

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Table of Contents

Province:	1
qb. In 2005, how many acres of cropland did you have (seeded/planted) to annual field crops?	2
qc. Besides field crops, which of the following other types of production do you have on your farm operation?	3
qd. Which of the following normally contributes the most to your total farm sales each year?	4
qe. Which of the following crops do you typically grow on your farm?	5
qf. Do you apply commercial fertilizer on your cropped acres?	6
qg. In which of the following forms do you apply your fertilizer?	7
qh. Do you apply manure on your farm?	8
SECTION A: AWARENESS/FAMILIARITY OF BMP'S	9
q1_1. [Soil testing] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.	9
q1_2. [Variable rate fertilizer applications using GPS and in-field monitoring] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.	10
q1_3. [Buffer strips] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.	11
q1_4. [Conservation tillage or minimum till] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.	12
q1_5. [No-till, which would include Direct seeding] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.	13
q1_6. [A Nutrient management plan] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.	14
q1_7. [Application timing, that is applying specific nutrients that the crop needs, when it needs it to avoid losses to the environment] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.	15
q1_8. [Cover crops to reduce soil erosion over fall, winter and spring] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.	16
q1_9. [Use of the services of a certified crop advisor or professional agronomist] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.	17
q1top. We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation. [TOP2BOX SUMMARY - (Familiar)]	18
q1low. We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation. [LOW2BOX SUMMARY - (Not Familiar)]	19
SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES.....	20
q2. Which of the following beneficial management practices do you currently use on your farm?	20
q2s. Which of the following beneficial management practices do you currently use on your farm? [SUMMARY]	21
q3_1. What is the main reason you did not use Soil Testing? [FIRST MENTIONS]	22
q3_2. What is the main reason you did not use Variable rate fertilizer applications using GPS and in-field monitoring? [FIRST MENTIONS]	24
q3_3. What is the main reason you did not use Buffer strips? [FIRST MENTIONS]	26
q3_4. What is the main reason you did not use Conservation tillage or minimum till? [FIRST MENTIONS]	28

q3_5. What is the main reason you did not use No-till, which would include direct seeding? [FIRST MENTIONS].....	30
q3_6. What is the main reason you did not use A Nutrient management plan? [FIRST MENTIONS].....	32
q3_10. What is the main reason you did not use Any beneficial management practice? [FIRST MENTIONS]	34
q3a_1. Any others? Soil Testing [OTHER MENTIONS]	35
q3a_2. Any others? Variable rate fertilizer applications using GPS and in-field monitoring [OTHER MENTIONS]	36
q3a_3. Any others? Buffer strips [OTHER MENTIONS]	38
q3a_4. Any others? Conservation tillage or minimum till [OTHER MENTIONS].....	39
q3a_5. Any others? No-till, which would include direct seeding [OTHER MENTIONS].....	41
q3a_6. Any others? A Nutrient management plan [OTHER MENTIONS]	43
q3a_10. Any others? Any beneficial management practice [OTHER MENTIONS].....	45
q3tot_1. What are the reasons you did not use Soil Testing? [TOTAL MENTIONS]	46
q3tot_2. What are the reasons you did not use Variable rate fertilizer applications using GPS and in-field monitoring? [TOTAL MENTIONS]	48
q3tot_3. What are the reasons you did not use Buffer strips? [TOTAL MENTIONS].....	50
q3tot_4. What are the reasons you did not use Conservation tillage or minimum till? [TOTAL MENTIONS].....	52
q3tot_5. What are the reasons you did not use No-till, which would include direct seeding? [TOTAL MENTIONS].....	54
q3tot_6. What are the reasons you did not use A Nutrient management plan? [TOTAL MENTIONS].....	56
q3tot_10. What are the reasons you did not use Any beneficial management practice? [TOTAL MENTIONS]	58
q4_1. I would like to know what you think it would cost you to start using SOIL TESTING. Please give me your best estimate, based on cost in dollars per acre.....	59
q4_2. I would like to know what you think it would cost you to start using VARIABLE RATE FERTILIZER APPLICATIONS USING GPS AND IN-FIELD MONITORING. Please give me your best estimate, based on cost in dollars per acre.....	60
q4_3. I would like to know what you think it would cost you to start using BUFFER STRIPS. Please give me your best estimate, based on cost in dollars per acre.....	61
q4_4. I would like to know what you think it would cost you to start using CONSERVATION TILLAGE OR MINIMUM TILL. Please give me your best estimate, based on cost in dollars per acre.....	62
q4_5. I would like to know what you think it would cost you to start using NO-TILL, WHICH WOULD INCLUDE DIRECT SEEDING. Please give me your best estimate, based on cost in dollars per acre.....	63
q4_6. I would like to know what you think it would cost you to start using A NUTRIENT MANAGEMENT PLAN. Please give me your best estimate, based on cost in dollars per acre.....	64
q4_10. I would like to know what you think it would cost you to start using ANY BENEFICIAL MANAGEMENT PRACTICE. Please give me your best estimate, based on cost in dollars per acre.....	65
q5. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?	66
q5a. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?	67
q5b. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?	68
q5c. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?	69
q5d. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?	70
q5e. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?	71
q5f. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?	72
q5g. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?	73
q6. What percentage of the cost of beneficial management practices do you think should be covered by the government?	74
q7. Are there any beneficial management practices that you would like to use if cost was not an issue?	75
q8. Which beneficial management practices have you considered using?	76
SECTION C: SOIL TESTING.....	79
q9. You mentioned that you do soil testing on your farm. In general, how often is the soil tested for nutrients on your operation? Would it be...?	79
q10a. In your view, what is the main reason that you use soil testing in your operation?	80
q10b. Do you soil test on the land that you apply manure?	81
q11. Do you pay a fee per acre to get your soil testing done on your farm, or is it included as a service from your fertilizer retailer?	82
q12. Including the cost of lab fees, roughly how much do you pay per acre to have your soil tested?	83

q13. I'd like to read you several cost ranges and would like you to indicate which one you think best fits the cost you pay for soil testing, including lab fees.	84
q12/13. Including the cost of lab fees, roughly how much do you pay per acre to have your soil tested? [SUMMARY].....	85
q14. Do you feel that you are paying indirectly for soil testing through the purchase of your fertilizer or do you feel that you get this service, including lab fees for free?	86
q15. Recognizing that you feel you are paying indirectly for soil testing, what would you estimate you are paying per acre to have your soil tested? This would include the testing as well as lab fees.	87
q16a. I'd like to read you several cost ranges and would like you to indicate which one you think best fits the cost you feel that you pay indirectly through your purchase for soil testing, including lab fees.....	88
q15/16a. Recognizing that you feel you are paying indirectly for soil testing, what would you estimate you are paying per acre to have your soil tested? This would include the testing as well as lab fees. [SUMMARY]	89
q16b. In your opinion, do you think that soil testing is worth the cost?.....	90
q17a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using soil testing. How about ...?.....	91
q17b. Would this change be an increase or decrease?	93
q17c1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your cereal crops from applying the required nutrients at recommended rates	95
q17c1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your pulse crops from applying the required nutrients at recommended rates	96
q17c1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your canola crops from applying the required nutrients at recommended rates	97
q17c1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your soybean crop from applying the required nutrients at recommended rates	98
q17c1_5. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your corn crop from applying the required nutrients at recommended rates	99
q17c1_6. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your potato crop from applying the required nutrients at recommended rates.....	100
q17c2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as result of soil testing. Change in yield to your cereal crops from applying the required nutrients at recommended rates.....	101
q17c2_3. Please tell me how much of a DECREASE in bushels per acre you have seen as result of soil testing. Change in yield to your canola crops from applying the required nutrients at recommended rates.....	102
q17c2_5. Please tell me how much of a DECREASE in bushels per acre you have seen as result of soil testing. Change in yield to your corn crop from applying the required nutrients at recommended rates	103
q17d. Have you noticed a change in costs from applying the required amount of nutrients?.....	104
q17e. Would this change be an increase or decrease?.....	105
q17f. Please tell me how much of an INCREASE in dollars per acre you have seen as result of soil testing?	106
q17f1. Please tell me how much of a DECREASE in dollars per acre you have seen as result of soil testing?	107
q18. Factoring in all costs and dollar benefits, do you believe that using soil testing results in an economic net gain, a net loss, or no change for your farm?.....	108
q20. Do you plan to increase/decrease or do the same amount of soil testing on your farm over the next one to 3 years?	109
SECTION D: VARIABLE RATE FERTILIZATION.....	110
q21a. You mentioned that you use variable rate fertilization. I would like to ask you a few questions about this practice. For how many years have you been using variable rate fertilization on your farm?.....	110
q21b. Of the ... acres that you mentioned you have in annual crops, on how many of these acres do you typically use variable rate fertilization?.....	111
q21acre. Percentage of acres being treated using Variable Rate Fertilization.....	112
q21c. Do you plan to increase, decrease or do the same the amount of variable rate fertilization on your farm over the next one to 3 years?.....	113
q21d. In your view, what is the main reason for using variable rate fertilization?.....	114
q22. Do you have your own equipment to apply variable rates of fertilizer such as GPS and/or rate monitors or do you pay to have it custom-applied?.....	115
q23a. Thinking about the changes in equipment required, did it cost you money or did you save money when you switched to variable rate technology, factoring in any costs for trading in equipment as well as purchasing new equipment.	116
q23bx. What would be the approximate amount that you SPENT switching to variable rate technology?.....	117
q23bx1. What would be the approximate amount that you SAVED switching to variable rate technology?.....	118
q23b. Cost per Acre used for Variable Rate Fertilization.....	119
q23b. Saved per Acre used for Variable Rate Fertilization.....	120
q24a. Including the cost of custom-application, what do you think it costs you per acre to use variable rate fertilization?.....	121
q24b. I'd like to read you several cost ranges and would like you to indicate which one is closest to the cost you pay for using variable rate fertilization.....	122
q24ab. Including the cost of custom-application, what do you think it costs you per acre to use variable rate fertilization? [SUMMARY]	123
q25a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using variable rate fertilization on your farm.	124
q25b. Would this change be an increase or decrease?	126

q25c1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your cereal crops from applying different rates of nutrients to specific areas of your fields.....	128
q25c1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your pulse crops from applying different rates of nutrients to specific areas of your fields.....	129
q25c1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your canola crops from applying different rates of nutrients to specific areas of your fields.....	130
q25c1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your soybean crop from applying different rates of nutrients to specific areas of your fields.....	131
q25c1_5. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your corn crop from applying different rates of nutrients to specific areas of your fields.....	132
q25c1_6. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your potato crop from applying different rates of nutrients to specific areas of your fields.....	133
q25c2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your cereal crops from applying different rates of nutrients to specific areas of your fields.....	134
q25d. Have you noticed a change to input and/or operational costs from variably applying the required amount of nutrients?.....	135
q25e. Would this change be an increase or decrease?.....	136
q25f. Please tell me how much of an INCREASE in dollars per acre you have seen as a result of using variable rate fertilization.	137
q25f1. Please tell me how much of a DECREASE in dollars per acre you have seen as a result of using variable rate fertilization.	138
q26. Factoring in all costs and dollar benefits but not including any government incentives you might receive, do you believe that variable rate fertilization results in an economic net gain, a net loss, or no change on your farm?...	139
q27. Have you received any financial incentive from the government to assist you with variable rate fertilization?	140
q28. How important do you feel it is for the government to provide financial incentives or grants for variable rate fertilization?.....	141
q29. How much per acre do you currently receive in government incentives for using variable rate fertilization?	142
q30a. Do you feel that the financial incentive that you received from the government is adequate?	143
q30b. What percentage of the cost of variable rate fertilization do you think should be covered by the government?	144
SECTION E: MANURE MANAGEMENT	145
q32. You mentioned you apply manure on your farm. I would like to ask you a few questions about this practice. First of all, please tell me which of the following is the main type of manure that you apply on your farm?	145
q33a. When you apply your ..., do you incorporate it into your fields?	146
q33b_1. Do you typically incorporate your Liquid Manure?	147
q33b_2. Do you typically incorporate your Solid manure?.....	148
q33b_3. Do you typically incorporate your Composted manure?	149
q33c. Do you analyse your ... for its nutrient content?.....	150
q33d. Do you apply your ... at a variable rate?	151
q33e. Do you calibrate your manure spreader to ensure the right rate of application?.....	152
q34. For how many years have you been using some type of manure on your farm?.....	153
q35. Of the ... acres that you mentioned you have in annual crops, on how many of these acres do you typically apply manure?.....	154
q35acre. Percentage of acres being treated using Manure.	155
q36a. Do you apply manure on your farm according to a formal manure management plan?	156
q36b. In your view, what is the main reason for using a manure management plan on your farm?	157
q36c. What criteria do you use to estimate the rate of application of manure? Do you base this on ...?	159
q37. Do you plan to increase/decrease or do the same amount of manure application on your farm over the next one to 3 years?.....	160
q38. Do you apply the manure yourself or do you hire an outside source to apply it for you?.....	161
q39. What do you think it costs you per acre to apply manure on your farm?.....	162
q40. Factoring in all costs and dollar benefits but not including any government incentives you might receive, do you believe that having a manure management plan results in an economic net gain, a net loss, or no change on your farm?	163

q41. Have you received any financial incentive from the government to assist you with manure management planning?	164
q42. How important do you feel it is for the government to provide financial incentives or grants for manure management planning?	165
q43. How much per acre do you currently receive in government incentives for using a manure management plan?	166
q44a. Do you feel that the financial incentive that you received from the government is adequate?	167
q44b. What percentage of the cost of manure management planning do you think should be covered by the government?	168
SECTION F: BUFFER STRIPS.....	169
q46. I would now like to ask you a few questions about buffer strips. For how many years have you had buffer strips on your farm?	169
q47. Which of the following crops or vegetation make up your buffer strip? Would it be ...?	170
q48a. What would be your estimate as to the total area that is covered by buffer strips on your farm?	171
q48a1. What would be your estimate as to the total area that is covered by buffer strips on your farm? [ACRES]	172
q48acre. Percentage of acres being treated using Buffer Strips.	173
q48a3. What would be your estimate as to the total area that is covered by buffer strips on your farm? [SQUARE METERS]	174
q48b. Do you plan to increase/decrease or keep about the same amount of land in buffer strips over the next one to 3 years?	175
q48c. What types of water bodies do your buffer strips protect? Would it be...?	176
q48d. What is the main reason why you established a buffer strip and continue to have this on your farm?	177
q49. What do you feel it costs per acre to establish a buffer strip?	179
q50. I'd like to read you several cost ranges and would like you to indicate which one you think best fits the cost to you per acre to establish a buffer strip.	180
q49/50. What do you feel it costs per acre to establish a buffer strip? [SUMMARY TABLE]	181
q51. Please tell me which of the following best fits what you typically do with the crop or vegetation that is in your buffer strip. Do you...?	182
q52. What is the typical crop rotation on the land adjacent to your buffer strip? I would like to read you several typical crop rotations for your region and would like you to tell me which one has the best fit.	183
q53. We would like to get your opinion on the impact that setting aside some of your land for buffer strips has on crop production. If you were to think of the buffer strip area as part of the adjacent field, approximately what percentage would the buffer strip area represent in potential lost production? Please give us your best estimate.	184
q54. Factoring in all costs and dollar benefits, but not including any government incentives you might receive, do you feel that buffer strips result in an economic net gain, or a net loss, or no change for your farm?	185
q55. Have you received any financial incentive from the government to assist you with buffer strips?	186
q56. How important do you feel it is for the government to provide financial incentives or grants for buffer strips?	187
q57. How much per acre did you receive in government incentives for buffer strips?	188
q58a. Do you feel that the financial incentive that you received from the government is adequate?	189
q58b. What percentage, if any, of your total cost to establish buffer strips should be covered by the government?	190
q58d. What percentage, if any, of your total cost to maintain buffer strips should be covered by the government?	191
q60. Have you received incentives for buffer strips from non-government conservation groups?	192
q61a. Do you think that the government should provide financial incentives to growers for lost crop production from their buffer strip?	193
q61b. How much do you feel that the government should provide, for lost crop production. Would you say that the government should cover?	194
SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE	195
q62. I would now like to ask you some questions about the acres on your farm in which you practice conservation tillage or what we will refer to as 'minimum tillage'. For how many years have you been using minimum tillage on your farm?	195
q63a. On how many of the ... acres that you mentioned you have in annual crops do you use minimum tillage?	196
q63acre. Percentage of acres being treated using Conservation Tillage/ Minimum Tillage.	197
q63b. Do you plan to increase, decrease or keep the same number of acres of minimum tillage on your farm over the next one to three years?	198
q64a. What is the main reason for why you chose to use minimum tillage?	199
q64b. Thinking about the changes in equipment required, did it cost you money or did you save money when you switched to minimum tillage, factoring in any costs for trading in equipment as well as purchasing new equipment.	200
q65a. What would be the approximate amount that you SPENT switching to minimum tillage?	201

q65a1. What would be the approximate amount that you SAVED switching to minimum tillage?.....	202
q65a. Cost per Total Acre used for CONSERVATION TILLAGE/ MINIMUM TILLAGE.....	203
q65a. Saved per Total Acre used for CONSERVATION TILLAGE/ MINIMUM TILLAGE.....	204
q65a. Cost per Min. Till Acre used for CONSERVATION TILLAGE/ MINIMUM TILLAGE.....	205
q65a. Saved per Min. Till Acre used for CONSERVATION TILLAGE/ MINIMUM TILLAGE.....	206
q65b. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using minimum tillage. How about ...?.....	207
q65c. Would this change be an increase or decrease?	209
q65d1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your cereal crops.....	211
q65d1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your pulse crops.....	212
q65d1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your canola crop.....	213
q65d1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your soybean crop.....	214
q65d1_5. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your corn crop.....	215
q65d1_6. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield to your potato crop.....	216
q65d2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your cereal crops.....	217
q65d2_2. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your pulse crops.....	218
q65d2_3. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your canola crop.....	219
q65d2_4. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your soybean crop.....	220
q65d2_5. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your corn crop.....	221
q65e. Have you noticed a change in operating costs such as fuel, or equipment wear from using minimum tillage?	222
q65f. Would this change be an increase or decrease?	223
q65g. Please tell me approximately how much of an INCREASE in operating costs, in dollars per acre you have seen as a result of using minimum tillage.....	224
q65g1. Please tell me approximately how much of a DECREASE in operating costs, in dollars per acre you have seen as a result of using minimum tillage.....	225
q65eh. Do you expect to get payments for carbon sequestration or carbon credits under the Kyoto protocol because you are using minimum tillage?.....	226
q66. Factoring in all costs and dollar benefits, but not including any government incentives that you might receive, do you feel that using minimum tillage results in an economic net gain, a net loss, or no change to your farm?.....	227
q67. Have you received any financial incentive from the government for using minimum tillage?	228
q68. How important do you feel it is for the government to provide financial incentives or grants to growers for using minimum tillage?	229
q69. How much per acre do you currently receive in government incentives for using minimum tillage?	230
q70. Do you feel that the financial incentive that you receive from the government is adequate?	231
q71. What percentage of your total costs to use minimum tillage do you think should be covered by the government?.....	232
SECTION H: NO-TILLAGE/DIRECT SEEDING	233
q73. You mentioned earlier that you use no-till, which could also include direct seeding, on your farm. For the purpose of these next questions, I will refer to this practice as no-till. For how many years have you been practicing no-till on your farm?.....	233
q74. On how many of the ... acres that you mentioned you have in annual crops do you use no-till?	234
q74acre. Percentage of acres being treated using No-Tillage/ Direct Seeding.....	235
q75. Do you plan to increase, decrease or keep the same number of acres of no-till on your farm over the next one to three years?	236
q76. What is the main reason why you chose to use no-till on your farm?	237
q77a. Thinking about the changes in equipment required, did it cost you money or did you save money when you switched to no-till factoring in any costs for trading in equipment as well as purchasing new equipment.....	238
q77b. What would be the approximate amount that you SPENT switching to no- till? Please give your answer in dollars based on your best estimate.	239
q77b1. What would be the approximate amount that you SAVED switching to no- till? Please give your answer in dollars based on your best estimate.	240
q77b. Cost per Total Acre used for No-Tillage/Direct Seeding.....	241
q77b. Saved per Total Acre used for No-Tillage/Direct Seeding.....	242
q77b. Cost per Min. Till Acre used for No-Tillage/Direct Seeding	243

q77b. Saved per Min. Till Acre used for No-Tillage/Direct Seeding.....	244
q78a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using no-till. How about ... ?	245
q78b. Would this change be an increase or decrease?	247
q78c1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your cereal crops.	249
q78c1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your pulse crops.	250
q78c1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your canola crop.	251
q78c1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your soybean crop.....	252
q78c1_5. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your corn crop.....	253
q78c2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your cereal crops.	254
q78c2_2. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your pulse crops.	255
q78c2_3. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your canola crop.....	256
q78c2_4. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your soybean crop.....	257
q78c2_5. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your corn crop.	258
q78d. Have you noticed a change in operating costs such as fuel, or equipment wear from using no-till?.....	259
q78e. Would this change be an increase or decrease?	260
q78f. Please tell me approximately how much of an INCREASE in operating costs, in dollars per acre you have seen as a result of using no-till.	261
q78f1. Please tell me approximately how much of a DECREASE in operating costs, in dollars per acre you have seen as a result of using no-till.	262
q79. Do you expect to get payments for carbon sequestration or carbon credits for using no- till under the Kyoto protocol?.....	263
q80. Factoring in all costs and dollar benefits but not including government incentives, do you feel that using no-till is an economic net gain, a net loss, or no change on your farm?	264
q81a. Have you received any financial incentive from the government to use no-till?.....	265
q81b. How important do you feel it is for the government to provide financial incentives or grants to growers to use no-till?.....	266
q81c. How much per acre do you currently receive in government incentives for using no-till?	267
q81d. Do you feel that the financial incentive that you receive from the government is adequate?	268
q81e. What percentage of your total costs to use no-till do you think should be covered by the government?	269
SECTION I: NUTRIENT MANAGEMENT PLANNING.....	270
q83. You mentioned that you have a nutrient management plan on your farm. For how many years have you had a nutrient management plan?	270
q84x. What was the main reason for starting to use a nutrient management plan on your farm?	271
q85. Did you develop your farm's nutrient management plan by yourself or did you hire an outside source to prepare most of it for you?	273
q86. How satisfied are you with the nutrient management plan for your farm. Would you say that you are?	274
q87a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using a nutrient management plan. How about ... ?.....	275
q87b. Would this change be an increase or decrease?	277
q87c1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your cereal crops from applying the required nutrients at recommended rates.	279
q87c1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your pulse crops from applying the required nutrients at recommended rates.	280
q87c1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your canola crops from applying the required nutrients at recommended rates.	281
q87c1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your soybean crop from applying the required nutrients at recommended rates.	282
q87c1_5. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your corn crop from applying the required nutrients at recommended rates.	283
q87c1_6. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your potato crop from applying the required nutrients at recommended rates.	284

q87c2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your cereal crops from applying the required nutrients at recommended rates.....	285
q87c2_4. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your soybean crop from applying the required nutrients at recommended rates.....	286
q87c2_5. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your corn crop from applying the required nutrients at recommended rates.....	287
q87c2_6. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your potato crop from applying the required nutrients at recommended rates.....	288
q87d. Have you noticed a change to input and operational costs from applying the required amount of nutrients based on your plan?.....	289
q87e. Would this change be an increase or decrease?.....	290
q87f. Please tell me how much of an INCREASE in dollars per acre you have seen as a result of using a nutrient management plan.....	291
q87f1. Please tell me how much of a DECREASE in dollars per acre you have seen as a result of using a nutrient management plan.....	292
q88. Factoring in all costs and dollar benefits, do you believe that having a formal nutrient management plan has resulted in an economic net gain, a net loss, or no change for your farm?	293
q89a. Have you received any financial incentive from the government to assist you with developing or using your nutrient management plan?.....	294
q89b. How important do you feel it is for the government to provide financial incentives or grants for farmers to use a nutrient management plan?.....	295
q89c. How much per acre do you currently receive in government incentives for developing or using a nutrient management plan?	296
q89d. Do you feel that the financial incentive that you receive from the government is adequate?	297
q89e. How much do feel the government should provide, as a percentage of costs, for growers like you to use a nutrient management plan?	298
q91. Are you supportive of the government mandating producers to have a formal nutrient management plan?	299
q92a. Is there anything that you would like to see improved or changed with respect to nutrient management plans?	300
q92b. What are some of the things that you would like to see improved or changed? [FIRST MENTIONS]	301
q92ba. Anything else? [OTHER MENTIONS]	303
q92bab. What are some of the things that you would like to see improved or changed? [TOTAL MENTIONS]	305
SECTION J: GENERAL FEEDBACK.....	307
q93. As a producer, how important do you feel it is to manage your farm in ways that protect the environment? Would it be..?.....	307
q94. What types of specific information or specific types of resources would you like to see made available to assist producers in adopting and using beneficial management practices? [FIRST MENTIONS]	308
q94a. Anthing else? [OTHER MENTIONS]	311
q94ab. What types of specific information or specific types of resources would you like to see made available to assist producers in adopting and using beneficial management practices? [TOTAL MENTIONS]	314
SECTION K: DEMOGRAPHICS	317
q95. How many kilometers is your farm from a major urban center, that is, a center with a population of 50,000 or more?	317
q96. Is there open water such as a creek, river or lake on your farm?.....	318
q97. AGE (Asked as: In what year were you born?).....	319
q98. What is the highest level of formal education that you have completed?.....	320
q99. And for classification purposes, what were your total farm sales last year. Just stop me when I reach the correct category. Were your total farm sales...?	321

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

Province:

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
British Columbia	308 0	308 1%	0 -	0 -	104 1%	204 1%	0 -	0 -	0 -	0 -	0 -	0 -	103 1%	1 0	0 -	102 1%	1 0
Alberta	10711 16%	10711 24% BC	0 -	0 -	4485 26%	3056 21%	3170 26%	0 -	0 -	0 -	0 -	0 -	693 6%	1269 12%	4245 20% L	1876 15% L	1957 24% LM
Saskatchewan	26841 40%	26841 61% BC	0 -	0 -	10481 60%	9341 65%	7020 58%	0 -	0 -	0 -	0 -	0 -	5815 51% OP	5839 55% OP	9295 45% OP	2787 23%	1329 17%
Manitoba	6165 9%	6165 14% BC	0 -	0 -	2416 14%	1778 12%	1971 16%	0 -	0 -	0 -	0 -	0 -	593 5%	846 8%	1559 8%	1586 13% L	1083 14% L
Ontario	12985 19%	0 -	0 -	12985 66% AB	0 -	0 -	0 -	3254 52%	4697 68% G	5034 76% G	0 -	0 -	2121 19%	1611 15%	3108 15%	3582 29% MN	2208 28% MN
Quebec	6699 10%	0 -	0 -	6699 34% AB	0 -	0 -	0 -	2964 48% HI	2176 32%	1558 24%	0 -	0 -	1281 11%	777 7%	1999 10%	1664 14%	794 10%
New Brunswick	1149 2%	0 -	1149 38% AC	0 -	0 -	0 -	0 -	0 -	0 -	0 -	591 45%	558 33%	295 3%	98 1%	164 1%	361 3%	197 2%
Nova Scotia	1017 2%	0 -	1017 34% AC	0 -	0 -	0 -	0 -	0 -	0 -	0 -	492 37%	525 31%	394 3%	33 0	230 1%	131 1%	230 3%
Prince Edward Island	831 1%	0 -	831 28% AC	0 -	0 -	0 -	0 -	0 -	0 -	0 -	244 18%	586 35%	98 1%	147 1%	147 1%	195 2%	220 3%

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

qb. In 2005, how many acres of cropland did you have (seeded/planted) to annual field crops?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
80 to 159	7410 11%	0 -	1327 44% AC	6083 31% A	0 -	0 -	0 -	6083 98% HI	0 -	0 -	1327 100% K	0 -	2847 25% MNOP	840 8%	1706 8%	1291 11%	514 6%
160 to 319	7680 12%	0 -	672 22% A	7009 36% AB	0 -	0 -	0 -	136 2% GI	6873 100% GI	0 -	0 -	672 40% J	1091 10%	1621 15%	2077 10%	2035 17% P	611 8%
320 to 639	21181 32%	17005 39% BC	589 20% BC	3586 18%	17005 97% EF	0 -	0 -	0 -	0 -	3586 54% GH	0 -	589 35% J	5444 48% NOP	4544 43% NOP	5212 25% P	3484 28% P	1195 15%
640 to 959	9277 14%	7308 17% C	278 9% C	1691 9%	480 3% DF	6829 47% DF	0 -	0 -	0 -	1691 26% GH	0 -	278 17% J	942 8% L	1382 13% LOP	3435 17% LOP	1544 13% LOP	1113 14%
960 to 1279	8091 12%	7551 17% BC	106 4% BC	434 2%	0 -	7551 53% DF	0 -	0 -	0 -	434 7% GH	0 -	106 6%	275 2% L	1483 14% LOP	4306 21% LOP	891 7% LOP	804 10% LOP
1280 to 1599	4270 6%	3980 9% BC	0 - BC	291 1% BC	0 -	0 -	3980 33% DE	0 -	0 -	291 4% GH	0 -	0 -	554 5% LM	589 6% LM	1710 8% LM	851 7% LM	314 4%
1600 to 1919	1786 3%	1574 4% BC	0 - BC	212 1% BC	0 -	0 -	1574 13% DE	0 -	0 -	212 3% H	0 -	0 -	81 1% LM	116 1% LM	757 4% LM	526 4% LM	181 2%
1920+	7010 11%	6607 15% BC	24 1% BC	378 2% BC	0 -	0 -	6607 54% DE	0 -	0 -	378 6% GH	0 -	24 1% J	158 1% LM	46 0% LM	1544 7% LM	1662 14% LM	3287 41% LMNO
Summary																	
Minimum (excl.0)	80	320	80 C	80	320	650	1300 D	80	165	320	80	160	80	80	80	80	80
Maximum	20000	20000 C	2000 AC	3000	640	1260	20000 DE	160	318	3000 GH	150	2000 J	5200 N	4300 N	4500	4600 N	20000 N
Total	63543200	55134788	978245	7430168	8028142	13789810	33316838	723286	1624867	5082015	156813	821432	5747866	6266776	18123872	11723409	18570020
Mean (incl.0)	953	1252 BC	326	377	459	959 D	2740 DE	116	236 G	771 GH	118	492 J	505	590	874 LM	954 LM	2316 LMNO
Mean (excl.0)	953	1252 BC	326	377	459	959 D	2740 DE	116	236 G	771 GH	118	492 J	505	590	874 LM	954 LM	2316 LMNO
Standard Deviation (excl.0)	1299	1484	309	424	97	160	2172	23	45	542	26	329	629	450	644	980	2853
Standard Error (excl.0)	41	66	31	21	7	13	178	2	4	47	4	44	51	38	37	67	230
Median (excl.0)	580	850	186 AC	245	446	961	1990 DE	109	236	566 G	108	394 J	377	400	776	543	1117 LMNO

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

qc. Besides field crops, which of the following other types of production do you have on your farm operation?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Beef Cattle	30046 45%	23474 53%	1710 57%	4861 25%	9948 57%	7882 55%	5644 46%	1429 23%	1822 27%	1610 24%	975 73%	736 44%	4762 42%	5155 49%	9572 46%	5502 45%	2971 37%
Dairy	9125 14%	1395 3%	851 28%	6879 35%	491 3%	213 1%	691 6%	1874 30%	2704 39%	2302 35%	295 22%	556 33%	180 2%	286 3%	2795 13%	3983 32%	1650 21%
Other types of livestock	7409 11%	5280 12%	180 6%	1949 10%	3240 19%	1164 8%	877 7%	511 8%	1063 15%	375 6%	66 5%	114 7%	1164 10%	1397 13%	1904 9%	1912 16%	335 4%
Poultry	4153 6%	2605 6%	57 2%	1491 8%	1353 8%	561 4%	691 6%	394 6%	562 8%	535 8%	33 2%	24 1%	603 5%	730 7%	1093 5%	315 3%	966 12%
Pigs	4142 6%	2052 5%	351 12%	1739 9%	720 4%	718 5%	614 5%	529 9%	572 8%	638 10%	123 9%	228 14%	361 3%	770 7%	385 2%	1129 9%	1450 18%
Horticulture or Viticulture	2204 3%	729 2%	541 18%	933 5%	149 1%	126 1%	455 4%	385 6%	293 4%	255 4%	197 15%	344 21%	360 3%	143 1%	598 3%	388 3%	715 9%
Other production such as Christmas trees, woodlots, mushrooms, sod, honey, or others	4765 7%	1327 3%	836 28%	2602 13%	566 3%	283 2%	477 4%	622 10%	1244 18%	736 11%	394 30%	443 27%	448 4%	1212 11%	1342 6%	859 7%	825 10%
(DK/NS)	20647 31%	16289 37%	189 6%	4169 21%	5838 33%	5539 39%	4912 40%	1539 25%	991 14%	1640 25%	66 5%	123 7%	5495 48%	3840 36%	6896 33%	2009 16%	1504 19%

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

qd. Which of the following normally contributes the most to your total farm sales each year?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Field crops	36701 55%	28487 65% BC	786 26% B	7428 38% B	9343 53%	10078 70% D	9067 75% D	2312 37%	2345 34%	2772 42%	213 16%	573 34% J	7494 66% OP	7459 70% OP	12034 58% OP	3810 31%	3517 44% O
Beef Cattle	16077 24%	12780 29% C	868 29% C	2428 12% A	6955 40% EF	3634 25% D	2192 18% D	948 15%	929 14%	551 8%	598 45% K	270 16% P	3119 27% P	2331 22% LM	5022 24% LM	3351 27% LMNP	1292 16% LM
Dairy	8414 13%	1153 3%	802 27% A	6459 33% A	491 3%	121 1%	541 4%	1847 30%	2564 37%	2048 31%	295 22% K	508 30% P	180 2%	163 2%	2619 13% LM	3809 31% LMNP	1496 19% LM
Pigs	2179 3%	847 2%	221 7% A	1111 6% A	478 3%	177 1%	192 2%	198 3%	428 6%	484 7%	90 7%	131 8%	81 1%	387 4%	180 1%	699 6% LN	832 10% LN
Poultry	1119 2%	133 0	0 - AB	985 5% AB	69 0	19 0	46 0	264 4%	186 3%	535 8%	0 -	0 -	73 1%	0 -	328 2%	130 1%	588 7% LMNO
Horticulture or Viticulture	773 1%	155 0	254 8% AC	364 2% A	68 0	45 0	42 0	234 4% H	0 -	130 2%	66 5%	188 11%	56 0	0 -	202 1%	302 2%	212 3%
Other types of livestock	750 1%	230 1%	0 -	519 3% A	81 0	68 0	81 1%	173 3%	273 4%	73 1%	0 -	0 -	219 2%	200 2%	101 0	81 1%	81 1%
Other production such as Christmas trees, woodlots, mushrooms, sod, honey, or others	559 1%	193 0	33 1%	333 2%	0 -	193 1%	0 -	242 4%	91 1%	0 -	33 2%	0 -	92 1%	25 0	260 1%	102 1%	0 -
(DK/NS)	134 0	45 0	33 1% A	56 0	0 -	45 0	0 -	0 -	56 1%	0 -	33 2%	0 -	78 1%	56 1%	0 -	0 -	0 -

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

qe. Which of the following crops do you typically grow on your farm?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Barley	37961 57%	30040 68% BC	1529 51% C	6392 32% C	10716 61% D	10974 76% D	8350 69% D	2034 33% D	2410 35% D	1948 30% D	565 43% K	964 58% K	5297 46% O	6090 57% OP	13237 64% LP	6934 56% LMNP	4145 52% LMNP
Tame Hay	35370 53%	20848 47% BC	1916 64% A	12606 64% A	7945 45% D	7263 51% D	5640 46% D	4118 66% I	4831 70% I	3657 55% I	1016 77% K	900 54% K	5755 51% O	4762 45% OP	11310 55% OP	8075 66% LMNP	3638 45% LMNP
Wheat including durum	32766 49%	32766 74% BC	0 - BC	0 - BC	10569 60% D	11776 82% D	10421 86% D	0 - D	0 - D	0 - D	0 - D	0 - D	5690 50% O	6247 59% OP	11394 55% OP	4122 34% LMNP	2962 37% LMNP
Canola	22229 33%	22229 50% BC	0 - BC	0 - BC	6815 39% D	7580 53% D	7834 64% D	0 - D	0 - D	0 - D	0 - D	0 - D	2423 21% LO	4427 42% LO	7956 38% LO	3360 27% LMN	2869 36% LMN
Corn	14885 22%	0 - A	762 25% A	14123 72% AB	0 - D	0 - D	0 - D	3348 54% G	5103 74% G	5672 86% GH	254 19% L	507 30% L	1000 9% L	1522 14% L	4397 21% LMN	4682 38% LMN	2897 36% LMN
Peas	14037 21%	14037 32% BC	0 - BC	0 - BC	3877 22% D	4233 29% D	5926 49% DE	0 - D	0 - D	0 - D	0 - D	0 - D	1463 13% LOP	3665 35% LOP	4805 23% L	1776 14% LMN	1678 21% LMN
Soybeans	11367 17%	0 - AB	0 - AB	11367 58% AB	0 - D	0 - D	0 - D	2193 35% G	3941 57% G	5234 79% GH	0 - D	0 - D	1075 9% L	1535 14% L	3290 16% LMN	3149 26% LMN	1984 25% LN
Wheat	10332 15%	0 - A	466 16% A	9867 50% AB	0 - D	0 - D	0 - D	1805 29% G	3542 52% G	4521 69% GH	163 12% L	302 18% L	751 7% L	1509 14% L	2799 13% LMN	3146 26% LMN	1845 23% LN
Lentils	6604 10%	6604 15% BC	0 - BC	0 - BC	1658 9% D	2133 15% D	2814 23% D	0 - D	0 - D	0 - D	0 - D	0 - D	1129 10% O	1194 11% O	2712 13% O	531 4% N	509 6% N
Potatoes	753 1%	0 - AC	753 25% AC	0 - AC	0 - D	0 - D	0 - D	0 - D	0 - D	0 - D	237 18% HI	515 31% HI	114 1% N	24 0 N	98 0 N	270 2% N	245 3% N
(DK/NS)	1333 2%	629 1% A	164 5% A	539 3% A	373 2% D	256 2% D	0 - D	425 7% HI	88 1% HI	26 0 HI	66 5% HI	98 6% HI	378 3% HI	191 2% HI	395 2% HI	162 1% HI	105 1% HI

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

qf. Do you apply commercial fertilizer on your cropped acres?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Yes	55741 84%	36448 83%	2521 84%	16771 85%	13107 75%	11611 81%	11730 96% DE	4693 75%	6007 87% G	6071 92% G	1106 83%	1415 85%	7268 64%	8692 82% L	17747 86% L	11474 93% LMN	7351 92% LM
No	10965 16%	7577 17%	476 16%	2913 15%	4378 25% F	2768 19% F	431 4%	1525 25% HI	866 13%	522 8%	221 17%	254 15%	4124 36% MNOP	1929 18% OP	3000 14% O	810 7% O	668 8%

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

qg. In which of the following forms do you apply your fertilizer?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Apply commercial fertilizer Weighted	854	428	85	341	149	135	144	97	124	120	36	49	101	117	259	199	140
	55741	36448	2521*	16771	13107*	11611*	11730	4693*	6007	6071	1106*	1415*	7268*	8692*	17747	11474	7351
Granular fertilizer	52153 94%	33896 93%	2415 96%	15842 94%	12486 95%	10672 92%	10738 92%	4360 93%	5584 93%	5898 97%	1049 95%	1366 97%	6789 93%	8314 96%	16926 95% P	10941 95% P	6461 88%
Anhydrous ammonia	11523 21%	9725 27% BC	188 7%	1609 10%	2933 22%	3751 32%	3042 26%	191 4%	454 8%	964 16% G	131 12%	57 4%	532 7%	1451 17%	4189 24% L	2447 21% L	1741 24% L
Liquid fertilizer	10238 18%	5730 16% B	123 5%	4385 26% AB	1253 10%	2321 20% D	2156 18%	798 17%	1339 22%	2248 37% GH	0 -	123 9%	932 13%	1486 17%	2625 15%	2078 18%	2402 33% LMNO
(DK/NS)	122 0	0 -	49 2% A	73 0	0 -	0 -	0 -	73 2%	0 -	0 -	24 2%	24 2%	97 1%	0 -	0 -	0 -	0 -

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

qh. Do you apply manure on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Yes	41059 62%	23308 53%	2504 84%	15247 77%	9965 57%	7353 51%	5989 49%	4695 75%	5261 77%	5291 80%	1163 88%	1341 80%	5592 49%	5504 52%	12313 59%	9217 75%	6409 80%
No	25345 38%	20472 47%	492 16%	4381 22%	7456 43%	6845 48%	6171 51%	1524 25%	1555 23%	1301 20%	164 12%	328 20%	5680 50%	4937 46%	8434 41%	3067 25%	1610 20%
(DK/NS)	301 0	245 1%	0 -	56 0	64 0	181 1%	0 -	0 -	56 1%	0 -	0 -	0 -	121 1%	181 2%	0 -	0 -	0 -

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1_1. [Soil testing] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very familiar	41218 62%	24983 57%	2113 71%	14122 72%	8481 49%	8281 58%	8221 68%	3451 55%	4960 72%	5711 87%	836 63%	1277 76%	4612 40%	5194 49%	13303 64%	9289 76%	6845 85%
Somewhat familiar	20350 31%	15218 35%	663 22%	4469 23%	6902 39%	4666 32%	3651 30%	2081 33%	1507 22%	882 13%	360 27%	302 18%	4778 42%	4631 44%	6474 31%	2568 21%	1028 13%
Not very familiar	2608 4%	2108 5%	98 3%	401 2%	934 5%	1019 7%	155 1%	207 3%	194 3%	0 -	98 7%	0 -	501 4%	706 7%	513 2%	238 2%	0 -
Not familiar at all	2529 4%	1715 4%	123 4%	691 4%	1168 7%	413 3%	134 1%	480 8%	212 3%	0 -	33 2%	90 5%	1501 13%	90 1%	457 2%	190 2%	146 2%
Summary																	
Top2box (Familiar)	61568 92%	40202 91%	2775 93%	18591 94%	15383 88%	12947 90%	11872 98%	5532 89%	6467 94%	6593 100%	1196 90%	1579 95%	9390 82%	9825 93%	19777 95%	11857 97%	7873 98%
Low2box (Not Familiar)	5137 8%	3823 9%	221 7%	1093 6%	2102 12%	1433 10%	289 2%	687 11%	406 6%	0 -	131 10%	90 5%	2002 18%	796 7%	970 5%	427 3%	146 2%
					F	F		I	I				MNOP				

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1_2. [Variable rate fertilizer applications using GPS and in-field monitoring] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very familiar	12342 19%	7820 18%	622 21%	3900 20%	2217 13%	2772 19%	2831 23%	739 12%	1125 16%	2035 31%	98 7%	524 31%	1487 13%	1414 13%	3673 18%	2115 17%	3043 38%
Somewhat familiar	22515 34%	15562 35%	1056 35%	5896 30%	4933 28%	5193 36%	5436 45%	1433 23%	2015 29%	2448 37%	393 30%	663 40%	2038 18%	3656 34%	7217 35%	5545 45%	2900 36%
Not very familiar	15176 23%	11062 25%	548 18%	3566 18%	5020 29%	3877 27%	2165 18%	1017 16%	1555 23%	993 15%	393 30%	155 9%	3402 30%	2133 20%	5226 25%	2360 19%	1023 13%
Not familiar at all	16473 25%	9381 21%	770 26%	6322 32%	5198 30%	2537 18%	1646 14%	3029 49%	2177 32%	1116 17%	443 33%	327 20%	4465 39%	3417 32%	4547 22%	2148 17%	1053 13%
(DK/NS)	200 0	200 0	0 -	0 -	116 1%	0 -	84 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	84 0	116 1%	0 -
Summary																	
Top2box (Familiar)	34857 52%	23382 53%	1678 56%	9796 50%	7150 41%	7965 55%	8267 68%	2173 35%	3140 46%	4484 68%	492 37%	1187 71%	3524 31%	5071 48%	10891 52%	7660 62%	5943 74%
Low2box (Not Familiar)	31649 47%	20443 46%	1318 44%	9888 50%	10219 58%	6414 45%	3810 31%	4046 65%	3733 54%	2109 32%	836 63%	482 29%	7868 69%	5550 52%	9772 47%	4508 37%	2076 26%

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1_3. [Buffer strips] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very familiar	21720 33%	11489 26%	1628 54%	8602 44%	3837 22%	3858 27%	3794 31%	1829 29%	3129 46%	3644 55%	630 47%	998 60%	2280 20%	2881 27%	7070 34%	4232 34%	4291 54%
Somewhat familiar	22550 34%	15885 36%	885 30%	5781 29%	5818 33%	5372 37%	4694 39%	2014 32%	1856 27%	1911 29%	443 33%	442 26%	3717 33%	3586 34%	7254 35%	4932 40%	1893 24%
Not very familiar	10720 16%	8127 18%	263 9%	2330 12%	4094 23%	2113 15%	1919 16%	1076 17%	633 9%	621 9%	98 7%	164 10%	1506 13%	2407 23%	3247 16%	1752 14%	1039 13%
Not familiar at all	11582 17%	8480 19%	221 7%	2881 15%	3735 21%	3035 21%	1710 14%	1300 21%	1218 18%	363 6%	156 12%	66 4%	3852 34%	1747 16%	3132 15%	1315 11%	797 10%
(DK/NS)	133 0	44 0	0 -	90 0	0 -	0 -	44 0	0 -	37 1%	53 1%	0 -	0 -	37 0	0 -	44 0	53 0	0 -
Summary																	
Top2box (Familiar)	44270 66%	27374 62%	2513 84%	14383 73%	9655 55%	9231 64%	8488 70%	3843 62%	4985 73%	5556 84%	1073 81%	1440 86%	5997 53%	6467 61%	14324 69%	9164 75%	6184 77%
Low2box (Not Familiar)	22302 33%	16607 38%	484 16%	5211 26%	7829 45%	5149 36%	3629 30%	2376 38%	1850 27%	984 15%	254 19%	230 14%	5358 47%	4154 39%	6380 31%	3067 25%	1836 23%

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1_4. [Conservation tillage or minimum till] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very familiar	44375 67%	30555 69%	1260 42%	12561 64%	10131 58%	10498 73%	9925 82%	2829 45%	4108 60%	5623 85%	508 38%	753 45%	5293 46%	6838 64%	14935 72%	8416 69%	6374 79%
Somewhat familiar	17161 26%	11167 25%	1343 45%	4651 24%	5753 33%	3443 24%	1970 16%	1830 29%	2003 29%	818 12%	631 48%	712 43%	3860 34%	3044 29%	4733 23%	3452 28%	1141 14%
Not very familiar	3012 5%	1270 3%	270 9%	1471 7%	776 4%	341 2%	152 1%	956 15%	391 6%	125 2%	123 9%	147 9%	933 8%	670 6%	698 3%	219 2%	344 4%
Not familiar at all	1978 3%	927 2%	123 4%	927 5%	718 4%	96 1%	113 1%	604 10%	298 4%	26 0	66 5%	57 3%	1127 10%	68 1%	381 2%	197 2%	161 2%
(DK/NS)	179 0	106 0	0 -	73 0	106 1%	0 -	0 -	0 -	73 1%	0 -	0 -	0 -	179 2%	0 -	0 -	0 -	0 -
Summary																	
Top2box (Familiar)	61537 92%	41721 95%	2604 87%	17212 87%	15884 91%	13942 97%	11895 98%	4659 75%	6112 89%	6441 98%	1139 86%	1465 88%	9153 80%	9883 93%	19669 95%	11868 97%	7515 94%
Low2box (Not Familiar)	4989 7%	2197 5%	393 13%	2399 12%	1494 9%	438 3%	266 2%	1559 25%	688 10%	151 2%	188 14%	205 12%	2060 18%	738 7%	1079 5%	416 3%	505 6%

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1_5. [No-till, which would include Direct seeding] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very familiar	39487 59%	28090 64%	843 28%	10553 54%	8824 50%	9153 64%	10113 83%	2136 34%	3681 54%	4736 72%	254 19%	589 35%	3982 35%	5521 52%	13692 66%	8537 69%	5517 69%
Somewhat familiar	16930 25%	11751 27%	1384 46%	3795 19%	6124 35%	3860 27%	1767 15%	1432 23%	1338 19%	1026 16%	656 49%	728 44%	4922 43%	3022 28%	4634 22%	2148 17%	1602 20%
Not very familiar	3996 6%	1756 4%	417 14%	1822 9%	1207 7%	423 3%	125 1%	525 8%	867 13%	430 7%	229 17%	189 11%	680 6%	1138 11%	864 4%	699 6%	281 3%
Not familiar at all	6017 9%	2225 5%	352 12%	3440 17%	1293 7%	776 5%	156 1%	2053 33%	987 14%	401 6%	188 14%	163 10%	1771 16%	940 9%	1485 7%	899 7%	529 7%
(DK/NS)	276 0	203 0	0 -	73 0	37 0	166 1%	0 -	73 1%	0 -	0 -	0 -	0 -	37 0	0 -	73 0	0 -	90 1%
Summary																	
Top2box (Familiar)	56416 85%	39841 90%	2227 74%	14348 73%	14947 85%	13014 91%	11880 98%	3568 57%	5019 73%	5762 87%	910 69%	1317 79%	8904 78%	8543 80%	18326 88%	10686 87%	7119 89%
Low2box (Not Familiar)	10013 15%	3981 9%	769 26%	5262 27%	2500 14%	1200 8%	281 2%	2578 41%	1854 27%	831 13%	417 31%	352 21%	2451 22%	2078 20%	2348 11%	1598 13%	810 10%

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1_6. [A Nutrient management plan] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very familiar	22151 33%	12315 28%	1278 43%	8559 43%	4338 25%	3526 25%	4451 37%	2203 35%	3027 44%	3329 50%	336 25%	942 56%	2418 21%	2479 23%	6601 32%	4986 41%	4597 57%
Somewhat familiar	28014 42%	19724 45%	1113 37%	7177 36%	7663 44%	6127 43%	5934 49%	2412 39%	2637 38%	2127 32%	615 46%	499 30%	4482 39%	4702 44%	9584 46%	5624 46%	2555 32%
Not very familiar	9928 15%	7175 16%	401 13%	2351 12%	3007 17%	2993 21%	1175 10%	713 11%	877 13%	761 12%	287 22%	114 7%	1926 17%	2223 21%	2953 14%	1129 9%	509 6%
Not familiar at all	6316 9%	4514 10%	205 7%	1597 8%	2179 12%	1734 12%	601 5%	890 14%	332 5%	375 6%	90 7%	114 7%	2385 21%	1101 10%	1610 8%	545 4%	358 4%
(DK/NS)	296 0	296 1%	0 -	0 -	296 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	181 2%	116 1%	0 -	0 -	0 -
Summary																	
Top2box (Familiar)	50165 75%	32039 73%	2391 80%	15735 80%	12002 69%	9652 67%	10385 85%	4616 74%	5664 82%	5456 83%	950 72%	1440 86%	6900 61%	7181 68%	16185 78%	10610 86%	7152 89%
Low2box (Not Familiar)	16244 24%	11690 27%	606 20%	3948 20%	5186 30%	4727 33%	1776 15%	1603 26%	1209 18%	1136 17%	377 28%	229 14%	4311 38%	3324 31%	4562 22%	1674 14%	867 11%

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1_7. [Application timing, that is applying specific nutrients that the crop needs, when it needs it to avoid losses to the environment] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very familiar	29256 44%	14273 32%	1670 56%	13313 68%	5708 33%	3863 27%	4702 39%	3540 57%	4568 66%	5205 79%	582 44%	1088 65%	3972 35%	4436 42%	7806 38%	6510 53%	5037 63%
Somewhat familiar	23902 36%	18266 41%	1097 37%	4540 23%	6002 34%	6602 46%	5662 47%	1702 27%	1698 25%	1140 17%	582 44%	515 31%	3700 32%	3768 35%	9212 44%	4100 33%	2290 29%
Not very familiar	8419 13%	7044 16%	164 5%	1210 6%	3608 21%	2291 16%	1146 9%	727 12%	348 5%	135 2%	131 10%	33 2%	2243 20%	1169 11%	2463 12%	1277 10%	314 4%
Not familiar at all	4525 7%	3951 9%	66 2%	508 3%	2061 12%	1457 10%	433 4%	250 4%	203 3%	56 1%	33 2%	33 2%	1371 12%	1248 12%	1061 5%	340 3%	219 3%
(DK/NS)	603 1%	491 1%	0 -	113 1%	106 1%	166 1%	218 2%	0 -	56 1%	56 1%	0 -	0 -	106 1%	0 -	205 1%	56 0	160 2%
Summary																	
Top2box (Familiar)	53158 80%	32539 74%	2767 92%	17853 91%	11709 67%	10465 73%	10365 85%	5242 84%	6266 91%	6345 96%	1163 88%	1604 96%	7672 67%	8204 77%	17019 82%	10611 86%	7326 91%
Low2box (Not Familiar)	12944 19%	10995 25%	230 8%	1719 9%	5669 32%	3748 26%	1578 13%	977 16%	551 8%	191 3%	164 12%	66 4%	3614 32%	2417 23%	3524 17%	1617 13%	533 7%

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1_8. [Cover crops to reduce soil erosion over fall, winter and spring] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very familiar	33607 50%	20153 46%	1784 60%	11671 59%	7371 42%	6899 48%	5882 48%	2913 47%	4120 60%	4638 70%	622 47%	1162 70%	4618 41%	4716 44%	11273 54%	6036 49%	5088 63%
Somewhat familiar	21952 33%	16728 38%	1016 34%	4208 21%	6963 40%	5652 39%	4113 34%	1408 23%	1563 23%	1237 19%	574 43%	442 26%	3885 34%	3913 37%	6725 32%	4429 36%	1978 25%
Not very familiar	6127 9%	4350 10%	66 2%	1711 9%	1784 10%	1124 8%	1442 12%	666 11%	610 9%	435 7%	33 2%	33 2%	888 8%	1182 11%	1766 9%	1271 10%	567 7%
Not familiar at all	4855 7%	2656 6%	131 4%	2067 11%	1320 8%	611 4%	724 6%	1205 19%	580 8%	282 4%	98 7%	33 2%	2001 18% MNOP	783 7%	845 4%	549 4%	387 5%
(DK/NS)	164 0	138 0	0 -	26 0	46 0	92 1%	0 -	26 0	0 -	0 -	0 -	0 -	0 -	26 0	138 1%	0 -	0 -
Summary																	
Top2box (Familiar)	55560 83%	36881 84%	2800 93%	15879 81%	14334 82%	12552 87%	9995 82%	4321 69%	5682 83%	5876 89%	1196 90%	1604 96%	8503 75%	8630 81%	17998 87%	10465 85%	7066 88%
Low2box (Not Familiar)	10982 16%	7006 16%	197 7%	3778 19%	3104 18%	1736 12%	2166 18%	1871 30%	1190 17%	717 11%	131 10%	66 4%	2889 25% NOP	1965 19%	2611 13%	1819 15%	953 12%

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1_9. [Use of the services of a certified crop advisor or professional agronomist] We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very familiar	27320 41%	15265 35%	1212 40%	10843 55%	5011 29%	4589 32%	5666 47%	2997 48%	3530 51%	4315 65%	353 27%	859 51%	2810 25%	3600 34%	8612 42%	6232 51%	4818 60%
Somewhat familiar	23259 35%	16995 39%	1040 35%	5224 27%	7188 41%	5365 37%	4442 37%	1711 28%	2072 30%	1441 22%	549 41%	491 29%	3622 32%	3762 35%	8278 40%	4370 36%	1759 22%
Not very familiar	8494 13%	6371 14%	409 14%	1714 9%	2904 17%	2610 18%	857 7%	504 8%	620 9%	591 9%	237 18%	172 10%	2257 20%	2145 20%	2151 10%	902 7%	903 11%
Not familiar at all	7201 11%	4962 11%	336 11%	1903 10%	2094 12%	1672 12%	1195 10%	1006 16%	651 9%	246 4%	188 14%	147 9%	2416 21%	1114 10%	1638 8%	779 6%	539 7%
(DK/NS)	431 1%	431 1%	0 -	0 -	287 2%	144 1%	0 -	0 -	0 -	0 -	0 -	0 -	287 3%	0 -	68 0	0 -	0 -
Summary																	
Top2box (Familiar)	50579 76%	32261 73%	2252 75%	16067 82%	12199 70%	9954 69%	10108 83%	4709 76%	5603 82%	5756 87%	901 68%	1350 81%	6432 56%	7362 69%	16890 81%	10603 86%	6577 82%
Low2box (Not Familiar)	15695 24%	11333 26%	745 25%	3617 18%	4999 29%	4282 30%	2053 17%	1510 24%	1270 18%	837 13%	426 32%	319 19%	4673 41%	3259 31%	3789 18%	1682 14%	1442 18%

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1top. We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation. [TOP2BOX SUMMARY - (Familiar)]

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Soil testing	61568 92%	40202 91%	2775 93%	18591 94%	15383 88%	12947 90%	11872 98% DE	5532 89%	6467 94%	6593 100% GH	1196 90%	1579 95%	9390 82%	9825 93% L	19777 95% L	11857 97% L	7873 98% L
Conservation tillage or minimum till	61537 92%	41721 95% BC	2604 87%	17212 87%	15884 91%	13942 97%	11895 98% D	4659 75%	6112 89% G	6441 98% GH	1139 86%	1465 88%	9153 80%	9883 93% L	19669 95% L	11868 97% L	7515 94% L
No-till, which would include Direct seeding	56416 85%	39841 90% BC	2227 74%	14348 73%	14947 85%	13014 91%	11880 98% DE	3568 57%	5019 73% G	5762 87% GH	910 69%	1317 79%	8904 78%	8543 80%	18326 88% L	10686 87% L	7119 89% L
Cover crops to reduce soil erosion over fall, winter and spring	55560 83%	36881 84%	2800 93% AC	15879 81%	14334 82%	12552 87%	9995 82%	4321 69%	5682 83% G	5876 89% G	1196 90%	1604 96%	8503 75%	8630 81%	17998 87% L	10465 85% L	7066 88% L
Application timing, that is applying specific nutrients that the crop needs, when it needs it to avoid losses to the environment	53158 80%	32539 74%	2767 92% A	17853 91% A	11709 67%	10465 73%	10365 85% DE	5242 84%	6266 91%	6345 96% G	1163 88%	1604 96%	7672 67%	8204 77%	17019 82% L	10611 86% L	7326 91% LMN
Use of the services of a certified crop advisor or professional agronomist	50579 76%	32261 73%	2252 75%	16067 82% A	12199 70%	9954 69%	10108 83% DE	4709 76%	5603 82%	5756 87% G	901 68%	1350 81%	6432 56%	7362 69%	16890 81% LM	10603 86% LM	6577 82% LM
A Nutrient management plan	50165 75%	32039 73%	2391 80%	15735 80% A	12002 69%	9652 67%	10385 85% DE	4616 74%	5664 82%	5456 83%	950 72%	1440 86%	6900 61%	7181 68%	16185 78% L	10610 86% LM	7152 89% LMN
Buffer strips	44270 66%	27374 62%	2513 84% AC	14383 73% A	9655 55%	9231 64%	8488 70% D	3843 62%	4985 73%	5556 84% GH	1073 81%	1440 86%	5997 53%	6467 61%	14324 69% L	9164 75% LM	6184 77% LM
Variable rate fertilizer applications using GPS and in-field monitoring	34857 52%	23382 53%	1678 56%	9796 50%	7150 41%	7965 55% D	8267 68% D	2173 35%	3140 46%	4484 68% GH	492 37%	1187 71% J	3524 31%	5071 48% L	10891 52% L	7660 62% LM	5943 74% LMNO

SECTION A: AWARENESS/FAMILIARITY OF BMP'S

q1low. We would like to know how familiar you are with each of the following practices as they relate to nutrients on your farm operation. [LOW2BOX SUMMARY - (Not Familiar)]

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
Base: All respondents Weighted		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Variable rate fertilizer applications using GPS and in-field monitoring	31649	20443	1318	9888	10219	6414	3810	4046	3733	2109	836	482	7868	5550	9772	4508	2076
	47%	46%	44%	50%	58% EF	45% F	31%	65% I	54% I	32%	63% K	29%	69% MNOP	52% OP	47% P	37%	26%
Buffer strips	22302	16607	484	5211	7829	5149	3629	2376	1850	984	254	230	5358	4154	6380	3067	1836
	33%	38% BC	16%	26% B	45% F	36%	30%	38% I	27% I	15%	19%	14%	47% NOP	39% OP	31%	25%	23%
A Nutrient management plan	16244	11690	606	3948	5186	4727	1776	1603	1209	1136	377	229	4311	3324	4562	1674	867
	24%	27%	20%	20%	30% F	33% F	15%	26%	18%	17%	28%	14%	38% NOP	31% OP	22% P	14%	11%
Use of the services of a certified crop advisor or professional agronomist	15695	11333	745	3617	4999	4282	2053	1510	1270	837	426	319	4673	3259	3789	1682	1442
	24%	26% C	25%	18%	29% F	30% F	17%	24% I	18%	13%	32%	19%	41% NOP	31% NOP	18%	14%	18%
Application timing, that is applying specific nutrients that the crop needs, when it needs it to avoid losses to the environment	12944	10995	230	1719	5669	3748	1578	977	551	191	164	66	3614	2417	3524	1617	533
	19%	25% BC	8%	9%	32% F	26% F	13%	16% I	8%	3%	12%	4%	32% NOP	23% P	17% P	13%	7%
Cover crops to reduce soil erosion over fall, winter and spring	10982	7006	197	3778	3104	1736	2166	1871	1190	717	131	66	2889	1965	2611	1819	953
	16%	16% B	7%	19% B	18%	12%	18%	30% HI	17%	11%	10%	4%	25% NOP	19%	13%	15%	12%
No-till, which would include Direct seeding	10013	3981	769	5262	2500	1200	281	2578	1854	831	417	352	2451	2078	2348	1598	810
	15%	9%	26% A	27% A	14% F	8%	2%	41% HI	27% I	13%	31%	21%	22% NP	20%	11%	13%	10%
Soil testing	5137	3823	221	1093	2102	1433	289	687	406	0	131	90	2002	796	970	427	146
	8%	9%	7%	6%	12% F	10% F	2%	11% I	6% I	-	10%	5%	18% MNOP	7%	5%	3%	2%
Conservation tillage or minimum till	4989	2197	393	2399	1494	438	266	1559	688	151	188	205	2060	738	1079	416	505
	7%	5%	13% A	12% A	9% F	3%	2%	25% HI	10% I	2%	14%	12%	18% MNOP	7%	5%	3%	6%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q2. Which of the following beneficial management practices do you currently use on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Very/Somewhat Familiar with the practices Weighted	988	495	99	394	187	160	148	122	141	131	43	56	146	140	295	210	153
	65722	43600	2964*	19158	17332	14151	12117	5822*	6744	6593	1327*	1636*	10811*	10483*	20689	12211	7929
Soil testing	47650 73%	28564 66%	2440 82% A	16646 87% A	10143 59%	9076 64%	9345 77% DE	4880 84%	5722 85%	6044 92%	1008 76%	1432 88%	6093 56%	6123 58%	15181 73% LM	10796 88% LMN	7636 96% LMNO
Conservation tillage or minimum till	47429 72%	31700 73%	1875 63%	13855 72%	11761 68%	10472 74%	9466 78%	3226 55%	5061 75% G	5567 84% G	705 53%	1170 72%	6376 59%	8189 78% L	15542 75% L	9262 76% L	6277 79% L
Application timing	37018 56%	19314 44%	2235 75% A	15469 81% A	7988 46% E	4507 32%	6819 56% E	4330 74%	5354 79%	5785 88% G	811 61%	1424 87% J	5207 48%	5412 52%	10907 53%	7862 64% LN	5807 73% LMN
Use of the services of a certified crop advisor or professional agronomist	35127 53%	20854 48%	1662 56%	12610 66% A	7238 42%	6066 43%	7550 62% DE	3746 64%	4189 62%	4675 71%	508 38%	1154 71% J	3286 30%	4629 44%	11671 56% L	8739 72% LMN	5071 64% LM
No-till, which would include direct seeding	33034 50%	22675 52% B	500 17%	9858 51% B	7140 41%	6323 45%	9212 76% DE	2152 37%	3158 47%	4548 69% GH	230 17%	270 17%	3811 35%	4757 45%	10713 52% L	7016 57% L	5049 64% LMN
Cover crops to reduce soil erosion over fall, winter and spring	29568 45%	16955 39%	1923 65% A	10689 56% A	6759 39%	5301 37%	4895 40%	2848 49%	3768 56%	4074 62%	672 51%	1252 76% J	3941 36%	3592 34%	10329 50% LM	6206 51% LM	4027 51% LM
A Nutrient management plan	29220 44%	18049 41%	1581 53% A	9590 50% A	5792 33%	5155 36%	7102 59% DE	2941 51%	3461 51%	3188 48%	500 38%	1081 66% J	3354 31%	3960 38%	8541 41%	6300 52% LM	5560 70% LMNO
Buffer strips	22630 34%	10281 24%	1767 60% A	10582 55% A	3936 23%	3629 26%	2716 22%	2573 44%	3963 59% G	4046 61% G	688 52%	1079 66%	2763 26%	3136 30%	6623 32% LMN	5322 44% LMN	3961 50% LMN
Variable rate fertilizer applications using GPS and in-field monitoring	6537 10%	3486 8%	630 21% AC	2421 13% A	1244 7%	1127 8%	1116 9%	608 10%	649 10%	1164 18%	230 17%	401 24%	456 4%	1341 13% L	1565 8%	1346 11%	1533 19% LN
None	2210 3%	1935 4% C	66 2%	209 1%	1105 6%	678 5%	152 1%	80 1%	56 1%	73 1%	66 5%	0 -	767 7% NOP	307 3%	453 2%	90 1%	68 1%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q2s. Which of the following beneficial management practices do you currently use on your farm? [SUMMARY]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Very/Somewhat Familiar with the practices Weighted	988	495	99	394	187	160	148	122	141	131	43	56	146	140	295	210	153
	65722	43600	2964*	19158	17332	14151	12117	5822*	6744	6593	1327*	1636*	10811*	10483*	20689	12211	7929
Use any BMP	63512 97%	41666 96%	2898 98%	18949 99%	16227 94%	13473 95%	11965 99%	5742 99%	6687 99%	6519 99%	1262 95%	1636 100%	10044 93%	10177 97%	20236 98%	12121 99%	7861 99%
Use 2 BMPs	5984 9%	5125 12%	229 8%	630 3%	2512 14%	2067 15%	546 5%	189 3%	341 5%	100 2%	114 9%	115 7%	1642 15%	1040 10%	2010 10%	784 6%	98 1%
Use 3 BMPs	8033 12%	5764 13%	336 11%	1933 10%	2351 14%	2470 17%	942 8%	954 16%	669 10%	311 5%	270 20%	66 4%	2122 20%	1181 11%	2571 12%	1408 12%	376 5%
Use 4 BMPs	8255 13%	6532 15%	279 9%	1445 8%	2688 16%	1934 14%	1909 16%	720 12%	453 7%	271 4%	164 12%	115 7%	1120 10%	1548 15%	3156 15%	1170 10%	814 10%
Use 5 BMPs	11399 17%	8647 20%	385 13%	2367 12%	3809 22%	2475 17%	2363 20%	637 11%	882 13%	848 13%	205 15%	180 11%	966 9%	2335 22%	4219 20%	2539 21%	903 11%
Soil testing and Variable rate fertilization	6159 9%	3253 7%	598 20%	2308 12%	1054 6%	1127 8%	1072 9%	608 10%	592 9%	1108 17%	197 15%	401 24%	404 4%	1271 12%	1420 7%	1346 11%	1421 18%
Soil testing and Variable rate fertilization and no till	4342 7%	2275 5%	287 10%	1780 9%	924 5%	321 2%	1030 8%	352 6%	446 7%	982 15%	98 7%	188 12%	226 2%	706 7%	908 4%	1125 9%	1127 14%
Soil testing and Variable rate fertilization and min till	4818 7%	2351 5%	450 15%	2017 11%	913 5%	640 5%	798 7%	395 7%	567 8%	1055 16%	98 7%	352 21%	344 3%	1023 10%	1054 5%	1129 9%	1018 13%
Soil testing and manure management	9019 14%	3092 7%	573 19%	5355 28%	1266 7%	835 6%	991 8%	1880 32%	1743 26%	1732 26%	213 16%	360 22%	804 7%	986 9%	1983 10%	2945 24%	2249 28%
Soil testing and nutrient management plan	25085 38%	14480 33%	1499 51%	9105 48%	3949 23%	4346 31%	6186 51%	2758 47%	3232 48%	3115 47%	476 36%	1024 63%	2595 24%	2789 27%	7235 35%	5926 49%	5503 69%
Soil testing, manure management and nutrient management plan	5886 9%	1960 4%	369 12%	3558 19%	423 2%	726 5%	811 7%	1387 24%	1165 17%	1006 15%	131 10%	237 15%	383 4%	601 6%	1158 6%	1868 15%	1824 23%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_1. What is the main reason you did not use Soil Testing? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	142	98	10	34	46	33	19	13	13	8	5	5	37	33	47	12	3
Weighted	12420*	10302*	303**	1816*	4538**	3389**	2375**	652**	689**	475**	156**	147**	2785**	3396**	4142*	970**	169**
Cost /expensive	2923 24%	2647 26%	0 -	276 15%	1030 23%	511 15%	1106 47%	56 9%	146 21%	73 15%	0 -	0 -	936 34%	587 17%	1196 29%	73 8%	0 -
No need for it	2556 21%	1955 19%	123 41%	478 26%	864 19%	656 19%	434 18%	332 51%	0 -	146 31%	66 42%	57 39%	870 31%	733 22%	293 7%	418 43%	0 -
Don't have the time	903 7%	608 6%	33 11%	262 14%	405 9%	203 6%	0 -	64 10%	100 14%	99 21%	0 -	33 22%	26 1%	224 7%	395 10%	0 -	56 33%
Not effective	814 7%	790 8%	24 8%	0 -	64 1%	190 6%	536 23%	0 -	0 -	0 -	0 -	24 17%	0 -	195 6%	387 9%	208 21%	0 -
Don't see need	537 4%	464 5%	0 -	73 4%	464 10%	0 -	0 -	0 -	0 -	73 15%	0 -	0 -	0 -	396 12%	141 3%	0 -	0 -
Yields are not high enough	428 3%	428 4%	0 -	0 -	428 9%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	428 13%	0 -	0 -	0 -
We are using BMP	395 3%	195 2%	0 -	200 11% A	57 1%	138 4%	0 -	100 15%	73 11%	27 6%	0 -	0 -	73 3%	0 -	184 4%	0 -	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	271 2%	141 1%	0 -	130 7%	0 -	141 4%	0 -	0 -	130 19%	0 -	0 -	0 -	0 -	73 2%	141 3%	0 -	56 33%
I do have a plan/ I am working on it	242 2%	242 2%	0 -	0 -	0 -	81 2%	161 7%	0 -	0 -	0 -	0 -	0 -	0 -	81 2%	161 4%	0 -	0 -
Do not use fertilizer/chemicals	235 2%	235 2%	0 -	0 -	44 1%	192 6%	0 -	0 -	0 -	0 -	0 -	0 -	44 2%	0 -	116 3%	0 -	0 -
Doesn't fit into my schedule	184 1%	184 2%	0 -	0 -	184 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 4%	68 2%	0 -	0 -	0 -
Not available in my area	183 1%	183 2%	0 -	0 -	183 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	183 7%	0 -	0 -	0 -	0 -
Don't have equipment	181 1%	181 2%	0 -	0 -	181 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	181 4%	0 -	0 -
Use crop rotation (incl. does not fit into my rotation)	166 1%	66 1%	0 -	100 5%	66 1%	0 -	0 -	0 -	100 14%	0 -	0 -	0 -	73 3%	93 3%	0 -	0 -	0 -
Not suited for the type of crop I am planting	159 1%	159 2%	0 -	0 -	0 -	159 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	102 10%	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_1. What is the main reason you did not use Soil Testing? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Too complicated/difficult to use	141	141	0	0	141	0	0	0	0	0	0	0	0	0	141	0	0
	1%	1%	-	-	3%	-	-	-	-	-	-	-	-	-	3%	-	-
Prefer to do it on our own	138	138	0	0	70	68	0	0	0	0	0	0	0	70	68	0	0
	1%	1%	-	-	2%	2%	-	-	-	-	-	-	-	2%	2%	-	-
Don't have the manpower/labor	122	90	0	31	0	90	0	0	31	0	0	0	31	0	0	0	0
	1%	1%	-	2%	-	3%	-	-	5%	-	-	-	1%	-	-	-	-
Crop size is too small	116	116	0	0	0	116	0	0	0	0	0	0	0	116	0	0	0
	1%	1%	-	-	-	3%	-	-	-	-	-	-	-	3%	-	-	-
We use fertilizer	92	92	0	0	0	92	0	0	0	0	0	0	92	0	0	0	0
	1%	1%	-	-	-	3%	-	-	-	-	-	-	3%	-	-	-	-
We use manure	24	0	24	0	0	0	0	0	0	0	24	0	0	24	0	0	0
	0	-	8%	-	-	-	-	-	-	-	16%	-	-	1%	-	-	-
Other	1024	942	0	83	51	753	138	26	0	56	0	0	51	280	498	138	56
	8%	9%	-	5%	1%	22%	6%	4%	-	12%	-	-	2%	8%	12%	14%	33%
No reason	127	68	33	26	68	0	0	0	26	0	33	0	33	0	94	0	0
	1%	1%	11%	1%	1%	-	-	-	4%	-	21%	-	1%	-	2%	-	-
(DK/NS)	570	348	66	157	348	0	0	74	83	0	33	33	300	26	213	31	0
	5%	3%	22%	9%	8%	-	-	11%	12%	-	21%	22%	11%	1%	5%	3%	-

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_2. What is the main reason you did not use Variable rate fertilizer applications using GPS and in-field monitoring? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	410	242	35	133	70	80	92	28	45	60	9	26	41	48	121	104	80
Weighted	27240	18953	1048*	7239	5508*	6362*	7083*	1485**	2435*	3320*	262**	786**	2836**	3688*	9046*	6314*	4342*
Cost /expensive	12060 44%	9317 49%	246 23%	2497 34%	2388 43%	3848 60%	3081 43%	281 19%	865 36%	1352 41%	24 9%	221 28%	1354 48%	1599 43%	4550 50%	2468 39%	1462 34%
Don't have equipment	7626 28%	5596 30%	279 27%	1751 24%	2039 37%	1423 22%	2135 30%	199 13%	740 30%	812 24%	66 25%	213 27%	816 29%	1201 33%	2372 26%	1829 29%	1134 26%
No need for it	2067 8%	1037 5%	180 17%	850 12%	86 2%	599 9%	353 5%	315 21%	113 5%	422 13%	123 47%	57 7%	195 7%	239 6%	389 4%	645 10%	567 13%
Don't see need	742 3%	656 3%	33 3%	53 1%	347 6%	81 1%	228 3%	0 -	27 1%	26 1%	0 -	33 4%	33 1%	347 9%	26 0	292 5%	44 1%
Do not use fertilizer/chemicals	669 2%	513 3%	0 -	156 2%	286 5%	181 3%	46 1%	0 -	73 3%	83 2%	0 -	0 -	0 -	0 -	475 5%	0 -	194 4%
Crop size is too small	506 2%	146 1%	0 -	360 5%	146 3%	0 -	0 -	276 19%	84 3%	0 -	0 -	0 -	84 3%	84 2%	117 1%	148 2%	74 2%
Not effective	352 1%	212 1%	57 5%	83 1%	0 -	0 -	212 3%	0 -	0 -	83 2%	0 -	57 7%	0 -	0 -	0 -	251 4%	77 2%
Don't have the time	328 1%	90 0	82 8%	157 2%	0 -	0 -	90 1%	56 4%	0 -	101 3%	0 -	82 10%	0 -	0 -	89 1%	166 3%	73 2%
Not familiar with practice	312 1%	112 1%	33 3%	167 2%	0 -	46 1%	66 1%	84 6%	56 2%	27 1%	0 -	33 4%	56 2%	0 -	157 2%	99 2%	0 -
Not available in my area	236 1%	46 0	33 3%	157 2%	0 -	46 1%	0 -	27 2%	130 5%	0 -	0 -	33 4%	0 -	27 1%	46 1%	73 1%	33 1%
I do have a plan/ I am working on it	220 1%	187 1%	33 3%	0 -	0 -	0 -	187 3%	0 -	0 -	0 -	0 -	33 4%	0 -	0 -	0 -	33 1%	187 4%
Too complicated/difficult to use	130 0	57 0	0 -	73 1%	0 -	0 -	57 1%	0 -	73 3%	0 -	0 -	0 -	0 -	0 -	130 1%	0 -	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	81 0	81 0	0 -	0 -	0 -	0 -	81 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 1%	0 -	0 -
Do not have the right soil type	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	73 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 1%	0 -
Use crop rotation (incl. does not fit into my rotation)	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	73 3%	0 -	0 -	0 -	73 3%	0 -	0 -	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_2. What is the main reason you did not use Variable rate fertilizer applications using GPS and in-field monitoring? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
We use fertilizer	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	73 5%	0 -	0 -	0 -	0 -	73 3%	0 -	0 -	0 -	0 -
Don't have the manpower/labor	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	73 5%	0 -	0 -	0 -	0 -	0 -	0 -	73 1%	0 -	0 -
Prefer to do it on our own	68 0	68 0	0 -	0 -	0 -	68 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 1%	0 -	0 -
Yields are not high enough	42 0	42 0	0 -	0 -	0 -	0 -	42 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 1%
I will be retiring from farming	37 0	0 -	0 -	37 1%	0 -	0 -	0 -	0 -	37 2%	0 -	0 -	0 -	37 1%	0 -	0 -	0 -	0 -
We use manure	26 0	0 -	0 -	26 0	0 -	0 -	0 -	0 -	0 -	26 1%	0 -	0 -	0 -	0 -	26 0	0 -	0 -
Does not work well with organic practice	24 0	0 -	24 2% AC	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 9%	0 -	24 1%	0 -	0 -	0 -	0 -
Other	1020 4%	573 3%	24 2%	423 6%	132 2%	0 -	440 6%	26 2%	138 6%	259 8%	24 9%	0 -	91 3%	81 2%	320 4%	220 3%	310 7%
(DK/NS)	455 2%	218 1%	24 2%	212 3%	84 2%	70 1%	64 1%	0 -	83 3%	129 4%	0 -	24 3%	0 -	110 3%	126 1%	73 1%	145 3%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_3. What is the main reason you did not use Buffer strips? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	212	147	15	50	44	44	59	17	14	19	7	8	19	30	71	48	36
Weighted	16040	12812*	467**	2761*	4294**	3810*	4707*	879**	737**	1144**	230**	237**	1668**	2670**	5766*	3080*	2051**
No need for it	8062 50%	7044 55% C	213 46%	805 29%	2753 64%	1937 51%	2354 50%	213 24%	130 18%	462 40%	98 43%	115 48%	652 39%	1504 56%	2930 51%	1251 41%	1145 56%
Don't see need	1450 9%	1095 9%	0 -	355 13%	87 2%	439 12%	569 12%	272 31%	84 11%	0 -	0 -	0 -	253 15%	215 8%	519 9%	362 12%	0 -
Not familiar with practice	908 6%	733 6%	33 7%	142 5%	269 6%	273 7%	191 4%	26 3%	89 12%	26 2%	33 14%	0 -	79 5%	106 4%	339 6%	350 11%	33 2%
Cost /expensive	713 4%	584 5%	0 -	130 5%	218 5%	196 5%	170 4%	0 -	0 -	130 11%	0 -	0 -	181 11%	196 7%	178 3%	0 -	159 8%
Not effective	613 4%	424 3%	33 7%	156 6%	343 8%	0 -	81 2%	130 15%	26 4%	0 -	0 -	33 14%	240 14%	26 1%	172 3%	142 5%	33 2%
Farm not near rivers or waterways	493 3%	264 2%	0 -	229 8%	0 -	222 6%	42 1%	83 9%	73 10%	73 6%	0 -	0 -	0 -	107 4%	178 3%	146 5%	61 3%
Problems with weeds	387 2%	387 3%	0 -	0 -	0 -	0 -	387 8%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	280 5%	0 -	106 5%
Don't have the time	286 2%	286 2%	0 -	0 -	106 2%	181 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	106 4%	0 -	181 6%	0 -
Use crop rotation (incl. does not fit into my rotation)	238 1%	238 2%	0 -	0 -	0 -	181 5%	57 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	238 4%	0 -	0 -
Too complicated/difficult to use	141 1%	68 1%	0 -	73 3%	0 -	0 -	68 1%	0 -	73 10%	0 -	0 -	0 -	0 -	0 -	73 1%	0 -	0 -
Don't have equipment	141 1%	68 1%	0 -	73 3%	68 2%	0 -	0 -	0 -	0 -	73 6%	0 -	0 -	0 -	0 -	0 -	73 2%	68 3%
Does not work well with organic practice	138 1%	138 1%	0 -	0 -	0 -	0 -	138 3%	0 -	0 -	0 -	0 -	0 -	0 -	138 5%	0 -	0 -	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	138 1%	138 1%	0 -	0 -	138 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 1%	70 2%	0 -
Crop size is too small	133 1%	42 0	66 14%	26 1%	0 -	42 1%	0 -	0 -	26 4%	0 -	0 -	66 28%	0 -	0 -	68 1%	0 -	66 3%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_3. What is the main reason you did not use Buffer strips? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
We are using BMP	113 1%	0 -	0 -	113 4% A	0 -	0 -	0 -	0 -	56 8%	56 5%	0 -	0 -	0 -	56 2%	0 -	0 -	56 3%
Area has enough nutrients	106 1%	106 1%	0 -	0 -	0 -	0 -	106 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	64 1%	0 -	42 2%
Don't have the manpower/labor	69 0	44 0	0 -	25 1%	0 -	0 -	44 1%	0 -	0 -	25 2%	0 -	0 -	0 -	0 -	69 1%	0 -	0 -
I do have a plan/ I am working on it	56 0	0 -	0 -	56 2%	0 -	0 -	0 -	0 -	0 -	56 5%	0 -	0 -	0 -	0 -	56 1%	0 -	0 -
Zero till usage	56 0	0 -	0 -	56 2%	0 -	0 -	0 -	0 -	0 -	56 5%	0 -	0 -	0 -	0 -	56 1%	0 -	0 -
Soil erosion	33 0	0 -	33 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 14%	0 -	0 -	0 -	0 -	0 -	33 2%
Don't operate livestock/ not enough livestock or cattle	33 0	0 -	33 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 14%	0 -	33 2%	0 -	0 -	0 -	0 -
Other	930 6%	573 4%	24 5%	332 12%	232 5%	135 4%	206 4%	73 8%	73 10%	186 16%	0 -	24 10%	0 -	189 7%	346 6%	154 5%	184 9%
No reason	68 0	68 1%	0 -	0 -	0 -	0 -	68 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 2%	0 -
(DK/NS)	780 5%	558 4%	33 7%	189 7%	81 2%	252 7%	226 5%	83 9%	106 14%	0 -	33 14%	0 -	231 14%	26 1%	175 3%	283 9%	65 3%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_4. What is the main reason you did not use Conservation tillage or minimum till? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	149	77	19	53	24	29	24	22	17	14	12	7	21	15	44	36	23
Weighted	9930	6623*	590**	2717*	2148**	2394**	2081**	1188**	839**	691**	385**	205**	1641**	1005**	3185*	2039*	1125**
Cost /expensive	1383 14%	1045 16%	66 11%	272 10%	376 18%	183 8%	486 23%	215 18%	56 7%	0 -	66 17%	0 -	215 13%	93 9%	702 22%	303 15%	70 6%
No need for it	1320 13%	1073 16%	90 15%	156 6%	228 11%	481 20%	364 17%	0 -	84 10%	73 11%	66 17%	24 12%	90 5%	250 25%	278 9%	520 26%	0 -
Zero till usage	1189 12%	964 15%	0 -	225 8%	426 20%	367 15%	171 8%	0 -	56 7%	169 24%	0 -	0 -	81 5%	214 21%	437 14%	183 9%	113 10%
Don't have equipment	873 9%	471 7%	33 6%	369 14%	110 5%	245 10%	116 6%	152 13%	165 20%	53 8%	0 -	33 16%	73 4%	259 26%	362 11%	153 8%	26 2%
Use other farm practices (conservation tillage, direct seeding, etc.)	560 6%	471 7%	33 6%	56 2%	196 9%	0 -	275 13%	0 -	56 7%	0 -	33 9%	0 -	196 12%	0 -	42 1%	84 4%	238 21%
Not effective	456 5%	231 3%	0 -	225 8%	51 2%	180 7%	0 -	168 14%	56 7%	0 -	0 -	0 -	0 -	108 11%	100 3%	39 2%	209 19%
Don't see need	406 4%	185 3%	33 6%	188 7%	81 4%	0 -	103 5%	59 5%	56 7%	73 11%	33 9%	0 -	60 4%	0 -	211 7%	135 7%	0 -
Soil erosion	362 4%	362 5%	0 -	0 -	0 -	0 -	362 17%	0 -	0 -	0 -	0 -	0 -	280 17%	0 -	81 3%	0 -	0 -
Crop size is too small	313 3%	240 4%	0 -	73 3%	44 2%	196 8%	0 -	0 -	73 9%	0 -	0 -	0 -	0 -	0 -	313 10%	0 -	0 -
Not suited for the type of crop I am planting	298 3%	92 1%	66 11%	140 5%	0 -	46 2%	46 2%	56 5%	84 10%	0 -	66 17%	0 -	56 3%	0 -	31 1%	164 8%	46 4%
Crops we grow require tillage/ no tillage doesn't work	296 3%	76 1%	90 15%	130 5%	57 3%	19 1%	0 -	130 11%	0 -	0 -	66 17%	24 12%	139 8%	57 6%	56 2%	24 1%	19 2%
Use crop rotation (incl. does not fit into my rotation)	254 3%	44 1%	33 6%	178 7%	44 2%	0 -	0 -	105 9%	73 9%	0 -	0 -	33 16%	0 -	0 -	117 4%	0 -	138 12%
Do not have the right soil type	192 2%	86 1%	33 6%	73 3%	0 -	42 2%	44 2%	0 -	0 -	73 11%	0 -	33 16%	0 -	0 -	73 2%	42 2%	77 7%
Don't have the time	183 2%	183 3%	0 -	0 -	183 9%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	183 11%	0 -	0 -	0 -	0 -
We use manure	166 2%	68 1%	24 4%	73 3%	0 -	68 3%	0 -	0 -	0 -	73 11%	0 -	24 12%	0 -	0 -	0 -	73 4%	92 8%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_4. What is the main reason you did not use Conservation tillage or minimum till? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Does not work well with organic practice	81	81	0	0	0	81	0	0	0	0	0	0	81	0	0	0	0
	1%	1%	-	-	-	3%	-	-	-	-	-	-	5%	-	-	-	-
Doesn't fit into my schedule	73	0	0	73	0	0	0	73	0	0	0	0	0	0	0	73	0
	1%	-	-	3%	-	-	-	6%	-	-	-	-	-	-	-	4%	-
We are using BMP	69	69	0	0	69	0	0	0	0	0	0	0	0	0	0	69	0
	1%	1%	-	-	3%	-	-	-	-	-	-	-	-	-	-	3%	-
Don't have the manpower/labor	56	0	0	56	0	0	0	0	0	56	0	0	0	0	0	0	0
	1%	-	-	2%	-	-	-	-	-	8%	-	-	-	-	-	-	-
Prefer to do it on our own	56	0	0	56	0	0	0	56	0	0	0	0	0	0	0	56	0
	1%	-	-	2%	-	-	-	5%	-	-	-	-	-	-	-	3%	-
Farm not near rivers or waterways	46	46	0	0	0	46	0	0	0	0	0	0	46	0	0	0	0
	0	1%	-	-	-	2%	-	-	-	-	-	-	3%	-	-	-	-
Area has enough nutrients	46	46	0	0	0	0	46	0	0	0	0	0	0	0	0	0	46
	0	1%	-	-	-	-	2%	-	-	-	-	-	-	-	-	-	4%
I do have a plan/ I am working on it	33	0	33	0	0	0	0	0	0	0	0	33	33	0	0	0	0
	0	-	6%	-	-	-	-	-	-	-	-	16%	2%	-	-	-	-
Not familiar with practice	27	0	0	27	0	0	0	27	0	0	0	0	0	0	27	0	0
	0	-	-	1%	-	-	-	2%	-	-	-	-	-	-	1%	-	-
Other	581	445	33	103	81	296	68	0	52	51	33	0	33	0	171	120	51
	6%	7%	6%	4%	4%	12%	3%	-	6%	7%	9%	-	2%	-	5%	6%	5%
No reason	51	0	24	26	0	0	0	0	26	0	24	0	0	24	26	0	0
	1%	-	4%	1%	-	-	-	-	3%	-	6%	-	-	2%	1%	-	-
(DK/NS)	560	345	0	215	201	145	0	146	0	69	0	0	73	0	156	0	0
	6%	5%	-	8%	9%	6%	-	12%	-	10%	-	-	4%	-	5%	-	-

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_5. What is the main reason you did not use No-till, which would include direct seeding? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	318	178	55	85	80	68	30	27	35	23	21	34	58	46	96	63	45
Weighted	20714	14942	1637*	4135*	6703*	5922*	2317**	1264**	1804*	1067**	647**	990*	4326*	3543**	6658*	3495*	2070*
Don't have equipment	5085 25%	4223 28% C	270 17%	592 14%	2118 32%	1921 32%	183 8%	209 17%	221 12%	162 15%	66 10%	205 21%	881 20%	1246 35%	2111 32% OP	500 14%	214 10%
Cost /expensive	4683 23%	3896 26% B	90 6%	697 17%	1704 25%	1344 23%	848 37%	212 17%	332 18%	153 14%	57 9%	33 3%	1202 28% P	536 15%	1829 27% P	879 25% P	53 3%
Not effective	1633 8%	927 6%	221 13%	485 12%	273 4%	597 10%	57 2%	64 5%	369 20%	53 5%	24 4%	196 20%	230 5%	132 4%	646 10%	286 8%	222 11%
No need for it	1542 7%	706 5%	426 26% AC	410 10%	272 4%	346 6%	88 4%	109 9%	98 5%	203 19%	254 39%	172 17%	246 6%	197 6%	410 6%	193 6%	463 22% LNO
Do not have the right soil type	1128 5%	653 4%	90 6%	385 9%	133 2%	292 5%	228 10%	73 6%	156 9%	156 15%	24 4%	66 7%	24 1%	73 2%	346 5%	519 15% L	165 8%
Crops we grow require tillage/ no tillage doesn't work	784 4%	443 3%	98 6%	242 6%	207 3%	94 2%	143 6%	73 6%	56 3%	113 11%	0 -	98 10%	234 5%	56 2%	151 2%	118 3%	178 9%
Don't see need	718 3%	479 3%	24 1%	214 5%	321 5%	158 3%	0 -	53 4%	104 6%	56 5%	0 -	24 2%	164 4%	403 11%	27 0	56 2%	68 3%
Do not use fertilizer/chemicals	606 3%	533 4%	0 -	73 2%	533 8% E	0 -	0 -	0 -	73 4%	0 -	0 -	0 -	450 10% N	0 -	87 1%	69 2%	0 -
Does not work well with organic practice	490 2%	490 3%	0 -	0 -	280 4%	141 2%	68 3%	0 -	0 -	0 -	0 -	0 -	141 3%	280 8%	68 1%	0 -	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	457 2%	384 3%	0 -	73 2%	181 3%	203 3%	0 -	0 -	0 -	73 7%	0 -	0 -	181 4%	0 -	203 3%	73 2%	0 -
Problems with weeds	340 2%	316 2%	24 1%	0 -	0 -	224 4%	92 4%	0 -	0 -	0 -	0 -	24 2%	24 1%	44 1%	181 3%	0 -	92 4%
Not suited for the type of crop I am planting	315 2%	109 1%	123 8% A	83 2%	0 -	0 -	109 5%	56 4%	26 1%	0 -	33 5%	90 9%	56 1%	26 1%	24 0	98 3%	0 -
Area has enough nutrients	248 1%	191 1%	57 3%	0 -	173 3%	0 -	19 1%	0 -	0 -	0 -	57 9%	0 -	51 1%	24 1%	0 -	154 4%	19 1%
Farm not near rivers or waterways	227 1%	227 2%	0 -	0 -	183 3%	0 -	44 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	227 3%	0 -	0 -
Don't have/use manure	142 1%	69 0	0 -	73 2%	0 -	69 1%	0 -	73 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 2%	69 3%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_5. What is the main reason you did not use No-till, which would include direct seeding? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
We use manure	141 1%	68 0	0 -	73 2%	0 -	68 1%	0 -	0 -	0 -	73 7%	0 -	0 -	0 -	0 -	0 -	73 2%	68 3%
Don't have the manpower/labor	131 1%	0 -	33 2%	98 2% A	0 -	0 -	0 -	73 6%	0 -	25 2%	33 5%	0 -	33 1%	0 -	25 0	73 2%	0 -
Doesn't fit into my schedule	115 1%	42 0	0 -	73 2%	0 -	0 -	42 2%	73 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 2%	42 2%
Crop size is too small	109 1%	57 0	24 1%	27 1%	57 1%	0 -	0 -	0 -	27 2%	0 -	0 -	24 2%	57 1%	0 -	24 0	27 1%	0 -
We use fertilizer	107 1%	107 1%	0 -	0 -	107 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	107 2%	0 -	0 -	0 -	0 -
Use crop rotation (incl. does not fit into my rotation)	97 0	0 -	66 4% A	31 1%	0 -	0 -	0 -	0 -	31 2%	0 -	33 5%	33 3%	0 -	0 -	31 0	0 -	66 3%
Zero till usage	90 0	90 1%	0 -	0 -	0 -	0 -	90 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	90 4% N
Yields are not high enough	73 0	0 -	0 -	73 2%	0 -	0 -	0 -	73 6%	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	0 -	0 -
We are using BMP	42 0	42 0	0 -	0 -	0 -	42 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 1%	0 -	0 -
Too complicated/difficult to use	33 0	0 -	33 2% A	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 3%	0 -	33 1%	0 -	0 -	0 -
Other	1624 8%	1177 8%	90 6%	357 9%	322 5%	492 8%	363 16%	121 10%	236 13%	0 -	66 10%	24 2%	331 8%	493 14%	282 4%	156 4%	362 18% NO
(DK/NS)	73 0	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	73 4%	0 -	0 -	0 -	0 -	0 -	0 -	73 2%	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_6. What is the main reason you did not use A Nutrient management plan? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	262	132	27	103	53	43	36	31	36	36	14	13	44	36	83	59	30
Weighted	20224	13431*	777**	6016*	6016*	4217**	3199**	1674**	2147*	2195*	418**	360**	3278**	3178**	7234*	4310*	1593**
No need for it	4829 24%	2482 18%	180 23%	2168 36% A	1609 27%	160 4%	713 22%	414 25%	674 31%	1080 49%	131 31%	49 14%	343 10%	938 29%	1564 22%	1372 32%	339 21%
Cost /expensive	2831 14%	2568 19%	106 14%	157 3%	1182 20%	837 20%	548 17%	27 2%	130 6%	0 -	49 12%	57 16%	701 21%	415 13%	1266 17%	161 4%	212 13%
Don't have the time	1900 9%	787 6%	139 18%	974 16% A	0 -	354 8%	433 14%	276 17%	349 16%	349 16%	57 14%	82 23%	424 13%	277 9%	829 11%	216 5%	154 10%
Don't see need	1172 6%	958 7%	57 7%	156 3%	349 6%	300 7%	309 10%	100 6%	56 3%	0 -	33 8%	24 7%	60 2%	497 16%	149 2%	385 9%	0 -
Not effective	998 5%	750 6%	24 3%	223 4%	232 4%	518 12%	0 -	167 10%	0 -	56 3%	0 -	24 7%	145 4%	234 7%	485 7%	111 3%	0 -
Prefer to do it on our own	959 5%	903 7%	0 -	56 1%	137 2%	396 9%	370 12%	56 3%	0 -	0 -	0 -	0 -	337 10%	0 -	464 6%	69 2%	90 6%
Not familiar with practice	648 3%	589 4%	33 4%	26 0	544 9%	45 1%	0 -	0 -	0 -	26 1%	0 -	33 9%	149 5%	0 -	0 -	473 11% N	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	584 3%	560 4%	24 3%	0 -	264 4%	244 6%	51 2%	0 -	0 -	0 -	24 6%	0 -	264 8%	24 1%	244 3%	51 1%	0 -
Don't have equipment	541 3%	541 4%	0 -	0 -	46 1%	448 11%	46 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	314 4%	181 4%	46 3%
I do have a plan/ I am working on it	449 2%	133 1%	0 -	316 5%	0 -	91 2%	42 1%	0 -	130 6%	186 8%	0 -	0 -	0 -	0 -	101 1%	203 5%	98 6%
Crop size is too small	374 2%	218 2%	0 -	156 3%	181 3%	37 1%	0 -	83 5%	73 3%	0 -	0 -	0 -	56 2%	280 9%	0 -	37 1%	0 -
We are using BMP	367 2%	139 1%	0 -	229 4%	139 2%	0 -	0 -	99 6%	56 3%	73 3%	0 -	0 -	73 2%	0 -	165 2%	73 2%	56 4%
Don't have/use manure	362 2%	64 0	0 -	298 5% A	0 -	0 -	64 2%	56 3%	129 6%	113 5%	0 -	0 -	73 2%	0 -	0 -	56 1%	176 11%
Don't operate livestock/ not enough livestock or cattle	242 1%	0 -	0 -	242 4% A	0 -	0 -	0 -	56 3%	56 3%	129 6%	0 -	0 -	56 2%	0 -	129 2%	0 -	56 4%
Don't have the manpower/labor	235 1%	235 2%	0 -	0 -	154 3%	0 -	81 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	154 4%	81 5%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_6. What is the main reason you did not use A Nutrient management plan? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Do not have the right soil type	139 1%	139 1%	0 -	0 -	0 -	139 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 1%	96 2%	0 -
Do not use fertilizer/chemicals	119 1%	119 1%	0 -	0 -	51 1%	68 2%	0 -	0 -	0 -	0 -	0 -	0 -	51 2%	0 -	68 1%	0 -	0 -
Area has enough nutrients	84 0	84 1%	0 -	0 -	0 -	84 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	84 2%	0 -
Not suited for the type of crop I am planting	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	73 3%	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	0 -
We use fertilizer	68 0	68 1%	0 -	0 -	0 -	68 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 1%	0 -	0 -
We use manure	56 0	0 -	0 -	56 1%	0 -	0 -	0 -	56 3%	0 -	0 -	0 -	0 -	0 -	0 -	56 1%	0 -	0 -
Farm not near rivers or waterways	44 0	44 0	0 -	0 -	0 -	0 -	44 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	44 1%	0 -	0 -
Too complicated/difficult to use	33 0	0 -	33 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 8%	0 -	0 -	0 -	0 -	0 -	33 2%
Use crop rotation (incl. does not fit into my rotation)	24 0	0 -	24 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 6%	0 -	24 1%	0 -	0 -	0 -	0 -
Other	1491 7%	907 7%	131 17%	453 8%	580 10%	141 3%	185 6%	73 4%	225 10%	156 7%	66 16%	66 18%	106 3%	117 4%	1008 14%	103 2%	157 10%
No reason	95 0	69 1%	0 -	26 0	0 -	69 2%	0 -	0 -	26 1%	0 -	0 -	0 -	0 -	0 -	95 1%	0 -	0 -
(DK/NS)	1586 8%	1156 9%	24 3%	405 7%	548 9%	216 5%	392 12%	209 12%	169 8%	27 1%	0 -	24 7%	415 13%	323 10%	223 3%	485 11%	93 6%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3_10. What is the main reason you did not use Any beneficial management practice? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	22	17	2	3	10	5	2	1	1	1	2	0	8	4	4	1	1
Weighted	2210*	1935**	66**	209**	1105**	678**	152**	80**	56**	73**	66**	-**	767**	307**	453**	90**	68**
Cost /expensive	918 42%	845 44%	0 -	73 35%	216 20%	545 80%	84 55%	0 -	0 -	73 100%	0 -	0 -	179 23%	110 36%	365 80%	0 -	0 -
Use crop rotation (incl. does not fit into my rotation)	326 15%	326 17%	0 -	0 -	326 29%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	280 37%	0 -	45 10%	0 -	0 -
Don't have the time	250 11%	250 13%	0 -	0 -	250 23%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 9%	0 -	0 -	0 -	0 -
No need for it	196 9%	116 6%	0 -	80 38%	116 10%	0 -	0 -	80 100%	0 -	0 -	0 -	0 -	116 15%	0 -	0 -	0 -	0 -
Too complicated/difficult to use	116 5%	116 6%	0 -	0 -	116 10%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 38%	0 -	0 -	0 -
Not effective	81 4%	81 4%	0 -	0 -	81 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 26%	0 -	0 -	0 -
Yields are not high enough	68 3%	68 4%	0 -	0 -	0 -	0 -	68 45%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 100%
Don't see need	33 1%	0 -	33 50%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 50%	0 -	33 4%	0 -	0 -	0 -	0 -
Other	146 7%	90 5%	0 -	56 27%	0 -	90 13%	0 -	0 -	56 100%	0 -	0 -	0 -	56 7%	0 -	0 -	90 100%	0 -
(DK/NS)	76 3%	44 2%	33 50%	0 -	0 -	44 6%	0 -	0 -	0 -	0 -	33 50%	0 -	33 4%	0 -	44 10%	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a_1. Any others? Soil Testing [OTHER MENTIONS]

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned a reason	131	93	8	30	41	33	19	11	11	8	4	4	31	32	44	11	3
Weighted	11894*	9998*	237**	1659**	4234**	3389**	2375**	578**	606**	475**	123**	114**	2485**	3370**	3973**	939**	169**
Cost /expensive	1141 10%	1114 11%	0 -	26 2%	428 10%	532 16%	154 6%	0 -	26 4%	0 -	0 -	0 -	42 2%	226 7%	663 17%	153 16%	0 -
No need for it	648 5%	534 5%	0 -	114 7%	299 7%	192 6%	44 2%	83 14%	31 5%	0 -	0 -	0 -	387 16%	90 3%	70 2%	102 11%	0 -
Don't see need	536 5%	407 4%	0 -	129 8%	182 4%	141 4%	84 4%	129 22%	0 -	0 -	0 -	0 -	199 8%	157 5%	181 5%	0 -	0 -
Too complicated/difficult to use	307 3%	233 2%	0 -	73 4%	196 5%	37 1%	0 -	0 -	0 -	73 15%	0 -	0 -	196 8%	0 -	73 2%	37 4%	0 -
Do not use fertilizer/chemicals	196 2%	196 2%	0 -	0 -	0 -	0 -	196 8%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	196 5%	0 -	0 -
Not effective	158 1%	158 2%	0 -	0 -	0 -	158 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	90 3%	68 2%	0 -	0 -
Prefer to do it on our own	138 1%	138 1%	0 -	0 -	0 -	138 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Don't have the manpower/labor	68 1%	68 1%	0 -	0 -	68 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 2%	0 -	0 -
We use fertilizer	45 0	45 0	0 -	0 -	45 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	45 2%	0 -	0 -	0 -	0 -
Lack of accuracy	42 0	42 0	0 -	0 -	0 -	42 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 1%	0 -	0 -
Don't have the time	33 0	0 -	33 14%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 29%	0 -	33 1%	0 -	0 -	0 -
Other	523 4%	450 5%	0 -	73 4%	271 6%	0 -	179 8%	0 -	73 12%	0 -	0 -	0 -	0 -	64 2%	248 6%	211 22%	0 -
No reason	1599 13%	1083 11%	98 41%	418 25%	180 4%	623 18%	280 12%	110 19%	109 18%	199 42%	66 53%	33 29%	182 7%	766 23%	202 5%	165 18%	113 67%
(DK/NS)	6649 56%	5718 57%	106 45%	824 50%	2633 62%	1564 46%	1522 64%	256 44%	366 60%	203 43%	57 47%	49 43%	1434 58%	2027 60%	2231 56%	308 33%	56 33%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a_2. Any others? Variable rate fertilizer applications using GPS and in-field monitoring [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned a reason Weighted	403	239	34	130	69	79	91	28	44	58	9	25	41	47	119	103	77
	26812	18734	1024*	7054	5424*	6292*	7019*	1485**	2379*	3190*	262**	762**	2836**	3604*	8920*	6241*	4197*
Cost /expensive	2872 11%	1987 11%	98 10%	786 11%	715 13%	464 7%	808 12%	56 4%	259 11%	471 15%	33 13%	66 9%	359 13%	411 11%	786 9%	631 10%	523 12%
Don't have equipment	2582 10%	2065 11%	0 -	517 7%	550 10%	1131 18%	384 5%	69 5%	302 13%	146 5%	0 -	0 -	378 13%	369 10%	700 8%	595 10%	323 8%
No need for it	893 3%	768 4%	24 2%	101 1%	46 1%	141 2%	580 8%	0 -	101 4%	0 -	24 9%	0 -	24 1%	270 7%	479 5%	73 1%	0 -
Don't see need	814 3%	329 2%	0 -	485 7%	261 5%	68 1%	0 -	186 12%	299 13%	0 -	0 -	0 -	0 -	154 4%	322 4%	283 5%	56 1%
Not effective	751 3%	371 2%	24 2%	355 5%	70 1%	187 3%	114 2%	73 5%	56 2%	225 7%	0 -	24 3%	70 2%	163 5%	56 1%	257 4%	205 5%
Too complicated/difficult to use	259 1%	0 -	0 -	259 4%	0 -	0 -	0 -	73 5%	130 5%	56 2%	0 -	0 -	0 -	0 -	73 1%	113 2%	73 2%
Yields are not high enough	238 1%	182 1%	0 -	56 1%	45 1%	45 1%	92 1%	0 -	56 2%	0 -	0 -	0 -	45 2%	0 -	101 1%	0 -	92 2%
Use crop rotation (incl. does not fit into my rotation)	227 1%	201 1%	0 -	26 0	0 -	0 -	201 3%	0 -	0 -	26 1%	0 -	0 -	0 -	0 -	227 3%	0 -	0 -
Not familiar with practice	199 1%	175 1%	24 2%	0 -	37 1%	138 2%	0 -	0 -	0 -	0 -	0 -	24 3%	0 -	0 -	105 1%	70 1%	24 1%
I will be retiring from farming	170 1%	87 0	0 -	83 1%	0 -	87 1%	0 -	56 4%	26 1%	0 -	0 -	0 -	56 2%	0 -	113 1%	0 -	0 -
Don't have the time	168 1%	168 1%	0 -	0 -	0 -	0 -	168 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	125 1%	44 1%	0 -
Don't have the manpower/labor	158 1%	158 1%	0 -	0 -	0 -	158 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	90 3%	0 -	0 -	68 2%
Not available in my area	147 1%	0 -	0 -	147 2%	0 -	0 -	0 -	0 -	73 3%	73 2%	0 -	0 -	0 -	0 -	0 -	147 2%	0 -
Crop size is too small	101 0	45 0	0 -	56 1%	45 1%	0 -	0 -	0 -	56 2%	0 -	0 -	0 -	0 -	0 -	45 1%	56 1%	0 -
Does not work well with organic practice	87 0	87 0	0 -	0 -	87 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	87 1%	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a_2. Any others? Variable rate fertilizer applications using GPS and in-field monitoring [OTHER MENTIONS]

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Lack of accuracy	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	0 -	73 1%	0 -
Do not use fertilizer/chemicals	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	73 3%	0 -	0 -	0 -	0 -
We use manure	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	73 3%	0 -	0 -	0 -	0 -
Do not have the right soil type	56 0	0 -	0 -	56 1%	0 -	0 -	0 -	0 -	56 2%	0 -	0 -	0 -	0 -	0 -	56 1%	0 -	0 -
I do have a plan/ I am working on it	46 0	46 0	0 -	0 -	0 -	0 -	46 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	46 1%	0 -
We use fertilizer	42 0	42 0	0 -	0 -	0 -	0 -	42 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 1%	0 -
Other	739 3%	469 3%	90 9%	180 3%	0 -	130 2%	339 5%	0 -	84 4%	96 3%	0 -	90 12%	33 1%	0 -	238 3%	108 2%	360 9%
No reason	3587 13%	2165 12%	213 21%	1209 17%	954 18%	509 8%	702 10%	225 15%	369 16%	614 19%	57 22%	156 20%	114 4%	616 17%	1314 15%	1022 16%	272 6%
(DK/NS)	13203 49%	9678 52%	549 54%	2976 42%	2701 50%	3320 53%	3657 52%	802 54%	795 33%	1379 43%	147 56%	401 53%	1685 59%	1532 42%	4422 50%	2913 47%	2310 55%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a_3. Any others? Buffer strips [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned a reason	200	140	14	46	43	41	56	15	12	19	6	8	16	29	68	45	34
Weighted	15260	12254*	434**	2572*	4213**	3559**	4482*	797**	631**	1144**	197**	237**	1437**	2644**	5591*	2797*	1986**
No need for it	1597 10%	1328 11%	66 15%	203 8%	307 7%	501 14%	520 12%	130 16%	73 12%	0 -	33 17%	33 14%	149 10%	526 20%	528 9%	118 4%	174 9%
Not effective	498 3%	295 2%	0 -	203 8%	207 5%	0 -	88 2%	146 18%	0 -	56 5%	0 -	0 -	73 5%	0 -	263 5%	119 4%	42 2%
Don't see need	314 2%	240 2%	0 -	73 3%	222 5%	0 -	19 0	73 9%	0 -	0 -	0 -	0 -	138 10%	84 3%	0 -	92 3%	0 -
Too complicated/difficult to use	257 2%	257 2%	0 -	0 -	181 4%	0 -	76 2%	0 -	0 -	0 -	0 -	0 -	181 13%	0 -	76 1%	0 -	0 -
Do not use fertilizer/chemicals	201 1%	201 2%	0 -	0 -	0 -	0 -	201 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Farm not near rivers or waterways	116 1%	116 1%	0 -	0 -	0 -	51 1%	64 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	64 1%	0 -	51 3%
Not suited for the type of crop I am planting	83 1%	0 -	0 -	83 3% A	0 -	0 -	0 -	56 7%	26 4%	0 -	0 -	0 -	56 4%	26 1%	0 -	0 -	0 -
Don't have equipment	56 0	0 -	0 -	56 2%	0 -	0 -	0 -	56 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	56 2%	0 -
Cost /expensive	44 0	44 0	0 -	0 -	0 -	0 -	44 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	44 1%	0 -	0 -
Other	345 2%	272 2%	0 -	73 3%	183 4%	1 0	87 2%	0 -	0 -	73 6%	0 -	0 -	183 13%	1 0	0 -	73 3%	87 4%
No reason	3187 21%	2574 21%	33 8%	581 23%	521 12%	1229 35%	824 18%	122 15%	216 34%	242 21%	0 -	33 14%	174 12%	821 31%	1291 23%	587 21%	314 16%
(DK/NS)	8607 56%	6971 57%	336 77%	1300 51%	2592 62%	1777 50%	2603 58%	212 27%	316 50%	772 68%	164 83%	172 72%	483 34%	1185 45%	3368 60%	1751 63%	1317 66%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a.4. Any others? Conservation tillage or minimum till [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned a reason	143	75	19	49	23	28	24	20	17	12	12	7	20	15	42	36	23
Weighted	9457	6365*	590**	2502*	1947**	2337**	2081**	1041**	839**	622**	385**	205**	1567**	1005**	3116**	2039*	1125**
Cost /expensive	679 7%	523 8%	0 -	156 6%	235 12%	207 9%	81 4%	73 7%	0 -	83 13%	0 -	0 -	183 12%	51 5%	81 3%	143 7%	26 2%
Soil erosion	343 4%	343 5%	0 -	0 -	0 -	92 4%	252 12%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	182 6%	92 4%	70 6%
No need for it	240 3%	174 3%	66 11%	0 -	44 2%	84 4%	46 2%	0 -	0 -	0 -	66 17%	0 -	66 4%	0 -	128 4%	46 2%	0 -
Not effective	227 2%	70 1%	57 10%	100 4%	70 4%	0 -	0 -	73 7%	0 -	26 4%	0 -	57 28%	33 2%	70 7%	0 -	124 6%	0 -
Crops we grow require tillage/ no tillage doesn't work	156 2%	90 1%	66 11%	0 -	0 -	90 4%	0 -	0 -	0 -	0 -	33 9%	33 16%	33 2%	0 -	90 3%	0 -	33 3%
Use other farm practices (conservation tillage, direct seeding, etc.)	139 1%	139 2%	0 -	0 -	57 3%	0 -	81 4%	0 -	0 -	0 -	0 -	0 -	0 -	57 6%	0 -	0 -	81 7%
Area has enough nutrients	136 1%	136 2%	0 -	0 -	0 -	0 -	136 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	92 4%	44 4%
We use manure	130 1%	0 -	0 -	130 5% A	0 -	0 -	0 -	56 5%	0 -	73 12%	0 -	0 -	0 -	0 -	130 4%	0 -	0 -
Don't have equipment	119 1%	46 1%	0 -	73 3%	0 -	0 -	46 2%	73 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	119 6%	0 -
We are using BMP	116 1%	116 2%	0 -	0 -	116 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 12%	0 -	0 -	0 -
Use crop rotation (incl. does not fit into my rotation)	113 1%	0 -	0 -	113 5%	0 -	0 -	0 -	56 5%	56 7%	0 -	0 -	0 -	0 -	56 6%	0 -	56 3%	0 -
Don't have the manpower/labor	109 1%	109 2%	0 -	0 -	109 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	109 11%	0 -	0 -	0 -
Do not have the right soil type	100 1%	44 1%	0 -	56 2%	0 -	44 2%	0 -	56 5%	0 -	0 -	0 -	0 -	0 -	0 -	44 1%	56 3%	0 -
Don't see need	96 1%	69 1%	0 -	27 1%	69 4%	0 -	0 -	0 -	27 3%	0 -	0 -	0 -	0 -	0 -	69 2%	27 1%	0 -
Yields are not high enough	92 1%	92 1%	0 -	0 -	0 -	92 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	92 3%	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a.4. Any others? Conservation tillage or minimum till [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Does not work well with organic practice	90 1%	90 1%	0 -	0 -	0 -	90 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	90 3%	0 -	0 -
Crop size is too small	73 1%	0 -	0 -	73 3%	0 -	0 -	0 -	0 -	73 9%	0 -	0 -	0 -	73 5%	0 -	0 -	0 -	0 -
Problems with weeds	57 1%	57 1%	0 -	0 -	0 -	0 -	57 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	57 2%	0 -	0 -
Zero till usage	57 1%	57 1%	0 -	0 -	57 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	57 3%	0 -
Do not use fertilizer/chemicals	57 1%	57 1%	0 -	0 -	0 -	0 -	57 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	57 2%	0 -	0 -
Don't have the time	51 1%	51 1%	0 -	0 -	51 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	51 5%	0 -	0 -	0 -
Other	688 7%	510 8%	0 -	178 7%	109 6%	92 4%	309 15%	78 8%	0 -	100 16%	0 -	0 -	46 3%	51 5%	168 5%	199 10%	223 20%
No reason	1257 13%	656 10%	82 14%	519 21%	278 14%	90 4%	288 14%	123 12%	323 38%	73 12%	24 6%	57 28%	103 7%	167 17%	618 20%	368 18%	0 -
(DK/NS)	5119 54%	3592 56%	320 54%	1207 48%	929 48%	1545 66%	1117 54%	580 56%	359 43%	267 43%	263 68%	57 28%	1031 66%	394 39%	1548 50%	938 46%	799 71%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a_5. Any others? No-till, which would include direct seeding [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned a reason	317	178	55	84	80	68	30	27	34	23	21	34	58	46	96	62	45
Weighted	20641	14942	1637*	4061*	6703*	5922*	2317**	1264**	1731**	1067**	647**	990*	4326*	3543**	6658*	3421*	2070*
Cost /expensive	2036 10%	1627 11%	197 12%	212 5%	504 8%	796 13%	327 14%	130 10%	83 5%	0 -	66 10%	131 13%	238 5%	581 16%	501 8%	358 10%	269 13%
Not effective	982 5%	530 4%	90 5%	362 9%	92 1%	315 5%	122 5%	137 11%	56 3%	169 16%	33 5%	57 6%	0 -	290 8%	390 6%	157 5%	145 7%
Don't have equipment	970 5%	742 5%	0 -	229 6%	390 6%	160 3%	191 8%	26 2%	56 3%	146 14%	0 -	0 -	161 4%	76 2%	350 5%	264 8%	73 4%
No need for it	620 3%	376 3%	115 7%	129 3%	289 4%	87 1%	0 -	56 4%	73 4%	0 -	0 -	115 12%	301 7%	81 2%	70 1%	0 -	82 4%
Do not use fertilizer/chemicals	539 3%	466 3%	0 -	73 2%	44 1%	423 7%	0 -	0 -	73 4%	0 -	0 -	0 -	44 1%	87 2%	251 4%	157 5%	0 -
Don't see need	347 2%	87 1%	57 3%	203 5% A	87 1%	0 -	0 -	56 4%	146 8%	0 -	57 9%	0 -	114 3%	161 5%	73 1%	0 -	0 -
Yields are not high enough	331 2%	201 1%	57 3%	73 2%	0 -	201 3%	0 -	0 -	73 4%	0 -	0 -	57 6%	0 -	0 -	201 3%	57 2%	73 4%
Not suited for the type of crop I am planting	326 2%	64 0	33 2%	229 6% A	64 1%	0 -	0 -	146 12%	0 -	83 8%	0 -	33 3%	137 3%	0 -	0 -	106 3%	83 4% N
Problems with weeds	295 1%	169 1%	0 -	126 3%	0 -	70 1%	100 4%	26 2%	99 6%	0 -	0 -	0 -	0 -	0 -	84 1%	169 5%	42 2%
Crops we grow require tillage/ no tillage doesn't work	278 1%	212 1%	66 4% C	0 -	0 -	212 4%	0 -	0 -	0 -	0 -	33 5%	33 3%	33 1%	0 -	70 1%	37 1%	0 -
Area has enough nutrients	275 1%	275 2%	0 -	0 -	0 -	189 3%	86 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 1%	165 5%	42 2%
Do not have the right soil type	242 1%	45 0	66 4% A	131 3% A	0 -	45 1%	0 -	99 8%	31 2%	0 -	0 -	66 7%	73 2%	0 -	103 2%	33 1%	33 2%
We use fertilizer	181 1%	181 1%	0 -	0 -	181 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	181 4%	0 -	0 -	0 -	0 -
I will be retiring from farming	101 0	45 0	0 -	56 1%	45 1%	0 -	0 -	56 4%	0 -	0 -	0 -	0 -	101 2%	0 -	0 -	0 -	0 -
Don't have the manpower/labor	81 0	81 1%	0 -	0 -	81 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 1%	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a_5. Any others? No-till, which would include direct seeding [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Too complicated/difficult to use	73 0	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	73 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 4%
We use manure	73 0	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	73 4%	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	68 0	68 0	0 -	0 -	68 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 2%	0 -	0 -	0 -
Crop size is too small	68 0	68 0	0 -	0 -	68 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 1%	0 -	0 -
Zero till usage	56 0	0 -	0 -	56 1%	0 -	0 -	0 -	0 -	56 3%	0 -	0 -	0 -	0 -	56 2%	0 -	0 -	0 -
Doesn't fit into my schedule	46 0	46 0	0 -	0 -	46 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Other	533 3%	423 3%	57 3%	53 1%	178 3%	203 3%	42 2%	26 2%	0 -	26 2%	57 9%	0 -	24 1%	66 2%	116 2%	165 5%	161 8%
No reason	2523 12%	1677 11%	262 16%	584 14%	759 11%	602 10%	317 14%	126 10%	293 17%	165 15%	123 19%	139 14%	360 8%	504 14%	905 14%	410 12%	318 15%
(DK/NS)	10531 51%	7984 53%	704 43%	1843 45%	3851 57%	2916 49%	1217 53%	507 40%	746 43%	590 55%	279 43%	425 43%	2689 62%	1731 49%	3374 51%	1603 47%	946 46%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a_6. Any others? A Nutrient management plan [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned a reason	242	122	26	94	47	40	35	27	32	35	14	12	37	34	81	52	28
Weighted	18937	12518*	753**	5667*	5514**	4001**	3002**	1521**	1978*	2168*	418**	335**	2862**	3051**	7011*	3882*	1499**
Cost /expensive	1290 7%	867 7%	0 -	423 7%	81 1%	293 7%	493 16%	56 4%	220 11%	147 7%	0 -	0 -	154 5%	73 2%	763 11%	299 8%	0 -
No need for it	995 5%	560 4%	24 3%	411 7%	57 1%	171 4%	332 11%	299 20%	113 6%	0 -	24 6%	0 -	194 7%	286 9%	192 3%	242 6%	0 -
Don't have the time	877 5%	432 3%	73 10%	372 7%	183 3%	181 5%	68 2%	259 17%	0 -	113 5%	24 6%	49 15%	208 7%	0 -	130 2%	403 10%	137 9%
Not familiar with practice	485 3%	428 3%	0 -	56 1%	428 8%	0 -	0 -	0 -	0 -	56 3%	0 -	0 -	0 -	0 -	56 1%	428 11% N	0 -
Crop size is too small	196 1%	196 2%	0 -	0 -	0 -	196 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	196 3%	0 -	0 -
Not effective	123 1%	123 1%	0 -	0 -	0 -	123 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 1%	0 -	81 2%	0 -
Don't see need	119 1%	46 0	0 -	73 1%	46 1%	0 -	0 -	0 -	73 4%	0 -	0 -	0 -	0 -	46 2%	0 -	73 2%	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	109 1%	76 1%	33 4%	0 -	0 -	0 -	76 3%	0 -	0 -	0 -	0 -	33 10%	0 -	0 -	0 -	109 3%	0 -
Do not use fertilizer/chemicals	98 1%	0 -	24 3%	73 1%	0 -	0 -	0 -	73 5%	0 -	0 -	24 6%	0 -	98 3%	0 -	0 -	0 -	0 -
Don't have the manpower/labor	87 0	87 1%	0 -	0 -	87 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	87 3%	0 -	0 -	0 -	0 -
Too complicated/difficult to use	84 0	84 1%	0 -	0 -	0 -	84 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	84 2%	0 -
Don't have equipment	81 0	81 1%	0 -	0 -	81 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 1%	0 -	0 -
Prefer to do it on our own	81 0	81 1%	0 -	0 -	0 -	81 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Not suited for the type of crop I am planting	56 0	0 -	0 -	56 1%	0 -	0 -	0 -	0 -	56 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	56 4%
I do have a plan/ I am working on it	56 0	0 -	0 -	56 1%	0 -	0 -	0 -	0 -	0 -	56 3%	0 -	0 -	0 -	0 -	0 -	56 1%	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a_6. Any others? A Nutrient management plan [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Area has enough nutrients	33	0	33	0	0	0	0	0	0	0	0	33	0	33	0	0	0
	0	-	4%	-	-	-	-	-	-	-	-	10%	-	1%	-	-	-
Other	638	353	0	285	0	181	172	156	0	129	0	0	73	73	379	56	56
	3%	3%	-	5%	-	5%	6%	10%	-	6%	-	-	3%	2%	5%	1%	4%
No reason	2973	1954	172	848	1341	118	495	126	307	415	147	24	396	553	1146	640	137
	16%	16%	23%	15%	24%	3%	16%	8%	16%	19%	35%	7%	14%	18%	16%	16%	9%
(DK/NS)	10908	7366	417	3125	3209	2655	1502	665	1209	1252	221	196	1677	1946	4203	1523	1112
	58%	59%	55%	55%	58%	66%	50%	44%	61%	58%	53%	59%	59%	64%	60%	39%	74%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3a_10. Any others? Any beneficial management practice [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned a reason	20	16	1	3	10	4	2	1	1	1	1	0	7	4	3	1	1
Weighted	2133*	1891**	33**	209**	1105**	635**	152**	80**	56**	73**	33**	-**	734**	307**	410**	90**	68**
No need for it	269 13%	196 10%	0 -	73 35%	0 -	196 31%	0 -	0 -	0 -	73 100%	0 -	0 -	73 10%	0 -	0 -	0 -	0 -
Don't see need	260 12%	181 10%	0 -	80 38%	181 16%	0 -	0 -	80 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Cost /expensive	116 5%	116 6%	0 -	0 -	116 10%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 38%	0 -	0 -	0 -
Do not use fertilizer/chemicals	70 3%	70 4%	0 -	0 -	70 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 9%	0 -	0 -	0 -	0 -
Not suited for the type of crop I am planting	45 2%	45 2%	0 -	0 -	45 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	45 11%	0 -	0 -
Other	149 7%	149 8%	0 -	0 -	81 7%	68 11%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 26%	0 -	0 -	0 -
No reason	68 3%	68 4%	0 -	0 -	68 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 22%	0 -	0 -	0 -
(DK/NS)	1156 54%	1067 56%	33 100%	56 27%	545 49%	370 58%	152 100%	0 -	56 100%	0 -	33 100%	0 -	592 81%	42 14%	365 89%	90 100%	68 100%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL_1. What are the reasons you did not use Soil Testing? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	142	98	10	34	46	33	19	13	13	8	5	5	37	33	47	12	3
Weighted	12420*	10302*	303**	1816*	4538**	3389**	2375**	652**	689**	475**	156**	147**	2785**	3396**	4142*	970**	169**
Cost /expensive	3981 32%	3678 36%	0 -	302 17%	1417 31%	1001 30%	1260 53%	56 9%	173 25%	73 15%	0 -	0 -	936 34%	814 24%	1817 44%	226 23%	0 -
No need for it	3204 26%	2489 24%	123 41%	592 33%	1163 26%	848 25%	478 20%	414 64%	31 5%	146 31%	66 42%	57 39%	1257 45%	823 24%	363 9%	519 54%	0 -
Don't see need	1074 9%	871 8%	0 -	203 11%	646 14%	141 4%	84 4%	129 20%	0 -	73 15%	0 -	0 -	199 7%	553 16%	322 8%	0 -	0 -
Not effective	972 8%	948 9%	24 8%	0 -	64 1%	348 10%	536 23%	0 -	0 -	0 -	0 -	24 17%	0 -	285 8%	455 11%	208 21%	0 -
Don't have the time	936 8%	608 6%	66 22%	262 14%	405 9%	203 6%	0 -	64 10%	100 14%	99 21%	0 -	66 45%	26 1%	257 8%	395 10%	0 -	56 33%
Too complicated/difficult to use	448 4%	375 4%	0 -	73 4%	338 7%	37 1%	0 -	0 -	0 -	73 15%	0 -	0 -	196 7%	0 -	215 5%	37 4%	0 -
Do not use fertilizer/chemicals	432 3%	432 4%	0 -	0 -	44 1%	192 6%	196 8%	0 -	0 -	0 -	0 -	0 -	44 2%	0 -	312 8%	0 -	0 -
Yields are not high enough	428 3%	428 4%	0 -	0 -	428 9%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	428 13%	0 -	0 -	0 -
We are using BMP	395 3%	195 2%	0 -	200 11% A	57 1%	138 4%	0 -	100 15%	73 11%	27 6%	0 -	0 -	73 3%	0 -	184 4%	0 -	0 -
Prefer to do it on our own	275 2%	275 3%	0 -	0 -	70 2%	206 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 2%	68 2%	0 -	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	271 2%	141 1%	0 -	130 7%	0 -	141 4%	0 -	0 -	130 19%	0 -	0 -	0 -	0 -	73 2%	141 3%	0 -	56 33%
I do have a plan/ I am working on it	242 2%	242 2%	0 -	0 -	0 -	81 2%	161 7%	0 -	0 -	0 -	0 -	0 -	0 -	81 2%	161 4%	0 -	0 -
Don't have the manpower/labor	190 2%	158 2%	0 -	31 2%	68 1%	90 3%	0 -	0 -	31 5%	0 -	0 -	0 -	31 1%	0 -	68 2%	0 -	0 -
Doesn't fit into my schedule	184 1%	184 2%	0 -	0 -	184 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 4%	68 2%	0 -	0 -	0 -
Not available in my area	183 1%	183 2%	0 -	0 -	183 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	183 7%	0 -	0 -	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3to1_1. What are the reasons you did not use Soil Testing? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Don't have equipment	181 1%	181 2%	0 -	0 -	181 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	181 4%	0 -	0 -
Use crop rotation (incl. does not fit into my rotation)	166 1%	66 1%	0 -	100 5%	66 1%	0 -	0 -	0 -	100 14%	0 -	0 -	0 -	73 3%	93 3%	0 -	0 -	0 -
Not suited for the type of crop I am planting	159 1%	159 2%	0 -	0 -	0 -	159 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	102 10%	0 -
We use fertilizer	137 1%	137 1%	0 -	0 -	45 1%	92 3%	0 -	0 -	0 -	0 -	0 -	0 -	137 5%	0 -	0 -	0 -	0 -
Crop size is too small	116 1%	116 1%	0 -	0 -	0 -	116 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 3%	0 -	0 -	0 -
Lack of accuracy	42 0	42 0	0 -	0 -	0 -	42 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 1%	0 -	0 -
We use manure	24 0	0 -	24 8%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 16%	0 -	0 -	24 1%	0 -	0 -	0 -
Other	1410 11%	1254 12%	0 -	156 9%	322 7%	753 22%	179 8%	26 4%	73 11%	56 12%	0 -	0 -	51 2%	345 10%	746 18%	211 22%	56 33%
No reason	127 1%	68 1%	33 11%	26 1%	68 1%	0 -	0 -	0 -	26 4%	0 -	33 21%	0 -	33 1%	0 -	94 2%	0 -	0 -
(DK/NS)	526 4%	304 3%	66 22%	157 9%	304 7%	0 -	0 -	74 11%	83 12%	0 -	33 21%	33 22%	300 11%	26 1%	169 4%	31 3%	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL2. What are the reasons you did not use Variable rate fertilizer applications using GPS and in-field monitoring? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	410	242	35	133	70	80	92	28	45	60	9	26	41	48	121	104	80
Weighted	27240	18953	1048*	7239	5508*	6362*	7083*	1485**	2435*	3320*	262**	786**	2836**	3688*	9046*	6314*	4342*
Cost /expensive	14620 54%	11122 59%	344 33%	3153 44%	3103 56%	4130 65%	3889 55%	337 23%	1124 46%	1692 51%	57 22%	287 37%	1713 60%	2010 54%	5220 58%	2977 47%	1912 44%
Don't have equipment	10007 37%	7460 39%	279 27%	2268 31%	2589 47%	2352 37%	2519 36%	268 18%	1042 43%	958 29%	66 25%	213 27%	1193 42%	1369 37%	3072 34%	2425 38%	1457 34%
No need for it	2819 10%	1663 9%	205 20%	951 13%	132 2%	599 9%	933 13%	315 21%	213 9%	422 13%	147 56%	57 7%	219 8%	508 14%	727 8%	718 11%	567 13%
Don't see need	1556 6%	985 5%	33 3%	539 7%	608 11%	149 2%	228 3%	186 12%	327 13%	26 1%	0 -	33 4%	33 1%	500 14%	348 4%	575 9%	100 2%
Not effective	1103 4%	584 3%	82 8%	437 6%	70 1%	187 3%	326 5%	73 5%	56 2%	308 9%	0 -	82 10%	70 2%	163 4%	56 1%	508 8%	282 6%
Do not use fertilizer/chemicals	742 3%	513 3%	0 -	229 3%	286 5%	181 3%	46 1%	0 -	73 3%	156 5%	0 -	0 -	73 3%	0 -	475 5%	0 -	194 4%
Crop size is too small	551 2%	191 1%	0 -	360 5%	191 3%	0 -	0 -	276 19%	84 3%	0 -	0 -	0 -	84 3%	84 2%	162 2%	148 2%	74 2%
Not familiar with practice	512 2%	287 2%	57 5%	167 2%	37 1%	184 3%	66 1%	84 6%	56 2%	27 1%	0 -	57 7%	56 2%	0 -	262 3%	169 3%	24 1%
Don't have the time	453 2%	215 1%	82 8%	157 2%	0 -	0 -	215 3%	56 4%	0 -	101 3%	0 -	82 10%	0 -	0 -	214 2%	166 3%	73 2%
Too complicated/difficult to use	390 1%	57 0	0 -	332 5%	0 -	0 -	57 1%	73 5%	203 8%	56 2%	0 -	0 -	0 -	0 -	204 2%	113 2%	73 2%
Not available in my area	309 1%	46 0	33 3%	230 3%	0 -	46 1%	0 -	27 2%	130 5%	73 2%	0 -	33 4%	0 -	27 1%	46 1%	147 2%	33 1%
Use crop rotation (incl. does not fit into my rotation)	300 1%	201 1%	0 -	100 1%	0 -	0 -	201 3%	0 -	73 3%	26 1%	0 -	0 -	73 3%	0 -	227 3%	0 -	0 -
Yields are not high enough	280 1%	224 1%	0 -	56 1%	45 1%	45 1%	134 2%	0 -	56 2%	0 -	0 -	0 -	45 2%	0 -	101 1%	0 -	134 3%
I do have a plan/ I am working on it	266 1%	233 1%	33 3%	0 -	0 -	0 -	233 3%	0 -	0 -	0 -	0 -	33 4%	0 -	0 -	0 -	79 1%	187 4%
Don't have the manpower/labor	231 1%	158 1%	0 -	73 1%	0 -	158 2%	0 -	73 5%	0 -	0 -	0 -	0 -	0 -	90 2%	73 1%	0 -	68 2%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL_2. What are the reasons you did not use Variable rate fertilizer applications using GPS and in-field monitoring? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
I will be retiring from farming	207 1%	87 0	0 -	120 2%	0 -	87 1%	0 -	56 4%	64 3%	0 -	0 -	0 -	94 3%	0 -	113 1%	0 -	0 -
Do not have the right soil type	130 0	0 -	0 -	130 2% A	0 -	0 -	0 -	73 5%	56 2%	0 -	0 -	0 -	0 -	0 -	56 1%	73 1%	0 -
We use fertilizer	115 0	42 0	0 -	73 1%	0 -	0 -	42 1%	73 5%	0 -	0 -	0 -	0 -	73 3%	0 -	0 -	42 1%	0 -
Does not work well with organic practice	112 0	87 0	24 2% C	0 -	87 2%	0 -	0 -	0 -	0 -	0 -	24 9%	0 -	24 1%	0 -	87 1%	0 -	0 -
We use manure	99 0	0 -	0 -	99 1%	0 -	0 -	0 -	0 -	0 -	99 3%	0 -	0 -	73 3%	0 -	26 0	0 -	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	81 0	81 0	0 -	0 -	0 -	0 -	81 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 1%	0 -	0 -
Lack of accuracy	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	0 -	73 1%	0 -
Prefer to do it on our own	68 0	68 0	0 -	0 -	0 -	68 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 1%	0 -	0 -
Other	1732 6%	1042 5%	115 11%	576 8%	132 2%	130 2%	779 11%	26 2%	194 8%	355 11%	24 9%	90 11%	123 4%	81 2%	558 6%	300 5%	670 15% MO
(DK/NS)	455 2%	218 1%	24 2%	212 3%	84 2%	70 1%	64 1%	0 -	83 3%	129 4%	0 -	24 3%	0 -	110 3%	126 1%	73 1%	145 3%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL_3. What are the reasons you did not use Buffer strips? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	212	147	15	50	44	44	59	17	14	19	7	8	19	30	71	48	36
Weighted	16040	12812*	467**	2761*	4294**	3810*	4707*	879**	737**	1144**	230**	237**	1668**	2670**	5766*	3080*	2051**
No need for it	9323 58%	8036 63%	279 60%	1008 37%	2860 67%	2303 60%	2874 61%	343 39%	203 28%	462 40%	131 57%	147 62%	801 48%	1829 69%	3368 58%	1324 43%	1320 64%
Don't see need	1764 11%	1335 10%	0 -	428 16%	309 7%	439 12%	588 12%	345 39%	84 11%	0 -	0 -	0 -	390 23%	299 11%	519 9%	454 15%	0 -
Not effective	1065 7%	673 5%	33 7%	359 13%	504 12%	0 -	170 4%	276 31%	26 4%	56 5%	0 -	33 14%	313 19%	26 1%	390 7%	261 8%	75 4%
Not familiar with practice	908 6%	733 6%	33 7%	142 5%	269 6%	273 7%	191 4%	26 3%	89 12%	26 2%	33 14%	0 -	79 5%	106 4%	339 6%	350 11%	33 2%
Cost /expensive	757 5%	627 5%	0 -	130 5%	218 5%	196 5%	213 5%	0 -	0 -	130 11%	0 -	0 -	181 11%	196 7%	221 4%	0 -	159 8%
Farm not near rivers or waterways	609 4%	380 3%	0 -	229 8%	0 -	273 7%	106 2%	83 9%	73 10%	73 6%	0 -	0 -	0 -	107 4%	243 4%	146 5%	112 5%
Too complicated/difficult to use	398 2%	325 3%	0 -	73 3%	181 4%	0 -	144 3%	0 -	73 10%	0 -	0 -	0 -	181 11%	0 -	149 3%	0 -	0 -
Problems with weeds	387 2%	387 3%	0 -	0 -	0 -	0 -	387 8%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	280 5%	0 -	106 5%
Don't have the time	286 2%	286 2%	0 -	0 -	106 2%	181 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	106 4%	0 -	181 6%	0 -
Use crop rotation (incl. does not fit into my rotation)	238 1%	238 2%	0 -	0 -	0 -	181 5%	57 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	238 4%	0 -	0 -
Do not use fertilizer/chemicals	201 1%	201 2%	0 -	0 -	0 -	0 -	201 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Don't have equipment	198 1%	68 1%	0 -	130 5% A	68 2%	0 -	0 -	56 6%	0 -	73 6%	0 -	0 -	0 -	0 -	0 -	130 4%	68 3%
Does not work well with organic practice	138 1%	138 1%	0 -	0 -	0 -	0 -	138 3%	0 -	0 -	0 -	0 -	0 -	0 -	138 5%	0 -	0 -	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	138 1%	138 1%	0 -	0 -	138 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 1%	70 2%	0 -
Crop size is too small	133 1%	42 0	66 14%	26 1%	0 -	42 1%	0 -	0 -	26 4%	0 -	0 -	66 28%	0 -	0 -	68 1%	0 -	66 3%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL_3. What are the reasons you did not use Buffer strips? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
We are using BMP	113 1%	0 -	0 -	113 4% A	0 -	0 -	0 -	0 -	56 8%	56 5%	0 -	0 -	0 -	56 2%	0 -	0 -	56 3%
Area has enough nutrients	106 1%	106 1%	0 -	0 -	0 -	0 -	106 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	64 1%	0 -	42 2%
Not suited for the type of crop I am planting	83 1%	0 -	0 -	83 3% A	0 -	0 -	0 -	56 6%	26 4%	0 -	0 -	0 -	56 3%	26 1%	0 -	0 -	0 -
Don't have the manpower/labor	69 0	44 0	0 -	25 1%	0 -	0 -	44 1%	0 -	0 -	25 2%	0 -	0 -	0 -	0 -	69 1%	0 -	0 -
I do have a plan/ I am working on it	56 0	0 -	0 -	56 2%	0 -	0 -	0 -	0 -	0 -	56 5%	0 -	0 -	0 -	0 -	56 1%	0 -	0 -
Zero till usage	56 0	0 -	0 -	56 2%	0 -	0 -	0 -	0 -	0 -	56 5%	0 -	0 -	0 -	0 -	56 1%	0 -	0 -
Soil erosion	33 0	0 -	33 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 14%	0 -	0 -	0 -	0 -	0 -	33 2%
Don't operate livestock/ not enough livestock or cattle	33 0	0 -	33 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 14%	0 -	33 2%	0 -	0 -	0 -	0 -
Other	1275 8%	845 7%	24 5%	405 15%	415 10%	136 4%	293 6%	73 8%	73 10%	259 23%	0 -	24 10%	183 11%	190 7%	346 6%	227 7%	272 13%
No reason	68 0	68 1%	0 -	0 -	0 -	0 -	68 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 2%	0 -
(DK/NS)	780 5%	558 4%	33 7%	189 7%	81 2%	252 7%	226 5%	83 9%	106 14%	0 -	33 14%	0 -	231 14%	26 1%	175 3%	283 9%	65 3%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL 4. What are the reasons you did not use Conservation tillage or minimum till? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	149	77	19	53	24	29	24	22	17	14	12	7	21	15	44	36	23
Weighted	9930	6623*	590**	2717*	2148**	2394**	2081**	1188**	839**	691**	385**	205**	1641**	1005**	3185*	2039*	1125**
Cost /expensive	2062 21%	1569 24%	66 11%	428 16%	611 28%	391 16%	567 27%	289 24%	56 7%	83 12%	66 17%	0 -	398 24%	144 14%	784 25%	446 22%	96 9%
No need for it	1559 16%	1247 19%	156 26%	156 6%	272 13%	565 24%	410 20%	0 -	84 10%	73 11%	131 34%	24 12%	156 9%	250 25%	406 13%	567 28%	0 -
Zero till usage	1189 12%	964 15%	0 -	225 8%	426 20%	367 15%	171 8%	0 -	56 7%	169 24%	0 -	0 -	81 5%	214 21%	437 14%	183 9%	113 10%
Don't have equipment	993 10%	517 8%	33 6%	443 16%	110 5%	245 10%	162 8%	225 19%	165 20%	53 8%	0 -	33 16%	73 4%	259 26%	362 11%	273 13%	26 2%
Soil erosion	705 7%	705 11%	0 -	0 -	0 -	92 4%	613 29%	0 -	0 -	0 -	0 -	0 -	280 17%	0 -	263 8%	92 4%	70 6%
Not effective	682 7%	301 5%	57 10%	324 12%	121 6%	180 7%	0 -	242 20%	56 7%	26 4%	0 -	57 28%	33 2%	177 18%	100 3%	163 8%	209 19%
Use other farm practices (conservation tillage, direct seeding, etc.)	618 6%	528 8%	33 6%	56 2%	254 12%	0 -	275 13%	0 -	56 7%	0 -	33 9%	0 -	196 12%	57 6%	42 1%	84 4%	238 21%
Don't see need	502 5%	253 4%	33 6%	216 8%	150 7%	0 -	103 5%	59 5%	84 10%	73 11%	33 9%	0 -	60 4%	0 -	279 9%	162 8%	0 -
Crops we grow require tillage/ no tillage doesn't work	451 5%	166 3%	156 26%	130 5%	57 3%	109 5%	0 -	130 11%	0 -	0 -	98 26%	57 28%	172 10%	57 6%	146 5%	24 1%	51 5%
Crop size is too small	386 4%	240 4%	0 -	146 5%	44 2%	196 8%	0 -	0 -	146 17%	0 -	0 -	0 -	73 4%	0 -	313 10%	0 -	0 -
Use crop rotation (incl. does not fit into my rotation)	367 4%	44 1%	33 6%	291 11%	44 2%	0 -	0 -	161 14%	130 15%	0 -	0 -	33 16%	0 -	56 6%	117 4%	56 3%	138 12%
Not suited for the type of crop I am planting	298 3%	92 1%	66 11%	140 5%	0 -	46 2%	46 2%	56 5%	84 10%	0 -	66 17%	0 -	56 3%	0 -	31 1%	164 8%	46 4%
We use manure	295 3%	68 1%	24 4%	203 7%	0 -	68 3%	0 -	56 5%	0 -	147 21%	0 -	24 12%	0 -	0 -	130 4%	73 4%	92 8%
Do not have the right soil type	292 3%	130 2%	33 6%	130 5%	0 -	86 4%	44 2%	56 5%	0 -	73 11%	0 -	33 16%	0 -	0 -	117 4%	98 5%	77 7%
Don't have the time	235 2%	235 4%	0 -	0 -	235 11%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	183 11%	51 5%	0 -	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL_4. What are the reasons you did not use Conservation tillage or minimum till? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
We are using BMP	184 2%	184 3%	0 -	0 -	184 9%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 12%	0 -	69 3%	0 -
Area has enough nutrients	182 2%	182 3%	0 -	0 -	0 -	0 -	182 9%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	92 4%	90 8%
Does not work well with organic practice	171 2%	171 3%	0 -	0 -	0 -	171 7%	0 -	0 -	0 -	0 -	0 -	0 -	81 5%	0 -	90 3%	0 -	0 -
Don't have the manpower/labor	166 2%	109 2%	0 -	56 2%	109 5%	0 -	0 -	0 -	0 -	56 8%	0 -	0 -	0 -	109 11%	0 -	0 -	0 -
Yields are not high enough	92 1%	92 1%	0 -	0 -	0 -	92 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	92 3%	0 -	0 -
Doesn't fit into my schedule	73 1%	0 -	0 -	73 3%	0 -	0 -	0 -	73 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 4%	0 -
Problems with weeds	57 1%	57 1%	0 -	0 -	0 -	0 -	57 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	57 2%	0 -	0 -
Do not use fertilizer/chemicals	57 1%	57 1%	0 -	0 -	0 -	0 -	57 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	57 2%	0 -	0 -
Prefer to do it on our own	56 1%	0 -	0 -	56 2%	0 -	0 -	0 -	56 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	56 3%	0 -
Farm not near rivers or waterways	46 0	46 1%	0 -	0 -	0 -	46 2%	0 -	0 -	0 -	0 -	0 -	0 -	46 3%	0 -	0 -	0 -	0 -
I do have a plan/ I am working on it	33 0	0 -	33 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 16%	33 2%	0 -	0 -	0 -	0 -
Not familiar with practice	27 0	0 -	0 -	27 1%	0 -	0 -	0 -	27 2%	0 -	0 -	0 -	0 -	0 -	0 -	27 1%	0 -	0 -
Other	1175 12%	887 13%	33 6%	255 9%	190 9%	388 16%	309 15%	78 7%	52 6%	125 18%	33 9%	0 -	79 5%	51 5%	340 11%	251 12%	248 22%
No reason	51 1%	0 -	24 4%	26 1%	0 -	0 -	0 -	0 -	26 3%	0 -	24 6%	0 -	0 -	24 2%	26 1%	0 -	0 -
(DK/NS)	560 6%	345 5%	0 -	215 8%	201 9%	145 6%	0 -	146 12%	0 -	69 10%	0 -	0 -	73 4%	0 -	156 5%	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL_5. What are the reasons you did not use No-till, which would include direct seeding? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	318	178	55	85	80	68	30	27	35	23	21	34	58	46	96	63	45
Weighted	20714	14942	1637*	4135*	6703*	5922*	2317**	1264**	1804*	1067**	647**	990*	4326*	3543**	6658*	3495*	2070*
Cost /expensive	6500 31%	5304 35% B	287 18%	909 22%	2070 31%	2140 36%	1094 47%	342 27%	415 23%	153 14%	123 19%	164 17%	1440 33%	1116 32%	2330 35% P	1018 29%	322 16%
Don't have equipment	6055 29%	4964 33% B	270 17%	821 20%	2508 37%	2081 35%	375 16%	235 19%	277 15%	308 29%	66 10%	205 21%	1042 24%	1322 37%	2461 37% P	764 22%	287 14%
Not effective	2569 12%	1411 9%	311 19%	848 20% A	319 5%	912 15%	180 8%	200 16%	426 24%	221 21%	57 9%	253 26%	230 5%	422 12%	990 15%	443 13%	367 18%
No need for it	2162 10%	1082 7%	540 33% AC	539 13%	561 8%	433 7%	88 4%	165 13%	171 9%	203 19%	254 39%	286 29%	547 13%	277 8%	480 7%	193 6%	545 26% NO
Do not have the right soil type	1291 6%	653 4%	123 8%	516 12% A	133 2%	292 5%	228 10%	173 14%	187 10%	156 15%	24 4%	98 10%	98 2%	73 2%	404 6%	519 15% L	198 10%
Do not use fertilizer/chemicals	1145 6%	999 7%	0 -	146 4%	576 9%	423 7%	0 -	0 -	146 8%	0 -	0 -	0 -	493 11%	87 2%	338 5%	226 6%	0 -
Don't see need	1065 5%	566 4%	82 5%	417 10%	408 6%	158 3%	0 -	110 9%	251 14%	56 5%	57 9%	24 2%	278 6%	563 16%	100 2%	56 2%	68 3%
Crops we grow require tillage/ no tillage doesn't work	1062 5%	655 4%	164 10%	242 6%	207 3%	306 5%	143 6%	73 6%	56 3%	113 11%	33 5%	131 13%	267 6%	56 2%	221 3%	156 4%	178 9%
Problems with weeds	635 3%	485 3%	24 1%	126 3%	0 -	294 5%	191 8%	26 2%	99 6%	0 -	0 -	24 2%	24 1%	44 1%	264 4%	169 5%	134 6%
Not suited for the type of crop I am planting	608 3%	174 1%	123 8% A	312 8% A	64 1%	0 -	109 5%	203 16%	26 1%	83 8%	33 5%	90 9%	194 4%	26 1%	24 0	172 5%	83 4%
Use other farm practices (conservation tillage, direct seeding, etc.)	525 3%	452 3%	0 -	73 2%	249 4%	203 3%	0 -	0 -	0 -	73 7%	0 -	0 -	181 4%	68 2%	203 3%	73 2%	0 -
Area has enough nutrients	524 3%	467 3%	57 3%	0 -	173 3%	189 3%	105 5%	0 -	0 -	0 -	57 9%	0 -	51 1%	24 1%	68 1%	319 9% N	61 3%
Does not work well with organic practice	490 2%	490 3%	0 -	0 -	280 4%	141 2%	68 3%	0 -	0 -	0 -	0 -	0 -	141 3%	280 8%	68 1%	0 -	0 -
Yields are not high enough	405 2%	201 1%	57 3%	147 4%	0 -	201 3%	0 -	73 6%	73 4%	0 -	0 -	57 6%	73 2%	0 -	201 3%	57 2%	73 4%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3to_5. What are the reasons you did not use No-till, which would include direct seeding? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
We use fertilizer	288 1%	288 2%	0 -	0 -	288 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	288 7% N	0 -	0 -	0 -	0 -
Farm not near rivers or waterways	227 1%	227 2%	0 -	0 -	183 3%	0 -	44 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	227 3%	0 -	0 -
We use manure	215 1%	68 0	0 -	147 4% A	0 -	68 1%	0 -	0 -	73 4%	73 7%	0 -	0 -	0 -	73 2%	0 -	73 2%	68 3%
Don't have the manpower/labor	212 1%	81 1%	33 2%	98 2%	81 1%	0 -	0 -	73 6%	0 -	25 2%	33 5%	0 -	33 1%	0 -	106 2%	73 2%	0 -
Crop size is too small	177 1%	125 1%	24 1%	27 1%	125 2%	0 -	0 -	0 -	27 2%	0 -	0 -	24 2%	57 1%	0 -	92 1%	27 1%	0 -
Doesn't fit into my schedule	161 1%	88 1%	0 -	73 2%	46 1%	0 -	42 2%	73 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 2%	42 2%
Zero till usage	146 1%	90 1%	0 -	56 1%	0 -	0 -	90 4%	0 -	56 3%	0 -	0 -	0 -	0 -	56 2%	0 -	0 -	90 4% N
Don't have/use manure	142 1%	69 0	0 -	73 2%	0 -	69 1%	0 -	73 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 2%	69 3%
Too complicated/difficult to use	106 1%	0 -	33 2% A	73 2%	0 -	0 -	0 -	0 -	73 4%	0 -	0 -	33 3%	0 -	33 1%	0 -	0 -	73 4%
I will be retiring from farming	101 0	45 0	0 -	56 1%	45 1%	0 -	0 -	56 4%	0 -	0 -	0 -	0 -	101 2%	0 -	0 -	0 -	0 -
Use crop rotation (incl. does not fit into my rotation)	97 0	0 -	66 4% A	31 1%	0 -	0 -	0 -	0 -	31 2%	0 -	33 5%	33 3%	0 -	0 -	31 0	0 -	66 3%
We are using BMP	42 0	42 0	0 -	0 -	0 -	42 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 1%	0 -	0 -
Other	2037 10%	1506 10%	147 9%	383 9%	500 7%	643 11%	363 16%	121 10%	236 13%	26 2%	123 19%	24 2%	355 8%	559 16%	371 6%	321 9%	430 21% N
(DK/NS)	73 0	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	73 4%	0 -	0 -	0 -	0 -	0 -	0 -	73 2%	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL_6. What are the reasons you did not use A Nutrient management plan? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	262	132	27	103	53	43	36	31	36	36	14	13	44	36	83	59	30
Weighted	20224	13431*	777**	6016*	6016*	4217**	3199**	1674**	2147*	2195*	418**	360**	3278**	3178**	7234*	4310*	1593**
No need for it	5564 28%	2950 22%	205 26%	2410 40% A	1666 28%	331 8%	952 30%	657 39%	674 31%	1080 49%	156 37%	49 14%	537 16%	1224 39%	1608 22%	1502 35%	339 21%
Cost /expensive	3851 19%	3239 24%	106 14%	506 8%	1264 21%	934 22%	1042 33%	84 5%	276 13%	147 7%	49 12%	57 16%	855 26%	489 15%	1832 25%	387 9%	212 13%
Don't have the time	2648 13%	1219 9%	212 27%	1217 20% A	183 3%	534 13%	501 16%	462 28%	349 16%	405 18%	82 20%	131 36%	632 19%	277 9%	886 12%	618 14%	234 15%
Don't see need	1291 6%	1004 7%	57 7%	230 4%	395 7%	300 7%	309 10%	100 6%	130 6%	0 -	33 8%	24 7%	60 2%	543 17%	149 2%	458 11%	0 -
Not effective	1121 6%	873 6%	24 3%	223 4%	232 4%	641 15%	0 -	167 10%	0 -	56 3%	0 -	24 7%	145 4%	275 9%	485 7%	192 4%	0 -
Prefer to do it on our own	1040 5%	984 7%	0 -	56 1%	137 2%	477 11%	370 12%	56 3%	0 -	0 -	0 -	0 -	337 10%	0 -	464 6%	69 2%	90 6%
Not familiar with practice	705 3%	589 4%	33 4%	83 1%	544 9%	45 1%	0 -	0 -	0 -	83 4%	0 -	33 9%	149 5%	0 -	56 1%	473 11% N	0 -
Use other farm practices (conservation tillage, direct seeding, etc.)	693 3%	636 5%	57 7%	0 -	264 4%	244 6%	127 4%	0 -	0 -	0 -	24 6%	33 9%	264 8%	24 1%	244 3%	160 4%	0 -
Don't have equipment	622 3%	622 5%	0 -	0 -	127 2%	448 11%	46 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	395 5%	181 4%	46 3%
Crop size is too small	570 3%	414 3%	0 -	156 3%	181 3%	233 6%	0 -	83 5%	73 3%	0 -	0 -	0 -	56 2%	280 9%	196 3%	37 1%	0 -
I do have a plan/ I am working on it	505 2%	133 1%	0 -	372 6% A	0 -	91 2%	42 1%	0 -	130 6%	242 11%	0 -	0 -	0 -	0 -	101 1%	259 6%	98 6%
We are using BMP	367 2%	139 1%	0 -	229 4%	139 2%	0 -	0 -	99 6%	56 3%	73 3%	0 -	0 -	73 2%	0 -	165 2%	73 2%	56 4%
Don't have/use manure	362 2%	64 0	0 -	298 5% A	0 -	0 -	64 2%	56 3%	129 6%	113 5%	0 -	0 -	73 2%	0 -	0 -	56 1%	176 11%
Don't have the manpower/labor	323 2%	323 2%	0 -	0 -	241 4%	0 -	81 3%	0 -	0 -	0 -	0 -	0 -	87 3%	0 -	0 -	154 4%	81 5%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL_6. What are the reasons you did not use A Nutrient management plan? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Don't operate livestock/ not enough livestock or cattle	242 1%	0 -	0 -	242 4% A	0 -	0 -	0 -	56 3%	56 3%	129 6%	0 -	0 -	56 2%	0 -	129 2%	0 -	56 4%
Do not use fertilizer/chemicals	217 1%	119 1%	24 3%	73 1%	51 1%	68 2%	0 -	73 4%	0 -	0 -	24 6%	0 -	149 5%	0 -	68 1%	0 -	0 -
Do not have the right soil type	139 1%	139 1%	0 -	0 -	0 -	139 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 1%	96 2%	0 -
Not suited for the type of crop I am planting	130 1%	0 -	0 -	130 2%	0 -	0 -	0 -	0 -	130 6%	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	56 4%
Area has enough nutrients	117 1%	84 1%	33 4%	0 -	0 -	84 2%	0 -	0 -	0 -	0 -	0 -	33 9%	0 -	33 1%	0 -	84 2%	0 -
Too complicated/difficult to use	117 1%	84 1%	33 4%	0 -	0 -	84 2%	0 -	0 -	0 -	0 -	33 8%	0 -	0 -	0 -	0 -	84 2%	33 2%
We use fertilizer	68 0	68 1%	0 -	0 -	0 -	68 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 1%	0 -	0 -
We use manure	56 0	0 -	0 -	56 1%	0 -	0 -	0 -	56 3%	0 -	0 -	0 -	0 -	0 -	0 -	56 1%	0 -	0 -
Farm not near rivers or waterways	44 0	44 0	0 -	0 -	0 -	0 -	44 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	44 1%	0 -	0 -
Use crop rotation (incl. does not fit into my rotation)	24 0	0 -	24 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 6%	0 -	24 1%	0 -	0 -	0 -	0 -
Other	2129 11%	1260 9%	131 17%	738 12%	580 10%	322 8%	357 11%	229 14%	225 10%	285 13%	66 16%	66 18%	179 5%	190 6%	1387 19% O	160 4%	213 13%
No reason	95 0	69 1%	0 -	26 0	0 -	69 2%	0 -	0 -	26 1%	0 -	0 -	0 -	0 -	0 -	95 1%	0 -	0 -
(DK/NS)	1333 7%	960 7%	24 3%	349 6%	548 9%	216 5%	196 6%	153 9%	169 8%	27 1%	0 -	24 7%	415 13%	127 4%	223 3%	428 10%	93 6%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q3toL_10. What are the reasons you did not use Any beneficial management practice? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Familiar with practice but did not use	22	17	2	3	10	5	2	1	1	1	2	0	8	4	4	1	1
Weighted	2210*	1935**	66**	209**	1105**	678**	152**	80**	56**	73**	66**	-**	767**	307**	453**	90**	68**
Cost /expensive	1034 47%	961 50%	0 -	73 35%	332 30%	545 80%	84 55%	0 -	0 -	73 100%	0 -	0 -	179 23%	226 74%	365 80%	0 -	0 -
No need for it	465 21%	312 16%	0 -	153 73%	116 10%	196 29%	0 -	80 100%	0 -	73 100%	0 -	0 -	189 25%	0 -	0 -	0 -	0 -
Use crop rotation (incl. does not fit into my rotation)	326 15%	326 17%	0 -	0 -	326 29%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	280 37%	0 -	45 10%	0 -	0 -
Don't see need	293 13%	181 9%	33 50%	80 38%	181 16%	0 -	0 -	80 100%	0 -	0 -	33 50%	0 -	33 4%	0 -	0 -	0 -	0 -
Don't have the time	250 11%	250 13%	0 -	0 -	250 23%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 9%	0 -	0 -	0 -	0 -
Too complicated/difficult to use	116 5%	116 6%	0 -	0 -	116 10%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 38%	0 -	0 -	0 -
Not effective	81 4%	81 4%	0 -	0 -	81 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 26%	0 -	0 -	0 -
Do not use fertilizer/chemicals	70 3%	70 4%	0 -	0 -	70 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 9%	0 -	0 -	0 -	0 -
Yields are not high enough	68 3%	68 4%	0 -	0 -	0 -	0 -	68 45%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 100%
Not suited for the type of crop I am planting	45 2%	45 2%	0 -	0 -	45 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	45 10%	0 -	0 -
Other	295 13%	239 12%	0 -	56 27%	81 7%	158 23%	0 -	0 -	56 100%	0 -	0 -	0 -	56 7%	81 26%	0 -	90 100%	0 -
(DK/NS)	76 3%	44 2%	33 50%	0 -	0 -	44 6%	0 -	0 -	0 -	0 -	33 50%	0 -	33 4%	0 -	44 10%	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q4_1. I would like to know what you think it would cost you to start using SOIL TESTING. Please give me your best estimate, based on cost in dollars per acre.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Cost was the reason not to use Weighted	44	39	0	5	18	11	10	1	3	1	0	0	9	10	19	3	0
	3981*	3678**	-**	302**	1417**	1001**	1260**	56**	173**	73**	-**	-**	936**	814**	1817**	226**	-**
< 10	1760 44%	1686 46%	0 -	73 24%	389 27%	655 65%	643 51%	0 -	73 43%	0 -	0 -	0 -	126 14%	250 31%	1189 65%	110 49%	0 -
10 - 50	299 8%	299 8%	0 -	0 -	116 8%	0 -	183 15%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	183 10%	116 51%	0 -
51 - 100	76 2%	76 2%	0 -	0 -	0 -	76 8%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	76 9%	0 -	0 -	0 -
101 - 250	46 1%	46 1%	0 -	0 -	46 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
(DK/NS)	1800 45%	1571 43%	0 -	229 76%	866 61%	270 27%	434 34%	56 100%	99 57%	73 100%	0 -	0 -	809 86%	488 60%	445 25%	0 -	0 -
Summary																	
Minimum (excl.0)	0	0	0	3	1	1	0	0	3	0	0	0	1	1	0	1	0
Maximum	250	250	0	3	250	100	50	0	3	0	0	0	2	100	50	10	0
Mean	15.5	15.9	0	3.0	24.8	11.6	13.8	0	3.0	0	0	0	1.4	25.2	8.9	6.2	0
Standard Deviation	40.7	41.3	0	0.0	68.2	30.2	19.4	0	0.0	0	0	0	0.5	41.3	16.2	4.0	0
Standard Error	8.5	8.8	0	0.0	24.1	11.4	7.3	0	0.0	0	0	0	0.3	20.7	4.7	2.3	0
Median	1.8	1.7	0	3.0	2.0	0.9	3.2	0	3.0	0	0	0	1.0	1.8	1.7	3.2	0

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q4_2. I would like to know what you think it would cost you to start using VARIABLE RATE FERTILIZER APPLICATIONS USING GPS AND IN-FIELD MONITORING. Please give me your best estimate, based on cost in dollars per acre.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Cost was the reason not to use Weighted	210	141	11	58	40	52	49	7	20	31	2	9	21	26	69	49	34
	14620	11122*	344**	3153*	3103*	4130*	3889*	337**	1124**	1692**	57**	287**	1713**	2010**	5220*	2977*	1912**
< 10	1937 13%	1807 16% C	0 -	130 4%	216 7%	642 16%	950 24%	0 -	73 7%	56 3%	0 -	0 -	327 19%	249 12%	517 10%	198 7%	579 30%
10 - 50	5956 41%	4226 38%	82 24%	1649 52%	1098 35%	1450 35%	1677 43%	56 17%	643 57%	949 56%	24 43%	57 20%	814 48%	634 32%	2284 44%	1340 45%	837 44%
51 - 100	1338 9%	1015 9%	33 10%	291 9%	242 8%	338 8%	435 11%	126 37%	56 5%	109 6%	0 -	33 11%	42 2%	196 10%	727 14%	257 9%	89 5%
101 - 250	991 7%	687 6%	66 19%	238 8%	266 9%	294 7%	127 3%	56 17%	182 16%	0 -	0 -	66 23%	68 4%	238 12%	249 5%	311 10%	33 2%
(DK/NS)	4397 30%	3387 30%	164 48%	846 27%	1281 41% F	1407 34%	700 18%	99 29%	169 15%	578 34%	33 57%	131 46%	462 27%	692 34%	1443 28%	870 29%	373 20%
Summary																	
Minimum (excl.0)	0	0	15	0	1	0	2	15	0	5	15	20	4	0	1	2	3
Maximum	250	250	220	250	250	250	250	250	250	100	15	220	250	250	250	250	220
Mean	49.6	47.8	99.5	51.9	65.9	51.6	34.2	115.4	62.4	29.4	15.0	112.7	37.0	68.3	47.5	59.5	26.1
Standard Deviation	65.9	65.8	73.6	63.9	80.9	68.3	48.9	82.6	77.0	21.7	0	70.5	54.9	89.0	52.4	75.9	35.4
Standard Error	5.4	6.5	30.0	10.0	15.9	11.1	8.0	36.9	18.7	5.0	0	31.5	15.2	20.4	7.3	13.2	6.8
Median	19.9	18.6	62.8	27.3	27.7	19.5	16.5	57.5	27.5	21.1	15.0	81.4	21.9	18.8	21.8	19.4	15.1

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q4_3. I would like to know what you think it would cost you to start using BUFFER STRIPS. Please give me your best estimate, based on cost in dollars per acre.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Cost was the reason not to use Weighted	9	7	0	2	2	1	4	0	0	2	0	0	1	1	4	0	3
	757*	627**	-**	130**	218**	196**	213**	-**	-**	130**	-**	-**	181**	196**	221**	-**	159**
< 10	196 26%	196 31%	0 -	0 -	0 -	196 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	196 100%	0 -	0 -	0 -
10 - 50	122 16%	122 20%	0 -	0 -	37 17%	0 -	85 40%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 37%	0 -	42 26%
101 - 250	100 13%	44 7%	0 -	56 43%	0 -	0 -	44 21%	0 -	0 -	56 43%	0 -	0 -	0 -	0 -	56 25%	0 -	44 28%
(DK/NS)	338 45%	265 42%	0 -	73 57%	181 83%	0 -	84 39%	0 -	0 -	73 57%	0 -	0 -	181 100%	0 -	84 38%	0 -	73 46%
Summary																	
Minimum (excl.0)	5	5	0	250	10	5	20	0	0	250	0	0	0	5	10	0	20
Maximum	250	250	0	250	10	5	250	0	0	250	0	0	0	5	250	0	250
Mean	69.2	41.2	0	250.0	10.0	5.0	105.1	0	0	250.0	0	0	0	5.0	118.1	0	138.3
Standard Deviation	102.1	78.5	0	0.1	0	0	104.9	0	0	0.1	0	0	0	0	111.1	0	115.6
Standard Error	41.7	35.1	0	0.1	0	0	60.5	0	0	0.1	0	0	0	0	64.1	0	81.8
Median	6.8	5.0	0	250.0	10.0	5.0	30.6	0	0	250.0	0	0	0	5.0	31.6	0	26.4

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q4_4. I would like to know what you think it would cost you to start using CONSERVATION TILLAGE OR MINIMUM TILL. Please give me your best estimate, based on cost in dollars per acre.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Cost was the reason not to use Weighted	26	16	2	8	7	4	5	5	1	2	2	0	5	3	9	5	2
	2062*	1569**	66**	428**	611**	391**	567**	289**	56**	83**	66**	-**	398**	144**	784**	446**	96**
< 10	275 13%	275 18%	0 -	0 -	183 30%	92 23%	0 -	0 -	0 -	0 -	0 -	0 -	183 46%	0 -	92 12%	0 -	0 -
10 - 50	805 39%	732 47%	0 -	73 17%	187 31%	70 18%	475 84%	73 25%	0 -	0 -	0 -	0 -	76 19%	42 29%	475 61%	143 32%	70 73%
51 - 100	165 8%	92 6%	0 -	73 17%	0 -	0 -	92 16%	73 25%	0 -	0 -	0 -	0 -	73 18%	0 -	0 -	92 21%	0 -
101 - 250	89 4%	0 -	33 50%	56 13%	0 -	0 -	0 -	0 -	56 100%	0 -	33 50%	0 -	33 8%	0 -	56 7%	0 -	0 -
(DK/NS)	727 35%	470 30%	33 50%	225 53%	240 39%	229 59%	0 -	142 49%	0 -	83 100%	33 50%	0 -	33 8%	103 71%	161 20%	211 47%	26 27%
Summary																	
Minimum (excl.0)	3	3	250	40	5	3	15	40	250	0	250	0	5	12	3	12	20
Maximum	250	75	250	250	30	12	75	100	250	0	250	0	250	12	250	75	20
Mean	40.9	20.0	250.0	119.9	13.7	6.9	27.9	70.0	250.0	0	250.0	0	51.3	12.0	37.4	45.4	20.0
Standard Deviation	61.3	18.4	0.0	84.7	10.0	4.5	21.2	30.1	0.1	0	0.0	0	72.2	0.0	67.5	26.2	0.0
Standard Error	15.8	5.6	0.0	48.9	5.0	3.2	9.5	21.3	0.1	0	0.0	0	36.1	0.0	27.5	15.1	0.0
Median	15.0	13.7	250.0	63.0	5.3	3.0	15.2	70.0	250.0	0	250.0	0	5.0	12.0	12.4	30.2	20.0

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q4_5. I would like to know what you think it would cost you to start using NO-TILL, WHICH WOULD INCLUDE DIRECT SEEDING. Please give me your best estimate, based on cost in dollars per acre.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Cost was the reason not to use Weighted	83	57	9	17	24	22	11	6	7	4	4	5	17	14	29	14	6
	6500*	5304*	287**	909**	2070**	2140**	1094**	342**	415**	153**	123**	164**	1440**	1116**	2330**	1018**	322**
10 - 50	2366 36%	2179 41%	57 20%	130 14%	610 29%	752 35%	817 75%	0 -	56 14%	73 48%	24 20%	33 20%	342 24%	126 11%	1343 58%	349 34%	160 50%
51 - 100	1411 22%	1181 22%	0 -	230 25%	239 12%	709 33%	234 21%	56 16%	146 35%	27 18%	0 -	0 -	239 17%	463 41%	309 13%	264 26%	136 42%
101 - 250	834 13%	630 12%	66 23%	139 15%	426 21%	203 10%	0 -	0 -	113 27%	26 17%	33 27%	33 20%	309 21%	33 3%	397 17%	95 9%	0 -
(DK/NS)	1889 29%	1313 25%	164 57%	411 45%	795 38%	475 22%	44 4%	285 84%	99 24%	26 17%	66 53%	98 60%	549 38%	494 44%	281 12%	310 30%	26 8%
Summary																	
Minimum (excl.0)	10	10	15	30	15	10	10	100	30	50	15	30	14	25	10	10	10
Maximum	250	250	250	250	250	200	100	100	250	250	250	200	250	200	250	250	101
Mean	79.6	73.5	131.2	115.3	110.0	64.5	43.6	100.0	123.2	102.3	149.7	115.0	121.4	84.3	66.7	76.1	48.8
Standard Deviation	73.0	70.5	102.7	68.6	94.4	53.3	30.2	0.0	69.4	78.4	117.3	85.7	99.2	38.0	70.8	54.6	28.1
Standard Error	9.8	10.9	51.3	22.9	24.4	12.9	9.5	0.0	31.0	45.3	82.9	60.6	33.1	14.4	14.4	18.2	12.6
Median	47.7	38.6	51.7	79.5	55.8	64.9	31.4	100.0	78.5	50.0	45.1	30.0	57.5	82.7	24.3	46.1	36.0

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q4_6. I would like to know what you think it would cost you to start using A NUTRIENT MANAGEMENT PLAN. Please give me your best estimate, based on cost in dollars per acre.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Cost was the reason not to use Weighted	47	35	4	8	13	10	12	2	4	2	2	2	9	6	22	5	4
	3851*	3239**	106**	506**	1264**	934**	1042**	84**	276**	147**	49**	57**	855**	489**	1832**	387**	212**
< 10	750 19%	652 20%	24 23%	73 14%	125 10%	279 30%	249 24%	0 -	73 27%	0 -	24 50%	0 -	81 9%	117 24%	552 30%	0 -	0 -
10 - 50	1396 36%	1144 35%	49 46%	203 40%	387 31%	183 20%	574 55%	0 -	130 47%	73 50%	24 50%	24 43%	330 39%	56 12%	664 36%	234 61%	112 53%
51 - 100	221 6%	221 7%	0 -	0 -	64 5%	76 8%	81 8%	0 -	0 -	0 -	0 -	0 -	0 -	64 13%	157 9%	0 -	0 -
101 - 250	129 3%	0 -	0 -	129 26%	0 -	0 -	0 -	56 67%	73 26%	0 -	0 -	0 -	73 9%	0 -	0 -	56 15%	0 -
(DK/NS)	1355 35%	1221 38%	33 31%	101 20%	688 54%	396 42%	138 13%	27 33%	0 -	73 50%	0 -	33 57%	371 43%	251 51%	459 25%	96 25%	101 47%
Summary																	
Minimum (excl.0)	0	0	8	8	0	2	1	150	8	50	8	10	0	1	1	10	10
Maximum	250	100	10	250	75	100	60	150	250	50	10	10	250	75	100	150	10
Mean	30.4	21.3	9.3	79.5	23.3	22.5	19.3	150.0	73.0	50.0	9.0	10.0	50.9	25.3	20.6	54.8	10.0
Standard Deviation	48.2	23.9	0.9	92.6	20.6	32.5	19.2	0.0	106.4	0	1.0	0.0	84.3	30.5	25.4	49.0	0
Standard Error	8.7	5.1	0.5	37.8	7.8	14.5	6.1	0.0	53.2	0	0.7	0.0	34.4	15.2	6.6	24.5	0
Median	9.9	10.1	8.5	10.0	11.1	6.7	9.1	150.0	9.0	50.0	9.0	10.0	14.5	8.1	9.0	30.6	10.0

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q4_10. I would like to know what you think it would cost you to start using ANY BENEFICIAL MANAGEMENT PRACTICE. Please give me your best estimate, based on cost in dollars per acre.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Cost was the reason not to use Weighted	9	8	0	1	4	3	1	0	0	1	0	0	2	3	2	0	0
	1034*	961**	-**	73**	332**	545**	84**	-**	-**	73**	-**	-**	179**	226**	365**	-**	-**
< 10	68 7%	68 7%	0 -	0 -	68 20%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 30%	0 -	0 -	0 -
10 - 50	68 7%	68 7%	0 -	0 -	0 -	68 12%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
51 - 100	295 29%	222 23%	0 -	73 100%	222 67%	0 -	0 -	0 -	0 -	73 100%	0 -	0 -	179 100%	116 51%	0 -	0 -	0 -
(DK/NS)	603 58%	603 63%	0 -	0 -	42 13%	477 88%	84 100%	0 -	0 -	0 -	0 -	0 -	0 -	42 19%	365 100%	0 -	0 -
Summary																	
Minimum (excl.0)	2	2	0	100	2	31	0	0	0	100	0	0	65	2	0	0	0
Maximum	100	78	0	100	78	31	0	0	0	100	0	0	100	78	0	0	0
Mean	59.1	50.8	0	100.0	55.4	31.0	0	0	0	100.0	0	0	79.3	49.9	0	0	0
Standard Deviation	32.1	28.8	0	0	30.1	0.0	0	0	0	0	0	0	17.2	36.8	0	0	0
Standard Error	14.3	14.4	0	0	17.4	0.0	0	0	0	0	0	0	12.2	26.0	0	0	0
Median	56.5	44.8	0	100.0	47.7	31.0	0	0	0	100.0	0	0	65.0	17.7	0	0	0

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q5. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned cost/expensive for at least one of the practices	328	224	20	84	78	78	68	16	31	37	6	14	48	47	111	61	44
Weighted	24780	19436	623**	4721*	6348*	7224*	5864*	899**	1801**	2021*	180**	443**	4124*	3708*	9083*	4073*	2403*
Very important	12885 52%	9043 47%	434 70%	3408 72%	2463 39%	3624 50%	2956 50%	467 52%	1374 76%	1567 78%	123 68%	311 70%	2019 49%	1939 52%	4865 54%	2004 49%	1463 61%
Somewhat important	8004 32%	6920 36%	188 30%	895 19%	2560 40%	2247 31%	2113 36%	359 40%	182 10%	355 18%	57 32%	131 30%	1696 41%	763 21%	3229 36%	1255 31%	669 28%
Not very important	2344 9%	2098 11%	0 -	246 5%	797 13%	821 11%	481 8%	0 -	146 8%	100 5%	0 -	0 -	363 9%	624 17%	564 6%	414 10%	137 6%
Not at all important	1432 6%	1285 7%	0 -	147 3%	529 8%	442 6%	314 5%	73 8%	73 4%	0 -	0 -	0 -	46 1%	383 10%	425 5%	399 10%	110 5%
(DK/NS)	115 0	90 0	0 -	25 1%	0 -	90 1%	0 -	0 -	25 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	25 1%
Summary																	
Top2box (Important)	20889 84%	15963 82%	623 100%	4303 91%	5023 79%	5871 81%	5069 86%	825 92%	1556 86%	1921 95%	180 100%	443 100%	3715 90%	2701 73%	8094 89%	3259 80%	2132 89%
Low2box (Not Important)	3776 15%	3383 17%	0 -	393 8%	1326 21%	1263 17%	795 14%	73 8%	220 12%	100 5%	0 -	0 -	409 10%	1007 27% N	989 11%	814 20%	247 10%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q5a. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned cost/expense for SOIL TESTING Weighted	44	39	0	5	18	11	10	1	3	1	0	0	9	10	19	3	0
	3981*	3678**	-**	302**	1417**	1001**	1260**	56**	173**	73**	-**	-**	936**	814**	1817**	226**	-**
Very important	1383 35%	1154 31%	0 -	229 76%	193 14%	428 43%	533 42%	56 100%	99 57%	73 100%	0 -	0 -	129 14%	538 66%	715 39%	0 -	0 -
Somewhat important	1914 48%	1914 52%	0 -	0 -	656 46%	574 57%	685 54%	0 -	0 -	0 -	0 -	0 -	603 64%	70 9%	1017 56%	37 16%	0 -
Not very important	525 13%	452 12%	0 -	73 24%	452 32%	0 -	0 -	0 -	73 43%	0 -	0 -	0 -	202 22%	206 25%	44 2%	73 32%	0 -
Not at all important	158 4%	158 4%	0 -	0 -	117 8%	0 -	42 3%	0 -	0 -	0 -	0 -	0 -	1 0	0 -	42 2%	116 51%	0 -
Summary																	
Top2box (Important)	3297 83%	3068 83%	0 -	229 76%	848 60%	1001 100%	1218 97%	56 100%	99 57%	73 100%	0 -	0 -	732 78%	608 75%	1732 95%	37 16%	0 -
Low2box (Not Important)	684 17%	610 17%	0 -	73 24%	569 40%	0 -	42 3%	0 -	73 43%	0 -	0 -	0 -	203 22%	206 25%	85 5%	189 84%	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q5b. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned cost/expense for VARIABLE RATE FERTILIZER APPLICATIONS USING GPS AND IN-FIELD MONITORING Weighted	210	141	11	58	40	52	49	7	20	31	2	9	21	26	69	49	34
	14620	11122*	344**	3153*	3103*	4130*	3889*	337**	1124**	1692**	57**	287**	1713**	2010**	5220*	2977*	1912**
Very important	8343 57%	5828 52%	189 55%	2326 74% A	1602 52%	2007 49%	2219 57%	311 92%	860 77%	1155 68%	0 -	189 66%	1213 71%	1043 52%	2784 53%	1593 54%	1172 61%
Somewhat important	4059 28%	3414 31%	156 45%	490 16%	904 29%	1480 36%	1030 26%	26 8%	109 10%	355 21%	57 100%	98 34%	295 17%	494 25%	1811 35%	853 29%	561 29%
Not very important	1020 7%	947 9%	0 -	73 2%	413 13%	184 4%	350 9%	0 -	0 -	73 4%	0 -	0 -	161 9%	206 10%	385 7%	155 5%	68 4%
Not at all important	811 6%	738 7%	0 -	73 2%	184 6%	282 7%	272 7%	0 -	73 7%	0 -	0 -	0 -	45 3%	267 13%	153 3%	210 7%	68 4%
(DK/NS)	387 3%	196 2%	0 -	191 6%	0 -	177 4%	19 0	0 -	81 7%	110 6%	0 -	0 -	0 -	0 -	87 2%	166 6%	44 2%
Summary																	
Top2box (Important)	12402 85%	9242 83%	344 100%	2815 89%	2506 81%	3487 84%	3249 84%	337 100%	969 86%	1509 89%	57 100%	287 100%	1507 88%	1537 76%	4595 88%	2446 82%	1732 91%
Low2box (Not Important)	1831 13%	1685 15%	0 -	147 5%	597 19%	466 11%	622 16%	0 -	73 7%	73 4%	0 -	0 -	206 12%	473 24%	538 10%	365 12%	136 7%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q5c. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned cost/expensive for BUFFER STRIPS Weighted	9	7	0	2	2	1	4	0	0	2	0	0	1	1	4	0	3
	757*	627**	-**	130**	218**	196**	213**	-**	-**	130**	-**	-**	181**	196**	221**	-**	159**
Very important	491 65%	361 58%	0 -	130 100%	37 17%	196 100%	128 60%	0 -	0 -	130 100%	0 -	0 -	0 -	196 100%	178 80%	0 -	117 74%
Somewhat important	266 35%	266 42%	0 -	0 -	181 83%	0 -	85 40%	0 -	0 -	0 -	0 -	0 -	181 100%	0 -	44 20%	0 -	42 26%
Summary																	
Top2box (Important)	757 100%	627 100%	0 -	130 100%	218 100%	196 100%	213 100%	0 -	0 -	130 100%	0 -	0 -	181 100%	196 100%	221 100%	0 -	159 100%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q5d. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned cost/expensive for CONSERVATION TILLAGE OR MINIMUM TILL Weighted	26	16	2	8	7	4	5	5	1	2	2	0	5	3	9	5	2
	2062*	1569**	66**	428**	611**	391**	567**	289**	56**	83**	66**	-**	398**	144**	784**	446**	96**
Very important	646 31%	399 25%	66 100%	181 42%	76 12%	162 41%	162 28%	43 15%	56 100%	83 100%	66 100%	0 -	142 36%	0 -	191 24%	162 36%	96 100%
Somewhat important	1130 55%	983 63%	0 -	147 34%	484 79%	138 35%	362 64%	147 51%	0 -	0 -	0 -	0 -	257 64%	93 64%	431 55%	211 47%	0 -
Not very important	44 2%	44 3%	0 -	0 -	0 -	0 -	44 8%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	44 6%	0 -	0 -
Not at all important	165 8%	92 6%	0 -	73 17%	0 -	92 23%	0 -	73 25%	0 -	0 -	0 -	0 -	0 -	0 -	92 12%	73 16%	0 -
(DK/NS)	78 4%	51 3%	0 -	26 6%	51 8%	0 -	0 -	26 9%	0 -	0 -	0 -	0 -	0 -	51 36%	26 3%	0 -	0 -
Summary																	
Top2box (Important)	1776 86%	1382 88%	66 100%	328 77%	560 92%	299 77%	523 92%	189 66%	56 100%	83 100%	66 100%	0 -	398 100%	93 64%	622 79%	373 84%	96 100%
Low2box (Not Important)	209 10%	135 9%	0 -	73 17%	0 -	92 23%	44 8%	73 25%	0 -	0 -	0 -	0 -	0 -	0 -	135 17%	73 16%	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q5e. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned cost/expense for NO-TILL, WHICH WOULD INCLUDE DIRECT SEEDING Weighted	83	57	9	17	24	22	11	6	7	4	4	5	17	14	29	14	6
	6500*	5304*	287**	909**	2070**	2140**	1094**	342**	415**	153**	123**	164**	1440**	1116**	2330**	1018**	322**
Very important	2588 40%	1734 33%	230 80%	624 69%	602 29%	832 39%	300 27%	156 46%	342 82%	127 83%	98 80%	131 80%	576 40%	313 28%	1184 51%	370 36%	145 45%
Somewhat important	2257 35%	2014 38%	57 20%	186 20%	1080 52%	462 22%	472 43%	186 54%	0 -	0 -	24 20%	33 20%	542 38%	366 33%	719 31%	380 37%	66 21%
Not very important	1212 19%	1112 21%	0 -	99 11%	276 13%	556 26%	280 26%	0 -	73 18%	26 17%	0 -	0 -	322 22%	350 31%	203 9%	268 26%	69 21%
Not at all important	353 5%	353 7%	0 -	0 -	112 5%	199 9%	42 4%	0 -	0 -	0 -	0 -	0 -	0 -	87 8%	224 10%	0 -	42 13%
(DK/NS)	90 1%	90 2%	0 -	0 -	0 -	90 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Summary																	
Top2box (Important)	4845 75%	3748 71%	287 100%	810 89%	1682 81%	1294 60%	772 71%	342 100%	342 82%	127 83%	123 100%	164 100%	1118 78%	679 61%	1903 82%	750 74%	212 66%
Low2box (Not Important)	1565 24%	1466 28%	0 -	99 11%	388 19%	755 35%	322 29%	0 -	73 18%	26 17%	0 -	0 -	322 22%	437 39%	427 18%	268 26%	111 34%

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q5f. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned cost/expense for A NUTRIENT MANAGEMENT PLAN Weighted	47	35	4	8	13	10	12	2	4	2	2	2	9	6	22	5	4
	3851*	3239**	106**	506**	1264**	934**	1042**	84**	276**	147**	49**	57**	855**	489**	1832**	387**	212**
Very important	2324 60%	1910 59%	82 77%	332 66%	661 52%	800 86%	450 43%	56 67%	129 47%	147 100%	24 50%	57 100%	403 47%	307 63%	1351 74%	130 34%	57 27%
Somewhat important	676 18%	578 18%	24 23%	73 14%	372 29%	37 4%	168 16%	0 -	73 27%	0 -	24 50%	0 -	264 31%	181 37%	143 8%	0 -	87 41%
Not very important	660 17%	587 18%	0 -	73 14%	231 18%	0 -	356 34%	0 -	73 27%	0 -	0 -	0 -	161 19%	0 -	339 18%	161 42%	0 -
(DK/NS)	192 5%	164 5%	0 -	27 5%	0 -	96 10%	68 7%	27 33%	0 -	0 -	0 -	0 -	27 3%	0 -	0 -	96 25%	68 32%
Summary																	
Top2box (Important)	3000 78%	2488 77%	106 100%	406 80%	1033 82%	837 90%	618 59%	56 67%	203 73%	147 100%	49 100%	57 100%	667 78%	489 100%	1494 82%	130 34%	144 68%
Low2box (Not Important)	660 17%	587 18%	0 -	73 14%	231 18%	0 -	356 34%	0 -	73 27%	0 -	0 -	0 -	161 19%	0 -	339 18%	161 42%	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q5g. How important do you feel it is for the government to provide financial incentives or grants for beneficial management practices? Would you say that it is...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned cost/expensive for ANY BENEFICIAL MANAGEMENT PRACTICE	9	8	0	1	4	3	1	0	0	1	0	0	2	3	2	0	0
Weighted	1034*	961**	-**	73**	332**	545**	84**	-**	-**	73**	-**	-**	179**	226**	365**	-**	-**
Very important	586 57%	513 53%	0 -	73 100%	148 45%	280 51%	84 100%	0 -	0 -	73 100%	0 -	0 -	179 100%	42 19%	365 100%	0 -	0 -
Somewhat important	68 7%	68 7%	0 -	0 -	0 -	68 12%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Not very important	264 26%	264 27%	0 -	0 -	68 20%	196 36%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 30%	0 -	0 -	0 -
Not at all important	116 11%	116 12%	0 -	0 -	116 35%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 51%	0 -	0 -	0 -
Summary																	
Top2box (Important)	654 63%	581 60%	0 -	73 100%	148 45%	348 64%	84 100%	0 -	0 -	73 100%	0 -	0 -	179 100%	42 19%	365 100%	0 -	0 -
Low2box (Not Important)	380 37%	380 40%	0 -	0 -	184 55%	196 36%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	184 81%	0 -	0 -	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q6. What percentage of the cost of beneficial management practices do you think should be covered by the government?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Important for gov't to provide financial incentives	279	182	20	77	60	65	57	15	27	35	6	14	42	38	97	50	39
Weighted	20889	15963	623**	4303*	5023*	5871*	5069*	825**	1556**	1921*	180**	443**	3715**	2701**	8094*	3259*	2132*
1% to 25%	2834 14%	2326 15%	66 11%	442 10%	965 19%	841 14%	519 10%	229 28%	130 8%	84 4%	33 18%	33 7%	278 7%	590 22%	1278 16%	370 11%	207 10%
26% to 50%	8391 40%	6146 38%	402 64%	1844 43%	1383 28%	2033 35%	2729 54% D	312 38%	753 48%	780 41%	115 64%	287 65%	1413 38%	787 29%	2989 37%	1966 60% N	1077 51%
51% to 99%	3803 18%	2629 16%	90 14%	1084 25%	1194 24%	484 8%	950 19%	242 29%	156 10%	686 36%	0 -	90 20%	1225 33%	473 18%	933 12%	671 21%	314 15%
100%	2935 14%	2180 14%	66 11%	690 16%	693 14%	970 17%	517 10%	43 5%	405 26%	242 13%	33 18%	33 7%	403 11%	413 15%	1428 18%	206 6%	323 15%
(DK/NS)	2925 14%	2682 17% C	0 -	242 6%	787 16%	1543 26% F	353 7%	0 -	113 7%	130 7%	0 -	0 -	395 11%	439 16%	1466 18% O	46 1%	211 10%
Summary																	
Minimum (excl.0)	5	10	25	5	10	10	20	15	5	25	25	25	20	10	10	5	10
Maximum	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean (incl.0)	57	56	55	60	57	56	55	49	64	61	53	55	62	54	56	52	57
Mean (excl.0)	57	56	55	60	57	56	55	49	64	61	53	55	62	54	56	52	57
Standard Deviation	26	27	22	25	27	29	24	24	27	22	24	21	22	28	29	22	25
Standard Error	2	2	5	3	4	4	3	6	5	4	10	5	4	5	3	3	4

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q7. Are there any beneficial management practices that you would like to use if cost was not an issue?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Important for gov't to provide financial incentives Weighted	279	182	20	77	60	65	57	15	27	35	6	14	42	38	97	50	39
	20889	15963	623**	4303*	5023*	5871*	5069*	825**	1556**	1921*	180**	443**	3715**	2701**	8094*	3259*	2132*
Yes	16190 78%	12336 77%	557 89%	3296 77%	3501 70%	4510 77%	4325 85%	679 82%	1151 74%	1467 76%	147 82%	410 93%	2634 71%	1982 73%	6639 82%	2729 84%	1591 75%
No	3976 19%	2960 19%	66 11%	950 22%	1415 28%	1062 18%	482 10%	146 18%	405 26%	398 21%	33 18%	33 7%	975 26%	719 27%	1214 15%	347 11%	541 25%
(DK/NS)	723 3%	667 4%	0 -	56 1%	106 2%	299 5%	262 5%	0 -	0 -	56 3%	0 -	0 -	106 3%	0 -	240 3%	183 6%	0 -

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q8. Which beneficial management practices have you considered using?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Would like to use a beneficial management practice if cost wasn't an issue	219	140	18	61	43	49	48	13	21	27	5	13	31	28	79	43	30
Weighted	16190	12336*	557**	3296*	3501*	4510*	4325*	679**	1151**	1467**	147**	410**	2634**	1982**	6639*	2729*	1591**
Variable rate fertilizer applications using GPS and in-field monitoring	6016	4640	156	1220	1367	1337	1936	129	666	424	0	156	1082	444	2058	1203	1141
	37%	38%	28%	37%	39%	30%	45%	19%	58%	29%	-	38%	41%	22%	31%	44%	72%
No-till which includes direct seeding	5350	4203	123	1024	1335	1474	1393	172	376	476	57	66	608	837	2527	804	258
	33%	34%	22%	31%	38%	33%	32%	25%	33%	32%	39%	16%	23%	42%	38%	29%	16%
Soil testing	1567	1258	123	186	438	693	128	56	0	130	66	57	200	322	720	56	24
	10%	10%	22%	6%	13%	15%	3%	8%	-	9%	45%	14%	8%	16%	11%	2%	2%
Cover crops to reduce soil erosion over fall, winter and spring	1299	1040	0	259	253	515	272	113	0	146	0	0	132	297	520	350	0
	8%	8%	-	8%	7%	11%	6%	17%	-	10%	-	-	5%	15%	8%	13%	-
A Nutrient management plan	1142	900	0	242	81	607	212	113	0	130	0	0	137	0	811	113	81
	7%	7%	-	7%	2%	13%	5%	17%	-	9%	-	-	5%	-	12%	4%	5%
Buffer strips	1140	550	33	558	45	428	76	113	56	389	0	33	113	0	735	219	73
	7%	4%	6%	17% A	1%	9%	2%	17%	5%	27%	-	8%	4%	-	11%	8%	5%
Manure or compost management	1037	510	66	461	319	191	0	0	146	315	0	66	198	56	520	195	68
	6%	4%	12%	14% A	9%	4%	-	-	13%	21%	-	16%	8%	3%	8%	7%	4%
Conservation tillage or minimum till	851	416	33	401	123	137	157	172	83	147	33	0	198	42	412	125	73
	5%	3%	6%	12% A	4%	3%	4%	25%	7%	10%	22%	-	8%	2%	6%	5%	5%
A certified crop advisor or professional agronomist	687	404	24	259	45	277	81	186	0	73	24	0	182	81	351	73	0
	4%	3%	4%	8%	1%	6%	2%	27%	-	5%	17%	-	7%	4%	5%	3%	-
Fertilization	661	608	0	53	291	121	196	26	26	0	0	0	0	84	320	96	0
	4%	5%	-	2%	8%	3%	5%	4%	2%	-	-	-	-	4%	5%	4%	-
Water management	504	504	0	0	0	504	0	0	0	0	0	0	0	0	504	0	0
	3%	4%	-	-	-	11%	-	-	-	-	-	-	-	-	8%	-	-
GPS	392	262	0	130	205	0	57	0	73	56	0	0	0	0	0	100	131
	2%	2%	-	4%	6%	-	1%	-	6%	4%	-	-	-	-	-	4%	8%
Application timing	325	195	0	130	84	111	0	56	0	73	0	0	56	84	115	70	0
	2%	2%	-	4%	2%	2%	-	8%	-	5%	-	-	2%	4%	2%	3%	-
Soil preservation	238	206	33	0	138	68	0	0	0	0	0	33	0	70	68	33	68
	1%	2%	6%	-	4%	2%	-	-	-	-	-	8%	-	4%	1%	1%	4%
Chemical Fallow	174	174	0	0	0	90	84	0	0	0	0	0	0	174	0	0	0
	1%	1%	-	-	-	2%	2%	-	-	-	-	-	-	9%	-	-	-

SECTION B: USE OF BENEFICIAL MANAGEMENT PRACTICES

q8. Which beneficial management practices have you considered using?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Herbicides	165 1%	92 1%	0 -	73 2%	0 -	92 2%	0 -	0 -	0 -	73 5%	0 -	0 -	0 -	0 -	165 2%	0 -	0 -
Auto-steering systems	124 1%	81 1%	0 -	43 1%	0 -	0 -	81 2%	0 -	0 -	43 3%	0 -	0 -	0 -	0 -	0 -	0 -	124 8%
Manure storage	106 1%	0 -	33 6%	73 2%	0 -	0 -	0 -	0 -	73 6%	0 -	33 22%	0 -	33 1%	0 -	73 1%	0 -	0 -
Cost management	95 1%	42 0	0 -	53 2%	0 -	0 -	42 1%	26 4%	0 -	26 2%	0 -	0 -	0 -	0 -	0 -	26 1%	42 3%
One pass seeding	88 1%	88 1%	0 -	0 -	46 1%	0 -	42 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	46 1%	42 2%	0 -
Yield tracking	73 0	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	73 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 5%
Crop rotation	44 0	44 0	0 -	0 -	44 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	44 2%	0 -	0 -	0 -	0 -
Other	1364 8%	893 7%	98 18%	373 11%	218 6%	322 7%	353 8%	26 4%	83 7%	264 18%	0 -	98 24%	240 9%	279 14%	524 8%	33 1%	263 17%
(DK/NS)	854 5%	765 6%	33 6%	56 2%	338 10%	103 2%	324 8%	56 8%	0 -	0 -	0 -	33 8%	551 21%	226 11%	0 -	0 -	77 5%

SECTION C: SOIL TESTING

q9. You mentioned that you do soil testing on your farm. In general, how often is the soil tested for nutrients on your operation? Would it be...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Soil Testing	329	194	23	112	72	65	57	41	38	33	12	11	53	52	110	64	39
Weighted	23589	17036	696**	5856*	6974*	5765*	4297*	2125*	1907*	1824*	360**	336**	3854*	3572*	8662*	4260*	2405*
Every year	6535 28%	6034 35%	90 13%	411 7%	1682 24%	2575 45%	1777 41%	168 8%	31 2%	212 12%	24 7%	66 20%	745 19%	642 18%	2215 26%	1625 38%	1181 49%
Every 2 to 3 years	12176 52%	8072 47%	402 58%	3702 63%	3586 51%	2491 43%	1996 46%	1072 50%	1598 84%	1031 57%	221 61%	180 54%	1611 42%	2206 62%	5418 63%	1469 34%	902 37%
Every 4 years	1966 8%	1074 6%	24 4%	868 15%	636 9%	42 1%	396 9%	249 12%	219 12%	399 22%	0 -	24 7%	606 16%	308 9%	496 6%	398 9%	90 4%
Every 5 years or more	2797 12%	1742 10%	180 26%	875 15%	1003 14%	658 11%	81 2%	635 30%	58 3%	182 10%	114 32%	66 20%	892 23%	347 10%	534 6%	768 18%	186 8%
(DK/NS)	114 0	114 1%	0 -	0 -	68 1%	0 -	46 1%	0 -	0 -	0 -	0 -	0 -	0 -	68 2%	0 -	0 -	46 2%

SECTION C: SOIL TESTING

q10a. In your view, what is the main reason that you use soil testing in your operation?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Soil Testing Weighted	329 23589	194 17036	23 696**	112 5856*	72 6974*	65 5765*	57 4297*	41 2125*	38 1907*	33 1824*	12 360**	11 336**	53 3854*	52 3572*	110 8662*	64 4260*	39 2405*
More efficient use of fertilizer and manure	8494 36%	6422 38%	156 22%	1916 33%	1988 29%	2645 46%	1789 42%	421 20%	667 35%	828 45% G	24 7%	131 39%	1157 30%	778 22%	3662 42% M	1417 33%	1353 56% LM
To target poor crop yield areas (incl. find what nutrients are lacking)	3892 16%	3250 19%	33 5%	609 10%	2011 29% F	755 13%	484 11%	406 19%	73 4%	130 7%	0 -	33 10%	686 18%	314 9%	1422 16%	1124 26%	299 12%
Concerns about soil quality	2891 12%	2007 12%	115 16%	769 13%	1005 14%	285 5%	717 17%	322 15%	375 20%	73 4%	82 23%	33 10%	702 18%	723 20%	626 7%	262 6%	264 11%
To save money	2297 10%	1466 9%	0 -	831 14%	151 2%	751 13%	563 13% D	240 11%	219 12%	372 20%	0 -	0 -	110 3%	384 11%	1024 12%	501 12%	277 12%
To know how much fertilizer is required	1807 8%	1366 8%	66 9%	375 6%	728 10%	556 10%	81 2%	173 8%	130 7%	73 4%	66 18%	0 -	139 4%	630 18% P	804 9%	235 6%	0 -
To increase/maximize crop yields	1723 7%	1099 6%	90 13%	534 9%	525 8%	213 4%	361 8%	255 12%	144 8%	135 7%	33 9%	57 17%	387 10%	467 13%	307 4%	237 6%	81 3%
To check the nitrogen level of the soil	571 2%	571 3%	0 -	0 -	479 7%	92 2%	0 -	0 -	0 -	0 -	0 -	0 -	411 11% NO	0 -	160 2%	0 -	0 -
Acidity (incl. keep pH balance)	480 2%	0 -	213 31%	267 5% A	0 -	0 -	0 -	157 7%	84 4%	26 1%	156 43%	57 17%	88 2%	108 3%	69 1%	123 3%	59 2%
Benchmarks (incl. I like to set a goal/target)	211 1%	211 1%	0 -	0 -	0 -	129 2%	81 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	168 2%	42 1%	0 -
Common/standard practice	162 1%	162 1%	0 -	0 -	0 -	116 2%	46 1%	0 -	0 -	0 -	0 -	0 -	116 3%	0 -	0 -	0 -	46 2%
To save time	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	0 -	73 4%	0 -	0 -	0 -	0 -	73 1%	0 -	0 -
Concerns about water quality	26 0	0 -	0 -	26 0	0 -	0 -	0 -	0 -	0 -	26 1%	0 -	0 -	0 -	0 -	26 0	0 -	0 -
Other	916 4%	437 3%	24 4%	455 8% A	42 1%	223 4%	173 4%	152 7%	215 11%	88 5%	0 -	24 7%	58 1%	167 5%	276 3%	318 7%	24 1%
(DK/NS)	46 0	46 0	0 -	0 -	46 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	46 1%	0 -	0 -

SECTION C: SOIL TESTING

q10b. Do you soil test on the land that you apply manure?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use manure Weighted	147	70	17	60	32	20	18	21	20	19	10	7	17	17	46	40	22
	9589*	5742*	499**	3347*	2834**	1662**	1245**	1151**	1126**	1070**	295**	205**	928**	822**	3782**	2516*	1289**
Yes	6948 72%	3533 62%	434 87%	2982 89% A	2041 72%	688 41%	804 65%	931 81%	1053 94%	997 93%	262 89%	172 84%	716 77%	557 68%	2634 70%	1927 77%	980 76%
No	2641 28%	2209 38% C	66 13%	366 11%	794 28%	974 59%	441 35%	220 19%	73 6%	73 7%	33 11%	33 16%	212 23%	266 32%	1148 30%	589 23%	310 24%

SECTION C: SOIL TESTING

q11. Do you pay a fee per acre to get your soil testing done on your farm, or is it included as a service from your fertilizer retailer?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Soil Testing	329	194	23	112	72	65	57	41	38	33	12	11	53	52	110	64	39
Weighted	23589	17036	696**	5856*	6974*	5765*	4297*	2125*	1907*	1824*	360**	336**	3854*	3572*	8662*	4260*	2405*
Pay a fee	18205 77%	13477 79%	557 80%	4170 71%	5626 81%	4074 71%	3778 88%	1441 68%	1384 73%	1346 74%	303 84%	254 76%	2787 72%	2600 73%	6420 74%	3595 84%	2110 88%
Included as a service from fertilizer retailer	4431 19%	3048 18%	57 8%	1326 23%	1349 19%	1249 22%	451 10%	554 26%	422 22%	349 19%	24 7%	33 10%	745 19%	915 26% P	1916 22%	641 15%	141 6%
(DK/NS)	952 4%	511 3%	82 12%	360 6%	0 -	443 8%	68 2%	130 6%	101 5%	130 7%	33 9%	49 15%	322 8%	56 2%	327 4%	24 1%	154 6%

SECTION C: SOIL TESTING

q12. Including the cost of lab fees, roughly how much do you pay per acre to have your soil tested?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Pay a fee per acre	254	155	18	81	57	46	52	27	28	26	10	8	39	36	83	53	34
Weighted	18205	13477*	557**	4170*	5626*	4074**	3778*	1441**	1384**	1346**	303**	254**	2787**	2600**	6420*	3595**	2110**
Less than \$1.00 per acre	5525	5251	66	208	1188	2185	1878	26	125	56	66	0	486	955	2295	1002	573
	30%	39% C	12%	5%	21%	54%	50% D	2%	9%	4%	22%	-	17%	37%	36%	28%	27%
Between \$1.00 and \$1.99 per acre	3428	2607	98	723	1732	363	513	156	308	259	0	98	478	315	1442	883	311
	19%	19%	18%	17%	31%	9%	14%	11%	22%	19%	-	39%	17%	12%	22%	25%	15%
Between \$2.00 and \$5.00 per acre	2156	1177	139	840	665	286	226	372	170	297	73	66	800	209	663	285	173
	12%	9%	25%	20% A	12%	7%	6%	26%	12%	22%	24%	26%	29%	8%	10%	8%	8%
Greater than \$5.00 per acre	2884	1352	131	1401	239	836	278	374	496	531	66	66	439	584	850	501	463
	16%	10%	24%	34% A	4%	21%	7%	26%	36%	39%	22%	26%	16%	22%	13%	14%	22%
(DK/NS)	4211	3090	123	999	1802	404	883	512	285	203	98	24	584	536	1171	923	590
	23%	23%	22%	24%	32%	10%	23%	36%	21%	15%	32%	10%	21%	21%	18%	26%	28%
Summary																	
Minimum (excl.0)	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Maximum	70	70	15	70	70	45	70	50	70	42	15	15	40	70	40	70	45
Mean	5.3	4.1	5.5	8.9 A	3.3	5.6	3.3	8.6	10.4	7.8	5.3	5.6	5.6	10.7	3.3	5.5	4.7
Standard Deviation	11.5	11.1	5.7	12.7	10.9	10.6	11.8	13.0	15.0	9.4	5.3	6.1	10.5	19.0	6.6	12.6	9.4
Standard Error	0.8	1.0	1.5	1.6	1.7	1.7	1.9	3.0	3.1	2.0	2.0	2.3	1.9	3.5	0.8	1.9	1.9
Median	0.9	0.7	2.4	2.9	0.9	0.5	0.4	2.1	2.8	2.7	2.4	1.5	1.3	0.8	0.8	0.8	0.8

SECTION C: SOIL TESTING

q13. I'd like to read you several cost ranges and would like you to indicate which one you think best fits the cost you pay for soil testing, including lab fees.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do not know how much they pay per acre	48	30	3	15	13	5	12	8	4	3	3	0	7	5	16	9	8
Weighted	4058*	2987**	98**	973**	1745**	359**	883**	512**	258**	203**	98**	-**	584**	479**	1144**	899**	545**
Less than \$1.00 per acre	1739	1713	0	26	845	224	644	26	0	0	0	0	0	376	452	585	326
	43%	57%	-	3%	48%	62%	73%	5%	-	-	-	-	-	79%	39%	65%	60%
Between \$1.00 and \$1.99 per acre	1068	744	66	259	504	69	171	73	112	73	66	0	340	51	291	106	33
	26%	25%	67%	27%	29%	19%	19%	14%	43%	36%	67%	-	58%	11%	25%	12%	6%
Between \$2.00 and \$5.00 per acre	657	318	0	339	184	66	68	209	73	56	0	0	211	0	255	134	56
	16%	11%	-	35%	11%	18%	8%	41%	28%	28%	-	-	36%	-	22%	15%	10%
Greater than \$5.00 per acre	89	0	33	56	0	0	0	56	0	0	33	0	33	0	0	0	56
	2%	-	33%	6%	-	-	-	11%	-	-	33%	-	6%	-	-	-	10%
(DK/NS)	505	212	0	293	212	0	0	147	73	73	0	0	0	51	146	73	73
	12%	7%	-	30%	12%	-	-	29%	28%	36%	-	-	-	11%	13%	8%	13%

SECTION C: SOIL TESTING

q12/13. Including the cost of lab fees, roughly how much do you pay per acre to have your soil tested? [SUMMARY]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Pay a fee per acre	254	155	18	81	57	46	52	27	28	26	10	8	39	36	83	53	34
Weighted	18205	13477*	557**	4170*	5626*	4074**	3778*	1441**	1384**	1346**	303**	254**	2787**	2600**	6420*	3595**	2110**
Less than \$1.00 per acre	7264	6964	66	234	2033	2409	2522	53	125	56	66	0	486	1332	2746	1587	899
	40%	52% C	12%	6%	36%	59%	67% D	4%	9%	4%	22%	-	17%	51%	43%	44%	43%
Between \$1.00 and \$1.99 per acre	4497	3351	164	982	2236	432	684	229	420	332	66	98	818	367	1733	989	343
	25%	25%	29%	24%	40% F	11%	18%	16%	30%	25%	22%	39%	29%	14%	27%	28%	16%
Between \$2.00 and \$5.00 per acre	2813	1495	139	1179	849	352	294	582	243	354	73	66	1011	209	918	419	230
	15%	11%	25%	28% A	15%	9%	8%	40%	18%	26%	24%	26%	36%	8%	14%	12%	11%
Greater than \$5.00 per acre	2973	1352	164	1457	239	836	278	431	496	531	98	66	472	584	850	501	520
	16%	10%	29%	35% A	4%	21%	7%	30%	36%	39%	32%	26%	17%	22%	13%	14%	25%
(DK/NS)	658	315	24	319	270	45	0	147	99	73	0	24	0	109	173	98	118
	4%	2%	4%	8%	5%	1%	-	10%	7%	5%	-	10%	-	4%	3%	3%	6%

SECTION C: SOIL TESTING

q14. Do you feel that you are paying indirectly for soil testing through the purchase of your fertilizer or do you feel that you get this service, including lab fees for free?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Pay as a service from retailer	61	34	2	25	15	15	4	12	8	5	1	1	9	15	24	10	2
Weighted	4431*	3048**	57**	1326**	1349**	1249**	451**	554**	422**	349**	24**	33**	745**	915**	1916**	641**	141**
Pay for soil testing indirectly through purchase	3586	2567	57	962	1259	857	451	337	276	349	24	33	609	646	1515	602	141
	81%	84%	100%	73%	93%	69%	100%	61%	65%	100%	100%	100%	82%	71%	79%	94%	100%
Get testing and lab fee for free	665	481	0	183	90	391	0	110	73	0	0	0	110	196	358	0	0
	15%	16%	-	14%	7%	31%	-	20%	17%	-	-	-	15%	21%	19%	-	-
Get testing for free and only pay for lab fee	155	0	0	155	0	0	0	81	73	0	0	0	0	73	43	39	0
	3%	-	-	12%	-	-	-	15%	17%	-	-	-	-	8%	2%	6%	-
(DK/NS)	26	0	0	26	0	0	0	26	0	0	0	0	26	0	0	0	0
	1%	-	-	2%	-	-	-	5%	-	-	-	-	4%	-	-	-	-

SECTION C: SOIL TESTING

q15. Recognizing that you feel you are paying indirectly for soil testing, what would you estimate you are paying per acre to have your soil tested? This would include the testing as well as lab fees.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Pay for soil testing through purchase	49	30	2	17	14	12	4	6	6	5	1	1	5	12	20	9	2
Weighted	3586*	2567**	57**	962**	1259**	857**	451**	337**	276**	349**	24**	33**	609**	646**	1515**	602**	141**
Less than \$1.00 per acre	669	523	0	146	294	229	0	73	0	73	0	0	189	106	191	110	73
	19%	20%	-	15%	23%	27%	-	22%	-	21%	-	-	31%	16%	13%	18%	52%
Between \$1.00 and \$1.99 per acre	963	907	0	56	246	381	280	0	0	56	0	0	0	87	555	253	68
	27%	35%	-	6%	20%	44%	62%	-	-	16%	-	-	-	14%	37%	42%	48%
Between \$2.00 and \$5.00 per acre	483	258	0	225	46	136	76	78	73	73	0	0	0	78	331	73	0
	13%	10%	-	23%	4%	16%	17%	23%	27%	21%	-	-	-	12%	22%	12%	-
Greater than \$5.00 per acre	426	101	33	293	0	44	57	0	146	146	0	33	0	96	201	129	0
	12%	4%	57%	30%	-	5%	13%	-	53%	42%	-	100%	-	15%	13%	21%	-
(DK/NS)	1044	778	24	242	673	68	37	186	56	0	24	0	420	277	236	37	0
	29%	30%	43%	25%	53%	8%	8%	55%	20%	-	100%	-	69%	43%	16%	6%	-
Summary																	
Minimum (excl.0)	0	0	5	1	0	0	1	1	3	1	0	5	1	1	0	0	1
Maximum	70	70	5	20	2	5	70	3	20	6	0	5	1	20	70	6	1
Mean	3.5	3.3	5.0	3.9	0.7	1.3	10.7	1.4	7.0	3.0	0	5.0	0.5	3.8	4.8	2.0	0.7
Standard Deviation	10.5	12.2	0	4.3	0.5	1.0	23.8	1.0	6.0	2.2	0	0	0.0	5.7	14.2	2.0	0.3
Standard Error	1.8	2.7	0	1.2	0.2	0.3	13.7	0.6	2.7	1.0	0	0	0.0	2.1	3.6	0.7	0.2
Median	0.9	0.9	5.0	2.3	0.5	0.9	1.0	0.6	3.9	1.6	0	5.0	0.5	1.0	0.9	0.8	0.5

SECTION C: SOIL TESTING

q16a. I'd like to read you several cost ranges and would like you to indicate which one you think best fits the cost you feel that you pay indirectly through your purchase for soil testing, including lab fees.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do not know how much they pay for the service	13	9	1	3	7	1	1	2	1	0	1	0	3	5	4	1	0
Weighted	971*	778**	24**	169**	673**	68**	37**	113**	56**	-**	24**	-**	420**	277**	236**	37**	-**
Less than \$1.00 per acre	305	305	0	0	268	0	37	0	0	0	0	0	181	87	0	37	0
	31%	39%	-	-	40%	-	100%	-	-	-	-	-	43%	31%	-	100%	-
\$1.00 to \$1.99 per acre	166	109	0	56	42	68	0	56	0	0	0	0	0	98	68	0	0
	17%	14%	-	33%	6%	100%	-	50%	-	-	-	-	-	35%	29%	-	-
\$Between 2.00 and \$5.00 per acre	295	295	0	0	295	0	0	0	0	0	0	0	183	0	112	0	0
	30%	38%	-	-	44%	-	-	-	-	-	-	-	44%	-	47%	-	-
Greater than \$5.00 per acre	56	0	0	56	0	0	0	56	0	0	0	0	56	0	0	0	0
	6%	-	-	33%	-	-	-	50%	-	-	-	-	13%	-	-	-	-
(DK/NS)	149	68	24	56	68	0	0	0	56	0	24	0	0	92	56	0	0
	15%	9%	100%	33%	10%	-	-	-	100%	-	100%	-	-	33%	24%	-	-

SECTION C: SOIL TESTING

q15/16a. Recognizing that you feel you are paying indirectly for soil testing, what would you estimate you are paying per acre to have your soil tested? This would include the testing as well as lab fees. [SUMMARY]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Pay for soil testing through purchase	49	30	2	17	14	12	4	6	6	5	1	1	5	12	20	9	2
Weighted	3586*	2567**	57**	962**	1259**	857**	451**	337**	276**	349**	24**	33**	609**	646**	1515**	602**	141**
Less than \$1.00 per acre	974	828	0	146	562	229	37	73	0	73	0	0	369	193	191	147	73
	27%	32%	-	15%	45%	27%	8%	22%	-	21%	-	-	61%	30%	13%	24%	52%
Between \$1.00 and \$1.99 per acre	1129	1016	0	113	287	449	280	56	0	56	0	0	0	185	623	253	68
	31%	40%	-	12%	23%	52%	62%	17%	-	16%	-	-	-	29%	41%	42%	48%
Between \$2.00 and \$5.00 per acre	778	554	0	225	342	136	76	78	73	73	0	0	183	78	444	73	0
	22%	22%	-	23%	27%	16%	17%	23%	27%	21%	-	-	30%	12%	29%	12%	-
Greater than \$5.00 per acre	483	101	33	349	0	44	57	56	146	146	0	33	56	96	201	129	0
	13%	4%	57%	36%	-	5%	13%	17%	53%	42%	-	100%	9%	15%	13%	21%	-
(DK/NS)	222	68	24	129	68	0	0	73	56	0	24	0	0	92	56	0	0
	6%	3%	43%	13%	5%	-	-	22%	20%	-	100%	-	-	14%	4%	-	-

SECTION C: SOIL TESTING

q16b. In your opinion, do you think that soil testing is worth the cost?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Soil Testing	329	194	23	112	72	65	57	41	38	33	12	11	53	52	110	64	39
Weighted	23589	17036	696**	5856*	6974*	5765*	4297*	2125*	1907*	1824*	360**	336**	3854*	3572*	8662*	4260*	2405*
Yes	21712 92%	15353 90%	672 96%	5687 97%	6485 93%	5323 92%	3545 83%	2012 95%	1907 100%	1768 97%	336 93%	336 100%	3636 94%	3393 95%	7793 90%	3984 94%	2115 88%
No	1560 7%	1367 8%	24 4%	169 3%	391 6%	442 8%	534 12%	113 5%	0 -	56 3%	24 7%	0 -	218 6%	138 4%	812 9%	195 5%	154 6%
(DK/NS)	316 1%	316 2%	0 -	0 -	99 1%	0 -	217 5%	0 -	0 -	0 -	0 -	0 -	0 -	42 1%	57 1%	81 2%	136 6%

SECTION C: SOIL TESTING

q17a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using soil testing. How about ...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

	Total	PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
		West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield to your cereal crops from applying the required nutrients at recommended rates																	
Base: Valid respondents Weighted	231	184	17	30	66	63	55	11	16	3	7	10	29	36	82	47	29
	18191	16027	499**	1665**	6245*	5613*	4170*	631**	832**	203**	196**	303**	2685**	2870**	7125*	2960*	1832**
Yes	13767 76%	12136 76%	360 72%	1270 76%	5667 91% EF	3657 65%	2812 67%	365 58%	758 91%	146 72%	123 63%	237 78%	2477 92%	2508 87%	4521 63%	2338 79%	1249 68%
No	4048 22%	3539 22%	115 23%	395 24%	475 8%	1888 34% D	1177 28% D	265 42%	73 9%	56 28%	49 25%	66 22%	208 8%	338 12%	2320 33%	622 21%	514 28%
(DK/NS)	376 2%	352 2%	24 5%	0 -	103 2%	68 1%	181 4%	0 -	0 -	0 -	24 12%	0 -	0 -	24 1%	284 4%	0 -	68 4%
Change in yield to your pulse crops from applying the required nutrients at recommended rates																	
Base: Valid respondents Weighted	27	27	0	0	6	8	13	0	0	0	0	0	7	3	10	2	3
	2952*	2952**	-.**	-.**	747**	1032**	1173**	-.**	-.**	-.**	-.**	-.**	892**	284**	980**	262**	290**
Yes	1758 60%	1758 60%	0 -	0 -	494 66%	515 50%	749 64%	0 -	0 -	0 -	0 -	0 -	523 59%	203 71%	408 42%	181 69%	200 69%
No	1056 36%	1056 36%	0 -	0 -	116 15%	517 50%	424 36%	0 -	0 -	0 -	0 -	0 -	232 26%	81 29%	572 58%	81 31%	90 31%
(DK/NS)	138 5%	138 5%	0 -	0 -	138 18%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	138 15%	0 -	0 -	0 -	0 -
Change in yield to your canola crops from applying the required nutrients at recommended rates																	
Base: Valid respondents Weighted	121	121	0	0	40	42	39	0	0	0	0	0	10	18	47	23	19
	9399*	9399*	-.**	-.**	3233**	3537**	2629*	-.**	-.**	-.**	-.**	-.**	920**	1810**	3863**	1388**	1084**
Yes	5985 64%	5985 64%	0 -	0 -	2011 62%	2573 73%	1401 53%	0 -	0 -	0 -	0 -	0 -	653 71%	1008 56%	2383 62%	976 70%	678 63%
No	3014 32%	3014 32%	0 -	0 -	1021 32%	946 27%	1048 40%	0 -	0 -	0 -	0 -	0 -	268 29%	750 41%	1196 31%	412 30%	388 36%
(DK/NS)	400 4%	400 4%	0 -	0 -	201 6%	19 1%	181 7%	0 -	0 -	0 -	0 -	0 -	0 -	51 3%	284 7%	0 -	19 2%
Change in yield to your soybean crop from applying the required nutrients at recommended rates																	
Base: Valid respondents Weighted	70	0	0	70	0	0	0	20	22	28	0	0	10	14	24	11	9
	3636*	-.**	-.**	3636*	-.**	-.**	-.**	954**	1118**	1564**	-.**	-.**	496**	612**	1262**	657**	527**
Yes	1659 46%	0 -	0 -	1659 46%	0 -	0 -	0 -	222 23%	598 53%	838 54%	0 -	0 -	54 11%	424 69%	597 47%	259 39%	242 46%
No	1921 53%	0 -	0 -	1921 53%	0 -	0 -	0 -	675 71%	520 47%	726 46%	0 -	0 -	385 78%	188 31%	665 53%	398 61%	285 54%

SECTION C: SOIL TESTING

q17a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using soil testing. How about ...?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
(DK/NS)	56 2%	0 -	0 -	56 2%	0 -	0 -	0 -	56 6%	0 -	0 -	0 -	0 -	56 11%	0 -	0 -	0 -	0 -
Change in yield to your corn crop from applying the required nutrients at recommended rates																	
Base: Valid respondents	82	0	3	79	0	0	0	24	25	30	3	0	8	14	28	19	11
Weighted	4218*	-**	90**	4128*	-**	-**	-**	1206**	1259**	1664**	90**	-**	395**	610**	1440**	1074**	617**
Yes	2996 71%	0 -	33 36%	2963 72%	0 -	0 -	0 -	633 53%	990 79%	1340 81%	33 36%	0 -	296 75%	373 61%	1054 73%	719 67%	471 76%
No	1198 28%	0 -	33 36%	1165 28%	0 -	0 -	0 -	573 47%	269 21%	324 19%	33 36%	0 -	100 25%	212 35%	386 27%	354 33%	145 24%
(DK/NS)	24 1%	0 -	24 27%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 27%	0 -	0 -	24 4%	0 -	0 -	0 -
Change in yield to your potato crop from applying the required nutrients at recommended rates																	
Base: Valid respondents	7	0	7	0	0	0	0	0	0	0	2	5	0	0	0	6	1
Weighted	221*	-**	221**	-**	-**	-**	-**	-**	-**	-**	66**	156**	-**	-**	-**	189**	33**
Yes	221 100%	0 -	221 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	66 100%	156 100%	0 -	0 -	0 -	189 100%	33 100%

SECTION C: SOIL TESTING

q17b. Would this change be an increase or decrease?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

	Total	PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
		West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield to ALL CROPS																	
Base: Have experienced a change	240	148	15	77	59	48	41	18	34	25	5	10	32	41	77	50	30
Weighted	17751	13218*	459**	4074*	5805*	4349**	3064*	925**	1737**	1413**	156**	303**	2773**	2938**	6298*	3059*	1882**
Increase	17368 98%	12962 98%	459 100%	3947 97%	5667 98%	4312 99%	2983 97%	925 100%	1610 93%	1413 100%	156 100%	303 100%	2672 96%	2868 98%	6179 98%	2964 97%	1882 100%
Decrease	395 2%	369 3%	0 -	26 1%	250 4%	37 1%	81 3%	0 -	26 2%	0 -	0 -	0 -	0 -	250 9%	118 2%	26 1%	0 -
(DK/NS)	169 1%	69 1%	0 -	101 2%	69 1%	0 -	0 -	0 -	101 6%	0 -	0 -	0 -	101 4%	0 -	0 -	69 2%	0 -
Change in yield to your cereal crops from applying the required nutrients at recommended rates																	
Base: Have experienced a change	172	137	12	23	57	44	36	6	15	2	4	8	26	31	54	35	19
Weighted	13767	12136*	360**	1270**	5667*	3657*	2812**	365**	758**	146**	123**	237**	2477**	2508**	4521*	2338**	1249**
Increase	13339 97%	11736 97%	360 100%	1243 98%	5348 94%	3657 100%	2731 97%	365 100%	731 96%	146 100%	123 100%	237 100%	2450 99%	2257 90%	4440 98%	2270 97%	1249 100%
Decrease	332 2%	332 3%	0 -	0 -	250 4%	0 -	81 3%	0 -	0 -	0 -	0 -	0 -	0 -	250 10%	81 2%	0 -	0 -
(DK/NS)	96 1%	69 1%	0 -	27 2%	69 1%	0 -	0 -	0 -	27 4%	0 -	0 -	0 -	27 1%	0 -	0 -	69 3%	0 -
Change in yield to your pulse crops from applying the required nutrients at recommended rates																	
Base: Have experienced a change	16	16	0	0	4	4	8	0	0	0	0	0	4	2	5	1	2
Weighted	1758*	1758**	-**	-**	494**	515**	749**	-**	-**	-**	-**	-**	523**	203**	408**	181**	200**
Increase	1677 95%	1677 95%	0 -	0 -	494 100%	515 100%	668 89%	0 -	0 -	0 -	0 -	0 -	523 100%	203 100%	326 80%	181 100%	200 100%
(DK/NS)	81 5%	81 5%	0 -	0 -	0 -	0 -	81 11%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 20%	0 -	0 -
Change in yield to your canola crops from applying the required nutrients at recommended rates																	
Base: Have experienced a change	78	78	0	0	26	29	23	0	0	0	0	0	8	11	28	17	11
Weighted	5985*	5985*	-**	-**	2011**	2573**	1401**	-**	-**	-**	-**	-**	653**	1008**	2383**	976**	678**
Increase	5878 98%	5878 98%	0 -	0 -	1942 97%	2535 99%	1401 100%	0 -	0 -	0 -	0 -	0 -	653 100%	938 93%	2345 98%	976 100%	678 100%
Decrease	107 2%	107 2%	0 -	0 -	70 3%	37 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 7%	37 2%	0 -	0 -
Change in yield to your soybean crop from applying the required nutrients at recommended rates																	
Base: Have experienced a change	31	0	0	31	0	0	0	5	11	15	0	0	2	8	11	4	4
Weighted	1659*	-**	-**	1659**	-**	-**	-**	222**	598**	838**	-**	-**	54**	424**	597**	259**	242**

SECTION C: SOIL TESTING

q17b. Would this change be an increase or decrease?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Increase	1631 98%	0 -	0 -	1631 98%	0 -	0 -	0 -	222 100%	571 95%	838 100%	0 -	0 -	27 50%	424 100%	597 100%	259 100%	242 100%
(DK/NS)	27 2%	0 -	0 -	27 2%	0 -	0 -	0 -	0 -	27 5%	0 -	0 -	0 -	27 50%	0 -	0 -	0 -	0 -
Change in yield to your corn crop from applying the required nutrients at recommended rates																	
Base: Have experienced a change	58	0	1	57	0	0	0	13	20	24	1	0	6	9	20	13	8
Weighted	2996*	-**	33**	2963*	-**	-**	-**	633**	990**	1340**	33**	-**	296**	373**	1054**	719**	471**
Increase	2896 97%	0 -	33 100%	2864 97%	0 -	0 -	0 -	633 100%	891 90%	1340 100%	33 100%	0 -	222 75%	373 100%	1054 100%	693 96%	471 100%
Decrease	26 1%	0 -	0 -	26 1%	0 -	0 -	0 -	0 -	26 3%	0 -	0 -	0 -	0 -	0 -	0 -	26 4%	0 -
(DK/NS)	73 2%	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	73 7%	0 -	0 -	0 -	73 25%	0 -	0 -	0 -	0 -
Change in yield to your potato crop from applying the required nutrients at recommended rates																	
Base: Have experienced a change	7	0	7	0	0	0	0	0	0	0	2	5	0	0	0	6	1
Weighted	221*	-**	221**	-**	-**	-**	-**	-**	-**	-**	66**	156**	-**	-**	-**	189**	33**
Increase	221 100%	0 -	221 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	66 100%	156 100%	0 -	0 -	0 -	189 100%	33 100%

SECTION C: SOIL TESTING

q17c1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your cereal crops from applying the required nutrients at recommended rates

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	167	133	12	22	54	44	35	6	14	2	4	8	25	29	53	34	19
	13339	11736*	360**	1243**	5348*	3657*	2731**	365**	731**	146**	123**	237**	2450**	2257**	4440*	2270**	1249**
1-2	699 5%	643 5%	0 -	56 5%	203 4%	139 4%	301 11%	56 15%	0 -	0 -	0 -	0 -	116 5%	145 6%	263 6%	95 4%	81 6%
3-5	5777 43%	5219 44%	131 36%	426 34%	2256 42%	1613 44%	1351 49%	199 54%	228 31%	0 -	33 27%	98 41%	736 30%	1329 59%	1871 42%	1174 52%	555 44%
6+	4641 35%	4195 36%	90 25%	357 29%	2123 40%	1337 37%	734 27%	37 10%	173 24%	146 100%	24 20%	66 28%	1075 44%	550 24%	1721 39%	591 26%	262 21%
(DK/NS)	2222 17%	1680 14%	139 39%	403 32%	766 14%	568 16%	346 13%	73 20%	330 45%	0 -	66 53%	73 31%	523 21%	234 10%	585 13%	410 18%	351 28%
Summary																	
Minimum (excl.0)	1	1	4	2	2	1	1	2	4	15	5	4	2	2	1	2	2
Maximum	15	15	15	15	15	15	15	10	15	15	10	15	15	15	15	15	15
Mean	7.2	7.1	7.5	7.9	7.5	6.9	6.8	4.9	7.6	15.0	7.1	7.6	7.1	6.2	7.9	6.6	7.1
Standard Deviation	4.0	4.0	3.9	4.6	4.1	3.3	4.5	2.3	3.9	0	2.5	4.3	3.7	3.9	4.4	3.4	4.7
Standard Error	0.3	0.4	1.5	1.2	0.6	0.5	0.8	1.0	1.5	0	1.8	1.9	0.9	0.8	0.6	0.7	1.3
Median	4.8	4.8	4.7	4.8	4.9	4.8	4.5	4.3	4.9	15.0	5.0	4.5	5.6	4.3	4.9	4.6	4.3

SECTION C: SOIL TESTING

q17c1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your pulse crops from applying the required nutrients at recommended rates

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	15	15	0	0	4	4	7	0	0	0	0	0	4	2	4	1	2
	1677*	1677**	-**	-**	494**	515**	668**	-**	-**	-**	-**	-**	523**	203**	326**	181**	200**
1-2	271 16%	271 16%	0 -	0 -	87 18%	0 -	184 28%	0 -	0 -	0 -	0 -	0 -	116 22%	87 43%	68 21%	0 -	0 -
3-5	421 25%	421 25%	0 -	0 -	206 42%	134 26%	81 12%	0 -	0 -	0 -	0 -	0 -	206 39%	0 -	171 52%	0 -	0 -
6+	869 52%	869 52%	0 -	0 -	201 41%	381 74%	287 43%	0 -	0 -	0 -	0 -	0 -	201 38%	116 57%	87 27%	181 100%	84 42%
(DK/NS)	116 7%	116 7%	0 -	0 -	0 -	0 -	116 17%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 58%
Summary																	
Minimum (excl.0)	1	1	0	0	2	3	1	0	0	0	0	0	1	2	2	10	10
Maximum	15	15	0	0	10	10	15	0	0	0	0	0	9	10	15	10	10
Mean	7.2	7.2	0	0	6.5	7.9	7.2	0	0	0	0	0	5.7	6.6	6.5	10.0	10.0
Standard Deviation	3.8	3.8	0	0	3.1	2.7	5.0	0	0	0	0	0	3.0	4.0	5.2	0.0	0
Standard Error	1.0	1.0	0	0	1.5	1.4	2.0	0	0	0	0	0	1.5	2.8	2.6	0.0	0
Median	6.8	6.8	0	0	4.3	7.1	5.3	0	0	0	0	0	3.8	3.0	3.1	10.0	10.0

SECTION C: SOIL TESTING

q17c1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your canola crops from applying the required nutrients at recommended rates

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	76	76	0	0	25	28	23	0	0	0	0	0	8	10	27	17	11
	5878*	5878*	-**	-**	1942**	2535**	1401**	-**	-**	-**	-**	-**	653**	938**	2345**	976**	678**
1-2	225 4%	225 4%	0 -	0 -	61 3%	0 -	164 12%	0 -	0 -	0 -	0 -	0 -	19 3%	0 -	42 2%	19 2%	146 22%
3-5	2452 42%	2452 42%	0 -	0 -	822 42%	1010 40%	620 44%	0 -	0 -	0 -	0 -	0 -	316 48%	518 55%	747 32%	702 72%	123 18%
6+	2612 44%	2612 44%	0 -	0 -	950 49%	1320 52%	342 24%	0 -	0 -	0 -	0 -	0 -	300 46%	288 31%	1431 61%	155 16%	197 29%
(DK/NS)	589 10%	589 10%	0 -	0 -	109 6%	205 8%	275 20%	0 -	0 -	0 -	0 -	0 -	19 3%	132 14%	126 5%	101 10%	211 31%
Summary																	
Minimum (excl.0)	1	1	0	0	2	3	1	0	0	0	0	0	2	3	2	2	1
Maximum	15	15	0	0	15	12	15	0	0	0	0	0	10	15	15	15	10
Mean	7.4	7.4	0	0	8.2	7.6	5.9	0	0	0	0	0	7.0	7.6	8.4	5.5	5.9
Standard Deviation	3.7	3.7	0	0	4.2	2.8	4.1	0	0	0	0	0	2.9	4.8	3.4	3.1	3.7
Standard Error	0.5	0.5	0	0	0.9	0.6	1.0	0	0	0	0	0	1.1	1.7	0.7	0.8	1.3
Median	5.0	5.0	0	0	5.3	8.0	3.7	0	0	0	0	0	4.8	4.2	8.3	4.0	4.1

SECTION C: SOIL TESTING

q17c1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your soybean crop from applying the required nutrients at recommended rates

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	30	0	0	30	0	0	0	5	10	15	0	0	1	8	11	4	4
	1631*	-**	-**	1631**	-**	-**	-**	222**	571**	838**	-**	-**	27**	424**	597**	259**	242**
1-2	139 9%	0 -	0 -	139 9%	0 -	0 -	0 -	0 -	0 -	139 17%	0 -	0 -	0 -	0 -	56 9%	0 -	56 23%
3-5	886 54%	0 -	0 -	886 54%	0 -	0 -	0 -	169 76%	259 45%	457 55%	0 -	0 -	0 -	242 57%	441 74%	73 28%	129 53%
6+	269 16%	0 -	0 -	269 16%	0 -	0 -	0 -	0 -	212 37%	56 7%	0 -	0 -	0 -	156 37%	0 -	56 22%	56 23%
(DK/NS)	339 21%	0 -	0 -	339 21%	0 -	0 -	0 -	53 24%	99 17%	186 22%	0 -	0 -	27 100%	26 6%	99 17%	129 50%	0 -
Summary																	
Minimum (excl.0)	1	0	0	1	0	0	0	5	3	1	0	0	0	3	1	5	1
Maximum	15	0	0	15	0	0	0	5	15	6	0	0	0	15	5	10	6
Mean	5.1	0	0	5.1	0	0	0	5.0	6.8	3.8	0	0	0	6.7	3.8	7.2	4.3
Standard Deviation	3.1	0	0	3.1	0	0	0	0	4.2	1.6	0	0	0	4.3	1.2	2.5	1.9
Standard Error	0.7	0	0	0.7	0	0	0	0	1.5	0.5	0	0	0	1.6	0.4	1.8	0.9
Median	4.2	0	0	4.2	0	0	0	5.0	4.6	3.8	0	0	0	4.2	3.6	5.0	3.0

SECTION C: SOIL TESTING

q17c1_5. Please tell me how much of an **INCREASE** in bushels per acre you have seen as result of soil testing. Change in yield to your corn crop from applying the required nutrients at recommended rates

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	56	0	1	55	0	0	0	13	18	24	1	0	5	9	20	12	8
	2896*	-**	33**	2864*	-**	-**	-**	633**	891**	1340**	33**	-**	222**	373**	1054**	693**	471**
3-5	511 18%	0 -	0 -	511 18%	0 -	0 -	0 -	109 17%	229 26%	173 13%	0 -	0 -	139 62%	26 7%	26 2%	73 11%	220 47%
6+	1631 56%	0 -	0 -	1631 57%	0 -	0 -	0 -	299 47%	420 47%	912 68%	0 -	0 -	56 25%	264 71%	670 64%	388 56%	195 41%
(DK/NS)	755 26%	0 -	33 100%	722 25%	0 -	0 -	0 -	226 36%	241 27%	255 19%	33 100%	0 -	27 12%	83 22%	357 34%	232 33%	56 12%
Summary																	
Minimum (excl.0)	3	0	0	3	0	0	0	3	5	3	0	0	3	5	5	5	3
Maximum	15	0	0	15	0	0	0	15	15	15	0	0	15	15	15	15	15
Mean	10.2	0	0	10.2	0	0	0	10.8	9.0	10.7	0	0	7.6	10.8	11.5	10.7	8.1
Standard Deviation	4.0	0	0	4.0	0	0	0	4.4	3.3	4.0	0	0	4.8	2.8	2.8	3.6	4.7
Standard Error	0.6	0	0	0.6	0	0	0	1.5	0.9	0.9	0	0	2.4	1.1	0.8	1.4	1.8
Median	9.2	0	0	9.2	0	0	0	9.2	6.6	9.4	0	0	4.3	8.1	9.5	9.3	4.8

SECTION C: SOIL TESTING

q17c1_6. Please tell me how much of an INCREASE in bushels per acre you have seen as result of soil testing. Change in yield to your potato crop from applying the required nutrients at recommended rates

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	7	0	7	0	0	0	0	0	0	0	2	5	0	0	0	6	1
	221*	-**	221**	-**	-**	-**	-**	-**	-**	-**	66**	156**	-**	-**	-**	189**	33**
6+	33 15%	0 -	33 15%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 21%	0 -	0 -	0 -	0 -	33 100%
(DK/NS)	189 85%	0 -	189 85%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	66 100%	123 79%	0 -	0 -	0 -	189 100%	0 -
Summary																	
Minimum (excl.0)	15	0	15	0	0	0	0	0	0	0	0	15	0	0	0	0	15
Maximum	15	0	15	0	0	0	0	0	0	0	0	15	0	0	0	0	15
Mean	15.0	0	15.0	0	0	0	0	0	0	0	0	15.0	0	0	0	0	15.0
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Standard Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	15.0	0	15.0	0	0	0	0	0	0	0	0	15.0	0	0	0	0	15.0

SECTION C: SOIL TESTING

q17c2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as result of soil testing. Change in yield to your cereal crops from applying the required nutrients at recommended rates

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a Decreased change Weighted	3	3	0	0	2	0	1	0	0	0	0	0	0	2	1	0	0
	332*	332**	-**	-**	250**	-**	81**	-**	-**	-**	-**	-**	-**	250**	81**	-**	-**
6+	181 54%	181 54%	0 -	0 -	181 72%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	181 72%	0 -	0 -	0 -
(DK/NS)	151 46%	151 46%	0 -	0 -	70 28%	0 -	81 100%	0 -	0 -	0 -	0 -	0 -	0 -	70 28%	81 100%	0 -	0 -
Summary																	
Minimum (excl.0)	15	15	0	0	15	0	0	0	0	0	0	0	0	15	0	0	0
Maximum	15	15	0	0	15	0	0	0	0	0	0	0	0	15	0	0	0
Mean	15.0	15.0	0	0	15.0	0	0	0	0	0	0	0	0	15.0	0	0	0
Standard Deviation	0.0	0.0	0	0	0.0	0	0	0	0	0	0	0	0	0.0	0	0	0
Standard Error	0.0	0.0	0	0	0.0	0	0	0	0	0	0	0	0	0.0	0	0	0
Median	15.0	15.0	0	0	15.0	0	0	0	0	0	0	0	0	15.0	0	0	0

SECTION C: SOIL TESTING

q17c2_3. Please tell me how much of a DECREASE in bushels per acre you have seen as result of soil testing. Change in yield to your canola crops from applying the required nutrients at recommended rates

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a Decreased change Weighted	2	2	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0
	107*	107**	-**	-**	70**	37**	-**	-**	-**	-**	-**	-**	-**	70**	37**	-**	-**
3-5	37 35%	37 35%	0 -	0 -	0 -	37 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	37 100%	0 -	0 -
(DK/NS)	70 65%	70 65%	0 -	0 -	70 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 100%	0 -	0 -	0 -
Summary																	
Minimum (excl.0)	5	5	0	0	0	5	0	0	0	0	0	0	0	0	5	0	0
Maximum	5	5	0	0	0	5	0	0	0	0	0	0	0	0	5	0	0
Mean	5.0	5.0	0	0	0	5.0	0	0	0	0	0	0	0	0	5.0	0	0
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Standard Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	5.0	5.0	0	0	0	5.0	0	0	0	0	0	0	0	0	5.0	0	0

SECTION C: SOIL TESTING

q17c2_5. Please tell me how much of a DECREASE in bushels per acre you have seen as result of soil testing. Change in yield to your corn crop from applying the required nutrients at recommended rates

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a Decreased change Weighted	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0
(DK/NS)	26*	-.**	-.**	26**	-.**	-.**	-.**	-.**	26**	-.**	-.**	-.**	-.**	-.**	-.**	26**	-.**
	26 100%	0 -	0 -	26 100%	0 -	0 -	0 -	0 -	26 100%	0 -	0 -	0 -	0 -	0 -	0 -	26 100%	0 -
Summary																	

SECTION C: SOIL TESTING

q17d. Have you noticed a change in costs from applying the required amount of nutrients?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Soil Testing	329	194	23	112	72	65	57	41	38	33	12	11	53	52	110	64	39
Weighted	23589	17036	696**	5856*	6974*	5765*	4297*	2125*	1907*	1824*	360**	336**	3854*	3572*	8662*	4260*	2405*
Yes	17564 74%	13056 77%	492 71%	4017 69%	5621 81%	4298 75%	3137 73%	1543 73%	1303 68%	1171 64%	221 61%	270 80%	3299 86% P	2528 71%	6591 76%	2855 67%	1516 63%
No	5669 24%	3626 21%	205 29%	1839 31%	1177 17%	1376 24%	1073 25%	582 27%	604 32%	653 36%	139 39%	66 20%	555 14%	935 26%	1913 22%	1405 33%	802 33%
(DK/NS)	355 2%	355 2%	0 -	0 -	176 3%	92 2%	87 2%	0 -	0 -	0 -	0 -	0 -	0 -	109 3%	158 2%	0 -	87 4%

SECTION C: SOIL TESTING

q17e. Would this change be an increase or decrease?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have noticed a change in costs	234	142	16	76	57	47	38	29	26	21	7	9	46	33	78	43	25
Weighted	17564	13056*	492**	4017*	5621*	4298**	3137**	1543**	1303**	1171**	221**	270**	3299*	2528**	6591*	2855**	1516**
Increase	13283 76%	10652 82% C	303 62%	2327 58%	4888 87%	3886 90%	1879 60%	1047 68%	676 52%	603 52%	156 70%	147 55%	2852 86%	2242 89%	4853 74%	1746 61%	917 61%
Decrease	3897 22%	2212 17%	164 33%	1521 38% A	669 12%	366 9%	1177 38%	439 28%	626 48%	455 39%	66 30%	98 36%	447 14%	222 9%	1635 25%	997 35%	493 33%
(DK/NS)	385 2%	192 1%	24 5%	169 4%	64 1%	46 1%	81 3%	56 4%	0 -	113 10%	0 -	24 9%	0 -	64 3%	102 2%	113 4%	106 7%

SECTION C: SOIL TESTING

q17f. Please tell me how much of an INCREASE in dollars per acre you have seen as result of soil testing?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned it was an increase	164	109	10	45	45	40	24	20	15	10	5	5	37	29	53	23	15
Weighted	13283*	10652*	303**	2327*	4888**	3886**	1879**	1047**	676**	603**	156**	147**	2852**	2242**	4853*	1746**	917**
5 or less	2229 17%	1698 16%	57 19%	474 20%	604 12%	524 13%	570 30%	219 21%	125 18%	129 21%	24 16%	33 22%	621 22%	358 16%	809 17%	161 9%	163 18%
6 - 10	2810 21%	2446 23%	33 11%	332 14%	915 19%	1047 27%	483 26%	130 12%	73 11%	129 21%	0 -	33 22%	746 26%	447 20%	1105 23%	236 14%	230 25%
11 - 20	2047 15%	1702 16%	0 -	345 15%	833 17%	684 18%	185 10%	117 11%	83 12%	146 24%	0 -	0 -	315 11%	446 20%	921 19%	307 18%	57 6%
21 - 50	2197 17%	1792 17%	66 22%	339 15%	849 17%	811 21%	133 7%	140 13%	26 4%	173 29%	33 21%	33 22%	279 10%	78 3%	980 20%	617 35%	162 18%
51+	95 1%	69 1%	0 -	26 1%	69 1%	0 -	0 -	0 -	0 -	26 4%	0 -	0 -	0 -	0 -	69 1%	0 -	26 3%
(DK/NS)	3905 29%	2947 28%	147 49%	811 35%	1619 33%	819 21%	508 27%	442 42%	370 55%	0 -	98 63%	49 33%	891 31%	913 41%	970 20%	424 24%	278 30%
Summary																	
Minimum (excl.0)	0	0	2	0	0	0	1	0	3	2	2	5	1	0	2	2	1
Maximum	70	70	50	70	70	50	25	50	25	70	50	50	50	35	70	25	70
Mean	15.0	14.6	24.5	16.3	15.9	15.7	8.9	14.1	11.2	21.0	29.5	21.7	12.0	12.1	16.4	17.5	18.5
Standard Deviation	12.2	11.2	21.9	15.1	11.9	11.1	7.3	13.1	7.2	18.2	24.0	20.2	11.0	7.7	13.5	8.3	17.6
Standard Error	1.1	1.3	9.8	2.8	2.2	2.0	1.7	4.0	2.7	5.8	16.9	11.7	2.3	1.8	2.1	2.2	5.3
Median	9.6	9.6	8.1	9.3	12.5	9.8	7.3	8.2	6.9	11.5	8.1	7.5	7.3	8.4	10.2	18.0	9.2

SECTION C: SOIL TESTING

q17f1. Please tell me how much of a DECREASE in dollars per acre you have seen as result of soil testing?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned it was a decrease	63	30	5	28	11	6	13	8	11	9	2	3	9	3	23	18	8
Weighted	3897**	2212**	164**	1521**	669**	366**	1177**	439**	626**	455**	66**	98**	447**	222**	1635**	997**	493**
5 or less	1315 34%	1008 46%	0 -	307 20%	193 29%	203 55%	612 52%	100 23%	52 8%	155 34%	0 -	0 -	92 21%	116 52%	503 31%	404 41%	200 41%
6 - 10	1104 28%	668 30%	66 40%	370 24%	234 35%	112 31%	323 27%	167 38%	147 23%	56 12%	0 -	66 67%	0 -	73 33%	522 32%	378 38%	131 27%
11 - 20	310 8%	0 -	33 20%	277 18%	0 -	0 -	0 -	99 23%	147 23%	31 7%	0 -	33 33%	204 46%	33 15%	73 4%	0 -	0 -
21 - 50	476 12%	127 6%	33 20%	317 21%	81 12%	0 -	46 4%	0 -	161 26%	156 34%	33 50%	0 -	81 18%	0 -	259 16%	91 9%	46 9%
(DK/NS)	691 18%	409 18%	33 20%	250 16%	161 24%	51 14%	197 17%	73 17%	120 19%	56 12%	33 50%	0 -	70 16%	0 -	278 17%	125 13%	116 23%
Summary																	
Minimum (excl.0)	0	1	7	0	5	3	1	5	5	0	25	7	5	5	1	2	0
Maximum	50	40	25	50	40	10	25	15	50	40	25	20	40	20	50	25	25
Mean	11.5	8.1	15.5	16.0	12.5	6.1	6.4	9.8	19.9	16.8	25.0	12.3	17.9	8.9	13.4	8.5	7.2
Standard Deviation	11.0	8.1	7.3	13.0	12.1	2.9	5.2	3.7	14.2	14.8	0.0	5.6	12.3	5.2	13.2	6.2	7.4
Standard Error	1.5	1.6	3.7	2.7	4.3	1.3	1.6	1.4	5.0	5.2	0.0	3.2	4.6	3.0	3.1	1.5	2.8
Median	9.1	4.8	15.0	9.9	6.9	4.1	4.4	9.1	11.9	8.9	25.0	8.5	9.7	5.0	6.7	6.9	2.8

SECTION C: SOIL TESTING

q18. Factoring in all costs and dollar benefits, do you believe that using soil testing results in an economic net gain, a net loss, or no change for your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Soil Testing	329	194	23	112	72	65	57	41	38	33	12	11	53	52	110	64	39
Weighted	23589	17036	696**	5856*	6974*	5765*	4297*	2125*	1907*	1824*	360**	336**	3854*	3572*	8662*	4260*	2405*
Net gain	17286 73%	11874 70%	582 84%	4830 82% A	5148 74%	3988 69%	2738 64%	1572 74%	1775 93% G	1483 81%	279 77%	303 90%	3090 80%	2525 71%	6343 73%	2932 69%	1594 66%
Net loss	564 2%	465 3%	0 -	99 2% E	113 2%	0 -	352 8% E	0 -	0 -	99 5%	0 -	0 -	0 -	113 3%	167 2%	87 2%	197 8%
No change	5635 24%	4593 27%	115 16%	927 16%	1655 24%	1777 31%	1161 27%	553 26% H	132 7%	242 13%	82 23%	33 10%	764 20%	934 26%	2095 24%	1241 29%	568 24%
(DK/NS)	103 0	103 1%	0 -	0 -	57 1%	0 -	46 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	57 1%	0 -	46 2%

SECTION C: SOIL TESTING

q20. Do you plan to increase/decrease or do the same amount of soil testing on your farm over the next one to 3 years?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Soil Testing	329	194	23	112	72	65	57	41	38	33	12	11	53	52	110	64	39
Weighted	23589	17036	696**	5856*	6974*	5765*	4297*	2125*	1907*	1824*	360**	336**	3854*	3572*	8662*	4260*	2405*
Increase	2109 9%	1371 8%	24 4%	713 12%	772 11%	269 5%	330 8%	264 12%	137 7%	312 17%	24 7%	0 -	405 11%	131 4%	518 6%	755 18%	205 9%
Decrease	2668 11%	2333 14%	0 -	335 6%	699 10%	1256 22%	378 9%	242 11%	37 2%	56 3%	0 -	0 -	289 7%	438 12%	1401 16% O	103 2%	204 8%
Remain the same	18743 79%	13264 78%	672 96%	4808 82%	5435 78%	4240 74%	3589 84%	1619 76%	1733 91%	1457 80%	336 93%	336 100%	3160 82%	2935 82%	6744 78%	3401 80%	1996 83%
(DK/NS)	68 0	68 0	0 -	0 -	68 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 2%	0 -	0 -	0 -

SECTION D: VARIABLE RATE FERTILIZATION

q21a. You mentioned that you use variable rate fertilization. I would like to ask you a few questions about this practice. For how many years have you been using variable rate fertilization on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
5 or less	3106 48%	1759 50%	139 22%	1208 50%	501 40%	547 49%	710 64%	195 32%	256 39%	757 65%	33 14%	106 26%	199 44%	678 51%	591 38%	689 51%	846 55%
6 to 10	1198 18%	834 24%	90 14%	274 11%	509 41%	212 19%	113 10%	27 4%	51 8%	195 17%	0 -	90 22%	0 -	182 14%	417 27%	311 23%	288 19%
11 to 20	735 11%	225 6%	156 25%	355 15%	69 6%	45 4%	111 10%	127 21%	99 15%	129 11%	66 29%	90 22%	72 16%	59 4%	216 14%	174 13%	213 14%
21+	1188 18%	414 12%	246 39%	528 22%	95 8%	181 16%	138 12%	259 43%	186 29%	83 7%	131 57%	114 29%	184 40%	352 26%	155 10%	115 9%	187 12%
(DK/NS)	311 5%	255 7%	0 -	56 2%	70 6%	141 13%	44 4%	0 -	56 9%	0 -	0 -	0 -	0 -	70 5%	185 12%	56 4%	0 -
Summary																	
Minimum (excl.0)	1	1	1	1	1	2	1	4	2	1	5	1	1	3	2	1	1
Maximum	60	35	40	60	30	30	35	60	40	40	40	30	60	40	40	30	40
Mean	12.0	9.5	18.5	13.7	9.1	10.8	8.8	22.2	15.4	8.4	25.1	14.6	21.3	13.2	11.0	9.1	9.3
Standard Deviation	11.8	9.2	11.9	13.9	7.2	9.8	10.4	16.9	12.7	9.7	12.0	10.0	19.1	12.2	8.5	8.1	10.2
Standard Error	1.2	1.5	2.6	2.1	1.8	3.1	2.8	4.9	3.7	2.1	4.5	2.7	6.4	3.1	1.8	1.8	1.7
Median	5.5	4.8	16.9	4.9	5.8	4.7	3.4	17.8	8.9	4.1	23.0	10.6	10.9	4.8	9.1	4.7	3.9

SECTION D: VARIABLE RATE FERTILIZATION

q21b. Of the ... acres that you mentioned you have in annual crops, on how many of these acres do you typically use variable rate fertilization?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
1 to 79	530 8%	70 2%	66 10%	394 16% A	70 6%	0 -	0 -	239 39%	98 15%	56 5%	66 29%	0 -	70 15%	185 14%	56 4%	130 10%	33 2%
80 to 159	1246 19%	131 4%	221 35%	893 37% A	44 4%	0 -	87 8%	313 51%	209 32%	372 32%	164 71%	57 14%	189 42%	56 4%	440 28%	224 17%	336 22%
160 to 319	1070 16%	353 10%	237 38%	480 20%	124 10%	45 4%	184 16%	0 -	285 44%	195 17%	0 -	237 59%	45 10%	140 10%	188 12%	171 13%	470 31%
320 to 639	1534 23%	1170 34%	49 8%	316 13%	869 70%	260 23%	42 4%	0 -	0 -	316 27%	0 -	49 12%	95 21%	571 43%	334 21%	199 15%	334 22%
640 to 959	404 6%	280 8%	24 4%	99 4%	68 5%	212 19%	0 -	0 -	0 -	99 9%	0 -	24 6%	0 -	0 -	119 8%	260 19%	24 2%
960 to 1279	632 10%	606 17% C	0 -	26 1%	0 -	468 42%	138 12%	0 -	0 -	26 2%	0 -	0 -	0 -	318 24%	241 15%	0 -	26 2%
1280 to 1599	138 2%	138 4%	0 -	0 -	0 -	0 -	138 12%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	69 5%	0 -
1600 to 1919	164 3%	164 5%	0 -	0 -	0 -	0 -	164 15%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	96 7%	68 4%
1920+	319 5%	319 9%	0 -	0 -	0 -	0 -	319 29%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 5%	183 12%
(DK/NS)	500 8%	255 7%	33 5%	212 9%	70 6%	141 13%	44 4%	56 9%	56 9%	100 9%	0 -	33 8%	56 12%	70 5%	185 12%	130 10%	59 4%
Summary																	
Minimum (excl.0)	1	1	30	2	1	300	100	30	30	2	30	100	1	30	45	30	40
Maximum	5000	5000	900	1000	640	1200	5000	150	300	1000	150	900	450	1200	1000	2200	5000
Total	3534721	2916308	131203	487210	436404	840488	1639416	48523	94669	344019	23137	108066	73198	668433	568937	805096	1094592
Mean (incl.0)	585	903	220	221	372	853	1529	88	160	323	101	294	183	526	412	662	742
Mean (excl.0)	585	903	220	221	372	853	1529	88	160	323	101	294	183	526	412	662	742
Standard Deviation (excl.0)	708	828	189	201	153	293	1123	37	79	242	45	207	145	420	333	643	1076
Standard Error (excl.0)	70	131	42	31	38	93	300	11	23	55	17	57	51	108	71	144	190
Median (excl.0)	310	500	154	147	326	895	1386	81	145	235	105	209	122	312	254	419	282

SECTION D: VARIABLE RATE FERTILIZATION

q21acre. Percentage of acres being treated using Variable Rate Fertilization.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	108	42	21	45	16	11	15	12	13	20	7	14	8	16	24	22	34
	6411*	3416*	630**	2365*	1174**	1127**	1116**	608**	649**	1108**	230**	401**	386**	1341**	1565**	1346**	1533**
1% to 25%	736 11%	312 9%	0 -	423 18%	0 -	0 -	312 28%	0 -	98 15%	325 29%	0 -	0 -	0 -	25 2%	130 8%	130 10%	451 29%
26% to 50%	1087 17%	216 6%	172 27%	700 30% A	125 11%	90 8%	0 -	166 27%	209 32%	325 29%	66 29%	106 26%	118 31%	143 11%	169 11%	329 24%	329 21%
51% to 99%	927 14%	551 16%	90 14%	286 12%	86 7%	260 23%	206 18%	73 12%	56 9%	156 14%	33 14%	57 14%	44 11%	449 34%	134 9%	151 11%	149 10%
100%	3161 49%	2082 61%	336 53%	744 31%	893 76%	635 56%	554 50%	313 51%	228 35%	203 18%	131 57%	205 51%	168 43%	654 49%	947 61%	607 45%	545 36%
(DK/NS)	500 8%	255 7%	33 5%	212 9%	70 6%	141 13%	44 4%	56 9%	56 9%	100 9%	0 -	33 8%	56 15%	70 5%	185 12%	130 10%	59 4%
Summary																	
Minimum (excl.0)	4	4	26	9	37	33	4	30	9	12	30	26	40	20	12	9	4
Maximum	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean (incl.0)	74	83	77	60	91	87	71	78	65	47	78	76	75	82	83	72	55
Mean (excl.0)	74	83	77	60	91	87	71	78	65	47	78	76	75	82	83	72	55
Standard Deviation	33	30	29	33	20	20	42	26	33	31	31	28	26	23	29	32	39
Standard Error	3	5	7	5	5	6	11	8	10	7	12	8	10	6	6	7	7

SECTION D: VARIABLE RATE FERTILIZATION

q21c. Do you plan to increase, decrease or do the same the amount of variable rate fertilization on your farm over the next one to 3 years?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
Increase	1122 17%	765 22%	33 5%	325 13%	357 29%	225 20%	183 16%	0 -	0 -	325 28%	0 -	33 8%	0 -	201 15%	186 12%	287 21%	392 26%
Decrease	1337 20%	799 23%	33 5%	506 21%	201 16%	392 35%	206 18%	203 33%	174 27%	129 11%	0 -	33 8%	143 31%	495 37%	309 20%	190 14%	201 13%
Remain the same	3780 58%	1738 50%	565 90%	1478 61%	686 55%	368 33%	683 61%	349 57%	419 65%	710 61%	230 100%	335 84%	256 56%	645 48%	884 57%	869 65%	940 61%
(DK/NS)	298 5%	185 5%	0 -	113 5%	0 -	141 13%	44 4%	56 9%	56 9%	0 -	0 -	0 -	56 12%	0 -	185 12%	0 -	0 -

SECTION D: VARIABLE RATE FERTILIZATION

q21d. In your view, what is the main reason for using variable rate fertilization?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
To save money	1932 30%	1061 30%	205 32%	667 28%	468 38%	90 8%	502 45%	113 19%	212 33%	342 29%	33 14%	172 43%	0 -	424 32%	553 35%	397 29%	558 36%
To increase/maximize crop yields	1602 25%	1121 32% C	213 34%	268 11%	181 15%	592 53%	348 31%	56 9%	56 9%	156 13%	131 57%	82 20%	170 37%	410 31%	354 23%	320 24%	280 18%
More efficient use of fertilizer	1214 19%	561 16%	66 10%	588 24%	350 28%	143 13%	68 6%	256 42%	53 8%	278 24%	0 -	66 16%	129 28%	361 27%	78 5%	248 18%	296 19%
To target poor crop yield areas (incl. find what nutrients are lacking)	532 8%	232 7%	24 4%	276 11%	1 0	161 14%	70 6%	0 -	73 11%	203 17%	0 -	24 6%	0 -	24 2%	73 5%	307 23%	57 4%
To know how much fertilizer is required	137 2%	81 2%	0 -	56 2%	81 7%	0 -	0 -	0 -	56 9%	0 -	0 -	0 -	0 -	0 -	81 5%	0 -	56 4%
Common/standard practice	113 2%	0 -	0 -	113 5%	0 -	0 -	0 -	56 9%	0 -	56 5%	0 -	0 -	0 -	0 -	56 4%	0 -	56 4%
Dealer recommended	98 2%	42 1%	0 -	56 2%	42 3%	0 -	0 -	0 -	0 -	56 5%	0 -	0 -	0 -	42 3%	0 -	0 -	56 4%
Concerns about soil quality	84 1%	84 2%	0 -	0 -	0 -	0 -	84 8%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	84 5%
Concerns about water quality	68 1%	68 2%	0 -	0 -	68 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 4%	0 -	0 -
To check the nitrogen level of the soil	51 1%	51 1%	0 -	0 -	51 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	51 11%	0 -	0 -	0 -	0 -
Other	325 5%	0 -	57 9%	267 11% A	0 -	0 -	0 -	127 21%	141 22%	0 -	33 14%	24 6%	73 16%	79 6%	116 7%	0 -	57 4%
(DK/NS)	380 6%	185 5%	66 10%	130 5%	0 -	141 13%	44 4%	0 -	56 9%	73 6%	33 14%	33 8%	33 7%	0 -	185 12%	73 5%	33 2%

SECTION D: VARIABLE RATE FERTILIZATION

q22. Do you have your own equipment to apply variable rates of fertilizer such as GPS and/or rate monitors or do you pay to have it custom-applied?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
Have own equipment	2885 44%	1701 49%	385 61%	799 33%	338 27%	602 53%	760 68%	259 43%	228 35%	312 27%	66 29%	319 80%	383 84%	675 50%	274 17%	557 41%	825 54%
Pay to have it custom-applied	2977 46%	1198 34%	213 34%	1565 65% A	835 67%	96 9%	266 24%	349 57%	421 65%	796 68%	131 57%	82 20%	27 6%	596 44%	808 52%	789 59%	630 41%
(DK/NS)	676 10%	586 17%	33 5%	56 2%	70 6%	428 38%	89 8%	0 -	0 -	56 5%	33 14%	0 -	45 10%	70 5%	483 31%	0 -	78 5%

SECTION D: VARIABLE RATE FERTILIZATION

q23a. Thinking about the changes in equipment required, did it cost you money or did you save money when you switched to variable rate technology, factoring in any costs for trading in equipment as well as purchasing new equipment.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have own equipment	47	20	13	14	6	5	9	4	4	6	2	11	7	5	6	8	18
Weighted	2885*	1701**	385**	799**	338**	602**	760**	259**	228**	312**	66**	319**	383**	675**	274**	557**	825**
Cost money	1773 61%	1323 78%	156 40%	295 37%	217 64%	442 73%	664 87%	56 22%	56 25%	182 58%	33 50%	123 39%	100 26%	602 89%	158 58%	169 30%	630 76%
Saved money	932 32%	378 22%	123 32%	431 54%	121 36%	161 27%	96 13%	203 78%	172 75%	56 18%	0 -	123 39%	251 65%	73 11%	116 42%	290 52%	146 18%
(DK/NS)	179 6%	0 -	106 28%	73 9%	0 -	0 -	0 -	0 -	0 -	73 24%	33 50%	73 23%	33 9%	0 -	0 -	98 18%	49 6%

SECTION D: VARIABLE RATE FERTILIZATION

q23bx. What would be the approximate amount that you SPENT switching to variable rate technology?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Spent money when switched	27	16	5	6	4	4	8	1	1	4	1	4	2	4	4	3	12
Weighted	1773*	1323**	156**	295**	217**	442**	664**	56**	56**	182**	33**	123**	100**	602**	158**	169**	630**
1000 or Less	42 2%	42 3%	0 -	0 -	0 -	0 -	42 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 7%
1001 to 10,000	266 15%	87 7%	123 79%	56 19%	19 9%	0 -	69 10%	0 -	0 -	56 31%	0 -	123 100%	0 -	0 -	57 36%	33 19%	108 17%
10,001 to 50,000	1039 59%	857 65%	0 -	182 62%	199 91%	242 55%	416 63%	0 -	56 100%	126 69%	0 -	0 -	44 44%	421 70%	68 43%	137 81%	324 51%
50,001 to 100,000	171 10%	138 10%	33 21%	0 -	0 -	0 -	138 21%	0 -	0 -	0 -	33 100%	0 -	0 -	0 -	33 21%	0 -	138 22%
100,001+	19 1%	19 1%	0 -	0 -	0 -	19 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	19 3%
(DK/NS)	237 13%	181 14%	0 -	56 19%	0 -	181 41%	0 -	56 100%	0 -	0 -	0 -	0 -	56 56%	181 30%	0 -	0 -	0 -
Summary																	
Mean	30183.2	33248.1	18285.2	23268.7	34759.8	31197.2	33559.1	0	40000.0	18097.4	60000.0	7136.2	50000.0	28719.3	24612.4	20087.4	37504.0
Standard Deviation	27751.3	30035.4	21815.4	12163.2	11848.1	46897.2	25345.7	0	7.7	8946.0	2.1	3152.3	12.6	8429.7	20478.1	5446.6	39137.2
Standard Error	5550.3	7755.1	9756.1	5439.5	5924.0	27076.1	8961.1	0	7.7	4473.0	2.1	1576.1	12.6	4866.9	10239.1	3144.6	11297.9
Median	19620.6	19781.0	6570.0	21840.6	28815.7	14867.1	20869.2	0	40000.0	20427.2	60000.0	5318.9	50000.0	21458.5	11408.1	17631.7	19838.7

SECTION D: VARIABLE RATE FERTILIZATION

q23bx1. What would be the approximate amount that you SAVED switching to variable rate technology?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

	Total	PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
		West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Saved money when switched	15	4	4	7	2	1	1	3	3	1	0	4	4	1	2	3	4
Weighted	932*	378**	123**	431**	121**	161**	96**	203**	172**	56**	-**	123**	251**	73**	116**	290**	146**
1000 or Less	343 37%	51 14%	33 27%	259 60%	51 42%	0 -	0 -	130 64%	73 43%	56 100%	0 -	33 27%	181 72%	73 100%	0 -	0 -	89 61%
1001 to 10,000	261 28%	161 43%	57 47%	43 10%	0 -	161 100%	0 -	0 -	43 25%	0 -	0 -	57 47%	0 -	0 -	43 37%	194 67%	24 17%
10,001 to 50,000	33 4%	0 -	33 27%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 27%	0 -	0 -	0 -	0 -	33 22%
(DK/NS)	295 32%	166 44%	0 -	129 30%	70 58%	0 -	96 100%	73 36%	56 33%	0 -	0 -	0 -	70 28%	0 -	73 63%	96 33%	0 -
Summary																	
Mean	2347.3	1758.0	7241.8	767.8	1000.0	2000.0	0	730.3	1183.9	0.0	0	7241.8	968.8	600.0	1500.0	3355.8	3836.5
Standard Deviation	3587.0	429.3	5945.3	457.8	0.0	0.4	0	149.3	242.2	0.0	0	5945.3	46.4	0.0	0.3	3009.2	6046.5
Standard Error	1081.5	303.5	2972.6	204.7	0.0	0.4	0	105.6	171.2	0.0	0	2972.6	26.8	0.0	0.3	2127.8	3023.3
Median	984.2	1340.4	2587.0	712.6	1000.0	2000.0	0	600.0	1000.0	0	0	2587.0	927.4	600.0	1500.0	2000.0	514.1

SECTION D: VARIABLE RATE FERTILIZATION

q23b. Cost per Acre used for Variable Rate Fertilization

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Spent money when switched	27	16	5	6	4	4	8	1	1	4	1	4	2	4	4	3	12
Weighted	1773*	1323**	156**	295**	217**	442**	664**	56**	56**	182**	33**	123**	100**	602**	158**	169**	630**
10 or Less	207 12%	183 14%	24 16%	0 -	0 -	46 10%	137 21%	0 -	0 -	0 -	0 -	24 20%	0 -	0 -	24 15%	68 40%	0 -
11 to 20	101 6%	69 5%	33 21%	0 -	0 -	0 -	69 10%	0 -	0 -	0 -	0 -	33 27%	0 -	0 -	33 21%	69 40%	0 -
21 to 50	714 40%	558 42%	0 -	156 53%	86 40%	196 44%	275 41%	0 -	0 -	156 86%	0 -	0 -	0 -	334 55%	68 43%	0 -	312 50%
51+	472 27%	291 22%	98 63%	83 28%	131 60%	19 4%	141 21%	0 -	56 100%	26 14%	33 100%	66 53%	44 44%	87 14%	33 21%	33 19%	275 44%
(DK/NS)	279 16%	223 17%	0 -	56 19%	0 -	181 41%	42 6%	56 100%	0 -	0 -	0 -	0 -	56 56%	181 30%	0 -	0 -	42 7%
Summary																	
Minimum (excl.0)	4	4	8	25	22	9	4	0	133	25	400	8	156	28	8	9	22
Maximum	400	363	400	133	156	363	66	0	133	100	400	100	156	66	400	62	363
Mean	56.5	45.3	122.3	65.6	71.9	57.5	30.8	0	133.0	44.7	400.0	48.1	156.0	41.5	103.6	22.1	67.0
Standard Deviation	71.2	51.6	148.0	42.8	44.7	85.5	21.0	0	0	23.4	0.0	38.1	0	13.6	152.8	19.9	63.1
Standard Error	14.5	13.8	66.2	19.1	22.3	49.3	7.9	0	0	11.7	0.0	19.0	0	7.9	76.4	11.5	19.0
Median	38.5	32.5	43.4	37.0	45.9	22.3	26.6	0	133.0	33.9	400.0	18.4	156.0	32.5	20.7	10.7	39.0

SECTION D: VARIABLE RATE FERTILIZATION

q23b. Saved per Acre used for Variable Rate Fertilization

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Saved money when switched	15	4	4	7	2	1	1	3	3	1	0	4	4	1	2	3	4
Weighted	932*	378**	123**	431**	121**	161**	96**	203**	172**	56**	-**	123**	251**	73**	116**	290**	146**
10 or Less	515 55%	212 56%	57 47%	245 57%	51 42%	161 100%	0 -	130 64%	116 67%	0 -	0 -	57 47%	181 72%	73 100%	43 37%	161 55%	57 39%
21 to 50	33 4%	0 -	33 27%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 27%	0 -	0 -	0 -	33 11%	0 -
(DK/NS)	385 41%	166 44%	33 27%	186 43%	70 58%	0 -	96 100%	73 36%	56 33%	56 100%	0 -	33 27%	70 28%	0 -	73 63%	96 33%	89 61%
Summary																	
Minimum (excl.0)	2	2	3	6	2	2	0	8	6	0	0	3	2	8	7	2	3
Maximum	33	2	33	10	2	2	0	10	7	0	0	33	10	8	7	33	5
Mean	6.6	2.0	14.7	7.7	2.0	2.0	0	8.9	6.4	0	0	14.7	6.1	8.0	7.0	7.3	4.1
Standard Deviation	7.2	0.0	14.0	1.5	0.0	0.0	0	1.0	0.5	0	0	14.0	3.1	0.0	0.0	11.7	1.0
Standard Error	2.4	0.0	8.1	0.7	0.0	0.0	0	0.7	0.3	0	0	8.1	1.8	0.0	0.0	8.2	0.7
Median	5.1	2.0	4.3	7.1	2.0	2.0	0	8.0	6.0	0	0	4.3	4.1	8.0	7.0	2.0	3.3

SECTION D: VARIABLE RATE FERTILIZATION

q24a. Including the cost of custom-application, what do you think it costs you per acre to use variable rate fertilization?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Pay to have it custom applied	54	16	7	31	10	2	4	8	9	14	4	3	1	10	13	14	14
Weighted	2977*	1198**	213**	1565**	835**	96**	266**	349**	421**	796**	131**	82**	27**	596**	808**	789**	630**
Less than \$10.00 per acre	731	369	57	305	283	45	42	84	139	83	0	57	27	282	56	190	120
	25%	31%	27%	19%	34%	47%	16%	24%	33%	10%	-	70%	100%	47%	7%	24%	19%
Between \$10.00 and \$20.00 per acre	1208	477	57	674	355	51	70	73	203	398	33	24	0	73	383	526	156
	41%	40%	27%	43%	43%	53%	26%	21%	48%	50%	25%	30%	-	12%	47%	67%	25%
Greater than \$20.00 per acre	353	129	33	191	42	0	87	110	25	56	33	0	0	121	113	0	120
	12%	11%	15%	12%	5%	-	33%	31%	6%	7%	25%	-	-	20%	14%	-	19%
(DK/NS)	684	223	66	395	155	0	68	83	53	259	66	0	0	120	257	73	234
	23%	19%	31%	25%	19%	-	25%	24%	13%	33%	50%	-	-	20%	32%	9%	37%
Summary																	
Minimum (excl.0)	0	5	8	0	5	5	6	0	3	9	10	8	0	5	8	3	5
Maximum	70	35	70	50	35	15	25	35	30	50	70	10	0	35	50	20	70
Mean	14.0	11.8	22.6	14.8	10.0	10.3	18.4	15.2	12.1	16.5	40.0	8.6	0.2	13.2	15.9	11.6	17.8
Standard Deviation	11.6	7.6	25.5	10.9	7.0	5.0	7.2	12.0	7.0	12.2	30.2	0.9	0	11.7	12.4	5.4	17.3
Standard Error	1.8	2.1	11.4	2.3	2.5	3.5	4.2	4.9	2.6	3.9	21.4	0.5	0	4.1	4.4	1.5	5.8
Median	9.5	8.1	8.6	9.6	7.6	5.6	15.5	7.8	8.7	9.8	40.0	8.0	0.2	6.3	9.3	9.4	9.2

SECTION D: VARIABLE RATE FERTILIZATION

q24b. I'd like to read you several cost ranges and would like you to indicate which one is closest to the cost you pay for using variable rate fertilization.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Don't know the price	13	3	2	8	2	0	1	2	2	4	2	0	0	2	5	1	5
Weighted	684*	223**	66**	395**	155**	-**	68**	83**	53**	259**	66**	-**	-**	120**	257**	73**	234**
Less than \$10.00 per acre	120	87	33	0	87	0	0	0	0	0	33	0	0	87	33	0	0
	18%	39%	50%	-	56%	-	-	-	-	-	50%	-	-	73%	13%	-	-
Between \$10.00 and \$20.00 per acre	366	68	33	266	0	0	68	83	53	130	33	0	0	33	156	0	178
	54%	30%	50%	67%	-	-	100%	100%	100%	50%	50%	-	-	27%	61%	-	76%
Greater than \$20.00 per acre	68	68	0	0	68	0	0	0	0	0	0	0	0	0	68	0	0
	10%	30%	-	-	44%	-	-	-	-	-	-	-	-	-	26%	-	-
(DK/NS)	129	0	0	129	0	0	0	0	0	129	0	0	0	0	0	73	56
	19%	-	-	33%	-	-	-	-	-	50%	-	-	-	-	-	100%	24%

SECTION D: VARIABLE RATE FERTILIZATION

q24ab. Including the cost of custom-application, what do you think it costs you per acre to use variable rate fertilization? [SUMMARY]

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Pay to have it custom applied	54	16	7	31	10	2	4	8	9	14	4	3	1	10	13	14	14
Weighted	2977*	1198**	213**	1565**	835**	96**	266**	349**	421**	796**	131**	82**	27**	596**	808**	789**	630**
Less than \$10.00 per acre	851	456	90	305	370	45	42	84	139	83	33	57	27	369	89	190	120
	29%	38%	42%	19%	44%	47%	16%	24%	33%	10%	25%	70%	100%	62%	11%	24%	19%
Between \$10.00 and \$20.00 per acre	1574	545	90	940	355	51	138	156	256	527	66	24	0	106	538	526	334
	53%	45%	42%	60%	43%	53%	52%	45%	61%	66%	50%	30%	-	18%	67%	67%	53%
Greater than \$20.00 per acre	421	197	33	191	110	0	87	110	25	56	33	0	0	121	181	0	120
	14%	16%	15%	12%	13%	-	33%	31%	6%	7%	25%	-	-	20%	22%	-	19%
(DK/NS)	129	0	0	129	0	0	0	0	0	129	0	0	0	0	0	73	56
	4%	-	-	8%	-	-	-	-	-	16%	-	-	-	-	-	9%	9%

SECTION D: VARIABLE RATE FERTILIZATION

q25a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using variable rate fertilization on your farm.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield to your cereal crops from applying different rates of nutrients to specific areas of your fields.																	
Base: Valid respondents Weighted	55	36	11	8	11	10	15	5	2	1	1	10	3	13	13	9	14
	3940*	3210**	302**	427**	986**	1108**	1116**	255**	99**	73**	33**	269**	153**	1215**	974**	666**	747**
Yes	3161 80%	2604 81%	229 76%	329 77%	865 88%	922 83%	818 73%	255 100%	0 -	73 100%	33 100%	196 73%	56 37%	1089 90%	746 77%	642 96%	444 59%
No	593 15%	421 13%	73 24%	99 23%	121 12%	45 4%	255 23%	0 -	99 100%	0 -	0 -	73 27%	96 63%	126 10%	43 4%	24 4%	303 41%
(DK/NS)	185 5%	185 6%	0 -	0 -	0 -	141 13%	44 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	185 19%	0 -	0 -
Change in yield to your pulse crops from applying different rates of nutrients to specific areas of your fields.																	
Base: Valid respondents Weighted	4	4	0	0	2	1	1	0	0	0	0	0	0	3	0	1	0
	587*	587**	-**	-**	288**	161**	138**	-**	-**	-**	-**	-**	-**	426**	-**	161**	-**
Yes	587 100%	587 100%	0 -	0 -	288 100%	161 100%	138 100%	0 -	0 -	0 -	0 -	0 -	0 -	426 100%	0 -	161 100%	0 -
Change in yield to your canola crops from applying different rates of nutrients to specific areas of your fields.																	
Base: Valid respondents Weighted	23	23	0	0	7	5	11	0	0	0	0	0	1	4	4	4	8
	1831*	1831**	-**	-**	560**	474**	797**	-**	-**	-**	-**	-**	51**	395**	415**	314**	540**
Yes	1062 58%	1062 58%	0 -	0 -	518 92%	46 10%	498 63%	0 -	0 -	0 -	0 -	0 -	51 100%	157 40%	229 55%	314 100%	197 36%
No	582 32%	582 32%	0 -	0 -	42 8%	241 51%	298 37%	0 -	0 -	0 -	0 -	0 -	0 -	238 60%	0 -	0 -	344 64%
(DK/NS)	187 10%	187 10%	0 -	0 -	0 -	187 39%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	187 45%	0 -	0 -
Change in yield to your soybean crop from applying different rates of nutrients to specific areas of your fields.																	
Base: Valid respondents Weighted	30	0	0	30	0	0	0	5	7	18	0	0	3	2	6	9	8
	1689*	-**	-**	1689**	-**	-**	-**	252**	398**	1038**	-**	-**	140**	130**	355**	544**	407**
Yes	584 35%	0 -	0 -	584 35%	0 -	0 -	0 -	196 78%	56 14%	332 32%	0 -	0 -	84 60%	0 -	130 37%	202 37%	113 28%
No	992 59%	0 -	0 -	992 59%	0 -	0 -	0 -	0 -	342 86%	650 63%	0 -	0 -	0 -	130 100%	225 63%	342 63%	239 59%
(DK/NS)	113 7%	0 -	0 -	113 7%	0 -	0 -	0 -	56 22%	0 -	56 5%	0 -	0 -	56 40%	0 -	0 -	0 -	56 14%
Change in yield to your corn crop from applying different rates of nutrients to specific areas of your fields.																	
Base: Valid respondents Weighted	46	0	7	39	0	0	0	9	11	19	1	6	2	5	10	12	15
	2265*	-**	213**	2052*	-**	-**	-**	468**	519**	1064**	33**	180**	84**	223**	530**	628**	689**

SECTION D: VARIABLE RATE FERTILIZATION

q25a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using variable rate fertilization on your farm.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Yes	1076 48%	0 -	114 54%	962 47%	0 -	0 -	0 -	339 72%	113 22%	511 48%	0 -	114 64%	27 33%	51 23%	374 71%	154 25%	358 52%
No	1132 50%	0 -	98 46%	1034 50%	0 -	0 -	0 -	73 16%	407 78%	554 52%	33 100%	66 36%	0 -	172 77%	155 29%	474 75%	331 48%
(DK/NS)	56 2%	0 -	0 -	56 3%	0 -	0 -	0 -	56 12%	0 -	0 -	0 -	0 -	56 67%	0 -	0 -	0 -	0 -
Change in yield to your potato crop from applying different rates of nutrients to specific areas of your fields.																	
Base: Valid respondents	3	0	3	0	0	0	0	0	0	0	1	2	0	0	1	0	2
Weighted	82*	..	82**	..	..	..	..	..	..	..	33**	49**	..	..	33**	..	49**
Yes	24 30%	0 -	24 30%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 50%	0 -	0 -	0 -	0 -	24 50%
No	57 70%	0 -	57 70%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 100%	24 50%	0 -	0 -	33 100%	0 -	24 50%

SECTION D: VARIABLE RATE FERTILIZATION

q25b. Would this change be an increase or decrease?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield to ALL CROPS																	
Base: Have experienced a change Weighted	62	31	9	22	11	8	12	9	2	11	1	8	3	12	14	11	17
	4261*	2770**	253**	1238**	986**	922**	863**	468**	113**	657**	33**	221**	135**	1159**	988**	844**	838**
Increase	4261 100%	2770 100%	253 100%	1238 100%	986 100%	922 100%	863 100%	468 100%	113 100%	657 100%	33 100%	221 100%	135 100%	1159 100%	988 100%	844 100%	838 100%
Decrease	26 1%	0 -	0 -	26 2%	0 -	0 -	0 -	26 6%	0 -	0 -	0 -	0 -	0 -	0 -	26 3%	0 -	0 -
Change in yield to your cereal crops from applying different rates of nutrients to specific areas of your fields.																	
Base: Have experienced this change Weighted	42	28	8	6	9	8	11	5	0	1	1	7	1	11	10	8	9
	3161*	2604**	229**	329**	865**	922**	818**	255**	-**	73**	33**	196**	56**	1089**	746**	642**	444**
Increase	3135 99%	2604 100%	229 100%	302 92%	865 100%	922 100%	818 100%	229 90%	0 -	73 100%	33 100%	196 100%	56 100%	1089 100%	720 96%	642 100%	444 100%
Decrease	26 1%	0 -	0 -	26 8%	0 -	0 -	0 -	26 10%	0 -	0 -	0 -	0 -	0 -	0 -	26 4%	0 -	0 -
Change in yield to your pulse crops from applying different rates of nutrients to specific areas of your fields.																	
Base: Have experienced this change Weighted	4	4	0	0	2	1	1	0	0	0	0	0	0	3	0	1	0
	587*	587**	-**	-**	288**	161**	138**	-**	-**	-**	-**	-**	-**	426**	-**	161**	-**
Increase	587 100%	587 100%	0 -	0 -	288 100%	161 100%	138 100%	0 -	0 -	0 -	0 -	0 -	0 -	426 100%	0 -	161 100%	0 -
Change in yield to your canola crops from applying different rates of nutrients to specific areas of your fields.																	
Base: Have experienced this change Weighted	15	15	0	0	6	1	8	0	0	0	0	0	1	2	2	4	4
	1062*	1062**	-**	-**	518**	46**	498**	-**	-**	-**	-**	-**	51**	157**	229**	314**	197**
Increase	1062 100%	1062 100%	0 -	0 -	518 100%	46 100%	498 100%	0 -	0 -	0 -	0 -	0 -	51 100%	157 100%	229 100%	314 100%	197 100%
Change in yield to your soybean crop from applying different rates of nutrients to specific areas of your fields.																	
Base: Have experienced this change Weighted	10	0	0	10	0	0	0	4	1	5	0	0	2	0	2	3	2
	584*	-**	-**	584**	-**	-**	-**	196**	56**	332**	-**	-**	84**	-**	130**	202**	113**
Increase	584 100%	0 -	0 -	584 100%	0 -	0 -	0 -	196 100%	56 100%	332 100%	0 -	0 -	84 100%	0 -	130 100%	202 100%	113 100%
Change in yield to your corn crop from applying different rates of nutrients to specific areas of your fields.																	
Base: Have experienced this change Weighted	22	0	4	18	0	0	0	7	2	9	0	4	1	2	7	3	7
	1076*	-**	114**	962**	-**	-**	-**	339**	113**	511**	-**	114**	27**	51**	374**	154**	358**
Increase	1076 100%	0 -	114 100%	962 100%	0 -	0 -	0 -	339 100%	113 100%	511 100%	0 -	114 100%	27 100%	51 100%	374 100%	154 100%	358 100%

SECTION D: VARIABLE RATE FERTILIZATION

q25b. Would this change be an increase or decrease?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield to your potato crop from applying different rates of nutrients to specific areas of your fields.																	
Base: Have experienced this change	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Weighted	24*	-**	24**	-**	-**	-**	-**	-**	-**	-**	-**	24**	-**	-**	-**	-**	24**
Increase	24 100%	0 -	24 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 100%	0 -	0 -	0 -	0 -	24 100%

SECTION D: VARIABLE RATE FERTILIZATION

q25c1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your cereal crops from applying different rates of nutrients to specific areas of your fields.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	41	28	8	5	9	8	11	4	0	1	1	7	1	11	9	8	9
	3135*	2604**	229**	302**	865**	922**	818**	229**	-**	73**	33**	196**	56**	1089**	720**	642**	444**
1-2	225 7%	225 9%	0 -	0 -	0 -	0 -	225 28%	0 -	0 -	0 -	0 -	0 -	0 -	138 13%	0 -	0 -	87 20%
3-5	1247 40%	1190 46%	57 25%	0 -	411 48%	599 65%	179 22%	0 -	0 -	0 -	0 -	57 29%	0 -	526 48%	196 27%	266 41%	212 48%
6+	1585 51%	1144 44%	139 61%	302 100%	454 52%	277 30%	413 51%	229 100%	0 -	73 100%	33 100%	106 54%	56 100%	425 39%	491 68%	376 59%	99 22%
(DK/NS)	78 2%	45 2%	33 14%	0 -	0 -	45 5%	0 -	0 -	0 -	0 -	0 -	33 17%	0 -	0 -	33 5%	0 -	45 10%
Summary																	
Minimum (excl.0)	2	2	5	8	3	5	2	8	0	10	15	5	10	2	5	4	2
Maximum	15	15	15	15	15	15	15	15	0	10	15	15	10	15	15	10	15
Mean	7.6	7.0	10.0	11.2	7.2	6.7	7.1	11.5	0	10.0	15.0	9.0	10.0	6.5	9.2	7.4	6.1
Standard Deviation	3.8	3.6	3.8	2.8	3.3	2.9	4.4	3.1	0	0.0	0	3.4	0	3.4	4.2	2.6	3.9
Standard Error	0.6	0.7	1.4	1.3	1.1	1.1	1.3	1.6	0	0.0	0	1.4	0	1.0	1.5	0.9	1.4
Median	5.5	4.9	7.5	9.2	5.3	5.0	5.1	9.5	0	10.0	15.0	6.5	10.0	4.5	6.6	5.8	3.6

SECTION D: VARIABLE RATE FERTILIZATION

q25c1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your pulse crops from applying different rates of nutrients to specific areas of your fields.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	4	4	0	0	2	1	1	0	0	0	0	0	0	3	0	1	0
	587*	587**	-**	-**	288**	161**	138**	-**	-**	-**	-**	-**	-**	426**	-**	161**	-**
	3-5	449	449	0	0	288	161	0	0	0	0	0	0	288	0	161	0
	77%	77%	-	-	100%	100%	-	-	-	-	-	-	-	68%	-	100%	-
	6+	138	138	0	0	0	0	138	0	0	0	0	0	138	0	0	0
	23%	23%	-	-	-	-	100%	-	-	-	-	-	-	32%	-	-	-
Summary																	
Minimum (excl.0)	3	3	0	0	3	5	7	0	0	0	0	0	0	3	0	5	0
Maximum	7	7	0	0	5	5	7	0	0	0	0	0	0	7	0	5	0
Mean	5.2	5.2	0	0	4.4	5.0	7.0	0	0	0	0	0	0	5.2	0	5.0	0
Standard Deviation	1.2	1.2	0	0	0.9	0	0.0	0	0	0	0	0	0	1.4	0	0	0
Standard Error	0.6	0.6	0	0	0.7	0	0.0	0	0	0	0	0	0	0.8	0	0	0
Median	4.1	4.1	0	0	3.6	5.0	7.0	0	0	0	0	0	0	4.3	0	5.0	0

SECTION D: VARIABLE RATE FERTILIZATION

q25c1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your canola crops from applying different rates of nutrients to specific areas of your fields.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	15	15	0	0	6	1	8	0	0	0	0	0	1	2	2	4	4
	1062*	1062**	-**	-**	518**	46**	498**	-**	-**	-**	-**	-**	51**	157**	229**	314**	197**
1-2	223 21%	223 21%	0 -	0 -	0 -	0 -	223 45%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	69 22%	155 79%
3-5	330 31%	330 31%	0 -	0 -	242 47%	46 100%	42 8%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	161 70%	81 26%	42 21%
6+	439 41%	439 41%	0 -	0 -	206 40%	0 -	233 47%	0 -	0 -	0 -	0 -	0 -	51 100%	87 56%	68 30%	164 52%	0 -
(DK/NS)	70 7%	70 7%	0 -	0 -	70 13%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 44%	0 -	0 -	0 -
Summary																	
Minimum (excl.0)	1	1	0	0	5	5	1	0	0	0	0	0	15	10	5	2	1
Maximum	15	15	0	0	15	5	10	0	0	0	0	0	15	10	8	10	5
Mean	6.6	6.6	0	0	7.6	5.0	5.9	0	0	0	0	0	15.0	10.0	5.9	7.0	2.3
Standard Deviation	3.7	3.7	0	0	3.3	0	4.0	0	0	0	0	0	0	0	1.4	3.4	1.5
Standard Error	1.0	1.0	0	0	1.5	0	1.4	0	0	0	0	0	0	0	1.0	1.7	0.7
Median	4.5	4.5	0	0	5.0	5.0	3.8	0	0	0	0	0	15.0	10.0	5.0	5.2	1.4

SECTION D: VARIABLE RATE FERTILIZATION

q25c1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your soybean crop from applying different rates of nutrients to specific areas of your fields.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	10	0	0	10	0	0	0	4	1	5	0	0	2	0	2	3	2
	584*	-**	-**	584**	-**	-**	-**	196**	56**	332**	-**	-**	84**	-**	130**	202**	113**
1-2	129 22%	0 -	0 -	129 22%	0 -	0 -	0 -	56 29%	0 -	73 22%	0 -	0 -	0 -	0 -	56 43%	73 36%	0 -
3-5	73 13%	0 -	0 -	73 13%	0 -	0 -	0 -	0 -	0 -	73 22%	0 -	0 -	0 -	0 -	73 57%	0 -	0 -
6+	113 19%	0 -	0 -	113 19%	0 -	0 -	0 -	113 57%	0 -	0 -	0 -	0 -	56 67%	0 -	0 -	56 28%	0 -
(DK/NS)	269 46%	0 -	0 -	269 46%	0 -	0 -	0 -	27 14%	56 100%	186 56%	0 -	0 -	27 33%	0 -	0 -	73 36%	113 100%
Summary																	
Minimum (excl.0)	2	0	0	2	0	0	0	2	0	2	0	0	6	0	2	2	0
Maximum	8	0	0	8	0	0	0	8	0	4	0	0	6	0	4	8	0
Mean	4.2	0	0	4.2	0	0	0	5.2	0	3.0	0	0	6.0	0	3.1	4.4	0
Standard Deviation	2.1	0	0	2.1	0	0	0	2.3	0	1.0	0	0	0.0	0	1.0	2.7	0
Standard Error	1.0	0	0	1.0	0	0	0	1.3	0	0.7	0	0	0.0	0	0.7	1.9	0
Median	2.8	0	0	2.8	0	0	0	4.0	0	2.0	0	0	6.0	0	2.2	2.0	0

SECTION D: VARIABLE RATE FERTILIZATION

q25c1_5. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your corn crop from applying different rates of nutrients to specific areas of your fields.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	22	0	4	18	0	0	0	7	2	9	0	4	1	2	7	3	7
	1076*	-**	114**	962**	-**	-**	-**	339**	113**	511**	-**	114**	27**	51**	374**	154**	358**
1-2	56 5%	0 -	0 -	56 6%	0 -	0 -	0 -	56 17%	0 -	0 -	0 -	0 -	0 -	0 -	56 15%	0 -	0 -
3-5	156 14%	0 -	0 -	156 16%	0 -	0 -	0 -	0 -	0 -	156 30%	0 -	0 -	0 -	0 -	0 -	73 48%	26 7%
6+	642 60%	0 -	114 100%	528 55%	0 -	0 -	0 -	173 51%	113 100%	242 47%	0 -	114 100%	0 -	51 100%	292 78%	24 16%	219 61%
(DK/NS)	222 21%	0 -	0 -	222 23%	0 -	0 -	0 -	110 32%	0 -	113 22%	0 -	0 -	27 100%	0 -	26 7%	56 37%	113 31%
Summary																	
Minimum (excl.0)	2	0	10	2	0	0	0	2	15	5	0	10	0	10	2	5	5
Maximum	15	0	15	15	0	0	0	15	15	14	0	15	0	10	15	10	15
Mean	9.9	0	11.4	9.7	0	0	0	9.6	15.0	8.2	0	11.4	0	10.0	10.7	6.3	10.1
Standard Deviation	4.0	0	2.3	4.2	0	0	0	4.9	0.0	3.0	0	2.3	0	0.0	4.7	2.2	2.5
Standard Error	1.0	0	1.1	1.2	0	0	0	2.4	0.0	1.1	0	1.1	0	0.0	1.9	1.5	1.1
Median	9.0	0	10.0	8.8	0	0	0	6.7	15.0	6.8	0	10.0	0	10.0	10.7	5.0	7.6

SECTION D: VARIABLE RATE FERTILIZATION

q25c1_6. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your potato crop from applying different rates of nutrients to specific areas of your fields.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	24*	-**	24**	-**	-**	-**	-**	-**	-**	-**	-**	24**	-**	-**	-**	-**	24**
6+	24 100%	0 -	24 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 100%	0 -	0 -	0 -	0 -	24 100%
Summary																	
Minimum (excl.0)	10	0	10	0	0	0	0	0	0	0	0	10	0	0	0	0	10
Maximum	10	0	10	0	0	0	0	0	0	0	0	10	0	0	0	0	10
Mean	10.0	0	10.0	0	0	0	0	0	0	0	0	10.0	0	0	0	0	10.0
Standard Deviation	0.0	0	0.0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0.0
Standard Error	0.0	0	0.0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0.0
Median	10.0	0	10.0	0	0	0	0	0	0	0	0	10.0	0	0	0	0	10.0

SECTION D: VARIABLE RATE FERTILIZATION

q25c2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using variable rate fertilization. Change in yield to your cereal crops from applying different rates of nutrients to specific areas of your fields.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a Decreased change Weighted (DK/NS)	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0
	26*	-.**	-.**	26**	-.**	-.**	-.**	26**	-.**	-.**	-.**	-.**	-.**	-.**	26**	-.**	-.**
	26 100%	0 -	0 -	26 100%	0 -	0 -	0 -	26 100%	0 -	0 -	0 -	0 -	0 -	0 -	26 100%	0 -	0 -
Summary																	

SECTION D: VARIABLE RATE FERTILIZATION

q25d. Have you noticed a change to input and/or operational costs from variably applying the required amount of nutrients?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
Yes	4138 63%	2101 60%	483 77%	1554 64%	1049 84%	553 49%	499 45%	395 65%	280 43%	879 75%	197 86%	286 71%	326 72%	1063 79%	1144 73%	680 51%	798 52%
No	2048 31%	1034 30%	147 23%	867 36%	125 10%	433 38%	476 43%	213 35%	369 57%	285 25%	33 14%	114 29%	129 28%	208 16%	235 15%	570 42%	736 48%
(DK/NS)	351 5%	351 10%	0 -	0 -	70 6%	141 13%	140 13%	0 -	0 -	0 -	0 -	0 -	0 -	70 5%	185 12%	96 7%	0 -

SECTION D: VARIABLE RATE FERTILIZATION

q25e. Would this change be an increase or decrease?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have noticed a change	73	27	16	30	14	6	7	8	6	16	6	10	7	13	18	13	20
Weighted	4138*	2101**	483**	1554**	1049**	553**	499**	395**	280**	879**	197**	286**	326**	1063**	1144**	680**	798**
Increase	2729 66%	1545 74%	237 49%	947 61%	720 69%	507 92%	318 64%	195 49%	81 29%	670 76%	164 83%	73 26%	299 92%	773 73%	804 70%	340 50%	387 49%
Decrease	1408 34%	556 26%	246 51%	607 39%	329 31%	45 8%	182 36%	200 51%	198 71%	208 24%	33 17%	213 74%	27 8%	290 27%	340 30%	340 50%	411 51%

SECTION D: VARIABLE RATE FERTILIZATION

q25f. Please tell me how much of an INCREASE in dollars per acre you have seen as a result of using variable rate fertilization.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have noticed an Increase Weighted	45	20	8	17	11	5	4	4	2	11	5	3	6	9	12	5	11
	2729*	1545**	237**	947**	720**	507**	318**	195**	81**	670**	164**	73**	299**	773**	804**	340**	387**
5 or less	753 28%	471 30%	57 24%	225 24%	356 49%	45 9%	70 22%	0 -	0 -	225 34%	33 20%	24 33%	45 15%	312 40%	157 20%	56 17%	113 29%
6 - 10	594 22%	352 23%	0 -	242 26%	156 22%	196 39%	0 -	56 29%	0 -	186 28%	0 -	0 -	44 15%	238 31%	113 14%	143 42%	56 15%
11 - 20	378 14%	224 15%	24 10%	130 14%	19 3%	0 -	206 65%	0 -	0 -	130 19%	0 -	24 33%	0 -	138 18%	130 16%	68 20%	43 11%
21 - 50	357 13%	110 7%	66 28%	181 19%	68 9%	0 -	42 13%	26 13%	25 31%	130 19%	66 40%	0 -	33 11%	51 7%	68 8%	73 22%	131 34%
51+	151 6%	70 5%	24 10%	56 6%	51 7%	19 4%	0 -	56 29%	0 -	0 -	0 -	24 33%	108 36%	0 -	0 -	0 -	43 11%
(DK/NS)	497 18%	318 21%	66 28%	113 12%	71 10%	248 49%	0 -	56 29%	56 69%	0 -	66 40%	0 -	70 23%	33 4%	337 42%	0 -	1 0
Summary																	
Minimum (excl.0)	0	5	2	0	5	5	5	10	50	0	2	5	5	5	2	2	0
Maximum	70	70	70	60	70	70	25	60	50	50	50	70	70	50	30	50	70
Mean	17.2	13.5	29.2	20.3	14.0	13.4	12.4	33.1	50.0	16.6	27.3	31.7	40.5	10.0	12.9	17.9	24.2
Standard Deviation	18.5	15.3	23.7	19.8	18.0	15.8	6.0	22.9	0	17.3	19.8	28.0	27.0	8.6	8.8	17.3	22.8
Standard Error	3.0	3.8	9.7	5.1	6.0	9.1	3.0	13.2	0	5.2	11.4	16.2	12.1	3.0	3.1	7.7	7.2
Median	9.1	8.5	21.3	9.0	5.0	7.2	8.9	17.5	50.0	8.0	16.0	12.5	41.5	6.2	8.4	9.2	16.1

SECTION D: VARIABLE RATE FERTILIZATION

q25f1. Please tell me how much of a DECREASE in dollars per acre you have seen as a result of using variable rate fertilization.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have noticed a Decrease	28	7	8	13	3	1	3	4	4	5	1	7	1	4	6	8	9
Weighted	1408*	556**	246**	607**	329**	45**	182**	200**	198**	208**	33**	213**	27**	290**	340**	340**	411**
5 or less	667 47%	430 77%	82 33%	156 26%	248 75%	0 -	182 100%	73 37%	83 42%	0 -	33 100%	49 23%	0 -	217 75%	194 57%	144 42%	113 28%
6 - 10	268 19%	126 23%	0 -	142 23%	81 25%	45 100%	0 -	0 -	43 21%	100 48%	0 -	0 -	0 -	0 -	88 26%	81 24%	100 24%
11 - 20	192 14%	0 -	66 27%	127 21%	0 -	0 -	0 -	27 14%	73 37%	26 13%	0 -	66 31%	27 100%	73 25%	0 -	33 10%	59 14%
21 - 50	148 11%	0 -	66 27%	83 14%	0 -	0 -	0 -	26 13%	0 -	56 27%	0 -	66 31%	0 -	0 -	26 8%	56 17%	66 16%
51+	73 5%	0 -	0 -	73 12%	0 -	0 -	0 -	73 37%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 18%
(DK/NS)	59 4%	0 -	33 13%	26 4%	0 -	0 -	0 -	0 -	0 -	26 13%	0 -	33 15%	0 -	0 -	33 10%	26 8%	0 -
Summary																	
Minimum (excl.0)	1	1	3	5	1	10	2	5	5	10	3	5	20	1	3	2	2
Maximum	70	10	40	70	8	10	2	70	15	25	3	40	20	15	30	25	70
Mean	13.2	4.2	17.8	20.0	4.7	10.0	2.0	34.1	9.3	16.1	3.0	20.5	20.0	6.3	8.1	9.8	23.9
Standard Deviation	16.3	2.9	13.2	20.4	2.5	0.0	0.0	28.6	4.5	6.9	0.0	12.5	0	5.3	7.0	8.0	24.2
Standard Error	3.2	1.1	5.0	5.9	1.5	0.0	0.0	14.3	2.2	3.4	0.0	5.1	0	2.7	3.1	3.0	8.1
Median	5.2	2.2	12.6	9.8	2.9	10.0	2.0	19.7	6.2	10.0	3.0	16.3	20.0	2.8	4.5	5.5	9.4

SECTION D: VARIABLE RATE FERTILIZATION

q26. Factoring in all costs and dollar benefits but not including any government incentives you might receive, do you believe that variable rate fertilization results in an economic net gain, a net loss, or no change on your farm?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
Net gain	4281 65%	2340 67%	426 68%	1515 63%	999 80%	786 70%	554 50%	498 82%	354 55%	663 57%	131 57%	295 74%	356 78%	800 60%	1153 74%	859 64%	815 53%
Net loss	210 3%	70 2%	0 -	140 6%	70 6%	0 -	0 -	27 4%	56 9%	56 5%	0 -	0 -	0 -	27 2%	113 7%	70 5%	0 -
No change	1862 28%	892 26%	205 32%	766 32%	174 14%	199 18%	518 46%	83 14%	238 37%	445 38%	98 43%	106 26%	100 22%	513 38%	114 7%	417 31%	718 47%
(DK/NS)	185 3%	185 5%	0 -	0 -	0 -	141 13%	44 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	185 12%	0 -	0 -

SECTION D: VARIABLE RATE FERTILIZATION

q27. Have you received any financial incentive from the government to assist you with variable rate fertilization?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
Yes	271 4%	271 8%	0 -	0 -	271 22%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	201 15%	0 -	70 5%	0 -
No	6082 93%	3030 87%	630 100%	2421 100% A	973 78%	985 87%	1072 96%	608 100%	649 100%	1164 100%	230 100%	401 100%	456 100%	1140 85%	1379 88%	1276 95%	1533 100%
(DK/NS)	185 3%	185 5%	0 -	0 -	0 -	141 13%	44 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	185 12%	0 -	0 -

SECTION D: VARIABLE RATE FERTILIZATION

q28. How important do you feel it is for the government to provide financial incentives or grants for variable rate fertilization?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
Very important	2697 41%	1443 41%	246 39%	1009 42%	542 44%	690 61%	211 19%	283 47%	358 55%	368 32%	131 57%	114 29%	278 61%	434 32%	710 45%	557 41%	490 32%
Somewhat important	2094 32%	1088 31%	229 36%	777 32%	432 35%	96 9%	560 50%	212 35%	110 17%	454 39%	66 29%	163 41%	51 11%	471 35%	444 28%	250 19%	809 53%
Not very important	578 9%	267 8%	90 14%	220 9%	0 -	199 18%	68 6%	56 9%	25 4%	139 12%	0 -	90 22%	0 -	206 15%	113 7%	57 4%	202 13%
Not at all important	951 15%	503 14%	33 5%	415 17%	270 22%	0 -	233 21%	56 9%	156 24%	203 17%	0 -	33 8%	126 28%	230 17%	113 7%	482 36%	0 -
(DK/NS)	218 3%	185 5%	33 5%	0 -	0 -	141 13%	44 4%	0 -	0 -	0 -	33 14%	0 -	0 -	0 -	185 12%	0 -	33 2%
Summary																	
Top2box (Important)	4791 73%	2531 73%	475 75%	1786 74%	973 78%	786 70%	771 69%	496 81%	468 72%	822 71%	197 86%	278 69%	330 72%	905 67%	1154 74%	807 60%	1299 85%
Low2box (Not Important)	1528 23%	770 22%	123 19%	635 26%	270 22%	199 18%	301 27%	113 19%	181 28%	342 29%	0 -	123 31%	126 28%	436 33%	225 14%	539 40%	202 13%

SECTION D: VARIABLE RATE FERTILIZATION

q29. How much per acre do you currently receive in government incentives for using variable rate fertilization?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive from government	2	2	0	0	2	0	0	0	0	0	0	0	0	1	0	1	0
Weighted	271*	271**	-.**	-.**	271**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	201**	-.**	70**	-.**
< 2	201 74%	201 74%	0 -	0 -	201 74%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	201 100%	0 -	0 -	0 -
2 - 5	70 26%	70 26%	0 -	0 -	70 26%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 100%	0 -
Summary																	
Minimum (excl.0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
Maximum	4	4	0	0	4	0	0	0	0	0	0	0	0	0	0	4	0
Mean	1.3	1.3	0	0	1.3	0	0	0	0	0	0	0	0	0.3	0	4.0	0
Standard Deviation	1.6	1.6	0	0	1.6	0	0	0	0	0	0	0	0	0.0	0	0.0	0
Standard Error	1.1	1.1	0	0	1.1	0	0	0	0	0	0	0	0	0.0	0	0.0	0
Median	0.3	0.3	0	0	0.3	0	0	0	0	0	0	0	0	0.3	0	4.0	0

SECTION D: VARIABLE RATE FERTILIZATION

q30a. Do you feel that the financial incentive that you received from the government is adequate?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do Variable Rate Fertilization Weighted	110	43	21	46	17	11	15	12	13	21	7	14	9	16	24	22	34
	6537*	3486*	630**	2421*	1244**	1127**	1116**	608**	649**	1164**	230**	401**	456**	1341**	1565**	1346**	1533**
No	271 4%	271 8%	0 -	0 -	271 22%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	201 15%	0 -	70 5%	0 -
(DK/NS)	6267 96%	3216 92%	630 100%	2421 100%	973 78%	1127 100%	1116 100%	608 100%	649 100%	1164 100%	230 100%	401 100%	456 100%	1140 85%	1565 100%	1276 95%	1533 100%

SECTION D: VARIABLE RATE FERTILIZATION

q30b. What percentage of the cost of variable rate fertilization do you think should be covered by the government?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Important for gov't to provide financial incentives	81	31	16	34	13	8	10	10	9	15	6	10	7	11	18	12	28
Weighted	4791*	2531**	475**	1786*	973**	786**	771**	496**	468**	822**	197**	278**	330**	905**	1154**	807**	1299**
NONE	89 2%	0 -	33 7%	56 3%	0 -	0 -	0 -	0 -	0 -	56 7%	0 -	33 12%	0 -	0 -	0 -	56 7%	33 3%
1% to 25%	1741 36%	1022 40%	147 31%	571 32%	634 65%	51 7%	337 44%	229 46%	27 6%	315 38%	66 33%	82 29%	0 -	400 44%	541 47%	266 33%	396 30%
26% to 50%	1997 42%	1225 48%	180 38%	592 33%	339 35%	494 63%	392 51%	111 22%	269 57%	212 26%	98 50%	82 29%	200 61%	308 34%	411 36%	434 54%	542 42%
51% to 99%	503 10%	196 8%	82 17%	225 13%	0 -	196 25%	0 -	26 5%	43 9%	156 19%	33 17%	49 18%	0 -	196 22%	125 11%	24 3%	157 12%
100%	245 5%	42 2%	0 -	203 11%	0 -	0 -	42 5%	73 15%	73 16%	56 7%	0 -	0 -	73 22%	0 -	0 -	0 -	172 13%
(DK/NS)	217 5%	45 2%	33 7%	139 8%	0 -	45 6%	0 -	56 11%	56 12%	26 3%	0 -	33 12%	56 17%	0 -	78 7%	26 3%	0 -
Summary																	
Minimum (excl.0)	10	10	20	10	10	25	10	10	25	10	25	20	40	10	20	10	10
Maximum	100	100	75	100	50	75	100	100	100	100	75	75	100	75	70	66	100
Mean (incl.0)	41	37	40	46	29	51	36	42	55	44	44	37	62	36	38	32	50
Mean (excl.0)	42	37	43	48	29	51	36	42	55	48	44	42	62	36	38	34	52
Standard Deviation	24	20	18	28	16	17	20	30	24	28	17	19	23	23	17	14	28
Standard Error	3	4	5	5	5	6	6	10	8	8	7	7	9	7	4	5	5

SECTION E: MANURE MANAGEMENT

q32. You mentioned you apply manure on your farm. I would like to ask you a few questions about this practice. First of all, please tell me which of the following is the main type of manure that you apply on your farm?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Manure Weighted	541 34286	239 20641	72 2120*	230 11526	102 9485*	76 6394*	61 4762*	77 3923*	83 4061*	70 3541*	36 1098*	36 1022*	73 5285*	69 4863*	162 10703*	131 7303	82 4260*
Liquid Manure																	
Yes	7059 21%	2057 10%	369 17%	4633 40% AB	818 9%	296 5%	943 20% E	1228 31%	1738 43%	1667 47%	131 12%	237 23%	403 8%	562 12%	1509 14%	2735 37% LMN	1678 39% LMN
No	27129 79%	18584 90% C	1751 83% C	6794 59%	8667 91%	6098 95% F	3818 80%	2622 67%	2298 57%	1874 53%	966 88%	785 77%	4883 92% OP	4276 88% OP	9194 86% OP	4495 62%	2582 61%
(DK/NS)	98 0	0 -	0 -	98 1%	0 -	0 -	0 -	73 2%	25 1%	0 -	0 -	0 -	0 -	25 1%	0 -	73 1%	0 -
Solid manure																	
Yes	27804 81%	17492 85% C	1948 92% C	8363 73%	8141 86%	5470 86%	3881 82%	2976 76%	2996 74%	2391 68%	1040 95%	908 89%	4377 83%	4167 86%	8906 83%	5331 73%	3297 77%
No	6482 19%	3148 15%	172 8%	3162 27% AB	1344 14%	924 14%	880 18%	948 24%	1065 26%	1150 32%	57 5%	115 11%	908 17%	697 14%	1797 17%	1972 27%	963 23%
Composted manure																	
Yes	12129 35%	8661 42% C	1088 51% C	2380 21%	4424 47%	2775 43%	1461 31%	718 18%	1082 27%	579 16%	696 63% K	392 38%	2750 52% MOP	1218 25%	4955 46% MOP	1400 19%	1004 24%
No	22051 64%	11874 58%	1031 49%	9146 79% AB	4955 52%	3619 57%	3300 69%	3205 82%	2979 73%	2962 84%	401 37%	630 62% J	2429 46%	3645 75% LN	5748 54%	5902 81% LN	3256 76% LN
(DK/NS)	106 0	106 1%	0 -	0 -	106 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	106 2%	0 -	0 -	0 -	0 -

SECTION E: MANURE MANAGEMENT

q33a. When you apply your ..., do you incorporate it into your fields?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Liquid Manure																	
Base: This is main type of manure Weighted	138	27	12	99	8	6	13	25	38	36	4	8	4	8	31	55	37
	7059*	2057**	369**	4633*	818**	296**	943**	1228**	1738*	1667*	131**	237**	403**	562**	1509**	2735*	1678*
Yes	4705 67%	1731 84%	246 67%	2728 59%	773 94%	296 100%	663 70%	531 43%	1274 73%	923 55%	66 50%	180 76%	27 7%	562 100%	960 64%	1679 61%	1361 81%
No	2354 33%	326 16%	123 33%	1905 41%	45 6%	0 -	280 30%	697 57%	464 27%	744 45%	66 50%	57 24%	376 93%	0 -	549 36%	1056 39%	317 19%
Solid manure																	
Base: This is main type of manure Weighted	427	198	66	163	87	65	46	59	61	43	34	32	65	60	132	90	59
	27804	17492	1948*	8363	8141*	5470*	3881*	2976*	2996*	2391*	1040*	908*	4377*	4167*	8906*	5331*	3297*
Yes	21125 76%	13398 77%	1382 71%	6345 76%	6232 77%	4415 81%	2750 71%	2211 74%	2337 78%	1797 75%	622 60%	760 84% J	3698 84%	2800 67%	6355 71%	4393 82%	2594 79%
No	6524 23%	4095 23%	484 25%	1945 23%	1910 23%	1055 19%	1131 29%	765 26%	659 22%	521 22%	385 37% K	98 11%	680 16%	1367 33%	2495 28%	841 16%	704 21%
(DK/NS)	155 1%	0 -	82 4% A	73 1%	0 -	0 -	0 -	0 -	0 -	73 3%	33 3%	49 5%	0 -	0 -	57 1%	98 2%	0 -
Composted manure																	
Base: This is main type of manure Weighted	184	104	37	43	49	36	19	14	19	10	23	14	42	24	68	21	20
	12129	8661*	1088*	2380*	4424*	2775*	1461**	718**	1082**	579**	696**	392**	2750**	1218**	4955*	1400**	1004**
Yes	9398 77%	7049 81%	720 66%	1629 68%	3789 86%	2235 81%	1025 70%	434 60%	790 73%	406 70%	409 59%	311 79%	2078 76%	929 76%	3950 80%	1179 84%	719 72%
No	2680 22%	1611 19%	344 32%	725 30%	635 14%	540 19%	436 30%	258 36%	292 27%	174 30%	287 41%	57 15%	672 24%	289 24%	955 19%	221 16%	286 28%
(DK/NS)	51 0	0 -	24 2% A	26 1%	0 -	0 -	0 -	26 4%	0 -	0 -	0 -	24 6%	0 -	0 -	51 1%	0 -	0 -

SECTION E: MANURE MANAGEMENT

q33b_1. Do you typically incorporate your Liquid Manure?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: This is main type of manure Weighted	138	27	12	99	8	6	13	25	38	36	4	8	4	8	31	55	37
	7059*	2057**	369**	4633*	818**	296**	943**	1228**	1738*	1667*	131**	237**	403**	562**	1509**	2735*	1678*
The same day that it is applied	2223	1118	90	1015	492	51	574	245	175	595	33	57	0	175	511	729	687
	31%	54%	24%	22%	60%	17%	61%	20%	10%	36% H	25%	24%	-	31%	34%	27%	41%
Within 1 to 5 days after it is applied	2950	378	213	2359	45	245	88	369	1120	870	66	147	24	80	548	1286	960
	42%	18%	58%	51%	6%	83%	9%	30%	64%	52%	50%	62%	6%	14%	36%	47%	57%
More than 5 days after it is applied	1141	280	0	861	0	0	280	556	232	73	0	0	346	26	418	352	0
	16%	14%	-	19%	-	-	30%	45%	13%	4%	-	-	86%	5%	28%	13% P	-
(DK/NS)	744	280	66	398	280	0	0	58	211	129	33	33	33	280	31	368	31
	11%	14%	18%	9%	34%	-	-	5%	12%	8%	25%	14%	8%	50%	2%	13%	2%

SECTION E: MANURE MANAGEMENT

q33b_2. Do you typically incorporate your Solid manure?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: This is main type of manure Weighted	427	198	66	163	87	65	46	59	61	43	34	32	65	60	132	90	59
	27804	17492	1948*	8363	8141*	5470*	3881*	2976*	2996*	2391*	1040*	908*	4377*	4167*	8906*	5331*	3297*
The same day that it is applied	3135	1747	302	1086	897	564	286	319	357	410	147	155	411	342	1259	443	570
	11%	10%	16%	13%	11%	10%	7%	11%	12%	17%	14%	17%	9%	8%	14%	8%	17%
Within 1 to 5 days after it is applied	12033	6339	990	4704	3618	1764	957	1787	1932	985	450	540	1888	1653	3438	2649	1859
	43%	36%	51% A	56% A	44%	32%	25%	60%	64% I	41%	43%	59%	43%	40%	39%	50%	56%
More than 5 days after it is applied	9924	7798	303	1823	2873	2792	2132	627	525	671	147	156	1775	1409	3403	1794	565
	36%	45% BC	16%	22%	35%	51%	55%	21%	18%	28%	14%	17%	41% P	34%	38% P	34% P	17%
(DK/NS)	2711	1608	353	750	752	350	507	242	182	326	295	57	303	763	807	445	304
	10%	9%	18%	9%	9%	6%	13%	8%	6%	14%	28% K	6%	7%	18%	9%	8%	9%

SECTION E: MANURE MANAGEMENT

q33b_3. Do you typically incorporate your Composted manure?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: This is main type of manure Weighted	184	104	37	43	49	36	19	14	19	10	23	14	42	24	68	21	20
	12129	8661*	1088*	2380*	4424*	2775*	1461**	718**	1082**	579**	696**	392**	2750**	1218**	4955*	1400**	1004**
The same day that it is applied	1890	1323	270	297	725	338	260	56	111	130	188	82	453	115	1079	98	81
	16%	15%	25%	12%	16%	12%	18%	8%	10%	22%	27%	21%	16%	9%	22%	7%	8%
Within 1 to 5 days after it is applied	5399	3771	401	1228	2184	1301	285	338	504	386	237	163	1262	622	2046	591	605
	45%	44%	37%	52%	49%	47%	20%	47%	47%	67%	34%	42%	46%	51%	41%	42%	60%
More than 5 days after it is applied	3423	2706	262	455	1292	798	616	169	248	37	172	90	734	283	1278	622	144
	28%	31%	24%	19%	29%	29%	42%	24%	23%	6%	25%	23%	27%	23%	26%	44%	14%
(DK/NS)	1417	860	156	401	223	338	299	156	219	26	98	57	301	199	552	90	175
	12%	10%	14%	17%	5%	12%	20%	22%	20%	5%	14%	15%	11%	16%	11%	6%	17%

SECTION E: MANURE MANAGEMENT

q33c. Do you analyse your ... for its nutrient content?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Liquid Manure																	
Base: This is main type of manure Weighted	138	27	12	99	8	6	13	25	38	36	4	8	4	8	31	55	37
	7059*	2057**	369**	4633*	818**	296**	943**	1228**	1738*	1667*	131**	237**	403**	562**	1509**	2735*	1678*
Yes	3590 51%	731 36%	221 60%	2638 57%	19 2%	138 47%	574 61%	565 46%	1157 67%	916 55%	66 50%	156 66%	27 7%	126 22%	776 51%	1365 50%	1244 74% O
No	3424 49%	1281 62%	147 40%	1995 43%	754 92%	158 53%	369 39%	663 54%	581 33%	752 45%	66 50%	82 34%	376 93%	436 78%	733 49%	1325 48%	434 26%
(DK/NS)	45 1%	45 2%	0 -	0 -	45 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	45 2%	0 -
Solid manure																	
Base: This is main type of manure Weighted	427	198	66	163	87	65	46	59	61	43	34	32	65	60	132	90	59
	27804	17492	1948*	8363	8141*	5470*	3881*	2976*	2996*	2391*	1040*	908*	4377*	4167*	8906*	5331*	3297*
Yes	4327 16%	1188 7%	532 27% A	2606 31% A	315 4%	96 2%	777 20% DE	1091 37%	820 27%	696 29%	303 29%	229 25%	427 10%	352 8%	980 11%	1495 28% LMN	787 24% N
No	23393 84%	16304 93% BC	1416 73%	5673 68%	7827 96% F	5373 98% F	3104 80%	1885 63%	2149 72%	1639 69%	737 71%	679 75%	3950 90% O	3815 92% OP	7899 89% OP	3837 72%	2454 74%
(DK/NS)	84 0	0 -	0 -	84 1%	0 -	0 -	0 -	0 -	27 1%	56 2%	0 -	0 -	0 -	0 -	27 0	0 -	56 2%
Composted manure																	
Base: This is main type of manure Weighted	184	104	37	43	49	36	19	14	19	10	23	14	42	24	68	21	20
	12129	8661*	1088*	2380*	4424*	2775*	1461**	718**	1082**	579**	696**	392**	2750**	1218**	4955*	1400**	1004**
Yes	1253 10%	566 7%	229 21% A	458 19% A	334 8%	114 4%	118 8%	79 11%	132 12%	247 43%	172 25%	57 15%	248 9%	166 14%	416 8%	193 14%	230 23%
No	10849 89%	8094 93% BC	860 79%	1895 80%	4089 92%	2662 96%	1343 92%	613 85%	950 88%	332 57%	524 75%	335 85%	2502 91%	1052 86%	4513 91%	1207 86%	775 77%
(DK/NS)	26 0	0 -	0 -	26 1%	0 -	0 -	0 -	26 4%	0 -	0 -	0 -	0 -	0 -	0 -	26 1%	0 -	0 -

SECTION E: MANURE MANAGEMENT

q33d. Do you apply your ... at a variable rate?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

	Total	PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
		West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Liquid Manure																	
Base: This is main type of manure Weighted	138	27	12	99	8	6	13	25	38	36	4	8	4	8	31	55	37
	7059*	2057**	369**	4633*	818**	296**	943**	1228**	1738*	1667*	131**	237**	403**	562**	1509**	2735*	1678*
Yes	3475 49%	613 30%	311 84%	2550 55%	198 24%	245 83%	171 18%	703 57%	1043 60%	804 48%	98 75%	213 90%	376 93%	100 18%	589 39%	1194 44%	1043 62%
No	3485 49%	1444 70%	57 16%	1984 43%	620 76%	51 17%	772 82%	482 39%	695 40%	807 48%	33 25%	24 10%	27 7%	462 82%	920 61%	1498 55%	579 34%
(DK/NS)	99 1%	0 -	0 -	99 2%	0 -	0 -	0 -	43 3%	0 -	56 3%	0 -	0 -	0 -	0 -	0 -	43 2%	56 3%
Solid manure																	
Base: This is main type of manure Weighted	427	198	66	163	87	65	46	59	61	43	34	32	65	60	132	90	59
	27804	17492	1948*	8363	8141*	5470*	3881*	2976*	2996*	2391*	1040*	908*	4377*	4167*	8906*	5331*	3297*
Yes	14886 54%	8569 49%	1547 79% AC	4769 57%	4721 58%	2221 41%	1628 42%	1716 58%	1892 63%	1162 49%	885 85%	663 73%	3222 74% MNP	1929 46%	4158 47%	2957 55%	1618 49%
No	12438 45%	8599 49%	401 21%	3438 41% B	3314 41%	3032 55%	2253 58%	1187 40%	1021 34%	1230 51%	156 15%	245 27%	1049 24%	2238 54% L	4697 53% L	2343 44% L	1679 51% L
(DK/NS)	480 2%	324 2%	0 -	156 2%	106 1%	218 4%	0 -	73 2%	84 3%	0 -	0 -	0 -	106 2%	0 -	51 1%	31 1%	0 -
Composted manure																	
Base: This is main type of manure Weighted	184	104	37	43	49	36	19	14	19	10	23	14	42	24	68	21	20
	12129	8661*	1088*	2380*	4424*	2775*	1461**	718**	1082**	579**	696**	392**	2750**	1218**	4955*	1400**	1004**
Yes	6708 55%	4594 53%	794 73%	1320 55%	2870 65%	1465 53%	259 18%	398 55%	694 64%	229 40%	516 74%	278 71%	1943 71%	866 71%	2536 51%	571 41%	392 39%
No	5370 44%	4067 47% B	270 25%	1033 43%	1554 35%	1311 47%	1202 82%	294 41%	388 36%	351 60%	156 22%	115 29%	807 29%	328 27%	2393 48%	829 59%	612 61%
(DK/NS)	51 0	0 -	24 2% A	26 1%	0 -	0 -	0 -	26 4%	0 -	0 -	24 4%	0 -	0 -	24 2%	26 1%	0 -	0 -

SECTION E: MANURE MANAGEMENT

q33e. Do you calibrate your manure spreader to ensure the right rate of application?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Manure Weighted	541 34286	239 20641	72 2120*	230 11526	102 9485*	76 6394*	61 4762*	77 3923*	83 4061*	70 3541*	36 1098*	36 1022*	73 5285*	69 4863*	162 10703*	131 7303	82 4260*
Yes	14751 43%	6539 32%	1146 54%	7066 61%	3672 39%	1258 20%	1609 34%	2674 68%	2064 51%	2328 66%	639 58%	507 50%	2795 53%	1498 31%	4057 38%	3639 50%	2332 55%
No	19458 57%	14050 68%	974 46%	4434 38%	5813 61%	5084 80%	3152 66%	1250 32%	1997 49%	1188 34%	459 42%	515 50%	2490 47%	3365 69%	6570 61%	3664 50%	1929 45%
(DK/NS)	76 0	51 0	0 -	25 0	0 -	51 1%	0 -	0 -	0 -	25 1%	0 -	0 -	0 -	0 -	76 1%	0 -	0 -

SECTION E: MANURE MANAGEMENT

q34. For how many years have you been using some type of manure on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Manure Weighted	541 34286	239 20641	72 2120*	230 11526	102 9485*	76 6394*	61 4762*	77 3923*	83 4061*	70 3541*	36 1098*	36 1022*	73 5285*	69 4863*	162 10703*	131 7303	82 4260*
5 or less	1288 4%	786 4%	33 2%	470 4%	116 1%	171 3%	499 10% D	221 6%	73 2%	176 5%	0 -	33 3%	185 3%	84 2%	417 4%	231 3%	84 2%
6 to 10	2600 8%	2200 11% BC	33 2%	368 3%	564 6%	823 13%	813 17%	183 5%	80 2%	105 3%	0 -	33 3%	257 5%	430 9%	822 8%	437 6%	410 10%
11 to 20	6959 20%	4145 20%	295 14%	2519 22%	1779 19%	1613 25%	753 16%	1133 29%	905 22%	481 14%	189 17%	106 10%	1277 24%	982 20%	2030 19%	1509 21%	697 16%
21+	23272 68%	13441 65%	1735 82% A	8096 70%	6958 73%	3787 59%	2696 57%	2386 61%	2930 72%	2780 78%	885 81%	850 83%	3567 67%	3343 69%	7293 68%	5125 70%	3069 72%
(DK/NS)	166 0	69 0	24 1%	73 1%	69 1%	0 -	0 -	0 -	73 2%	0 -	24 2%	0 -	0 -	24 1%	142 1%	0 -	0 -
Summary																	
Minimum (excl.0)	1	3	3	1	5	5	3	1	5	2	15	3	3	5	1	2	3
Maximum	60	60	60 A	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Mean	30.0	29.5	35.1 AC	29.9	31.3	28.8	26.8	26.6	31.6	31.8	34.1	36.1	30.7	30.3	28.7	31.4	31.0
Standard Deviation	14.8	15.0	13.8	14.3	14.0	15.1	16.3	14.6	13.5	14.3	12.6	14.8	16.6	13.5	13.2	15.1	14.8
Standard Error	0.6	1.0	1.6	0.9	1.4	1.7	2.1	1.7	1.5	1.7	2.1	2.5	1.9	1.6	1.0	1.3	1.6
Median	29.1	28.0	29.5	29.2	26.0	23.7	24.4	24.7	27.9	29.4	28.4	31.5	24.4	28.5	29.2	29.3	28.3

SECTION E: MANURE MANAGEMENT

q35. Of the ... acres that you mentioned you have in annual crops, on how many of these acres do you typically apply manure?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Manure Weighted	541 34286	239 20641	72 2120*	230 11526	102 9485*	76 6394*	61 4762*	77 3923*	83 4061*	70 3541*	36 1098*	36 1022*	73 5285*	69 4863*	162 10703*	131 7303	82 4260*
1 to 79	15482 45%	9318 45%	1089 51%	5076 44%	5106 54%	2744 43%	1468 31%	2663 68%	1619 40%	794 22%	746 68%	343 34%	3583 OP	2734 OP	5501 OP	2121 29%	716 17%
80 to 159	9044 26%	4831 23%	573 27%	3641 32%	1853 20%	1855 29%	1123 24%	1156 29%	1395 34%	1090 31%	352 32%	221 22%	1015 19%	1778 37%	2423 23%	2481 34%	772 18%
160 to 319	5585 16%	3221 16%	376 18%	1987 17%	1313 14%	1173 18%	735 15%	0 -	1047 26%	940 27%	0 -	376 37%	532 10%	158 3%	1942 18%	1686 23%	930 22%
320 to 639	2815 8%	2204 11%	49 2%	562 5%	886 9%	250 4%	1069 22%	0 -	0 -	562 16%	0 -	49 5%	81 2%	88 2%	611 6%	841 12%	1138 27%
640 to 959	426 1%	401 2%	0 -	25 0	68 1%	119 2%	214 4%	0 -	0 -	25 1%	0 -	0 -	0 -	0 -	180 2%	42 1%	205 5%
960 to 1279	181 1%	181 1%	0 -	0 -	0 -	137 2%	44 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	181 4%
1280 to 1599	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	0 -	0 -	73 2%
1920+	108 0	108 1%	0 -	0 -	0 -	0 -	108 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	108 3%
(DK/NS)	571 2%	377 2%	33 2%	161 1%	259 3%	118 2%	0 -	105 3%	0 -	56 2%	0 -	33 3%	73 1%	106 2%	45 0	133 2%	137 3%
Summary																	
Minimum (excl.0)	1	1	6	1	1	1	10	1	3	17	6	20	1	1	1	20	1
Maximum	4000	4000	500 C	1400	640	1200 D	4000 DE	150	310	1400 GH	150	500 J	320	400	800	750	4000 LMNO
Total	5066420	3410323	218139	1437958	1109328	887266	1413728	231497	462518	743944	66578	151561	397432	364073	1294422	1167371	1664400
Mean (incl.0)	150	168	105	127	120	141	297 DE	61	114 G	213 GH	61	153 J	76	77	121 L	163 LMN	404 LMNO
Mean (excl.0)	150	168	105	127	120	141	297 DE	61	114 G	213 GH	61	153 J	76	77	121 L	163 LMN	404 LMNO
Standard Deviation (excl.0)	249	298	94	148	128	196	523	38	73	227	46	108	82	63	138	132	574
Standard Error (excl.0)	11	20	11	10	13	23	67	4	8	27	8	18	10	8	11	12	64
Median (excl.0)	79	78	72 A	89	65	78	120	46	95	145	42	124	38	66	70	100	255 N

SECTION E: MANURE MANAGEMENT

q35acre. Percentage of acres being treated using Manure.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Manure Weighted	541 34286	239 20641	72 2120*	230 11526	102 9485*	76 6394*	61 4762*	77 3923*	83 4061*	70 3541*	36 1098*	36 1022*	73 5285*	69 4863*	162 10703*	131 7303	82 4260*
Less than 1%	909 3%	841 4%	0 -	69 1%	44 0	502 8%	295 6%	69 2%	0 -	0 -	0 -	0 -	0 -	37 1%	537 5%	0 -	335 8%
1% to 25%	19814 58%	15386 75%	851 40%	3576 31%	6633 70%	4938 77%	3816 80%	550 14%	1236 30%	1790 51%	385 35%	466 46%	2905 55%	3811 78%	6861 64%	3089 42%	1564 37%
26% to 50%	7411 22%	2583 13%	679 32%	4149 36%	1457 15%	581 9%	545 11%	1853 47%	1207 30%	1089 31%	279 25%	401 39%	1801 34%	410 8%	1883 18%	2311 32%	878 21%
51% to 99%	2659 8%	706 3%	237 11%	1716 15%	590 6%	51 1%	64 1%	492 13%	951 23%	273 8%	180 16%	57 6%	286 5%	376 8%	470 4%	913 13%	614 14%
100%	2922 9%	748 4%	319 15%	1855 16%	502 5%	204 3%	42 1%	855 22%	666 16%	334 9%	253 23%	66 6%	219 4%	123 3%	907 8%	856 12%	732 17%
(DK/NS)	571 2%	377 2%	33 2%	161 1%	259 3%	118 2%	0 -	105 3%	0 -	56 2%	0 -	33 3%	73 1%	106 2%	45 0	133 2%	137 3%
Summary																	
Minimum (excl.0)	1	1	4	1	2	1	1	1	1	5	6	4	1	1	1	1	2
Maximum	100	100	100 AC	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean (incl.0)	29	19	42 A	45 A	25 EF	15	11	52 I	48 I	34	49 K	34	26	21	25	38 LMN	40 LMN
Mean (excl.0)	30	19	42 A	45 A	25 EF	16	12	52 I	48 I	34	49 K	34	26	22	26	38 LMN	43 LMN
Standard Deviation	29	22	31	31	25	20	15	31	30	28	34	24	23	22	29	30	34
Standard Error	1	1	4	2	3	2	2	4	3	3	6	4	3	3	2	3	4

SECTION E: MANURE MANAGEMENT

q36a. Do you apply manure on your farm according to a formal manure management plan?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Manure Weighted	541 34286	239 20641	72 2120*	230 11526	102 9485*	76 6394*	61 4762*	77 3923*	83 4061*	70 3541*	36 1098*	36 1022*	73 5285*	69 4863*	162 10703*	131 7303	82 4260*
Yes	12782 37%	5583 27%	695 33%	6504 56% AB	3063 32%	1248 20%	1271 27%	2561 65%	2011 50%	1931 55%	246 22%	450 44%	1864 35%	1923 40%	3090 29%	3093 42% N	2418 57% LN
No	21214 62%	14801 72% C	1391 66% C	5022 44%	6316 67%	5065 79%	3420 72%	1362 35%	2050 50%	1610 45%	819 75%	572 56%	3282 62% P	2859 59%	7613 71% OP	4210 58% P	1772 42%
(DK/NS)	290 1%	257 1%	33 2% C	0 -	106 1%	81 1%	70 1%	0 -	0 -	0 -	33 3%	0 -	139 3%	81 2%	0 -	0 -	70 2%

SECTION E: MANURE MANAGEMENT

q36b. In your view, what is the main reason for using a manure management plan on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Apply manure according to formal plan	239	69	24	146	31	18	20	52	49	45	8	16	20	31	67	71	46
Weighted	12782	5583*	695**	6504*	3063**	1248**	1271**	2561**	2011*	1931*	246**	450**	1864**	1923**	3090*	3093*	2418*
More efficient use of fertilizer and manure	3576	1839	156	1581	1179	326	334	645	480	456	66	90	569	771	642	998	594
	28%	33%	22%	24%	39%	26%	26%	25%	24%	24%	27%	20%	31%	40%	21%	32%	25%
Government mandate	1981	304	90	1587	19	0	285	661	406	519	66	24	60	167	665	477	559
	15%	5%	13%	24% A	1%	-	22%	26%	20%	27%	27%	5%	3%	9%	22%	15%	23%
To increase/maximize crop yields	1656	694	155	807	151	332	212	402	305	99	49	106	144	192	432	522	283
	13%	12%	22%	12%	5%	27%	17%	16%	15%	5%	20%	24%	8%	10%	14%	17%	12%
To save money	1001	328	49	624	149	0	179	229	183	212	0	49	154	197	280	171	199
	8%	6%	7%	10%	5%	-	14%	9%	9%	11%	-	11%	8%	10%	9%	6%	8%
To ensure proper distribution of nutrients	667	293	66	308	251	0	42	78	101	130	33	33	73	125	94	134	240
	5%	5%	9%	5%	8%	-	3%	3%	5%	7%	13%	7%	4%	7%	3%	4%	10%
Environmental benefit	571	178	0	392	66	0	112	80	123	189	0	0	0	93	80	314	85
	4%	3%	-	6%	2%	-	9%	3%	6%	10%	-	-	-	5%	3%	10%	4%
Concerns about soil quality	562	407	49	106	275	133	0	53	26	27	0	49	81	26	139	173	144
	4%	7%	7%	2%	9%	11%	-	2%	1%	1%	-	11%	4%	1%	4%	6%	6%
To reduce manure usage	389	290	0	99	249	42	0	0	73	26	0	0	0	42	249	99	0
	3%	5%	-	2%	8%	3%	-	-	4%	1%	-	-	-	2%	8%	3%	-
Practice crop rotation	359	327	33	0	327	0	0	0	0	0	0	33	280	0	79	0	0
	3%	6%	5%	-	11%	-	-	-	-	-	-	7%	15%	-	3%	-	-
Maximize nutrient value	328	198	0	130	90	108	0	0	0	130	0	0	0	132	73	0	123
	3%	4%	-	2%	3%	9%	-	-	-	7%	-	-	-	7%	2%	-	5%
To save time	277	250	0	26	250	0	0	0	26	0	0	0	0	96	0	0	0
	2%	4%	-	0	8%	-	-	-	1%	-	-	-	-	5%	-	-	-
Concerns about water quality	191	42	66	84	0	0	42	27	56	0	0	66	89	0	27	0	74
	1%	1%	9%	1%	-	-	3%	1%	3%	-	-	15%	5%	-	1%	-	3%
Advised by agronomist	103	0	0	103	0	0	0	0	103	0	0	0	0	0	0	78	25
	1%	-	-	2%	-	-	-	-	5%	-	-	-	-	-	-	3%	1%
To keep up to date with requirements	93	66	0	26	0	0	66	26	0	0	0	0	0	0	0	26	66
	1%	1%	-	0	-	-	5%	1%	-	-	-	-	-	-	-	1%	3%

SECTION E: MANURE MANAGEMENT

q36b. In your view, what is the main reason for using a manure management plan on your farm?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Other	1002 8%	367 7%	33 5%	603 9%	57 2%	309 25%	0 -	360 14%	128 6%	116 6%	33 13%	0 -	413 22%	82 4%	331 11% P	100 3%	0 -
No reason	26 0	0 -	0 -	26 0	0 -	0 -	0 -	0 -	0 -	26 1%	0 -	0 -	0 -	0 -	0 -	0 -	26 1%

SECTION E: MANURE MANAGEMENT

q36c. What criteria do you use to estimate the rate of application of manure? Do you base this on ...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Apply manure according to formal plan	239	69	24	146	31	18	20	52	49	45	8	16	20	31	67	71	46
Weighted	12782	5583*	695**	6504*	3063**	1248**	1271**	2561**	2011*	1931*	246**	450**	1864**	1923**	3090*	3093*	2418*
Soil test results	6197 48%	1708 31%	409 59%	4079 63% A	624 20%	407 33%	678 53%	1542 60%	1251 62%	1286 67%	123 50%	286 64%	744 40%	651 34%	1489 48%	2010 65%	1302 54%
The nutrient requirements of the crops you plan to grow	5469 43%	1649 30%	499 72%	3321 51% A	663 22%	298 24%	688 54%	1301 51%	886 44%	1133 59%	180 73%	319 71%	332 18%	703 37%	1229 40%	2033 66% N	1172 48%
Acreage of land available for spreading	5276 41%	2197 39%	418 60%	2662 41%	1662 54%	308 25%	227 18%	1224 48%	716 36%	721 37%	189 77%	229 51%	1072 57%	1322 69%	1161 38%	917 30%	623 26%
Amount of manure to spread	5112 40%	2442 44%	311 45%	2359 36%	1553 51%	559 45%	330 26%	901 35%	749 37%	709 37%	123 50%	188 42%	655 35%	1277 66%	1153 37%	796 26%	1050 43%
When I see a need for application	570 4%	477 9%	24 4%	69 1%	124 4%	157 13%	196 15%	0 -	69 3%	0 -	0 -	24 5%	57 3%	66 3%	320 10%	51 2%	0 -
Based on soil conditions	152 1%	152 3%	0 -	0 -	68 2%	0 -	84 7%	0 -	0 -	0 -	0 -	0 -	0 -	68 4%	0 -	0 -	0 -
The crops we are going to grow	146 1%	0 -	0 -	146 2%	0 -	0 -	0 -	0 -	146 7%	0 -	0 -	0 -	0 -	73 4%	0 -	73 2%	0 -
Other	836 7%	235 4%	0 -	601 9%	81 3%	154 12%	0 -	204 8%	242 12%	156 8%	0 -	0 -	0 -	73 4%	292 9%	194 6%	225 9%
None	26 0	0 -	0 -	26 0	0 -	0 -	0 -	0 -	0 -	26 1%	0 -	0 -	0 -	0 -	0 -	0 -	26 1%
(DK/NS)	317 2%	45 1%	0 -	272 4%	45 1%	0 -	0 -	272 11%	0 -	0 -	0 -	0 -	272 15%	0 -	0 -	45 1%	0 -

SECTION E: MANURE MANAGEMENT

q37. Do you plan to increase/decrease or do the same amount of manure application on your farm over the next one to 3 years?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Manure	541	239	72	230	102	76	61	77	83	70	36	36	73	69	162	131	82
Weighted	34286	20641	2120*	11526	9485*	6394*	4762*	3923*	4061*	3541*	1098*	1022*	5285*	4863*	10703*	7303	4260*
Increase	3055 9%	2456 12% BC	57 3%	542 5%	717 8%	1022 16%	717 15%	142 4%	99 2%	301 9%	57 5%	0 -	171 3%	360 7%	1495 14%	643 9%	385 9%
Decrease	3855 11%	2619 13% B	49 2%	1187 10%	1089 11%	930 15%	600 13%	355 9%	474 12%	358 10%	24 2%	24 2%	356 7%	916 19%	1083 10%	822 11%	419 10%
Remain the same	26763 78%	15084 73% A	1956 92% A	9723 84% A	7392 78%	4291 67%	3401 71%	3427 87%	3487 86%	2809 79%	1016 93%	940 92%	4652 88%	3554 73%	8024 75%	5764 79%	3456 81%
(DK/NS)	613 2%	483 2%	57 3%	73 1%	287 3%	152 2%	44 1%	0 -	0 -	73 2%	0 -	57 6%	106 2%	33 1%	100 1%	73 1%	0 -

SECTION E: MANURE MANAGEMENT

q38. Do you apply the manure yourself or do you hire an outside source to apply it for you?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Manure Weighted	541 34286	239 20641	72 2120*	230 11526	102 9485*	76 6394*	61 4762*	77 3923*	83 4061*	70 3541*	36 1098*	36 1022*	73 5285*	69 4863*	162 10703*	131 7303	82 4260*
Self-applied	22918 67%	11520 56%	2062 97%	9336 81%	5728 60%	3454 54%	2338 49%	3104 79%	3258 80%	2973 84%	1065 97%	998 98%	4126 78%	2752 57%	6644 62%	5279 72%	3039 71%
Hire custom application	11262 33%	9015 44%	57 3%	2190 19%	3650 38%	2941 46%	2424 51%	820 21%	803 20%	568 16%	33 3%	24 2%	1159 22%	2005 41%	4059 38%	2024 28%	1221 29%
(DK/NS)	106 0	106 1%	0 -	0 -	106 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	106 2%	0 -	0 -	0 -

SECTION E: MANURE MANAGEMENT

q39. What do you think it costs you per acre to apply manure on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Manure Weighted	541 34286	239 20641	72 2120*	230 11526	102 9485*	76 6394*	61 4762*	77 3923*	83 4061*	70 3541*	36 1098*	36 1022*	73 5285*	69 4863*	162 10703*	131 7303	82 4260*
Less than \$10.00 per acre	6276 18%	4659 23% BC	139 7%	1478 13%	2483 26%	1367 21%	810 17%	545 14%	589 14%	344 10%	82 7%	57 6%	1189 23% P	1270 26% P	1998 19% P	1185 16%	276 6%
Between \$10.00 and \$20.00 per acre	8001 23%	4899 24%	418 20%	2684 23%	2030 21%	1394 22%	1476 31%	753 19%	929 23%	1001 28%	205 19%	213 21%	804 15%	1031 21%	2117 20%	2372 32% LN	1046 25%
Greater than \$20.00 per acre	14265 42%	8326 40%	1056 50%	4883 42%	3779 40%	2480 39%	2068 43%	1324 34%	1796 44%	1763 50%	533 49%	523 51%	1618 31%	1836 38%	4739 44%	2944 40%	2558 60% LMNO
(DK/NS)	5744 17%	2756 13%	508 24% A	2481 22% A	1194 13%	1154 18%	408 9%	1301 33% I	746 18%	433 12%	279 25%	229 22%	1675 32% OP	726 15%	1849 17%	802 11%	381 9%

SECTION E: MANURE MANAGEMENT

q40. Factoring in all costs and dollar benefits but not including any government incentives you might receive, do you believe that having a manure management plan results in an economic net gain, a net loss, or no change on your farm?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Apply manure according to formal plan	239	69	24	146	31	18	20	52	49	45	8	16	20	31	67	71	46
Weighted	12782	5583*	695**	6504*	3063**	1248**	1271**	2561**	2011*	1931*	246**	450**	1864**	1923**	3090*	3093*	2418*
Net gain	8945 70%	4587 82% C	507 73%	3851 59%	2580 84%	1104 88%	902 71%	1727 67%	1019 51%	1105 57%	180 73%	327 73%	1270 68%	1542 80%	2494 81% O	1778 57%	1596 66%
Net loss	174 1%	95 2%	0 -	79 1%	44 1%	0 -	51 4%	0 -	53 3%	26 1%	0 -	0 -	0 -	70 4%	26 1%	78 3%	0 -
No change	3488 27%	779 14%	188 27%	2521 39% A	439 14%	68 5%	272 21%	834 33%	887 44%	800 41%	66 27%	123 27%	594 32%	311 16%	570 18%	1237 40% N	776 32%
(DK/NS)	174 1%	122 2%	0 -	52 1%	0 -	76 6%	46 4%	0 -	52 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	46 2%

SECTION E: MANURE MANAGEMENT

q41. Have you received any financial incentive from the government to assist you with manure management planning?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Apply manure according to formal plan	239	69	24	146	31	18	20	52	49	45	8	16	20	31	67	71	46
Weighted	12782	5583*	695**	6504*	3063**	1248**	1271**	2561**	2011*	1931*	246**	450**	1864**	1923**	3090*	3093*	2418*
Yes	690 5%	42 1%	147 21%	501 8%	0 -	0 -	42 3%	147 6%	263 13%	91 5%	33 13%	114 25%	33 2%	0 -	250 8%	225 7%	182 8%
No	12035 94%	5540 99%	548 79%	5947 91%	3063 100%	1248 100%	1229 97%	2414 94%	1748 87%	1784 92%	213 87%	335 75%	1831 98%	1923 100%	2840 92%	2868 93%	2180 90%
(DK/NS)	56 0	0 -	0 -	56 1%	0 -	0 -	0 -	0 -	0 -	56 3%	0 -	0 -	0 -	0 -	0 -	0 -	56 2%

SECTION E: MANURE MANAGEMENT

q42. How important do you feel it is for the government to provide financial incentives or grants for manure management planning?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Apply manure according to formal plan	239	69	24	146	31	18	20	52	49	45	8	16	20	31	67	71	46
Weighted	12782	5583*	695**	6504*	3063**	1248**	1271**	2561**	2011*	1931*	246**	450**	1864**	1923**	3090*	3093*	2418*
Very important	5393 42%	1621 29%	499 72%	3272 50% A	1007 33%	312 25%	302 24%	1154 45%	1043 52%	1075 56%	188 77%	311 69%	692 37%	485 25%	1568 51%	1555 50%	1093 45%
Somewhat important	3881 30%	1539 28%	90 13%	2252 35%	441 14%	320 26%	778 61%	1101 43%	609 30%	541 28%	33 13%	57 13%	774 42%	848 44%	711 23%	799 26%	665 27%
Not very important	2128 17%	1573 28%	106 15%	449 7%	1184 39%	255 20%	134 11%	201 8%	169 8%	79 4%	24 10%	82 18%	326 17%	505 26%	451 15%	405 13%	442 18%
Not at all important	1023 8%	592 11%	0 -	431 7%	249 8%	285 23%	57 5%	106 4%	189 9%	136 7%	0 -	0 -	0 -	85 4%	334 11%	334 11%	218 9%
(DK/NS)	357 3%	257 5%	0 -	100 2%	181 6%	76 6%	0 -	0 -	0 -	100 5%	0 -	0 -	73 4%	0 -	27 1%	0 -	0 -
Summary																	
Top2box (Important)	9274 73%	3160 57%	589 85%	5524 85% A	1449 47%	632 51%	1080 85%	2255 88%	1653 82%	1616 84%	221 90%	368 82%	1466 79%	1333 69%	2279 74%	2354 76%	1758 73%
Low2box (Not Important)	3151 25%	2165 39% C	106 15%	879 14%	1434 47%	541 43%	191 15%	307 12%	358 18%	215 11%	24 10%	82 18%	326 17%	590 31%	784 25%	739 24%	660 27%

SECTION E: MANURE MANAGEMENT

q43. How much per acre do you currently receive in government incentives for using a manure management plan?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive	18	1	5	12	0	0	1	4	5	3	1	4	1	0	7	6	4
Weighted	690*	42**	147**	501**	-.**	-.**	42**	147**	263**	91**	33**	114**	33**	-.**	250**	225**	182**
< 2	42 6%	42 100%	0 -	0 -	0 -	0 -	42 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 23%
2 - 5	144 21%	0 -	33 22%	111 22%	0 -	0 -	0 -	0 -	111 42%	0 -	0 -	33 29%	0 -	0 -	31 13%	113 50%	0 -
6 - 10	26 4%	0 -	0 -	26 5%	0 -	0 -	0 -	26 18%	0 -	0 -	0 -	0 -	0 -	0 -	26 11%	0 -	0 -
11+	102 15%	0 -	0 -	102 20%	0 -	0 -	0 -	37 25%	0 -	65 71%	0 -	0 -	0 -	0 -	37 15%	37 17%	27 15%
(DK/NS)	376 54%	0 -	114 78%	261 52%	0 -	0 -	0 -	84 57%	151 58%	26 29%	33 100%	82 71%	33 100%	0 -	155 62%	75 33%	113 62%
Summary																	
Minimum (excl.0)	1	1	3	2	0	0	1	10	2	15	0	3	0	0	2	2	1
Maximum	100	1	3	100	0	0	1	30	2	100	0	3	0	0	30	15	100
Mean	16.0	0.8	3.0	20.4	0	0	0.8	21.7	2.0	50.9	0	3.0	0	0	15.2	5.5	39.7
Standard Deviation	27.5	0	0.0	30.2	0	0	0	9.9	0.0	42.3	0	0.0	0	0	12.4	5.5	48.8
Standard Error	9.7	0	0.0	12.3	0	0	0	7.0	0.0	29.9	0	0.0	0	0	7.1	3.2	34.5
Median	2.1	0.8	3.0	4.6	0	0	0.8	13.0	2.0	15.0	0	3.0	0	0	6.9	2.0	0.8

SECTION E: MANURE MANAGEMENT

q44a. Do you feel that the financial incentive that you received from the government is adequate?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive	18	1	5	12	0	0	1	4	5	3	1	4	1	0	7	6	4
Weighted	690*	42**	147**	501**	-.**	-.**	42**	147**	263**	91**	33**	114**	33**	-.**	250**	225**	182**
Yes	207 30%	0 -	57 39%	150 30%	0 -	0 -	0 -	94 64%	56 21%	0 -	0 -	57 50%	0 -	0 -	94 37%	57 25%	56 31%
No	483 70%	42 100%	90 61%	351 70%	0 -	0 -	42 100%	53 36%	206 79%	91 100%	33 100%	57 50%	33 100%	0 -	157 63%	168 75%	126 69%

SECTION E: MANURE MANAGEMENT

q44b. What percentage of the cost of manure management planning do you think should be covered by the government?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Important for gov't to provide financial incentives	183	43	20	120	18	9	16	44	40	36	7	13	17	26	51	55	33
Weighted	9274	3160*	589**	5524*	1449**	632**	1080**	2255**	1653*	1616*	221**	368**	1466**	1333**	2279*	2354*	1758**
NONE	321 3%	112 4%	0 -	209 4%	0 -	68 11%	44 4%	0 -	136 8%	73 5%	0 -	0 -	0 -	0 -	0 -	153 7%	168 10%
1% to 25%	1173 13%	669 21%	24 4%	479 9%	363 25%	44 7%	262 24%	245 11%	152 9%	83 5%	0 -	24 7%	0 -	293 22%	337 15%	351 15%	108 6%
26% to 50%	4836 52%	1685 53%	376 64%	2775 50%	767 53%	379 60%	540 50%	1016 45%	741 45%	1018 63%	123 56%	253 69%	523 36%	722 54%	1390 61%	1243 53%	959 55%
51% to 99%	1138 12%	204 6%	33 6%	902 16%	69 5%	0 -	135 13%	329 15%	395 24%	178 11%	33 15%	0 -	228 16%	53 4%	341 15%	355 15%	162 9%
100%	1069 12%	199 6%	123 21%	748 14%	99 7%	0 -	99 9%	367 16%	173 10%	208 13%	33 15%	90 24%	302 21%	115 9%	129 6%	219 9%	304 17%
(DK/NS)	735 8%	292 9%	33 6%	411 7%	150 10%	141 22%	0 -	298 13%	56 3%	56 3%	33 15%	0 -	413 28%	150 11%	83 4%	33 1%	56 3%
Summary																	
Minimum (excl.0)	5	5	10	10	5	20	20	10	20	20	50	10	30	10	10	5	20
Maximum	100	100	100	100	100	50	100	100	100	100	100	100	100	100	100	100	100
Mean (incl.0)	51	45	59	54	45	36	49	55	54	53	63	57	64	47	51	47	54
Mean (excl.0)	53	47	59	56	45	42	52	55	59	55	63	57	64	47	51	50	59
Standard Deviation	24	22	25	24	24	11	23	28	22	21	19	27	28	22	19	25	23
Standard Error	2	4	6	2	6	4	6	4	4	4	8	7	7	5	3	3	4

SECTION F: BUFFER STRIPS

q46. I would now like to ask you a few questions about buffer strips. For how many years have you had buffer strips on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
5 or less	5589 25%	2086 20%	572 32%	2932 28%	764 19%	575 16%	746 27%	1114 43%	795 20%	1022 25%	172 25%	400 37%	826 30%	662 21%	1570 24%	1296 24%	1171 30%
6 to 10	4638 20%	2235 22%	360 20%	2043 19%	1069 27%	1009 28%	158 6%	248 10%	912 23%	883 22%	57 8%	303 28%	491 18%	600 19%	1371 21%	1456 27%	503 13%
11 to 20	5149 23%	2317 23%	279 16%	2554 24%	746 19%	1152 32%	419 15%	406 16%	1308 33%	839 21%	131 19%	147 14%	843 30%	554 18%	1494 23%	960 18%	1114 28%
21+	6759 30%	3298 32%	532 30%	2928 28%	1314 33%	659 18%	1325 49%	779 30%	921 23%	1228 30%	303 44%	229 21%	604 22%	1296 41%	1978 30%	1567 29%	1032 26%
(DK/NS)	496 2%	345 3%	24 1%	126 1%	44 1%	234 6%	68 3%	26 1%	26 1%	73 2%	24 4%	0 -	0 -	24 1%	210 3%	44 1%	141 4%
Summary																	
Minimum (excl.0)	1	1	1	1	2	3	1	2	1	1	1	3	2	2	1	1	1
Maximum	60	60	60	60	55	60	60	44	60	60	50	60	55	50	60	60	60
Mean	17.9	19.2	17.2	16.8	16.9	16.7	25.7	14.8	17.4	17.5	20.8	15.0	15.2	19.6	17.8	17.6	18.3
Standard Deviation	14.1	14.9	14.4	13.2	11.6	12.3	19.5	12.1	13.0	13.9	13.7	14.4	11.0	13.4	14.1	14.8	15.0
Standard Error	0.7	1.4	1.9	0.9	1.7	1.9	3.3	1.7	1.5	1.5	2.9	2.3	1.7	2.0	1.3	1.5	1.7
Median	14.3	14.6	9.6	13.2	14.2	12.9	20.0	9.2	14.0	11.4	17.8	8.7	11.8	16.6	14.1	9.8	14.7

SECTION F: BUFFER STRIPS

q47. Which of the following crops or vegetation make up your buffer strip? Would it be ...?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Tame Hay	12123 54%	5721 56%	891 50%	5511 52%	2358 60%	1961 54%	1403 52%	1180 46%	2624 66%	1706 42%	295 43%	596 55%	1460 53%	2266 72% OP	3603 54%	2361 44%	2017 51%
Native grass	11883 53%	5069 49%	687 39%	6127 58% B	2096 53%	1601 44%	1372 51%	1325 52%	2335 59%	2467 61%	262 38%	425 39%	1436 52%	1477 47%	3555 54%	3118 59%	1883 48%
Trees	11035 49%	5624 55%	1023 58% C	4389 41%	2419 61%	1331 37%	1875 69%	1092 42%	1563 39%	1734 43%	417 61%	605 56%	1214 44%	2119 68% NP	2860 43%	2678 50%	1699 43%
Other	1046 5%	740 7%	24 1%	282 3%	19 0	675 19%	46 2%	156 6%	73 2%	53 1%	0 -	24 2%	19 1%	0 -	702 11%	219 4%	107 3%
(DK/NS)	252 1%	226 2%	0 -	26 0	0 -	158 4%	68 3%	26 1%	0 -	0 -	0 -	0 -	0 -	0 -	184 3%	0 -	68 2%

SECTION F: BUFFER STRIPS

q48a. What would be your estimate as to the total area that is covered by buffer strips on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
ACRES (RANGE = 0 TO 99999)	21880	9922	1710	10249	3879	3395	2648	2465	3840	3944	663	1046	2738	3112	6401	5082	3800
	97%	97%	97%	97%	99%	94%	97%	96%	97%	97%	96%	97%	99%	99%	97%	95%	96%
SQUARE METERS (RANGE = 0 TO 99999)	79	0	0	79	0	0	0	25	27	26	0	0	25	0	0	53	0
	0	-	-	1%	-	-	-	1%	1%	1%	-	-	1%	-	-	1%	-
(DK/NS)	671 3%	359 3%	57 3%	255 2%	57 1%	234 6%	68 3%	83 3%	96 2%	76 2%	24 4%	33 3%	0 -	24 1%	222 3%	187 4%	162 4%

SECTION F: BUFFER STRIPS

q48a1. What would be your estimate as to the total area that is covered by buffer strips on your farm? [ACRES]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Answered in Acres	387	121	59	207	46	40	35	50	77	80	22	37	43	46	110	96	80
Weighted	21880	9922*	1710*	10249	3879*	3395**	2648**	2465**	3840*	3944*	663**	1046*	2738**	3112*	6401*	5082*	3800*
1 to 5	5587 26%	424 4%	408 24%	4754 46% AB	345 9%	79 2%	0 -	1462 59%	2170 57%	1123 28%	229 35%	179 17%	593 22%	605 19%	1879 29%	1596 31%	858 23%
5.1 to 10	5327 24%	1728 17%	540 32% A	3058 30% A	449 12%	929 27%	351 13%	768 31%	906 24%	1385 35%	254 38%	286 27%	895 33%	573 18%	1689 26%	1045 21%	948 25%
10.1 to 20	4510 21%	2850 29%	343 20%	1317 13%	1434 37%	770 23%	645 24%	105 4%	443 12%	770 20%	123 19%	221 21%	334 12%	1028 33%	1325 21%	876 17%	860 23%
20.1 to 30	1654 8%	970 10%	205 12% C	480 5%	354 9%	204 6%	411 16%	0 -	100 3%	379 10%	0 -	205 20%	278 10%	300 10%	87 1%	571 11% N	371 10% N
30.1 to 50	2164 10%	1907 19%	123 7% C	135 1%	553 14%	791 23%	563 21%	78 3%	0 -	56 1%	0 -	123 12%	115 4%	307 10%	674 11%	395 8%	605 16%
50.1 to 70	499 2%	323 3%	24 1%	151 1%	242 6%	81 2%	0 -	26 1%	83 2%	43 1%	24 4%	0 -	81 3%	81 3%	51 1%	0 -	43 1%
70.1 to 100	743 3%	611 6% C	33 2%	99 1%	155 4%	241 7%	215 8%	0 -	26 1%	73 2%	0 -	33 3%	73 3%	66 2%	273 4%	312 6%	19 0
100.1+	1108 5%	1019 10% C	33 2%	56 1%	257 7%	300 9%	462 17%	0 -	56 1%	0 -	33 5%	0 -	206 8%	51 2%	396 6%	288 6%	97 3%
(DK/NS)	289 1%	90 1%	0 -	198 2%	90 2%	0 -	0 -	26 1%	56 1%	116 3%	0 -	0 -	163 6%	99 3%	26 0	0 -	0 -
Summary																	
Minimum (excl.0)	1	2	1	1	2	5	10	1	1	1	2	1	1	1	1	1	1
Maximum	1000	1000 C	300 C	120	950	280	1000	70	120	100	300	100	150	950 OP	1000	400	300
Mean	32.7	56.5 C	22.7 C	11.1	49.1	41.0	87.2	7.6	10.9	13.7	25.6	20.8	27.1	36.6	33.3	32.9	23.2
Standard Deviation	81.1	113.2	42.6	15.7	117.2	45.3	154.8	10.3	18.0	15.7	63.9	19.3	39.3	121.9	91.8	61.5	33.1
Standard Error	4.1	10.3	5.5	1.1	17.5	7.2	26.2	1.5	2.1	1.8	13.6	3.2	6.1	18.4	8.8	6.3	3.7
Median	10.0	19.8	9.6	5.9	18.1	19.4	27.9	4.5	4.7	9.3	7.3	13.5	8.7	14.3	9.4	9.8	11.0

SECTION F: BUFFER STRIPS

q48acre. Percentage of acres being treated using Buffer Strips.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Answered in Acres	387	121	59	207	46	40	35	50	77	80	22	37	43	46	110	96	80
Weighted	21880	9922*	1710*	10249	3879*	3395**	2648**	2465**	3840*	3944*	663**	1046*	2738**	3112*	6401*	5082*	3800*
NONE	3504 16%	1697 17%	122 7%	1685 16%	435 11%	460 14%	801 30%	26 1%	365 10%	1293 33%	0 -	122 12%	360 13%	194 6%	1018 16%	646 13%	1244 33%
1% to 25%	17687 81%	7855 79%	1498 88%	8334 81%	3187 82%	2935 86%	1733 65%	2335 95%	3392 88%	2608 66%	606 91%	892 85%	2217 81%	2824 91%	5255 82%	4251 84%	2529 67%
26% to 50%	449 2%	231 2%	57 3%	161 2%	161 4%	0 -	70 3%	78 3%	83 2%	0 -	24 4%	33 3%	161 6%	0 -	51 1%	141 3%	26 1%
51% to 99%	71 0	45 0	0 -	26 0	1 0	0 -	44 2%	26 1%	0 -	0 -	0 -	0 -	0 -	0 -	44 1%	0 -	1 0
100%	44 0	44 0	0 -	0 -	44 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	44 1%	0 -
(DK/NS)	127 1%	51 1%	33 2%	43 0	51 1%	0 -	0 -	0 -	0 -	43 1%	33 5%	0 -	0 -	94 3%	33 1%	0 -	0 -
Summary																	
Minimum (excl.0)	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
Maximum	100	100	50	82	100	25	62	82	50	22	46	50	28	25	62	100	92
Mean (incl.0)	5	5	7 C	4	8	4	4	6	4 I	2	10	6	8	4	4	5	2
Mean (excl.0)	6	7	8 C	5	9	5	6	6	5	3	10	7	9	5	5	6	4
Standard Deviation	9	10	9	8	13	5	11	10	8	4	9	9	8	4	8	12	5
Standard Error	1	1	1	1	2	1	2	1	1	1	2	2	1	1	1	1	1

SECTION F: BUFFER STRIPS

q48a3. What would be your estimate as to the total area that is covered by buffer strips on your farm? [SQUARE METERS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Answered in Square Meters	3	0	0	3	0	0	0	1	1	1	0	0	1	0	0	2	0
Weighted	79*	-.**	-.**	79**	-.**	-.**	-.**	25**	27**	26**	-.**	-.**	25**	-.**	-.**	53**	-.**
1 to 10	26 33%	0 -	0 -	26 33%	0 -	0 -	0 -	0 -	0 -	26 100%	0 -	0 -	0 -	0 -	0 -	26 49%	0 -
100.1 to 200	25 32%	0 -	0 -	25 32%	0 -	0 -	0 -	25 100%	0 -	0 -	0 -	0 -	25 100%	0 -	0 -	0 -	0 -
500.1+	27 35%	0 -	0 -	27 35%	0 -	0 -	0 -	0 -	27 100%	0 -	0 -	0 -	0 -	0 -	0 -	27 51%	0 -
Summary																	
Mean	391.9	0	0	391.9	0	0	0	140.0	1000.0	3.0	0	0	140.0	0	0	510.3	0
Standard Deviation	448.8	0	0	448.8	0	0	0	0	0.2	0.0	0	0	0	0	0	503.1	0
Standard Error	259.1	0	0	259.1	0	0	0	0	0.2	0.0	0	0	0	0	0	355.8	0
Median	74.1	0	0	74.1	0	0	0	140.0	1000.0	3.0	0	0	140.0	0	0	20.2	0

SECTION F: BUFFER STRIPS

q48b. Do you plan to increase/decrease or keep about the same amount of land in buffer strips over the next one to 3 years?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Increase	3144 14%	1568 15%	147 8%	1429 14%	520 13%	654 18%	394 14%	384 15%	299 8%	746 18%	90 13%	57 5%	313 11%	150 5%	1369 21%	822 15%	377 10%
Decrease	754 3%	694 7%	33 2%	27 0	154 4%	496 14%	44 2%	0 -	0 -	27 1%	0 -	33 3%	0 -	154 5%	472 7%	33 1%	95 2%
Remain the same	18415 81%	7702 75%	1587 90%	9127 86%	3262 83%	2321 64%	2119 78%	2190 85%	3664 92%	3273 81%	598 87%	989 92%	2450 89%	2832 90%	4624 70%	4376 82%	3421 86%
(DK/NS)	317 1%	317 3%	0 -	0 -	0 -	158 4%	160 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	158 2%	92 2%	68 2%

SECTION F: BUFFER STRIPS

q48c. What types of water bodies do your buffer strips protect? Would it be...?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
A stream	9493 42%	2705 26%	1251 71% AC	5537 52% A	960 24%	954 26%	791 29%	1434 56%	1943 49%	2160 53%	376 55%	875 81%	1171 42%	1206 38%	2252 34%	2714 51% N	1857 47%
A marsh	6190 27%	4157 40% C	498 28% C	1534 14%	1737 44%	1112 31%	1308 48%	357 14%	551 14%	626 15%	196 29%	302 28%	268 10%	1341 43%	1802 27%	1374 26%	1025 26%
An irrigation ditch or manmade channel	5216 23%	1967 19%	131 7%	3117 29% B	589 15%	1015 28%	364 13%	815 32%	1295 33%	1007 25%	66 10%	66 6%	632 23%	628 20%	2086 31%	935 18%	709 18%
Storm ditch or overflow channel	5112 23%	1331 13%	270 15%	3511 33% AB	406 10%	530 15%	395 15%	748 29%	1442 36%	1321 33%	66 10%	205 19%	820 30%	446 14%	1207 18%	1120 21%	1244 31%
A river	3767 17%	1184 12%	458 26% A	2124 20%	323 8%	329 9%	532 20%	600 23%	911 23%	613 15%	66 10%	392 36%	523 19%	191 6%	799 12%	1317 25% MN	697 18%
A lake	1634 7%	1216 12% C	98 6%	320 3%	416 11%	416 11%	384 14%	26 1%	137 3%	157 4%	66 10%	33 3%	287 10%	78 2%	700 11%	230 4%	263 7%
Seashore	254 1%	0 -	229 13% AC	25 0	0 -	0 -	0 -	0 -	25 1%	0 -	24 4%	205 19%	57 2%	0 -	0 -	82 2%	115 3%
(DK/NS)	1756 8%	1381 13% C	90 5%	286 3%	713 18%	600 17%	68 3%	26 1%	186 5%	73 2%	57 8%	33 3%	492 18%	338 11%	474 7%	253 5%	200 5%

SECTION F: BUFFER STRIPS

q48d. What is the main reason why you established a buffer strip and continue to have this on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips Weighted	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Concerns about soil quality/erosion	11761	4433	744	6583	1703	1642	1089	1413	2591	2580	172	572	1226	1815	3528	2634	1976
	52%	43%	42%	62% AB	43%	45%	40%	55%	65%	64%	25%	53%	44%	58%	53%	49%	50%
Concerns about water quality	3078	1405	401	1272	760	365	280	130	541	600	221	180	411	432	706	793	736
	14%	14%	23% C	12%	19%	10%	10%	5%	14%	15%	32%	17%	15%	14%	11%	15%	19%
Concerns about the environment	1415	466	123	827	81	241	143	406	296	125	33	90	375	81	363	337	183
	6%	5%	7%	8%	2%	7%	5%	16% I	7%	3%	5%	8%	14%	3%	5%	6%	5%
Concerns about wildlife	950	730	90	130	68	303	358	0	0	130	66	24	0	0	146	577	158
	4%	7% C	5%	1%	2%	8%	13%	-	-	3%	10%	2%	-	-	2%	11% MN	4%
Unusable farm land (incl. marsh, swamp area)	818	565	180	73	287	68	210	0	0	73	114	66	239	138	246	74	79
	4%	5% C	10% C	1%	7%	2%	8%	-	-	2%	17%	6%	9%	4%	4%	1%	2%
Required by law	661	245	122	294	19	181	46	189	52	53	24	98	0	24	278	222	136
	3%	2%	7%	3%	0	5%	2%	7%	1%	1%	4%	9%	-	1%	4%	4%	3%
To separate neighbor's crop from mine (incl. spray drift from neighbor)	601	573	0	27	483	90	0	0	0	27	0	0	0	280	177	116	27
	3%	6% C	-	0	12%	2%	-	-	-	1%	-	-	-	9%	3%	2%	1%
Buffer strip was always there	465	332	24	108	46	0	286	52	56	0	24	0	0	71	100	243	51
	2%	3%	1%	1%	1%	-	11%	2%	1%	-	4%	-	-	2%	2%	5%	1%
Concerns about flooding	261	0	33	228	0	0	0	25	56	147	33	0	98	89	0	73	0
	1%	-	2% A	2%	-	-	-	1%	1%	4%	5%	-	4%	3%	-	1%	-
Maintain irrigation system	251	139	0	113	71	68	0	56	56	0	0	0	0	70	56	0	69
	1%	1%	-	1%	2%	2%	-	2%	1%	-	-	-	-	2%	1%	-	2%
Have an organic crop	246	246	0	0	84	162	0	0	0	0	0	0	81	84	81	0	0
	1%	2%	-	-	2%	4%	-	-	-	-	-	-	3%	3%	1%	-	-
Felt it was the right thing to do	137	0	24	113	0	0	0	0	56	56	0	24	0	0	0	81	56
	1%	-	1%	1%	-	-	-	-	1%	1%	-	2%	-	-	-	2%	1%
Government incentive	78	0	24	53	0	0	0	0	27	26	0	24	0	0	0	78	0
	0	-	1%	1%	-	-	-	-	1%	1%	-	2%	-	-	-	1%	-
I practice crop rotation	51	51	0	0	51	0	0	0	0	0	0	0	0	51	0	0	0
	0	0	-	-	1%	-	-	-	-	-	-	-	-	2%	-	-	-

SECTION F: BUFFER STRIPS

q48d. What is the main reason why you established a buffer strip and continue to have this on your farm?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Other	1586 7%	824 8%	0 -	762 7% B	283 7%	306 8%	235 9%	303 12%	230 6%	229 6%	0 -	0 -	288 10%	0 -	784 12% MO	93 2%	422 11% MO
No reason	45 0	45 0	0 -	0 -	0 -	45 1%	0 -	0 -	0 -	0 -	0 -	0 -	45 2%	0 -	0 -	0 -	0 -
(DK/NS)	226 1%	226 2%	0 -	0 -	0 -	158 4%	68 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	158 2%	0 -	68 2%

SECTION F: BUFFER STRIPS

q49. What do you feel it costs per acre to establish a buffer strip?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips Weighted	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Less than \$100 per acre	9890	5678	376	3836	1754	2122	1802	634	1598	1604	188	188	784	1568	3322	2107	1893
	44%	55% BC	21%	36% B	45%	58%	66%	25%	40%	40%	27%	17%	28%	50%	50%	40%	48%
Between \$100 and \$199 per acre	3152	919	351	1882	46	466	407	321	894	666	90	261	205	191	940	1185	631
	14%	9%	20% A	18%	1%	13%	15%	12%	23%	16%	13%	24%	7%	6%	14%	22% M	16%
Between \$200 and \$249 per acre	1078	70	180	828	70	0	0	51	435	342	123	57	123	176	59	508	212
	5%	1%	10% A	8% A	2%	-	-	2%	11%	8%	18%	5%	4%	6%	1%	10% N	5%
Between \$250 and \$299 per acre	70	70	0	0	70	0	0	0	0	0	0	0	0	70	0	0	0
	0	1%	-	-	2%	-	-	-	-	-	-	-	-	2%	-	-	-
Between \$300 and \$350 per acre	310	0	33	277	0	0	0	104	0	173	0	33	31	73	100	33	73
	1%	-	2% A	3%	-	-	-	4%	-	4%	-	3%	1%	2%	2%	1%	2%
Greater than \$350 per acre	574	150	139	284	81	0	70	56	98	130	24	114	73	130	73	56	171
	3%	1%	8% A	3%	2%	-	3%	2%	2%	3%	4%	11%	3%	4%	1%	1%	4%
(DK/NS)	7556	3394	688	3475	1916	1042	436	1406	937	1131	262	426	1547	928	2128	1433	982
	33%	33%	39%	33%	49%	29%	16%	55% HI	24%	28%	38%	39%	56%	30%	32%	27%	25%
Summary																	
Minimum (excl.0)	0	0	1	0	0	2	1	0	0	1	1	2	1	0	0	1	0
Maximum	500	500	500 AC	500	500	150	500	500	500	500	500	500	500	500	500	500	500
Mean	81.1	51.5	151.8 AC	99.1 A	58.7	47.2	50.0	101.2	90.2	107.5	120.6	172.1	93.2	88.9	57.9	85.3	94.2
Standard Deviation	105.6	79.8	152.2	109.7	105.4	34.4	89.4	122.7	98.0	114.8	121.9	166.0	124.4	128.8	79.0	81.4	119.3
Standard Error	6.4	8.4	24.7	9.1	21.1	5.9	16.1	23.2	12.8	15.1	32.6	33.9	25.4	22.1	8.9	9.5	15.7
Median	45.6	25.0	80.3 AC	60.3	20.4	32.7	14.9	71.6	49.9	52.9	71.3	82.7	31.5	28.5	27.2	59.7	47.2

SECTION F: BUFFER STRIPS

q50. I'd like to read you several cost ranges and would like you to indicate which one you think best fits the cost to you per acre to establish a buffer strip.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Do not know cost to establish buffer strip	114	33	21	60	20	8	5	22	17	21	8	13	17	11	32	29	17
Weighted	6333*	2723**	630**	2980*	1674**	613**	436**	1249**	706**	1025**	237**	393**	1253**	829**	1636**	1381**	697**
Less than \$200 per acre	3910	1640	401	1869	1127	380	133	818	440	611	172	230	843	579	1096	808	396
	62%	60%	64%	63%	67%	62%	31%	65%	62%	60%	72%	58%	67%	70%	67%	58%	57%
Between \$200 and \$249 per acre	720	342	90	289	342	0	0	56	0	233	0	90	294	0	89	64	56
	11%	13%	14%	10%	20%	-	-	5%	-	23%	-	23%	23%	-	5%	5%	8%
Greater than \$250 per acre	996	249	106	640	206	0	44	349	110	182	33	73	83	250	168	318	176
	16%	9%	17%	21%	12%	-	10%	28%	16%	18%	14%	19%	7%	30%	10%	23%	25%
(DK/NS)	708	493	33	182	0	234	259	26	156	0	33	0	33	0	283	191	68
	11%	18%	5%	6%	-	38%	59%	2%	22%	-	14%	-	3%	-	17%	14%	10%

SECTION F: BUFFER STRIPS

q49/50. What do you feel it costs per acre to establish a buffer strip? [SUMMARY TABLE]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips Weighted	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Less than \$200 per acre	16952	8237	1129	7587	2926	2967	2343	1773	2932	2882	450	679	1832	2337	5358	4100	2919
	75%	80% B	64%	72%	74%	82%	86%	69%	74%	71%	65%	63%	66%	75%	81%	77%	74%
Between \$200 and \$249 per acre	1798	411	270	1117	411	0	0	108	435	574	123	147	417	176	148	572	269
	8%	4%	15% A	11%	10%	-	-	4%	11%	14%	18%	14%	15%	6%	2%	11% N	7%
Between \$250 and \$299 per acre	792	274	49	468	231	0	44	229	110	130	0	49	83	287	143	198	81
	3%	3%	3%	4%	6%	-	2%	9%	3%	3%	-	5%	3%	9%	2%	4%	2%
Between \$300 and \$350 per acre	362	0	33	329	0	0	0	156	0	173	0	33	31	73	100	85	73
	2%	-	2% A	3%	-	-	-	6%	-	4%	-	3%	1%	2%	2%	2%	2%
Greater than \$350 per acre	795	195	196	404	125	0	70	124	98	182	57	139	73	163	98	124	266
	4%	2%	11% AC	4%	3%	-	3%	5%	2%	4%	8%	13%	3%	5%	1%	2%	7%
(DK/NS)	1930	1164	90	677	242	662	259	184	387	106	57	33	327	100	775	243	353
	9%	11%	5%	6%	6%	18%	10%	7%	10%	3%	8%	3%	12%	3%	12%	5%	9%

SECTION F: BUFFER STRIPS

q51. Please tell me which of the following best fits what you typically do with the crop or vegetation that is in your buffer strip. Do you...?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Use it for feed	8733 39%	5586 54% BC	425 24%	2722 26%	1894 48%	2365 65%	1326 49%	598 23%	1349 34%	775 19%	82 12%	343 32%	858 31%	1764 56% OP	3129 47% OP	1655 31%	871 22%
Use it for grazing livestock	5421 24%	3981 39% BC	360 20%	1080 10%	1522 39%	1218 34%	1241 46%	234 9%	617 16%	229 6%	188 27%	172 16%	545 20%	1072 34% P	1614 24%	1438 27%	606 15%
Leave it standing as is	9642 43%	3364 33%	966 55%	5312 50%	1657 42%	723 20%	984 36%	1403 55%	1933 49%	1976 49%	327 48%	638 59%	1412 51%	1017 32%	2637 40%	2483 47%	1633 41%
Cut it for weed control and general field maintenance	8633 38%	2007 20%	702 40% A	5924 56% AB	687 17%	517 14%	804 30%	1591 62%	2386 60%	1947 48%	269 39%	433 40%	1198 43%	1441 46%	2372 36%	1819 34%	1565 40%
(DK/NS)	382 2%	356 3%	0 -	26 0	84 2%	158 4%	114 4%	26 1%	0 -	0 -	0 -	0 -	0 -	84 3%	184 3%	46 1%	68 2%

SECTION F: BUFFER STRIPS

q52. What is the typical crop rotation on the land adjacent to your buffer strip? I would like to read you several typical crop rotations for your region and would like you to tell me which one has the best fit.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Corn, soybeans, wheat,	4584	0	0	4584	0	0	0	495	1558	2531	0	0	354	381	1526	1245	910
	20%	-	-	43% AB	-	-	-	19%	39% G	63% GH	-	-	13%	12%	23%	23%	23%
Corn, a cereal crop, a forage crop	2809	0	0	2809	0	0	0	947	1254	608	0	0	391	100	650	967	619
	12%	-	-	27% AB	-	-	-	37% I	32% I	15%	-	-	14%	3%	10%	18% M	16%
Several years of continuous forages, followed by a cereal crop or canola	2396	2396	0	0	1257	556	583	0	0	0	0	0	115	327	828	622	370
	11%	23% BC	-	-	32%	15%	21%	-	-	-	-	-	4%	10%	13%	12%	9%
Summerfallow, followed by a cereal crop, a pulse crop, then a cereal crop	1841	1841	0	0	696	900	244	0	0	0	0	0	513	264	1020	44	0
	8%	18% BC	-	-	18%	25%	9%	-	-	-	-	-	19%	8% P	15% OP	1%	-
A two or three year rotation with a cereal crop followed by a pulse crop	1612	1612	0	0	383	740	489	0	0	0	0	0	81	328	608	381	214
	7%	16% BC	-	-	10%	20%	18%	-	-	-	-	-	3%	10%	9%	7%	5%
Two or three years of cereals, followed by canola	1585	1585	0	0	406	342	837	0	0	0	0	0	88	333	483	361	251
	7%	15% BC	-	-	10%	9%	31%	-	-	-	-	-	3%	11%	7%	7%	6%
Continuous forages	1581	0	417	1163	0	0	0	494	540	129	237	180	376	229	324	422	229
	7%	-	24% AC	11% A	-	-	-	19% I	14% I	3%	35%	17%	14%	7%	5%	8%	6%
Continuous corn	207	0	0	207	0	0	0	81	0	126	0	0	0	70	53	0	84
	1%	-	-	2%	-	-	-	3%	-	3%	-	-	-	2%	1%	-	2%
Potatoes, barley, potatoes	205	0	205	0	0	0	0	0	0	0	66	139	24	33	123	24	0
	1%	-	12% AC	-	-	-	-	-	-	-	10%	13%	1%	1%	2%	0	-
Potatoes, a cereal crop, corn	57	0	57	0	0	0	0	0	0	0	0	57	0	0	0	0	57
	0	-	3% AC	-	-	-	-	-	-	-	-	5%	-	-	-	-	1%
None of the above	5529	2621	1088	1819	1194	933	495	557	611	652	385	703	820	1072	850	1257	1159
	24%	25%	62% AC	17%	30%	26%	18%	22%	15%	16%	56%	65%	30%	34% N	13%	24%	29% N
(DK/NS)	226	226	0	0	0	158	68	0	0	0	0	0	0	0	158	0	68
	1%	2%	-	-	-	4%	3%	-	-	-	-	-	-	-	2%	-	2%

SECTION F: BUFFER STRIPS

q53. We would like to get your opinion on the impact that setting aside some of your land for buffer strips has on crop production. If you were to think of the buffer strip area as part of the adjacent field, approximately what percentage would the buffer strip area represent in potential lost production? Please give us your best estimate.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
< 1%	1634 7%	743 7%	90 5%	801 8%	203 5%	298 8%	243 9%	119 5%	415 10%	266 7%	24 4%	66 6%	312 11%	139 4%	461 7%	523 10%	76 2%
1% to 2%	7533 33%	3240 32%	425 24%	3868 37%	959 24%	1390 38%	890 33%	897 35%	1109 28%	1861 46% H	123 18%	302 28%	529 19%	703 22%	2637 40%	1425 27%	1764 45% MO
3% to 4%	2633 12%	1098 11%	131 7%	1404 13%	489 12%	312 9%	298 11%	153 6%	587 15%	664 16%	24 4%	106 10%	51 2%	345 11%	832 13%	828 16%	521 13%
5%	4897 22%	2049 20%	565 32%	2283 22%	902 23%	671 18%	475 18%	582 23%	876 22%	825 20%	254 37%	311 29%	890 32%	973 31%	1262 19%	1061 20%	711 18%
6% to 10%	2967 13%	1471 14%	286 16%	1210 11%	530 13%	453 12%	489 18%	469 18% I	548 14%	192 5%	114 17%	172 16%	615 22%	305 10%	733 11%	789 15%	456 12%
11% to 20%	967 4%	672 7%	57 3%	238 2%	563 14%	45 1%	64 2%	56 2%	113 3%	69 2%	24 4%	33 3%	239 9%	288 9%	165 2%	140 3%	89 2%
Over 20%	757 3%	358 3%	98 6%	300 3%	140 4%	122 3%	96 4%	168 7%	133 3%	0 -	98 14%	0 -	103 4%	177 6%	248 4%	176 3%	53 1%
(DK/NS)	1243 5%	649 6%	115 6%	480 5%	151 4%	338 9%	160 6%	130 5%	181 5%	168 4%	24 4%	90 8%	24 1%	205 7%	284 4%	382 7%	291 7%
Summary																	
Minimum (excl.0)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Maximum	100	90	40	100	90	50	25	100	50	17	40	20	40	90	50	100	82
Mean (incl.0)	6	6	7	5	8	5	5	8	6 I	3	9	5	7	9	5	6	5
Mean (excl.0)	6	7	7	6	9	5	6	9	6 I	3	9	5	8	9	6	6	5
Standard Deviation	10	10	7	10	13	7	6	16	8	3	10	4	7	15	8	10	8
Standard Error	1	1	1	1	2	1	1	2	1	0	2	1	1	2	1	1	1

SECTION F: BUFFER STRIPS

q54. Factoring in all costs and dollar benefits, but not including any government incentives you might receive, do you feel that buffer strips result in an economic net gain, or a net loss, or no change for your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Net gain	6119 27%	2562 25%	540 31%	3017 29%	971 25%	891 25%	699 26%	643 25%	1283 32%	1092 27%	205 30%	335 31%	504 18%	1064 34%	1789 27%	1500 28%	930 23%
Net loss	5667 25%	2288 22%	457 26%	2922 28%	778 20%	885 24%	624 23%	853 33%	862 22%	1207 30%	82 12%	376 35%	862 31%	470 15%	1441 22%	1371 26%	1362 34%
No change	10594 47%	5206 51%	770 44%	4618 44%	2187 56%	1695 47%	1324 49%	1078 42%	1793 45%	1748 43%	401 58%	369 34%	1397 51%	1602 51%	3235 49%	2451 46%	1576 40%
(DK/NS)	251 1%	226 2%	0 -	25 0	0 -	158 4%	68 3%	0 -	25 1%	0 -	0 -	0 -	0 -	0 -	158 2%	0 -	93 2%

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

q55. Have you received any financial incentive from the government to assist you with buffer strips?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips Weighted	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Yes	1600 7%	191 2%	180 10%	1229 12% A	0 -	0 -	191 7%	265 10%	476 12%	487 12%	66 10%	114 11%	204 7%	0 -	482 7%	556 10%	358 9%
No	20805 92%	9864 96%	1587 90%	9354 88%	3936 100%	3471 96%	2456 90%	2308 90%	3486 88%	3560 88%	622 90%	965 89%	2559 93%	3136 100% P	5983 90%	4767 90%	3535 89%
(DK/NS)	226 1%	226 2%	0 -	0 -	0 -	158 4%	68 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	158 2%	0 -	68 2%

SECTION F: BUFFER STRIPS

q56. How important do you feel it is for the government to provide financial incentives or grants for buffer strips?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Very important	8305 37%	2239 22%	818 46%	5249 50%	732 19%	719 20%	788 29%	1597 62%	1705 43%	1947 48%	246 36%	572 53%	1367 49%	628 20%	2093 32%	2138 40%	1786 45%
Somewhat important	7679 34%	3527 34%	671 38%	3481 33%	1061 27%	1933 53%	533 20%	524 20%	1688 43%	1269 31%	376 55%	295 27%	613 22%	1407 45%	2725 41%	2116 40%	707 18%
Not very important	2818 12%	1620 16%	98 6%	1100 10%	821 21%	334 9%	465 17%	297 12%	301 8%	502 12%	0 -	98 9%	323 12%	548 17%	625 9%	509 10%	676 17%
Not at all important	3357 15%	2457 24%	147 8%	753 7%	1237 31%	409 11%	810 30%	156 6%	269 7%	329 8%	66 10%	82 8%	460 17%	511 16%	989 15%	516 10%	674 17%
(DK/NS)	471 2%	438 4%	33 2%	0 -	85 2%	234 6%	119 4%	0 -	0 -	0 -	0 -	33 3%	0 -	42 1%	190 3%	44 1%	119 3%
Summary																	
Top2box (Important)	15984 71%	5766 56%	1488 84%	8729 82%	1793 46%	2653 73%	1321 49%	2121 82%	3393 86%	3216 79%	622 90%	866 80%	1980 72%	2035 65%	4818 73%	4254 80%	2493 63%
Low2box (Not Important)	6175 27%	4076 40%	246 14%	1853 18%	2058 52%	743 20%	1276 47%	453 18%	570 14%	831 21%	66 10%	180 17%	783 28%	1059 34%	1614 24%	1025 19%	1350 34%

SECTION F: BUFFER STRIPS

q57. How much per acre did you receive in government incentives for buffer strips?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive from government	29	1	6	22	0	0	1	6	8	8	2	4	4	0	9	9	7
Weighted	1600*	191**	180**	1229**	-**	-**	191**	265**	476**	487**	66**	114**	204**	-**	482**	556**	358**
< 5	277 17%	191 100%	33 18%	52 4%	0 -	0 -	191 100%	0 -	27 6%	25 5%	33 50%	0 -	0 -	0 -	33 7%	219 39%	25 7%
6 - 50	392 24%	0 -	90 50%	302 25%	0 -	0 -	0 -	26 10%	73 15%	202 42%	0 -	90 79%	0 -	0 -	106 22%	83 15%	204 57%
100 - 150	73 5%	0 -	0 -	73 6%	0 -	0 -	0 -	0 -	0 -	73 15%	0 -	0 -	0 -	0 -	73 15%	0 -	0 -
151+	536 34%	0 -	33 18%	504 41%	0 -	0 -	0 -	172 65%	146 31%	186 38%	33 50%	0 -	131 64%	0 -	202 42%	73 13%	130 36%
(DK/NS)	322 20%	0 -	24 14%	298 24%	0 -	0 -	0 -	68 25%	230 48%	0 -	0 -	24 21%	73 36%	0 -	68 14%	181 33%	0 -
Summary																	
Minimum (excl.0)	1	5	1	3	0	0	5	50	3	5	1	15	200	0	1	3	5
Maximum	200	5	200	200	0	0	5	200	200	200	200	30	200	0	200	200	200
Mean	101.5	5.0	53.4	129.3	0	0	5.0	180.1	133.6	106.5	100.5	19.1	200.0	0	118.5	53.0	96.5
Standard Deviation	86.9	0	76.5	79.5	0	0	0	51.0	81.2	78.3	100.3	6.7	0.0	0	85.7	74.9	79.2
Standard Error	18.5	0	34.2	19.9	0	0	0	25.5	40.6	27.7	70.9	3.9	0.0	0	32.4	33.5	29.9
Median	47.4	5.0	10.6	107.5	0	0	5.0	113.5	73.4	60.9	100.5	15.0	200.0	0	94.6	4.7	43.2

SECTION F: BUFFER STRIPS

q58a. Do you feel that the financial incentive that you received from the government is adequate?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive from government	29	1	6	22	0	0	1	6	8	8	2	4	4	0	9	9	7
Weighted	1600*	191**	180**	1229**	-**	-**	191**	265**	476**	487**	66**	114**	204**	-**	482**	556**	358**
Yes	1107 69%	191 100%	123 68%	793 65%	0 -	0 -	191 100%	150 56%	230 48%	413 85%	66 100%	57 50%	58 28%	0 -	333 69%	455 82%	261 73%
No	493 31%	0 -	57 32%	436 35%	0 -	0 -	0 -	116 44%	247 52%	73 15%	0 -	57 50%	146 72%	0 -	149 31%	101 18%	98 27%

SECTION F: BUFFER STRIPS

q58b. What percentage, if any, of your total cost to establish buffer strips should be covered by the government?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Important for gov't to provide financial incentive	302	74	52	176	25	31	18	43	67	66	21	31	34	36	84	83	57
Weighted	15984	5766*	1488*	8729	1793**	2653**	1321**	2121**	3393*	3216*	622**	866*	1980**	2035**	4818*	4254*	2493*
NONE	674 4%	108 2%	82 5%	484 6%	66 4%	0 -	42 3%	147 7%	100 3%	238 7%	57 9%	24 3%	130 7%	140 7%	100 2%	197 5%	107 4%
1% to 25%	1587 10%	794 14%	286 19%	507 6%	379 21%	224 8%	191 14%	26 1%	130 4%	351 11%	213 34%	73 8%	123 6%	255 13%	532 11%	588 14%	24 1%
26% to 50%	7563 47%	2854 49%	736 49%	3973 46%	792 44%	1400 53%	662 50%	1031 49%	1784 53%	1158 36%	327 53%	409 47%	1148 58%	1091 54%	2067 43%	2029 48%	1033 41%
51% to 99%	2988 19%	1074 19%	163 11%	1751 20%	457 25%	378 14%	239 18%	439 21%	517 15%	795 25%	0 -	163 19%	317 16%	270 13%	1014 21%	787 19%	554 22%
100%	2517 16%	464 8%	196 13%	1857 21%	100 6%	178 7%	187 14%	477 22%	779 23%	600 19%	0 -	196 23%	263 13%	199 10%	632 13%	625 15%	700 28%
(DK/NS)	655 4%	473 8%	24 2%	157 2%	0 -	473 18%	0 -	0 -	84 2%	73 2%	24 4%	0 -	0 -	81 4%	473 10%	27 1%	73 3%
Summary																	
Minimum (excl.0)	1	10	1	5	10	12	20	25	10	5	1	5	25	10	1	5	5
Maximum	100	100	100	100	100	100	100	100	100	100	50	100	100	100	100	100	100
Mean (incl.0)	56	51	48	59	49	51	54	61	61	57	31	60	55	48	56	52	66
Mean (excl.0)	58	52	51	63	51	51	56	65	63	62	35	61	59	52	58	55	69
Standard Deviation	25	22	27	25	23	21	24	23	26	27	17	28	22	24	24	26	25
Standard Error	1	3	4	2	5	4	6	4	3	3	4	5	4	4	3	3	3

SECTION F: BUFFER STRIPS

q58d. What percentage, if any, of your total cost to maintain buffer strips should be covered by the government?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
NONE	8184 36%	4573 44%	598 34%	3013 28%	2289 58%	1219 34%	1066 39%	602 23%	1078 27%	1333 33%	336 49%	262 24%	885 32%	1284 41%	2261 34%	2134 40%	1225 31%
1% to 25%	3215 14%	1281 12%	286 16%	1648 16%	376 10%	324 9%	581 21%	604 23%	516 13%	528 13%	172 25%	115 11%	622 23%	500 16%	965 15%	620 12%	439 11%
26% to 50%	6075 27%	2154 21%	671 38%	3250 31%	683 17%	860 24%	611 23%	774 30%	1330 34%	1146 28%	156 23%	515 48%	688 25%	853 27%	1502 23%	1489 28%	1347 34%
51% to 99%	1667 7%	571 6%	82 5%	1015 10%	207 5%	319 9%	45 2%	294 11%	228 6%	493 12%	0 -	82 8%	63 2%	350 11%	535 8%	432 8%	242 6%
100%	2174 10%	645 6%	82 5%	1447 14%	101 3%	200 6%	344 13%	300 12%	728 18%	419 10%	0 -	82 8%	308 11%	84 3%	652 10%	522 10%	567 14%
(DK/NS)	1315 6%	1057 10%	49 3%	209 2%	281 7%	707 19%	68 3%	0 -	83 2%	127 3%	24 4%	24 2%	196 7%	66 2%	709 11%	126 2%	141 4%
Summary																	
Minimum (excl.0)	1	5	1	1	10	10	5	8	10	1	1	8	15	5	1	1	8
Maximum	100	100	100 AC	100	100	100	100	100	100	100	50	100	100	100	100	100	100
Mean (incl.0)	32	25	30	39 A	19	31	28	40	43	36	16	38	33	28	33	32	38
Mean (excl.0)	53	50	45	56	50	53	47	52	59	54	31	51	50	49	53	54	56
Standard Deviation	28	27	24	28	24	24	33	27	28	28	17	24	28	23	28	28	28
Standard Error	2	3	4	2	6	5	7	4	4	4	5	5	5	4	3	4	4

SECTION F: BUFFER STRIPS

q60. Have you received incentives for buffer strips from non-government conservation groups?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Yes	1431 6%	1044 10% C	57 3%	329 3%	394 10%	349 10%	301 11%	110 4%	219 6%	0 -	0 -	57 5%	310 11%	122 4%	478 7%	387 7%	70 2%
No	20974 93%	9011 88%	1710 97%	10253 97% A	3542 90%	3122 86%	2347 86%	2463 96%	3743 94%	4046 100% H	688 100%	1022 95%	2453 89%	3014 96%	5987 90%	4936 93%	3824 97%
(DK/NS)	226 1%	226 2%	0 -	0 -	0 -	158 4%	68 3%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	158 2%	0 -	68 2%

SECTION F: BUFFER STRIPS

q61a. Do you think that the government should provide financial incentives to growers for lost crop production from their buffer strip?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Buffer Strips	405	126	61	218	47	43	36	54	81	83	23	38	44	47	114	103	84
Weighted	22630	10281*	1767*	10582	3936*	3629**	2716**	2573*	3963*	4046*	688**	1079*	2763**	3136*	6623*	5322*	3961*
Yes	13355 59%	5311 52%	997 56%	7047 67% A	2092 53%	1850 51%	1369 50%	1871 73%	2590 65%	2586 64%	376 55%	621 58%	1915 69%	2108 67%	3344 50%	3502 66%	2154 54%
No	8830 39%	4649 45% C	770 44%	3410 32%	1749 44%	1621 45%	1279 47%	604 23%	1373 35%	1433 35%	311 45%	459 42%	848 31%	976 31%	3093 47%	1704 32%	1714 43%
(DK/NS)	446 2%	321 3%	0 -	126 1%	95 2%	158 4%	68 3%	98 4%	0 -	27 1%	0 -	0 -	0 -	51 2%	185 3%	117 2%	93 2%

SECTION F: BUFFER STRIPS

q61b. How much do you feel that the government should provide, for lost crop production. Would you say that the government should cover?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Gov't should provide financial incentives	252	67	36	149	25	23	19	41	53	55	13	23	29	34	67	68	49
Weighted	13355	5311*	997*	7047	2092**	1850**	1369**	1871**	2590*	2586*	376**	621**	1915**	2108**	3344*	3502*	2154*
Less than half of the cost of lost crop production	565	236	172	157	0	68	168	0	101	56	90	82	0	81	185	275	24
	4%	4%	17% AC	2%	-	4%	12%	-	4%	2%	24%	13%	-	4%	6%	8%	1%
Half of the costs	6918	2945	540	3433	1244	1016	685	1073	1239	1121	180	360	1053	1344	1651	1766	1021
	52%	55%	54%	49%	59%	55%	50%	57%	48%	43%	48%	58%	55%	64%	49%	50%	47%
More than half of the costs	2077	1003	106	968	454	484	64	352	235	381	57	49	326	392	646	428	285
	16%	19%	11%	14%	22%	26%	5%	19%	9%	15%	15%	8%	17%	19%	19%	12%	13%
All of the costs	3753	1085	179	2489	394	282	409	446	1015	1028	49	131	536	291	863	991	824
	28%	20%	18%	35%	19%	15%	30%	24%	39%	40%	13%	21%	28%	14%	26%	28%	38%
(DK/NS)	42	42	0	0	0	0	42	0	0	0	0	0	0	0	0	42	0
	0	1%	-	-	-	-	3%	-	-	-	-	-	-	-	-	1%	-

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q62. I would now like to ask you some questions about the acres on your farm in which you practice conservation tillage or what we will refer to as 'minimum tillage'. For how many years have you been using minimum tillage on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
5 or less	3832 25%	3083 27%	213 25%	536 15%	771 17%	1665 34%	646 38%	279 29%	230 15%	26 3%	90 22%	123 27%	565 19%	898 29%	1355 24%	760 31%	166 16%
6 to 10	4328 28%	2506 22%	237 28%	1585 46% A	1439 31%	824 17%	244 14%	362 37%	830 52%	393 44%	57 14%	180 40%	581 20%	1053 34%	1685 30%	654 27%	354 35%
11 to 20	3515 22%	2625 23%	213 25%	677 20%	881 19%	1477 30%	267 15%	0 -	279 18%	398 44%	90 22%	123 27%	261 9%	693 22%	1321 24%	647 27%	261 26%
21+	3405 22%	2672 24%	164 19%	568 16%	1320 28%	786 16%	567 33%	238 24%	247 16%	83 9%	164 41%	0 -	1410 48%	341 11%	983 18%	285 12%	210 21%
(DK/NS)	542 3%	418 4%	24 3%	100 3%	237 5%	181 4%	0 -	100 10%	0 -	0 -	0 -	24 5%	116 4%	121 4%	205 4%	73 3%	26 3%
Summary																	
Minimum (excl.0)	1	1	2	3	3	1	2	3	3	3	2	3	1	3	1	2	2
Maximum	60	60	35	50	60	60	40	50	39	40	35	20	60	37	35	60	30
Mean	15.2	15.7	13.8	13.9	19.1	13.0	14.5	14.4	13.6	14.1	17.7	10.2	25.0	11.5	13.1	12.9	13.8
Standard Deviation	12.7	13.7	9.1	9.9	16.5	10.7	10.5	12.7	9.4	7.0	10.8	4.8	19.3	8.1	8.6	11.8	7.9
Standard Error	0.8	1.2	1.7	1.1	2.3	1.5	2.3	2.7	1.6	1.6	3.0	1.3	2.9	1.3	1.0	1.8	1.7
Median	9.6	9.8	9.3	9.3	10.0	9.7	9.7	8.0	9.3	10.6	14.7	7.5	20.0	9.0	9.5	9.1	9.8

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q63a. On how many of the ... acres that you mentioned you have in annual crops do you use minimum tillage?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
1 to 79	2320 15%	544 5%	393 46%	1383 40%	110 2%	434 9%	0 -	570 58%	567 36%	246 27%	270 67%	123 27%	432 15%	332 11%	841 15%	446 18%	218 21%
80 to 159	1519 10%	174 2%	189 22%	1156 33%	174 4%	0 -	0 -	383 39%	683 43%	90 10%	131 33%	57 13%	428 15%	503 16%	235 4%	285 12%	68 7%
160 to 319	2663 17%	2101 19%	98 12%	463 13%	937 20%	1083 22%	81 5%	0 -	264 17%	199 22%	0 -	98 22%	694 24%	868 28%	501 9%	316 13%	60 6%
320 to 639	4495 29%	4263 38%	106 12%	126 4%	3169 68%	955 19%	138 8%	0 -	0 -	126 14%	0 -	106 24%	1107 38%	876 28%	1605 29%	563 23%	217 21%
640 to 959	1527 10%	1379 12%	66 8%	83 2%	0 -	1196 24%	183 11%	0 -	0 -	83 9%	0 -	66 15%	0 -	175 6%	1105 20%	26 1%	141 14%
960 to 1279	1554 10%	1528 14%	0 -	26 1%	0 -	1173 24%	355 21%	0 -	0 -	26 3%	0 -	0 -	68 2%	120 4%	926 17%	440 18%	0 -
1280 to 1599	440 3%	440 4%	0 -	0 -	0 -	0 -	440 26%	0 -	0 -	0 -	0 -	0 -	0 -	90 3%	264 5%	44 2%	0 -
1600 to 1919	271 2%	271 2%	0 -	0 -	0 -	0 -	271 16%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	185 8%	19 2%
1920+	312 2%	256 2%	0 -	56 2%	0 -	0 -	256 15%	0 -	0 -	56 6%	0 -	0 -	0 -	0 -	0 -	42 2%	270 26%
(DK/NS)	520 3%	347 3%	0 -	173 5%	257 6%	90 2%	0 -	26 3%	73 5%	73 8%	0 -	0 -	206 7%	141 5%	73 1%	73 3%	26 3%
Summary																	
Minimum (excl.0)	1	1	10	10	50	1	300	20	19	10	20	10	1	20	1	10	10
Maximum	6000	6000	900	2200	630	1212	6000	115	300	2200	150	900	1000	1500	1400	4200	6000
Total	8173723	7447765	172927	553032	1612443	2967071	2868251	58747	162374	331911	29178	143749	739073	1104191	3139503	1424857	1398667
Mean (incl.0)	541	680	203	168	367	613	1664	62	107	402	73	319	271	373	573	607	1410
Mean (excl.0)	541	680	203	168	367	613	1664	62	107	402	73	319	271	373	573	607	1410
Standard Deviation (excl.0)	687	739	246	312	138	351	1360	33	66	552	44	291	196	313	398	708	1866
Standard Error (excl.0)	45	66	47	36	19	49	297	7	11	130	12	75	30	49	46	109	398
Median (excl.0)	359	458	100	93	360	587	1312	44	94	188	56	184	271	271	506	349	423

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q63acre. Percentage of acres being treated using Conservation Tillage/ Minimum Tillage.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	232	126	28	78	56	49	21	24	36	18	13	15	43	42	73	43	22
	15159	10869*	852**	3439*	4648*	4498*	1723**	980**	1587**	872**	401**	450**	2793**	3105**	5258*	2420*	991**
1% to 25%	1956 13%	881 8%	189 22%	887 26% A	178 4%	466 10%	237 14%	266 27%	338 21%	283 32%	66 16%	123 27%	147 5%	151 5%	509 10%	818 34% N	192 19%
26% to 50%	3475 23%	1970 18%	286 34%	1219 35% A	605 13%	1094 24%	270 16%	278 28%	642 40%	299 34%	172 43%	115 25%	623 22%	1150 37%	1057 20%	265 11%	243 24%
51% to 99%	2401 16%	1739 16%	147 17%	515 15%	817 18%	612 14%	310 18%	110 11%	323 20%	83 9%	33 8%	115 25%	282 10%	905 29%	449 9%	548 23%	218 22%
100%	6807 45%	5931 55% C	230 27%	645 19%	2790 60%	2236 50%	906 53%	300 31%	211 13%	135 15%	131 33%	98 22%	1534 55%	758 24%	3170 60% O	716 30%	312 31%
(DK/NS)	520 3%	347 3%	0 -	173 5%	257 6%	90 2%	0 -	26 3%	73 5%	73 8%	0 -	0 -	206 7%	141 5%	73 1%	73 3%	26 3%
Summary																	
Minimum (excl.0)	4	9	4	7	9	22	10	16	10	7	13	4	13	10	9	4	9
Maximum	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean (incl.0)	70	77 C	55	50	83	72	75	57	48	44	59	53	78	62	78 O	58	59
Mean (excl.0)	70	77 C	55	50	83	72	75	57	48	44	59	53	78	62	78 O	58	59
Standard Deviation	32	30	33	31	26	31	31	33	28	32	31	35	30	29	30	35	34
Standard Error	2	3	6	4	4	5	7	7	5	8	9	9	5	5	4	5	7

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q63b. Do you plan to increase, decrease or keep the same number of acres of minimum tillage on your farm over the next one to three years?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
Increase	2426 16%	1814 16%	57 7%	554 16%	109 2%	1229 25%	476 28%	183 19%	178 11%	193 21%	24 6%	33 7%	214 7%	223 7%	1032 19%	820 34%	56 6%
Decrease	1753 11%	1637 14%	0 -	116 3%	1059 23%	579 12%	0 -	53 5%	37 2%	26 3%	0 -	0 -	494 17%	99 3%	1054 19%	107 4%	0 -
Remain the same	11015 71%	7481 66%	795 93%	2739 79%	3429 74%	2805 57%	1247 72%	688 70%	1371 86%	680 76%	377 94%	418 93%	2084 71%	2733 88%	3464 62%	1437 59%	962 94%
(DK/NS)	426 3%	370 3%	0 -	56 2%	51 1%	319 6%	0 -	56 6%	0 -	0 -	0 -	0 -	141 5%	51 2%	0 -	56 2%	0 -

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q64a. What is the main reason for why you chose to use minimum tillage?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
Concerns about soil quality/erosion	4136	2784	360	992	1472	851	461	137	588	267	156	205	721	966	1396	531	275
	26%	25%	42%	29%	32%	17%	27%	14%	37%	30%	39%	45%	25%	31%	25%	22%	27%
To save fuel and/or labor	3499	2462	98	938	844	944	674	336	347	254	33	66	734	372	1122	1151	119
	22%	22%	12%	27%	18%	19%	39%	34%	22%	28%	8%	15%	25%	12%	20%	48% N	12%
To conserve moisture	2075 13%	1929 17% C	0 -	146 4%	905 19%	630 13%	394 23%	0 -	0 -	146 16%	0 -	0 -	560 19%	350 11%	826 15%	66 3%	231 23%
Reduce equipment costs and/or maintenance	1708	1030	156	523	546	484	0	204	292	26	33	123	298	540	367	269	235
	11%	9%	18%	15%	12%	10%	-	21%	18%	3%	8%	27%	10%	17%	7%	11%	23%
More cost effective	1100 7%	804 7%	115 13%	182 5%	46 1%	757 15%	0 -	0 -	100 6%	83 9%	82 20%	33 7%	0 -	418 13%	488 9%	59 2%	89 9%
Saves time	423 3%	192 2%	33 4%	199 6%	0 -	116 2%	76 4%	83 8%	116 7%	0 -	33 8%	0 -	37 1%	26 1%	301 5%	59 2%	0 -
I have the right equipment	354	354	0	0	70	203	81	0	0	0	0	0	0	0	273	81	0
	2%	3%	-	-	2%	4%	5%	-	-	-	-	-	-	-	5%	3%	-
Easier on the land	288 2%	288 3%	0 -	0 -	87 2%	201 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	201 6%	87 2%	0 -	0 -
Do not use minimum tillage	208	208	0	0	116	92	0	0	0	0	0	0	116	0	92	0	0
	1%	2%	-	-	2%	2%	-	-	-	-	-	-	4%	-	2%	-	-
Improve crop yield	113 1%	88 1%	24 3%	0 -	0 -	51 1%	37 2%	0 -	0 -	0 -	0 -	24 5%	0 -	0 -	24 0	51 2%	37 4%
Concerns about the environment	89	57	0	31	57	0	0	0	31	0	0	0	0	31	57	0	0
	1%	1%	-	1%	1%	-	-	-	2%	-	-	-	-	1%	1%	-	-
Reduce fuel costs	73 0	0 -	0 -	73 2%	0 -	0 -	0 -	0 -	0 -	73 8%	0 -	0 -	0 -	0 -	0 -	73 3%	0 -
Convenience (unspecified)	33 0	0 -	33 4%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 8%	0 -	33 1%	0 -	0 -	0 -	0 -
Other	1122 7%	676 6%	66 8%	381 11%	304 7%	372 8%	0 -	194 20%	81 5%	106 12%	66 16%	0 -	212 7%	235 8%	333 6%	79 3%	95 9%
(DK/NS)	575 4%	518 5%	0 -	58 2%	286 6%	232 5%	0 -	26 3%	31 2%	0 -	0 -	0 -	224 8%	51 2%	183 3%	0 -	26 3%

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q64b. Thinking about the changes in equipment required, did it cost you money or did you save money when you switched to minimum tillage, factoring in any costs for trading in equipment as well as purchasing new equipment.

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
Cost money	5845 37%	4623 41%	295 35%	927 27%	1719 37%	2019 41%	885 51%	379 39%	354 22%	193 21%	139 35%	156 35%	774 26%	1017 33%	2450 44%	1206 50%	240 24%
Saved money	5117 33%	2887 26%	353 41%	1877 54% A	1116 24%	1222 25%	549 32%	469 48%	827 52%	581 65%	164 41%	189 42%	1008 34%	1055 34%	1654 30%	733 30%	575 57%
Neither cost nor saved money	4035 26%	3221 28%	205 24%	609 18%	1578 34%	1391 28%	252 15%	105 11%	405 26%	99 11%	98 25%	106 24%	827 28%	956 31%	1288 23%	418 17%	203 20%
(DK/NS)	624 4%	571 5%	0 -	53 2%	235 5%	300 6%	37 2%	26 3%	0 -	26 3%	0 -	0 -	325 11%	78 2%	158 3%	63 3%	0 -

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65a. What would be the approximate amount that you SPENT switching to minimum tillage?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Spent money	82	53	10	19	20	23	10	8	7	4	5	5	13	14	29	19	5
Weighted	5845*	4623*	295**	927**	1719**	2019**	885**	379**	354**	193**	139**	156**	774**	1017**	2450**	1206**	240**
1000 or less	133 2%	0 -	24 8%	108 12%	0 -	0 -	0 -	108 29%	0 -	0 -	24 18%	0 -	56 7%	77 8%	0 -	0 -	0 -
1001 to 10,000	1316 23%	684 15%	90 31%	542 58%	464 27%	152 8%	68 8%	114 30%	354 100%	73 38%	0 -	90 58%	230 30%	290 29%	443 18%	285 24%	0 -
10,001 to 50,000	2852 49%	2590 56%	115 39%	147 16%	706 41%	1433 71%	451 51%	84 22%	0 -	64 33%	82 59%	33 21%	339 44%	384 38%	1588 65%	409 34%	42 18%
50,001 to 100,000	680 12%	591 13%	33 11%	56 6%	166 10%	149 7%	276 31%	0 -	0 -	56 29%	0 -	33 21%	0 -	0 -	218 9%	354 29%	108 45%
100,001+	491 8%	491 11%	0 -	0 -	116 7%	285 14%	90 10%	0 -	0 -	0 -	0 -	0 -	116 15%	0 -	201 8%	84 7%	90 38%
(DK/NS)	373 6%	267 6%	33 11%	73 8%	267 16%	0 -	0 -	73 19%	0 -	0 -	33 24%	0 -	34 4%	266 26%	0 -	73 6%	0 -
Summary																	
Mean	48176.2	56219.2	20719.8	15555.7	42544.1	58452.0	73569.3	9936.7	8296.9	37770.4	11704.9	26862.5	47301.9	16165.1	49066.6	55917.6	115509.2
Standard Deviation	51716.2	54206.1	18137.7	20592.6	38685.6	61933.1	51411.1	14377.2	2473.5	29973.1	6158.9	20859.2	48659.2	14164.0	51170.7	53490.0	66399.1
Standard Error	5893.6	7665.9	6045.9	4853.7	9382.6	12913.9	16257.6	5434.1	934.9	14986.5	3079.5	9328.5	14671.3	4088.8	9502.2	12607.7	29694.6
Median	36491.7	40141.7	11343.7	8379.0	37646.6	35264.0	46623.1	2325.3	8248.0	16240.2	12515.5	10000.0	19225.0	10334.6	37565.9	26918.2	69391.1

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65a1. What would be the approximate amount that you SAVED switching to minimum tillage?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Saved money	88	33	11	44	14	13	6	11	21	12	5	6	16	15	28	14	13
Weighted	5117*	2887**	353**	1877*	1116**	1222**	549**	469**	827**	581**	164**	189**	1008**	1055**	1654**	733**	575**
1000 or less	1766 35%	1001 35%	189 53%	577 31%	368 33%	393 32%	240 44%	198 42%	353 43%	26 5%	33 20%	156 83%	413 41%	272 26%	581 35%	372 51%	128 22%
1001 to 10,000	2212 43%	1208 42%	131 37%	872 46%	440 39%	634 52%	134 24%	215 46%	238 29%	419 72%	98 60%	33 17%	441 44%	667 63%	561 34%	170 23%	326 57%
10,001 to 50,000	252 5%	116 4%	0 -	136 7%	0 -	116 9%	0 -	0 -	110 13%	26 5%	0 -	0 -	0 -	56 5%	142 9%	53 7%	0 -
50,001 to 100,000	25 0	0 -	0 -	25 1%	0 -	0 -	0 -	0 -	0 -	25 4%	0 -	0 -	0 -	0 -	25 2%	0 -	0 -
100,001+	37 1%	37 1%	0 -	0 -	0 -	0 -	37 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	37 6%
(DK/NS)	824 16%	525 18%	33 9%	267 14%	308 28%	79 6%	138 25%	56 12%	127 15%	84 14%	33 20%	0 -	154 15%	59 6%	344 21%	138 19%	84 15%
Summary																	
Mean	5438.4	5769.7	2514.5	5533.0	3562.3	5564.7	10670.9	4181.0	5210.8	7109.4	3270.4	1988.3	3391.0	3205.4	6922.9	3337.3	11681.2
Standard Deviation	12601.8	14150.5	3184.9	11215.5	4101.3	8423.3	29792.7	4545.0	10630.7	15079.4	2022.3	3704.5	3979.5	3475.3	13640.6	6285.3	26894.6
Standard Error	1474.9	2830.1	1007.2	1819.4	1367.1	2539.7	13323.7	1437.2	2505.7	4768.5	1011.1	1512.4	1103.7	963.9	2908.2	1743.2	8109.0
Median	1836.8	1896.8	533.4	1749.8	1401.4	3282.3	71.6	997.7	967.4	2762.8	3000.4	46.2	1166.3	2105.3	1634.9	677.2	3628.9

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65a. Cost per Total Acre used for CONSERVATION TILLAGE/ MINIMUM TILLAGE

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Spent money when switched	82	53	10	19	20	23	10	8	7	4	5	5	13	14	29	19	5
Weighted	5845*	4623*	295**	927**	1719**	2019**	885**	379**	354**	193**	139**	156**	774**	1017**	2450**	1206**	240**
1 to 10	371 6%	239 5%	24 8%	108 12%	0 -	152 8%	86 10%	108 29%	0 -	0 -	24 18%	0 -	56 7%	161 16%	68 3%	0 -	19 8%
11 to 20	902 15%	750 16%	0 -	152 16%	268 16%	440 22%	42 5%	26 7%	53 15%	73 38%	0 -	0 -	26 3%	190 19%	475 19%	170 14%	42 18%
21 to 50	1978 34%	1582 34%	57 19%	339 37%	363 21%	721 36%	499 56%	56 15%	246 69%	37 19%	0 -	57 37%	240 31%	313 31%	929 38%	316 26%	90 38%
51+	2220 38%	1785 39%	180 61%	254 27%	822 48%	706 35%	258 29%	115 30%	56 16%	83 43%	82 59%	98 63%	418 54%	87 9%	979 40%	646 54%	89 37%
(DK/NS)	373 6%	267 6%	33 11%	73 8%	267 16%	0 -	0 -	73 19%	0 -	0 -	33 24%	0 -	34 4%	266 26%	0 -	73 6%	0 -
Summary																	
Minimum (excl.0)	3	3	6	5	12	5	3	5	11	20	6	22	5	5	5	18	3
Maximum	375	375	121	333	375	200	66	333	55	89	121	80	375	83	161	333	72
Mean	64.0	65.5	67.0	55.2	92.4	59.3	35.6	79.4	37.6	49.2	89.5	51.8	121.5	26.7	55.9	77.9	41.2
Standard Deviation	69.1	71.1	39.3	65.4	95.8	56.4	20.5	101.6	13.6	26.4	46.6	23.3	120.5	22.5	47.7	66.9	25.0
Standard Error	7.9	10.1	13.1	15.4	23.2	11.8	6.5	38.4	5.1	13.2	23.3	10.4	36.3	6.5	8.9	15.8	11.2
Median	37.2	37.3	62.5	33.6	74.9	37.6	29.5	23.3	34.4	35.0	103.4	43.8	75.3	19.0	37.2	60.0	25.8

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65a. Saved per Total Acre used for CONSERVATION TILLAGE/ MINIMUM TILLAGE

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Saved money when switched	88	33	11	44	14	13	6	11	21	12	5	6	16	15	28	14	13
Weighted	5117*	2887**	353**	1877*	1116**	1222**	549**	469**	827**	581**	164**	189**	1008**	1055**	1654**	733**	575**
Less than 1	1091 21%	557 19%	131 37%	403 21%	106 10%	210 17%	240 44%	140 30%	263 32%	0 -	33 20%	98 52%	195 19%	220 21%	366 22%	214 29%	95 17%
1 to 10	2258 44%	1423 49%	57 16%	778 41%	471 42%	818 67%	134 24%	58 12%	274 33%	446 77%	0 -	57 30%	378 38%	720 68%	584 35%	301 41%	274 48%
11 to 20	113 2%	0 -	33 9%	80 4%	0 -	0 -	0 -	26 6%	27 3%	26 5%	0 -	33 17%	0 -	0 -	53 3%	26 4%	33 6%
21 to 50	545 11%	383 13%	98 28%	64 3%	230 21%	116 9%	37 7%	37 8%	26 3%	0 -	98 60%	0 -	181 18%	0 -	254 15%	26 4%	37 6%
51+	286 6%	0 -	0 -	286 15%	0 -	0 -	0 -	151 32%	110 13%	25 4%	0 -	0 -	99 10%	56 5%	51 3%	27 4%	52 9%
(DK/NS)	824 16%	525 18%	33 9%	267 14%	308 28%	79 6%	138 25%	56 12%	127 15%	84 14%	33 20%	0 -	154 15%	59 6%	344 21%	138 19%	84 15%
Summary																	
Minimum (excl.0)	1	1	1	1	1	1	2	1	2	1	30	1	1	2	1	1	1
Maximum	166	35	40	166	27	25	35	125	166	140	40	13	125	75	166	120	90
Mean	17.7	7.9	20.5	32.0	10.0	6.1	9.2	64.2	34.3	12.3	34.3	5.4	26.8	8.9	18.9	14.2	19.9
Standard Deviation	31.5	9.9	15.4	45.8	11.2	7.3	13.6	48.4	47.1	29.8	4.2	5.8	38.8	18.6	34.1	30.8	28.8
Standard Error	4.2	2.3	6.3	8.4	4.0	2.6	7.9	18.3	13.1	9.4	2.4	3.4	12.3	5.9	8.5	9.7	10.2
Median	3.9	3.4	15.2	7.3	3.3	3.2	2.0	42.4	8.0	3.7	31.5	1.0	4.5	3.2	4.9	2.6	4.9

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65a. Cost per Min. Till Acre used for CONSERVATION TILLAGE/ MINIMUM TILLAGE

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Spent money when switched	82	53	10	19	20	23	10	8	7	4	5	5	13	14	29	19	5
Weighted	5845*	4623*	295**	927**	1719**	2019**	885**	379**	354**	193**	139**	156**	774**	1017**	2450**	1206**	240**
1 to 10	152 3%	152 3%	0 -	0 -	0 -	84 4%	68 8%	0 -	0 -	0 -	0 -	0 -	0 -	84 8%	0 -	0 -	0 -
11 to 20	561 10%	454 10%	24 8%	83 9%	268 16%	144 7%	42 5%	56 15%	26 7%	0 -	24 18%	0 -	56 7%	127 12%	336 14%	0 -	42 18%
21 to 50	1784 31%	1576 34%	0 -	208 22%	344 20%	899 45%	334 38%	135 36%	0 -	73 38%	0 -	0 -	266 34%	353 35%	902 37%	155 13%	109 45%
51+	2568 44%	1767 38%	237 81%	563 61%	635 37%	692 34%	441 50%	115 30%	328 93%	120 62%	82 59%	156 100%	212 27%	186 18%	1012 41%	978 81%	89 37%
(DK/NS)	780 13%	674 15%	33 11%	73 8%	473 28%	201 10%	0 -	73 19%	0 -	0 -	33 24%	0 -	240 31%	266 26%	201 8%	73 6%	0 -
Summary																	
Minimum (excl.0)	5	5	20	13	12	10	5	16	13	40	20	66	16	10	12	21	16
Maximum	1111	200	1000	1111	156	200	100	1111	200	250	300	1000	300	100	214	1111	100
Mean	84.9	63.1	279.0	126.2	71.0	63.9	50.5	157.9	110.4	104.7	160.4	359.8	82.4	40.5	61.0	168.6	50.7
Standard Deviation	124.2	47.5	309.5	190.9	51.0	50.2	31.6	303.8	61.6	75.7	101.3	371.8	71.9	29.2	43.7	226.8	31.3
Standard Error	14.4	6.9	103.2	45.0	13.2	10.7	10.0	114.8	23.3	37.9	50.7	166.3	24.0	8.4	8.3	53.5	14.0
Median	53.3	46.1	104.5	67.0	55.6	45.7	33.0	35.2	77.7	83.4	108.1	81.3	41.9	26.5	46.3	94.6	32.7

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65a. Saved per Min. Till Acre used for CONSERVATION TILLAGE/ MINIMUM TILLAGE

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Saved money when switched	88	33	11	44	14	13	6	11	21	12	5	6	16	15	28	14	13
Weighted	5117*	2887**	353**	1877*	1116**	1222**	549**	469**	827**	581**	164**	189**	1008**	1055**	1654**	733**	575**
Less than 1	811 16%	467 16%	131 37%	213 11%	106 10%	120 10%	240 44%	84 18%	130 16%	0 -	33 20%	98 52%	195 19%	130 12%	256 15%	134 18%	95 17%
1 to 10	1590 31%	1096 38%	57 16%	437 23%	471 42%	491 40%	134 24%	88 19%	223 27%	126 22%	0 -	57 30%	347 34%	314 30%	548 33%	281 38%	101 18%
11 to 20	638 12%	327 11%	0 -	311 17%	0 -	327 27%	0 -	26 6%	158 19%	127 22%	0 -	0 -	31 3%	307 29%	147 9%	53 7%	101 17%
21 to 50	549 11%	383 13%	66 19%	100 5%	230 21%	116 9%	37 7%	0 -	27 3%	73 13%	33 20%	33 17%	149 15%	73 7%	211 13%	0 -	70 12%
51+	614 12%	0 -	66 19%	549 29%	0 -	0 -	0 -	215 46%	162 20%	171 30%	66 40%	0 -	132 13%	83 8%	148 9%	127 17%	125 22%
(DK/NS)	914 18%	615 21%	33 9%	267 14%	308 28%	169 14%	138 25%	56 12%	127 15%	84 14%	33 20%	0 -	154 15%	149 14%	344 21%	138 19%	84 15%
Summary																	
Minimum (excl.0)	1	1	1	1	1	1	2	4	1	3	33	1	1	2	1	1	10
Maximum	480	35	66	480	27	25	35	222	480	437	66	33	153	250	437	480	222
Mean	37.5	10.3	35.3	73.0	10.2	10.7	9.2	90.1	78.3	55.6	53.0	15.9	30.3	31.7	35.0	45.1	60.4
Standard Deviation	75.9	9.9	23.2	107.5	11.1	7.8	13.6	74.5	130.0	94.5	14.4	13.5	42.1	63.6	82.5	111.3	72.0
Standard Error	9.9	2.3	9.5	18.4	3.9	2.8	7.9	26.3	32.5	29.9	8.3	7.8	13.3	20.1	18.9	33.6	25.4
Median	11.4	4.5	23.0	18.7	3.3	8.2	2.0	79.6	14.1	19.0	46.5	6.7	7.2	7.9	9.0	4.4	13.8

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65b. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using minimum tillage. How about ...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield in your cereal crops.																	
Base: Valid respondents	162	122	17	23	51	50	21	3	17	3	6	11	28	29	56	27	14
Weighted	12409	10703*	491**	1215**	4217*	4763*	1723**	121**	911**	184**	172**	319**	2296**	2612**	4674*	1693**	593**
Yes	5785 47%	5282 49%	229 47%	274 23%	1298 31%	2891 61%	1093 63%	37 31%	127 14%	110 60%	90 52%	139 44%	703 31%	1334 51%	2795 60%	490 29%	305 51%
No	6122 49%	5049 47%	262 53%	811 67%	2867 68%	1551 33%	631 37%	27 23%	711 78%	73 40%	82 48%	180 56%	1451 63%	1227 47%	1658 35%	1202 71%	289 49%
(DK/NS)	502 4%	373 3%	0 -	130 11%	52 1%	320 7%	0 -	56 47%	73 8%	0 -	0 -	0 -	142 6%	51 2%	221 5%	0 -	0 -
Change in yield in your pulse crops.																	
Base: Valid respondents	16	16	0	0	5	6	5	0	0	0	0	0	4	4	6	1	1
Weighted	1894*	1894**	-**	-**	435**	762**	697**	-**	-**	-**	-**	-**	345**	360**	961**	138**	90**
Yes	479 25%	479 25%	0 -	0 -	206 47%	0 -	273 39%	0 -	0 -	0 -	0 -	0 -	206 60%	90 25%	183 19%	0 -	0 -
No	867 46%	867 46%	0 -	0 -	90 21%	581 76%	196 28%	0 -	0 -	0 -	0 -	0 -	0 -	270 75%	597 62%	0 -	0 -
(DK/NS)	547 29%	547 29%	0 -	0 -	139 32%	181 24%	228 33%	0 -	0 -	0 -	0 -	0 -	139 40%	0 -	181 19%	138 100%	90 100%
Change in yield in your canola crop.																	
Base: Valid respondents	68	68	0	0	26	29	13	0	0	0	0	0	6	12	29	11	5
Weighted	5365*	5365*	-**	-**	1962**	2594**	809**	-**	-**	-**	-**	-**	499**	1333**	2240**	796**	160**
Yes	1746 33%	1746 33%	0 -	0 -	209 11%	1277 49%	261 32%	0 -	0 -	0 -	0 -	0 -	0 -	496 37%	984 44%	103 13%	81 51%
No	3222 60%	3222 60%	0 -	0 -	1535 78%	1139 44%	548 68%	0 -	0 -	0 -	0 -	0 -	499 100%	756 57%	1027 46%	693 87%	79 49%
(DK/NS)	398 7%	398 7%	0 -	0 -	219 11%	179 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 6%	229 10%	0 -	0 -
Change in yield in your soybean crop																	
Base: Valid respondents	37	0	0	37	0	0	0	8	17	12	0	0	4	10	10	8	5
Weighted	1623*	-**	-**	1623*	-**	-**	-**	300**	711**	612**	-**	-**	166**	400**	418**	399**	240**
Yes	266 16%	0 -	0 -	266 16%	0 -	0 -	0 -	0 -	137 19%	129 21%	0 -	0 -	27 16%	83 21%	0 -	100 25%	56 23%
No	1227 76%	0 -	0 -	1227 76%	0 -	0 -	0 -	244 81%	500 70%	482 79%	0 -	0 -	83 50%	244 61%	418 100%	299 75%	184 77%

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65b. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using minimum tillage. How about ...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
(DK/NS)	130 8%	0 -	0 -	130 8%	0 -	0 -	0 -	56 19%	73 10%	0 -	0 -	0 -	56 34%	73 18%	0 -	0 -	0 -
Change in yield in your corn crop.																	
Base: Valid respondents	53	0	4	49	0	0	0	13	21	15	1	3	5	8	15	15	9
Weighted	2204*	-**	114**	2090*	-**	-**	-**	519**	928**	643**	33**	82**	268**	317**	547**	637**	383**
Yes	707 32%	0 -	24 21%	682 33%	0 -	0 -	0 -	140 27%	286 31%	256 40%	0 -	24 30%	113 42%	53 17%	105 19%	280 44%	157 41%
No	1465 66%	0 -	57 50%	1408 67%	0 -	0 -	0 -	380 73%	641 69%	387 60%	0 -	57 70%	156 58%	264 83%	442 81%	358 56%	193 50%
(DK/NS)	33 1%	0 -	33 29%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 100%	0 -	0 -	0 -	0 -	0 -	33 9%
Change in yield to your potato crop																	
Base: Valid respondents	10	0	10	0	0	0	0	0	0	0	2	8	1	0	2	4	3
Weighted	312*	-**	312**	-**	-**	-**	-**	-**	-**	-**	57**	254**	24**	-**	66**	123**	98**
Yes	33 11%	0 -	33 11%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 13%	0 -	0 -	0 -	33 27%	0 -
No	279 89%	0 -	279 89%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	57 100%	221 87%	24 100%	0 -	66 100%	90 73%	98 100%

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65c. Would this change be an increase or decrease?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield to ALL CROPS																	
Base: Have experienced a change Weighted	91	60	9	22	16	30	14	4	10	8	3	6	11	16	37	14	10
	6742*	5485*	262**	996**	1344**	2972**	1169**	177**	396**	423**	90**	172**	815**	1443**	2998**	730**	518**
Increase	5544 82%	4617 84%	139 53%	789 79%	1054 78%	2471 83%	1093 93%	150 85%	316 80%	322 76%	24 27%	115 67%	667 82%	1336 93%	2389 80%	456 63%	458 88%
Decrease	1408 21%	1051 19%	123 47%	234 23%	291 22%	501 17%	259 22%	27 15%	106 27%	100 24%	66 73%	57 33%	149 18%	133 9%	793 26%	274 37%	60 12%
Change in yield in your cereal crops.																	
Base: Experienced a change Weighted	71	57	8	6	15	29	13	1	3	2	3	5	9	13	32	9	6
	5785*	5282*	229**	274**	1298**	2891**	1093**	37**	127**	110**	90**	139**	703**	1334**	2795**	490**	305**
Increase	4661 81%	4307 82%	106 46%	248 90%	1007 78%	2390 83%	909 83%	37 100%	101 79%	110 100%	24 27%	82 59%	554 79%	1201 90%	2106 75%	370 75%	272 89%
Decrease	1124 19%	975 18%	123 54%	26 10%	291 22%	501 17%	183 17%	0 -	26 21%	0 -	66 73%	57 41%	149 21%	133 10%	690 25%	121 25%	33 11%
Change in yield in your pulse crops.																	
Base: Experienced a change Weighted	4	4	0	0	2	0	2	0	0	0	0	0	2	1	1	0	0
	479*	479**	-**	-**	206**	-**	273**	-**	-**	-**	-**	-**	206**	90**	183**	-**	-**
Increase	363 76%	363 76%	0 -	0 -	90 44%	0 -	273 100%	0 -	0 -	0 -	0 -	0 -	90 44%	90 100%	183 100%	0 -	0 -
Decrease	116 24%	116 24%	0 -	0 -	116 56%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 56%	0 -	0 -	0 -	0 -
Change in yield in your canola crop.																	
Base: Experienced a change Weighted	19	19	0	0	3	11	5	0	0	0	0	0	0	4	10	2	2
	1746*	1746**	-**	-**	209**	1277**	261**	-**	-**	-**	-**	-**	-**	496**	984**	103**	81**
Increase	1670 96%	1670 96%	0 -	0 -	209 100%	1277 100%	185 71%	0 -	0 -	0 -	0 -	0 -	0 -	496 100%	908 92%	103 100%	81 100%
Decrease	76 4%	76 4%	0 -	0 -	0 -	0 -	76 29%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	76 8%	0 -	0 -
Change in yield in your soybean crop																	
Base: Experienced a change Weighted	6	0	0	6	0	0	0	0	4	2	0	0	1	2	0	2	1
	266*	-**	-**	266**	-**	-**	-**	-**	137**	129**	-**	-**	27**	83**	-**	100**	56**
Increase	193 73%	0 -	0 -	193 73%	0 -	0 -	0 -	0 -	137 100%	56 44%	0 -	0 -	27 100%	83 100%	0 -	27 27%	56 100%
Decrease	73 27%	0 -	0 -	73 27%	0 -	0 -	0 -	0 -	0 -	73 56%	0 -	0 -	0 -	0 -	0 -	73 73%	0 -

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65c. Would this change be an increase or decrease?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield in your corn crop.																	
Base: Experienced a change	16	0	1	15	0	0	0	3	7	5	0	1	2	2	4	5	3
Weighted	707*	-**	24**	682**	-**	-**	-**	140**	286**	256**	-**	24**	113**	53**	105**	280**	157**
Increase	500	0	24	475	0	0	0	113	207	156	0	24	113	53	78	127	130
	71%	-	100%	70%	-	-	-	81%	72%	61%	-	100%	100%	100%	74%	45%	83%
Decrease	207	0	0	207	0	0	0	27	80	100	0	0	0	0	27	153	27
	29%	-	-	30%	-	-	-	19%	28%	39%	-	-	-	-	26%	55%	17%
Change in yield to your potato crop																	
Base: Experienced a change	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Weighted	33*	-**	33**	-**	-**	-**	-**	-**	-**	-**	-**	33**	-**	-**	-**	33**	-**
Increase	33	0	33	0	0	0	0	0	0	0	0	33	0	0	0	33	0
	100%	-	100%	-	-	-	-	-	-	-	-	100%	-	-	-	100%	-

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your cereal crops.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	57	48	4	5	12	24	12	1	2	2	1	3	7	11	25	7	5
	4661*	4307*	106**	248**	1007**	2390**	909**	37**	101**	110**	24**	82**	554**	1201**	2106**	370**	272**
1-2	223 5%	223 5%	0 -	0 -	0 -	0 -	223 25%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 3%	87 24%	0 -
3-5	1846 40%	1735 40%	0 -	111 45%	372 37%	1020 43%	343 38%	0 -	73 73%	37 34%	0 -	0 -	396 72%	589 49%	578 27%	155 42%	127 47%
6+	2352 50%	2233 52%	82 77%	37 15%	635 63%	1254 52%	344 38%	37 100%	0 -	0 -	24 100%	57 70%	131 24%	539 45%	1319 63%	128 35%	145 53%
(DK/NS)	240 5%	116 3%	24 23%	100 40%	0 -	116 5%	0 -	0 -	27 27%	73 66%	0 -	24 30%	27 5%	73 6%	140 7%	0 -	0 -
Summary																	
Minimum (excl.0)	1	1	6	5	3	3	1	6	5	5	10	6	5	4	1	2	4
Maximum	15	15	13	6	15	15	10	6	5	5	10	13	12	10	15	10	13
Mean	7.3	7.4	10.0	5.3	8.9	7.6	5.1	6.0	5.0	5.0	10.0	10.0	6.6	6.5	8.3	5.8	6.5
Standard Deviation	3.7	3.7	2.9	0.4	4.2	3.4	2.7	0	0.0	0.0	0.0	3.5	2.9	2.2	4.1	2.9	2.8
Standard Error	0.5	0.5	1.7	0.3	1.2	0.7	0.8	0	0.0	0.0	0.0	2.5	1.2	0.7	0.9	1.1	1.3
Median	5.5	5.6	8.7	5.0	7.0	6.2	4.6	6.0	5.0	5.0	10.0	6.9	5.0	4.9	6.9	3.9	5.2

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your pulse crops.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	3	3	0	0	1	0	2	0	0	0	0	0	1	1	1	0	0
	363*	363**	-**	-**	90**	-**	273**	-**	-**	-**	-**	-**	90**	90**	183**	-**	-**
1-2	183 50%	183 50%	0 -	0 -	0 -	0 -	183 67%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	183 100%	0 -	0 -
3-5	180 50%	180 50%	0 -	0 -	90 100%	0 -	90 33%	0 -	0 -	0 -	0 -	0 -	90 100%	90 100%	0 -	0 -	0 -
Summary																	
Minimum (excl.0)	2	2	0	0	3	0	2	0	0	0	0	0	3	5	2	0	0
Maximum	5	5	0	0	3	0	5	0	0	0	0	0	3	5	2	0	0
Mean	3.0	3.0	0	0	3.0	0	3.0	0	0	0	0	0	3.0	5.0	2.0	0	0
Standard Deviation	1.2	1.2	0	0	0	0	1.4	0	0	0	0	0	0	0.0	0.0	0	0
Standard Error	0.7	0.7	0	0	0	0	1.0	0	0	0	0	0	0	0.0	0.0	0	0
Median	2.0	2.0	0	0	3.0	0	2.0	0	0	0	0	0	3.0	5.0	2.0	0	0

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your canola crop.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	18	18	0	0	3	11	4	0	0	0	0	0	0	4	9	2	2
	1670*	1670**	-**	-**	209**	1277**	185**	-**	-**	-**	-**	-**	-**	496**	908**	103**	81**
1-2	46 3%	46 3%	0 -	0 -	46 22%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	46 5%	0 -	0 -
3-5	629 38%	629 38%	0 -	0 -	0 -	548 43%	81 44%	0 -	0 -	0 -	0 -	0 -	0 -	129 26%	419 46%	0 -	81 100%
6+	914 55%	914 55%	0 -	0 -	162 78%	648 51%	103 56%	0 -	0 -	0 -	0 -	0 -	0 -	368 74%	443 49%	103 100%	0 -
(DK/NS)	81 5%	81 5%	0 -	0 -	0 -	81 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Summary																	
Minimum (excl.0)	2	2	0	0	2	3	4	0	0	0	0	0	0	3	2	10	4
Maximum	15	15	0	0	10	15	10	0	0	0	0	0	0	15	10	10	5
Mean	7.9	7.9	0	0	7.5	8.0	7.6	0	0	0	0	0	0	10.5	6.5	10.0	4.5
Standard Deviation	3.9	3.9	0	0	3.0	4.1	2.8	0	0	0	0	0	0	5.2	2.0	0.0	0.5
Standard Error	0.9	0.9	0	0	1.8	1.3	1.4	0	0	0	0	0	0	2.6	0.7	0.0	0.4
Median	6.2	6.2	0	0	6.3	5.6	5.5	0	0	0	0	0	0	7.0	4.9	10.0	4.0

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your soybean crop

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	5	0	0	5	0	0	0	0	4	1	0	0	1	2	0	1	1
	193*	-.**	-.**	193**	-.**	-.**	-.**	-.**	137**	56**	-.**	-.**	27**	83**	-.**	27**	56**
1-2	26 14%	0 -	0 -	26 14%	0 -	0 -	0 -	0 -	26 19%	0 -	0 -	0 -	0 -	26 32%	0 -	0 -	0 -
3-5	113 58%	0 -	0 -	113 58%	0 -	0 -	0 -	0 -	56 41%	56 100%	0 -	0 -	0 -	56 68%	0 -	0 -	56 100%
(DK/NS)	54 28%	0 -	0 -	54 28%	0 -	0 -	0 -	0 -	54 40%	0 -	0 -	0 -	27 100%	0 -	0 -	27 100%	0 -
Summary																	
Minimum (excl.0)	1	0	0	1	0	0	0	0	1	4	0	0	0	1	0	0	4
Maximum	4	0	0	4	0	0	0	0	4	4	0	0	0	4	0	0	4
Mean	3.4	0	0	3.4	0	0	0	0	3.0	4.0	0	0	0	3.0	0	0	4.0
Standard Deviation	1.2	0	0	1.2	0	0	0	0	1.4	0.0	0	0	0	1.4	0	0	0.0
Standard Error	0.7	0	0	0.7	0	0	0	0	1.0	0.0	0	0	0	1.0	0	0	0.0
Median	2.2	0	0	2.2	0	0	0	0	1.8	4.0	0	0	0	1.8	0	0	4.0

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d1_5. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your corn crop.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	12	0	1	11	0	0	0	2	6	3	0	1	2	2	3	3	2
	500*	-.**	24**	475**	-.**	-.**	-.**	113**	207**	156**	-.**	24**	113**	53**	78**	127**	130**
3-5	101 20%	0 -	0 -	101 21%	0 -	0 -	0 -	0 -	27 13%	73 47%	0 -	0 -	0 -	0 -	27 35%	0 -	73 57%
6+	321 64%	0 -	0 -	321 68%	0 -	0 -	0 -	113 100%	152 74%	56 36%	0 -	0 -	113 100%	53 100%	26 34%	73 58%	56 43%
(DK/NS)	78 16%	0 -	24 100%	53 11%	0 -	0 -	0 -	0 -	27 13%	26 17%	0 -	24 100%	0 -	0 -	24 31%	53 42%	0 -
Summary																	
Minimum (excl.0)	5	0	0	5	0	0	0	7	5	5	0	0	7	6	5	10	5
Maximum	15	0	0	15	0	0	0	15	10	15	0	0	15	10	10	10	15
Mean	9.5	0	0	9.5	0	0	0	11.0	8.7	9.3	0	0	11.0	8.0	7.5	10.0	9.3
Standard Deviation	3.8	0	0	3.8	0	0	0	4.0	2.1	5.0	0	0	4.0	2.0	2.5	0.0	5.0
Standard Error	1.3	0	0	1.3	0	0	0	2.8	0.9	3.5	0	0	2.8	1.4	1.8	0.0	3.5
Median	7.7	0	0	7.7	0	0	0	11.0	7.2	5.0	0	0	11.0	8.0	5.0	10.0	5.0

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d1_6. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield to your potato crop

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0
(DK/NS)	33*	-.**	33**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	33**	-.**	-.**	-.**	33**	-.**
	33 100%	0 -	33 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 100%	0 -	0 -	0 -	33 100%	0 -
Summary																	

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your cereal crops.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced a Decreased change Weighted	14	9	4	1	3	5	1	0	1	0	2	2	2	2	7	2	1
	1124*	975**	123**	26**	291**	501**	183**	-**	26**	-**	66**	57**	149**	133**	690**	121**	33**
3-5	529 47%	472 48%	57 47%	0 -	222 76%	66 13%	183 100%	0 -	0 -	0 -	33 50%	24 43%	116 78%	106 80%	250 36%	24 20%	33 100%
6+	536 48%	503 52%	33 27%	0 -	69 24%	435 87%	0 -	0 -	0 -	0 -	0 -	33 57%	33 22%	0 -	407 59%	96 80%	0 -
(DK/NS)	59 5%	0 -	33 27%	26 100%	0 -	0 -	0 -	0 -	26 100%	0 -	33 50%	0 -	0 -	26 20%	33 5%	0 -	0 -
Summary																	
Minimum (excl.0)	3	3	5	0	5	4	3	0	0	0	5	5	5	5	3	5	5
Maximum	15	15	10	0	10	15	3	0	0	0	5	10	10	5	15	7	5
Mean	7.4	7.4	6.8	0	6.2	9.8	3.0	0	0	0	5.0	7.9	6.1	5.0	8.3	6.6	5.0
Standard Deviation	3.7	3.8	2.4	0	2.1	3.5	0.0	0	0	0	0.0	2.5	2.1	0	4.4	0.8	0.0
Standard Error	1.1	1.3	1.4	0	1.2	1.6	0.0	0	0	0	0.0	1.8	1.5	0	1.8	0.6	0.0
Median	5.1	5.3	5.0	0	5.0	8.2	3.0	0	0	0	5.0	5.6	5.0	5.0	5.6	5.7	5.0

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d2_2. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your pulse crops.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced a Decreased change Weighted	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
	116*	116**	-.**	-.**	116**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	116**	-.**	-.**	-.**	-.**
3-5	116 100%	116 100%	0 -	0 -	116 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	116 100%	0 -	0 -	0 -	0 -
Summary																	
Minimum (excl.0)	5	5	0	0	5	0	0	0	0	0	0	0	5	0	0	0	0
Maximum	5	5	0	0	5	0	0	0	0	0	0	0	5	0	0	0	0
Mean	5.0	5.0	0	0	5.0	0	0	0	0	0	0	0	5.0	0	0	0	0
Standard Deviation	0.0	0.0	0	0	0.0	0	0	0	0	0	0	0	0.0	0	0	0	0
Standard Error	0.0	0.0	0	0	0.0	0	0	0	0	0	0	0	0.0	0	0	0	0
Median	5.0	5.0	0	0	5.0	0	0	0	0	0	0	0	5.0	0	0	0	0

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d2_3. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your canola crop.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced a Decreased change Weighted	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
	76*	76**	-.**	-.**	-.**	-.**	76**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	76**	-.**	-.**
3-5	76 100%	76 100%	0 -	0 -	0 -	0 -	76 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	76 100%	0 -	0 -
Summary																	
Minimum (excl.0)	3	3	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0
Maximum	3	3	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0
Mean	3.0	3.0	0	0	0	0	3.0	0	0	0	0	0	0	0	3.0	0	0
Standard Deviation	0.0	0.0	0	0	0	0	0.0	0	0	0	0	0	0	0	0.0	0	0
Standard Error	0.0	0.0	0	0	0	0	0.0	0	0	0	0	0	0	0	0.0	0	0
Median	3.0	3.0	0	0	0	0	3.0	0	0	0	0	0	0	0	3.0	0	0

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d2_4. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your soybean crop

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced a Decreased change Weighted	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0
	73*	-.**	-.**	73**	-.**	-.**	-.**	-.**	-.**	73**	-.**	-.**	-.**	-.**	-.**	73**	-.**
(DK/NS)	73 100%	0 -	0 -	73 100%	0 -	0 -	0 -	0 -	0 -	73 100%	0 -	0 -	0 -	0 -	0 -	73 100%	0 -
Summary																	

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65d2_5. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using minimum tillage. Change in yield in your corn crop.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced a Decreased change Weighted	4	0	0	4	0	0	0	1	1	2	0	0	0	0	1	2	1
	207*	-.**	-.**	207**	-.**	-.**	-.**	27**	80**	100**	-.**	-.**	-.**	-.**	27**	153**	27**
1-2	80 38%	0 -	0 -	80 38%	0 -	0 -	0 -	0 -	80 100%	0 -	0 -	0 -	0 -	0 -	0 -	80 52%	0 -
6+	27 13%	0 -	0 -	27 13%	0 -	0 -	0 -	0 -	0 -	27 27%	0 -	0 -	0 -	0 -	0 -	0 -	27 100%
(DK/NS)	100 48%	0 -	0 -	100 48%	0 -	0 -	0 -	27 100%	0 -	73 73%	0 -	0 -	0 -	0 -	27 100%	73 48%	0 -
Summary																	
Minimum (excl.0)	1	0	0	1	0	0	0	0	1	6	0	0	0	0	0	1	6
Maximum	6	0	0	6	0	0	0	0	1	6	0	0	0	0	0	1	6
Mean	2.3	0	0	2.3	0	0	0	0	1.0	6.0	0	0	0	0	0	1.0	6.0
Standard Deviation	2.2	0	0	2.2	0	0	0	0	0.0	0.0	0	0	0	0	0	0.0	0.0
Standard Error	1.5	0	0	1.5	0	0	0	0	0.0	0.0	0	0	0	0	0	0.0	0.0
Median	1.0	0	0	1.0	0	0	0	0	1.0	6.0	0	0	0	0	0	1.0	6.0

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65e. Have you noticed a change in operating costs such as fuel, or equipment wear from using minimum tillage?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
Yes	12688 81%	9033 80%	696 82%	2960 85%	3656 79%	3932 80%	1444 84%	797 81%	1362 86%	800 89%	303 75%	393 87%	2244 76%	2386 77%	4795 86%	2158 89%	852 84%
No	2231 14%	1643 15%	156 18%	433 12%	687 15%	677 14%	279 16%	109 11%	225 14%	99 11%	98 25%	57 13%	365 12%	598 19%	664 12%	189 8%	166 16%
(DK/NS)	701 4%	628 6%	0 -	73 2%	304 7%	323 7%	0 -	73 7%	0 -	0 -	0 -	0 -	325 11%	121 4%	92 2%	73 3%	0 -

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65f. Would this change be an increase or decrease?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have noticed a change in operating costs	195	103	23	69	45	42	16	20	32	17	10	13	35	32	67	38	19
Weighted	12688	9033*	696**	2960*	3656*	3932**	1444**	797**	1362**	800**	303**	393**	2244**	2386**	4795*	2158**	852**
Increase	1483 12%	1085 12%	90 13%	308 10%	546 15%	495 13%	44 3%	120 15%	161 12%	26 3%	33 11%	57 15%	353 16%	85 4%	816 17%	85 4%	63 7%
Decrease	11103 88%	7872 87%	606 87%	2626 89%	3111 85%	3436 87%	1324 92%	677 85%	1201 88%	748 93%	270 89%	336 85%	1891 84%	2301 96%	3903 81%	2046 95%	790 93%
(DK/NS)	102 1%	76 1%	0 -	26 1%	0 -	0 -	76 5%	0 -	0 -	26 3%	0 -	0 -	0 -	0 -	76 2%	26 1%	0 -

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65g. Please tell me approximately how much of an INCREASE in operating costs, in dollars per acre you have seen as a result of using minimum tillage.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned there was an Increase	24	12	3	9	6	5	1	3	5	1	1	2	4	3	11	3	2
Weighted	1483*	1085**	90**	308**	546**	495**	44**	120**	161**	26**	33**	57**	353**	85**	816**	85**	63**
5 or less	186 13%	116 11%	33 36%	37 12%	0 -	116 23%	0 -	37 31%	0 -	0 -	0 -	33 57%	0 -	0 -	153 19%	33 38%	0 -
6 - 10	128 9%	128 12%	0 -	0 -	0 -	84 17%	44 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	84 10%	0 -	44 70%
11 - 20	213 14%	81 7%	0 -	131 43%	81 15%	0 -	0 -	26 22%	79 49%	26 100%	0 -	0 -	26 7%	26 31%	107 13%	53 62%	0 -
21 - 50	107 7%	0 -	24 27%	83 27%	0 -	0 -	0 -	0 -	83 51%	0 -	0 -	24 43%	0 -	26 31%	81 10%	0 -	0 -
(DK/NS)	849 57%	760 70%	33 36%	56 18%	465 85%	295 60%	0 -	56 47%	0 -	0 -	33 100%	0 -	327 93%	33 38%	390 48%	0 -	19 30%
Summary																	
Minimum (excl.0)	2	2	5	5	20	2	7	5	20	15	0	5	20	20	2	5	7
Maximum	50	20	25	50	20	8	7	20	50	15	0	25	20	50	50	20	7
Mean	16.5	8.7	13.5	27.1	20.0	4.5	7.0	11.2	35.3	15.0	0	13.5	20.0	35.0	15.7	12.7	7.0
Standard Deviation	14.9	7.0	10.0	16.8	0	3.0	0.0	7.4	15.0	0.0	0	10.0	0	15.1	15.5	6.4	0.0
Standard Error	4.0	3.5	7.1	5.9	0	2.1	0.0	5.3	6.7	0.0	0	7.1	0	10.7	5.8	3.7	0.0
Median	8.7	7.0	5.0	18.0	20.0	2.0	7.0	5.0	20.7	15.0	0	5.0	20.0	35.0	7.1	8.8	7.0

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65g1. Please tell me approximately how much of a DECREASE in operating costs, in dollars per acre you have seen as a result of using minimum tillage.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned there was a Decrease	169	90	20	59	39	37	14	17	27	15	9	11	31	29	55	34	17
Weighted	11103	7872*	606**	2626*	3111*	3436**	1324**	677**	1201**	748**	270**	336**	1891**	2301**	3903*	2046**	790**
5 or less	2741 25%	2446 31% C	49 8%	246 9%	981 32%	1059 31%	406 31%	108 16%	137 11%	0 -	24 9%	24 7%	660 35%	880 38%	669 17%	462 23%	70 9%
6 - 10	3209 29%	2207 28%	156 26%	846 32%	1090 35%	970 28%	147 11%	195 29%	284 24%	367 49%	33 12%	123 37%	375 20%	624 27%	1272 33%	751 37%	186 24%
11 - 20	1857 17%	1148 15%	98 16%	610 23%	366 12%	672 20%	110 8%	111 16%	317 26%	182 24%	33 12%	66 20%	219 12%	208 9%	900 23%	239 12%	290 37%
21 - 50	2019 18%	1330 17%	221 37%	467 18%	230 7%	529 15%	571 43%	158 23%	210 17%	99 13%	123 45%	98 29%	278 15%	363 16%	747 19%	484 24%	101 13%
51+	111 1%	0 -	33 5%	78 3%	0 -	0 -	0 -	52 8%	26 2%	0 -	33 12%	0 -	33 2%	26 1%	0 -	0 -	52 7%
(DK/NS)	1167 11%	741 9%	49 8%	377 14%	444 14%	206 6%	90 7%	53 8%	226 19%	99 13%	24 9%	24 7%	326 17%	199 9%	314 8%	110 5%	90 11%
Summary																	
Minimum (excl.0)	1	1	4	2	1	2	2	2	2	8	5	4	2	2	1	2	5
Maximum	70	45	70	70	45	40	30	70	70	50	70	50	70	70	50	50	70
Mean	14.7	12.6	25.9	18.7 A	10.7	12.6	16.5	21.4	17.8	17.6	33.5	20.0	12.8	13.9	14.5	14.5	21.9
Standard Deviation	12.7	10.2	19.0	15.3	9.0	10.2	11.7	18.9	14.2	12.5	21.0	14.7	13.7	13.9	9.6	12.5	18.0
Standard Error	1.1	1.2	4.5	2.2	1.6	1.8	3.2	4.9	3.0	3.5	7.4	4.6	2.8	2.8	1.4	2.2	4.5
Median	9.3	8.8	17.5	11.6	8.3	9.0	15.3	11.4	12.5	10.0	25.0	11.3	8.6	8.3	9.7	9.3	14.9

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q65eh. Do you expect to get payments for carbon sequestration or carbon credits under the Kyoto protocol because you are using minimum tillage?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
Yes	4349 28%	3582 32%	114 13%	653 19%	1145 25%	1784 36%	652 38%	73 7%	298 19%	282 31%	57 14%	57 13%	579 20%	718 23%	2072 37%	628 26%	262 26%
No	9678 62%	6586 58%	737 87%	2354 68%	2999 65%	2707 55%	880 51%	833 85%	1011 64%	510 57%	344 86%	393 87%	2172 74%	2054 66%	2881 52%	1501 62%	700 69%
(DK/NS)	1594 10%	1135 10%	0 -	459 13%	503 11%	441 9%	191 11%	73 7%	278 18%	108 12%	0 -	0 -	183 6%	333 11%	597 11%	291 12%	56 6%

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q66. Factoring in all costs and dollar benefits, but not including any government incentives that you might receive, do you feel that using minimum tillage results in an economic net gain, a net loss, or no change to your farm?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
Net gain	9253 59%	6907 61%	589 69%	1756 51%	2436 52%	3160 64%	1311 76%	469 48%	712 45%	576 64%	270 67%	319 71%	1362 46%	1557 50%	3583 65%	1735 72%	740 73%
Net loss	374 2%	158 1%	33 4%	183 5%	0 -	158 3%	0 -	53 5%	58 4%	73 8%	33 8%	0 -	31 1%	53 2%	101 2%	73 3%	26 3%
No change	5458 35%	3776 33%	230 27%	1453 42%	2070 45%	1293 26%	412 24%	385 39%	817 52%	251 28%	98 25%	131 29%	1309 45%	1444 47%	1775 32%	539 22%	252 25%
(DK/NS)	535 3%	462 4%	0 -	73 2%	141 3%	320 6%	0 -	73 7%	0 -	0 -	0 -	0 -	232 8%	51 2%	92 2%	73 3%	0 -

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q67. Have you received any financial incentive from the government for using minimum tillage?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
Yes	81 1%	0 -	24 3%	56 2%	0 -	0 -	0 -	0 -	0 -	56 6%	0 -	24 5%	0 -	0 -	0 -	24 1%	56 6%
No	15187 97%	10951 97%	827 97%	3409 98%	4596 99%	4699 95%	1655 96%	980 100%	1587 100%	843 94%	401 100%	426 95%	2793 95%	3054 98%	5458 98%	2396 99%	962 94%
(DK/NS)	353 2%	353 3%	0 -	0 -	51 1%	233 5%	68 4%	0 -	0 -	0 -	0 -	0 -	141 5%	51 2%	92 2%	0 -	0 -

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q68. How important do you feel it is for the government to provide financial incentives or grants to growers for using minimum tillage?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Conservation Tillage/ Minimum Tillage Weighted	236	129	28	79	56	52	21	24	36	19	13	15	44	42	75	43	23
	15621	11303*	852**	3466*	4648*	4932*	1723**	980**	1587**	899**	401**	450**	2934**	3105**	5550*	2420*	1018**
Very important	4368 28%	2985 26%	221 26%	1161 33%	1331 29%	1199 24%	455 26%	271 28%	404 25%	485 54%	98 25%	123 27%	629 21%	1257 40%	1408 25%	699 29%	206 20%
Somewhat important	5773 37%	4103 36%	442 52%	1228 35%	1577 34%	1477 30%	1049 61%	402 41%	572 36%	254 28%	237 59%	205 45%	1328 45%	602 19%	2019 36%	1192 49%	408 40%
Not very important	2960 19%	2174 19%	156 18%	631 18%	964 21%	1101 22%	109 6%	140 14%	357 23%	134 15%	33 8%	123 27%	453 15%	1001 32%	1020 18%	270 11%	216 21%
Not at all important	2206 14%	1727 15%	33 4%	446 13%	776 17%	841 17%	110 6%	166 17%	253 16%	26 3%	33 8%	0 -	383 13%	245 8%	1011 18%	259 11%	188 18%
(DK/NS)	314 2%	314 3%	0 -	0 -	0 -	314 6%	0 -	0 -	0 -	0 -	0 -	0 -	141 5%	0 -	92 2%	0 -	0 -
Summary																	
Top2box (Important)	10141 65%	7088 63%	663 78%	2389 69%	2908 63%	2676 54%	1505 87%	674 69%	976 62%	739 82%	336 84%	327 73%	1956 67%	1859 60%	3428 62%	1892 78%	614 60%
Low2box (Not Important)	5166 33%	3901 35%	189 22%	1077 31%	1740 37%	1942 39%	219 13%	306 31%	611 38%	160 18%	66 16%	123 27%	836 29%	1246 40%	2031 37%	528 22%	404 40%

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q69. How much per acre do you currently receive in government incentives for using minimum tillage?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive from gov't	2	0	1	1	0	0	0	0	0	1	0	1	0	0	0	1	1
Weighted	81*	-.**	24**	56**	-.**	-.**	-.**	-.**	-.**	56**	-.**	24**	-.**	-.**	-.**	24**	56**
(DK/NS)	81	0	24	56	0	0	0	0	0	56	0	24	0	0	0	24	56
	100%	-	100%	100%	-	-	-	-	-	100%	-	100%	-	-	-	100%	100%
Summary																	

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q70. Do you feel that the financial incentive that you receive from the government is adequate?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive from gov't	2	0	1	1	0	0	0	0	0	1	0	1	0	0	0	1	1
Weighted	81*	-**	24**	56**	-**	-**	-**	-**	-**	56**	-**	24**	-**	-**	-**	24**	56**
No	24 30%	0 -	24 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 100%	0 -	0 -	0 -	24 100%	0 -
(DK/NS)	56 70%	0 -	0 -	56 100%	0 -	0 -	0 -	0 -	0 -	56 100%	0 -	0 -	0 -	0 -	0 -	0 -	56 100%

SECTION G: CONSERVATION TILLAGE/ MINIMUM TILLAGE

q71. What percentage of your total costs to use minimum tillage do you think should be covered by the government?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Important for gov't to provide financial incentives	156	79	22	55	34	28	17	17	24	14	11	11	29	30	44	33	14
Weighted	10141	7088*	663**	2389*	2908**	2676**	1505**	674**	976**	739**	336**	327**	1956**	1859**	3428**	1892**	614**
NONE	851 8%	851 12% C	0 -	0 -	537 18%	271 10%	44 3%	0 -	0 -	0 -	0 -	0 -	318 16%	0 -	284 8%	113 6%	0 -
1% to 25%	4022 40%	2972 42%	205 31%	845 35%	927 32%	1033 39%	1012 67%	268 40%	179 18%	399 54%	131 39%	73 22%	477 24%	768 41%	1613 47%	1000 53%	164 27%
26% to 50%	3307 33%	1736 24%	434 65%	1137 48% A	793 27%	794 30%	149 10%	162 24%	661 68%	314 42%	180 54%	254 78%	632 32%	771 41%	979 29%	461 24%	337 55%
51% to 99%	689 7%	502 7%	0 -	187 8%	261 9%	196 7%	44 3%	88 13%	73 8%	26 4%	0 -	0 -	268 14%	270 14%	0 -	107 6%	44 7%
100%	457 5%	400 6%	0 -	56 2%	57 2%	225 8%	118 8%	56 8%	0 -	0 -	0 -	0 -	0 -	0 -	415 12%	0 -	0 -
(DK/NS)	814 8%	626 9%	24 4%	163 7%	333 11%	156 6%	138 9%	100 15%	64 7%	0 -	24 7%	0 -	261 13%	51 3%	137 4%	211 11%	68 11%
Summary																	
Minimum (excl.0)	5	10	5	10	10	15	10	15	10	10	10	5	10	10	5	5	10
Maximum	100	100	50	100	100	100	100	100	75	75	50	50	75	75	100	75	80
Mean (incl.0)	35	33	34	41	32	37	29	45	45	32	32	36	34	41	36	29	37
Mean (excl.0)	39	38	34	41	40	41	30	45	45	32	32	36	42	41	40	31	37
Standard Deviation	23	25	17	19	22	26	26	25	15	14	16	18	21	19	27	19	19
Standard Error	2	3	4	3	4	5	7	6	3	4	5	5	4	4	4	3	5

SECTION H: NO-TILLAGE/DIRECT SEEDING

q73. You mentioned earlier that you use no-till, which could also include direct seeding, on your farm. For the purpose of these next questions, I will refer to this practice as no-till. For how many years have you been practicing no-till on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
5 or less	12276 37%	8574 38%	123 25%	3579 36%	3155 44%	2230 35%	3189 35%	1024 48%	1366 43%	1189 26%	66 29%	57 21%	1485 39%	1144 24%	4765 44%	2691 38%	1685 33%
6 to 10	12067 37%	8620 38%	164 33%	3283 33%	2978 42%	2354 37%	3288 36%	579 27%	1036 33%	1669 37%	66 29%	98 36%	1500 39%	2583 54%	3012 28%	2425 35%	1521 30%
11 to 20	7033 21%	4282 19%	123 25%	2628 27%	510 7%	1462 23%	2309 25%	467 22%	582 18%	1579 35%	66 29%	57 21%	412 11%	838 18%	2386 22%	1715 24%	1526 30%
21+	1280 4%	976 4%	66 13%	238 2%	273 4%	277 4%	426 5%	25 1%	101 3%	113 2%	33 14%	33 12%	234 6%	118 2%	550 5%	141 2%	236 5%
(DK/NS)	378 1%	224 1%	24 5%	130 1%	224 3%	0 -	0 -	56 3%	73 2%	0 -	0 -	24 9%	181 5%	73 2%	0 -	44 1%	81 2%
Summary																	
Minimum (excl.0)	1	1	3	1	1	1	1	1	1	1	5	3	1	1	1	1	1
Maximum	56	50	50	56	35	25	50	25	56	26	30	50	30	56	50	30	50
Mean	9.0	8.7	13.3	9.3	7.7	8.8	9.5	7.8	9.1	10.2 G	12.7	13.9	8.3	9.5	9.1	8.2	10.3
Standard Deviation	6.7	6.3	12.2	7.3	5.8	6.1	6.7	5.7	9.8	5.6	8.7	14.8	6.1	7.5	7.2	5.3	7.8
Standard Error	0.3	0.4	3.2	0.5	0.7	0.7	0.6	0.8	1.3	0.6	3.3	5.2	0.9	1.0	0.6	0.5	0.8
Median	7.4	7.3	7.0	7.6	6.4	6.8	7.7	5.2	6.4	8.8	8.0	6.0	6.9	8.2	5.7	7.4	9.1

SECTION H: NO-TILLAGE/DIRECT SEEDING

q74. On how many of the ... acres that you mentioned you have in annual crops do you use no-till?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
1 to 79	4873 15%	617 3%	213 43%	4043 41%	466 7%	81 1%	70 1%	1783 83%	1604 51%	657 14%	131 57%	82 30%	798 21%	665 14%	1538 14%	1126 16%	538 11%
80 to 159	3190 10%	818 4%	131 26%	2240 23%	576 8%	242 4%	0 -	222 10%	1100 35%	918 20%	98 43%	33 12%	488 13%	687 14%	791 7%	831 12%	329 7%
160 to 319	4258 13%	2546 11%	98 20%	1614 16%	1157 16%	1188 19%	201 2%	0 -	455 14%	1159 25%	0 -	98 36%	376 10%	507 11%	1478 14%	1227 17%	614 12%
320 to 639	6767 20%	5759 25%	33 7%	975 10%	4512 63%	821 13%	426 5%	0 -	0 -	975 21%	0 -	33 12%	900 24%	1479 31%	1917 18%	1068 15%	614 12%
640 to 959	3667 11%	3298 15%	0 -	369 4%	158 2%	2486 39%	654 7%	0 -	0 -	369 8%	0 -	0 -	647 17%	510 11%	1509 14%	702 10%	242 5%
960 to 1279	2314 7%	2111 9%	0 -	203 2%	0 -	1460 23%	651 7%	0 -	0 -	203 4%	0 -	0 -	0 -	196 4%	1560 15%	267 4%	233 5%
1280 to 1599	1696 5%	1510 7%	0 -	186 2%	0 -	0 -	1510 16%	0 -	0 -	186 4%	0 -	0 -	413 11%	415 9%	209 2%	321 5%	254 5%
1600 to 1919	631 2%	631 3%	0 -	0 -	0 -	0 -	631 7%	0 -	0 -	0 -	0 -	0 -	0 -	116 2%	216 2%	242 3%	0 -
1920+	5084 15%	5001 22%	0 -	83 1%	0 -	0 -	5001 54%	0 -	0 -	83 2%	0 -	0 -	116 3%	0 -	1377 13%	1189 17%	2132 42%
(DK/NS)	555 2%	384 2%	24 5%	146 1%	270 4%	45 1%	69 1%	146 7%	0 -	0 -	0 -	24 9%	73 2%	181 4%	118 1%	44 1%	93 2%
Summary																	
Minimum (excl.0)	1	1	2	1	1	40	25	1	1	1	2	30	1	1	1	1	2
Maximum	20000	20000 C	350	2600	640	1260	20000	150	300	2600 GH	150	350	5200 MNO	1760	4500	4600 MN	20000
Total	31754446	29532552	55258	2166638	2433231	4316289	22783032	87091	290320	1789227	14015	41243	2282023	2169228	8352095	6265244	11342059
Mean (incl.0)	978	1325 C	116	223	354	688 D	2492 DE	43	92 G	393 GH	61	168	611	474	788 M	899 M	2289 LMNO
Mean (excl.0)	978	1325 C	116	223	354	688 D	2492 DE	43	92 G	393 GH	61	168	611	474	788 M	899 M	2289 LMNO
Standard Deviation (excl.0)	1532	1728	103	339	167	330	2199	27	66	432	57	108	933	437	778	1115	3024
Standard Error (excl.0)	72	110	26	25	20	39	211	4	9	47	22	38	138	59	66	107	326
Median (excl.0)	455	793	78	95	350	794	1926 D	35	73	231	17	126	342	322	570	369	961 NO

SECTION H: NO-TILLAGE/DIRECT SEEDING

q74acre. Percentage of acres being treated using No-Tillage/ Direct Seeding.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	453	249	16	188	67	72	110	47	59	82	7	9	44	54	139	108	88
	32787	22543	500**	9743	7008*	6323*	9212*	2152*	3131*	4461*	230**	270**	3691*	4714*	10656*	6989*	5049*
1% to 25%	5737 17%	2167 10%	180 36%	3390 35% A	679 10%	948 15%	540 6%	741 34%	1088 35%	1561 35%	131 57%	49 18%	399 11%	990 21%	1910 18%	1361 19%	887 18%
26% to 50%	7086 22%	3511 16%	98 20%	3477 36% A	1264 18%	1250 20%	997 11%	912 42%	1263 40%	1301 29%	0 -	98 36%	1149 31%	648 14%	2076 19%	1827 26%	1177 23%
51% to 99%	4843 15%	2827 13%	98 20%	1917 20%	745 11%	632 10%	1451 16%	296 14%	494 16%	1128 25%	66 29%	33 12%	402 11%	253 5%	1885 18%	1099 16%	791 16%
100%	14566 44%	13654 61% C	98 20%	813 8%	4050 58%	3448 55%	6156 67%	56 3%	286 9%	471 11%	33 14%	66 24%	1668 45%	2642 56%	4667 44%	2658 38%	2100 42%
(DK/NS)	555 2%	384 2%	24 5%	146 2%	270 4%	45 1%	69 1%	146 7% I	0 -	0 -	0 -	24 9%	73 2%	181 4%	118 1%	44 1%	93 2%
Summary																	
Minimum (excl.0)	1	1	1	1	5	5	1	1	4	1	1	4	12	5	1	7	1
Maximum	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean (incl.0)	68	80 C	52	42	79	73	85 E	37	39	46	46	58	68	72	68	64	67
Mean (excl.0)	68	80 C	52	42	79	73	85 E	37	39	46	46	58	68	72	68	64	67
Standard Deviation	34	30	35	27	30	34	26	19	27	29	37	33	32	35	34	34	34
Standard Error	2	2	9	2	4	4	2	3	4	3	14	12	5	5	3	3	4

SECTION H: NO-TILLAGE/DIRECT SEEDING

q75. Do you plan to increase, decrease or keep the same number of acres of no-till on your farm over the next one to three years?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
Increase	5672 17%	3779 17%	66 13%	1827 19%	1319 18%	1333 21%	1127 12%	293 14%	686 22%	848 19%	33 14%	33 12%	320 8%	1024 22%	1525 14%	1441 21%	1209 24%
Decrease	3902 12%	3420 15%	98 20%	383 4%	648 9%	1471 23%	1301 14%	156 7%	98 3%	129 3%	66 29%	33 12%	419 11%	668 14%	1903 18%	518 7%	193 4%
Remain the same	22730 69%	14901 66%	311 62%	7518 76% A	4735 66%	3451 55%	6715 73% E	1703 79%	2317 73%	3498 77%	131 57%	180 67%	3071 81%	2743 58%	7229 67%	4868 69%	3552 70%
(DK/NS)	729 2%	575 3%	24 5%	130 1%	438 6%	68 1%	70 1%	0 -	56 2%	73 2%	0 -	24 9%	0 -	322 7% N	56 1%	189 3%	94 2%

SECTION H: NO-TILLAGE/DIRECT SEEDING

q76. What is the main reason why you chose to use no-till on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
To conserve moisture	4522 14%	4448 20% C	0 -	73 1%	1143 16%	925 15%	2381 26%	0 -	0 -	73 2%	0 -	0 -	406 11%	433 9%	1921 18%	772 11%	647 13%
Concerns about soil quality/erosion	9322 28%	7431 33% C	24 5%	1867 19%	2256 32%	2007 32%	3168 34%	403 19%	537 17%	927 20%	0 -	24 9%	1414 37% O	1997 42% O	3405 32% O	977 14%	1253 25%
To save fuel and labor	7193 22%	4223 19%	66 13%	2904 29% A	1360 19%	1434 23%	1429 16%	688 32%	822 26%	1394 31%	33 14%	33 12%	423 11%	1157 24%	2080 19%	1768 25%	1347 27%
Reduce equipment costs and/or maintenance	5687 17%	3264 14%	98 20%	2324 24% A	1120 16%	966 15%	1179 13%	251 12%	960 30% G	1114 24%	33 14%	66 24%	579 15%	630 13%	1163 11%	2095 30% N	906 18%
Convenience (unspecified)	453 1%	138 1%	0 -	316 3% A	138 2%	0 -	0 -	130 6%	130 4%	56 1%	0 -	0 -	138 4%	0 -	147 1%	113 2%	56 1%
Improve crop yield	223 1%	68 0	0 -	156 2%	68 1%	0 -	0 -	129 6%	0 -	26 1%	0 -	0 -	56 1%	0 -	167 2%	0 -	0 -
More cost effective	2073 6%	1097 5%	66 13%	910 9%	218 3%	188 3%	691 8%	167 8%	172 5%	571 13%	66 29%	0 -	146 4%	268 6%	779 7%	313 4%	348 7%
Concerns about the environment	301 1%	133 1%	0 -	168 2%	0 -	42 1%	92 1%	25 1%	70 2%	73 2%	0 -	0 -	0 -	42 1%	68 1%	119 2%	73 1%
Saves time	846 3%	167 1%	0 -	679 7% A	116 2%	51 1%	0 -	285 13% I	237 8%	157 3%	0 -	0 -	113 3%	25 1%	134 1%	476 7%	99 2%
Reduce fuel costs	44 0	44 0	0 -	0 -	0 -	0 -	44 0	0 -	0 -	0 -	0 -	0 -	0 -	0 -	44 0	0 -	0 -
Easier on the land	42 0	42 0	0 -	0 -	42 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	42 0	0 -	0 -
I have the right equipment	19 0	19 0	0 -	0 -	19 0	0 -	0 -	0 -	0 -	0 -	0 -	0 -	19 0	0 -	0 -	0 -	0 -
Other	2334 7%	1603 7%	197 39%	535 5%	662 9%	712 11% F	229 2%	73 3%	232 7%	230 5%	98 43%	98 36%	517 14%	206 4%	739 7%	384 5%	367 7%
No reason	56 0	0 -	0 -	56 1%	0 -	0 -	0 -	0 -	0 -	56 1%	0 -	0 -	0 -	0 -	0 -	56 1%	0 -
(DK/NS)	49 0	0 -	49 10%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	49 18%	0 -	0 -	24 0	0 -	24 0

SECTION H: NO-TILLAGE/DIRECT SEEDING

q77a. Thinking about the changes in equipment required, did it cost you money or did you save money when you switched to no-till factoring in any costs for trading in equipment as well as purchasing new equipment.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
Cost money	18264 55%	13133 58%	164 33%	4967 50%	3007 42%	3923 62%	6203 67%	610 28%	1366 43%	2991 66%	98 43%	66 24%	2137 56%	2042 43%	6622 62%	4023 57%	2642 52%
Saved money	8478 26%	5111 23%	123 25%	3244 33%	2007 28%	1323 21%	1781 19%	1058 49%	1117 35%	1069 24%	98 43%	24 9%	1065 28%	1684 35%	2689 25%	1535 22%	1176 23%
Neither cost nor saved money	4878 15%	3709 16%	156 31%	1013 10%	1591 22%	971 15%	1147 12%	298 14%	503 16%	212 5%	33 14%	123 45%	225 6%	789 17%	1098 10%	1057 15%	1148 23%
(DK/NS)	1414 4%	723 3%	57 11%	634 6%	535 7%	106 2%	81 1%	186 9%	172 5%	276 6%	0 -	57 21%	384 10%	242 5%	304 3%	401 6%	82 2%

SECTION H: NO-TILLAGE/DIRECT SEEDING

q77b. What would be the approximate amount that you SPENT switching to no- till? Please give your answer in dollars based on your best estimate.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Spent money	233	140	5	88	29	42	69	11	24	53	3	2	24	21	79	55	45
Weighted	18264	13133*	164**	4967*	3007**	3923**	6203*	610**	1366**	2991*	98**	66**	2137**	2042**	6622*	4023*	2642*
1000 or less	1344 7%	756 6%	0 -	588 12%	194 6%	238 6%	324 5%	203 33%	228 17%	157 5%	0 -	0 -	434 20%	98 5%	581 9%	157 4%	73 3%
1001 to 10,000	2855 16%	1917 15%	33 20%	905 18%	587 20%	865 22%	466 8%	268 44%	169 12%	468 16%	33 33%	0 -	561 26%	585 29%	828 13%	462 11%	419 16%
10,001 to 50,000	7657 42%	4786 36%	131 80%	2739 55% A	1620 54%	1557 40%	1610 26%	83 14%	804 59%	1853 62%	66 67%	66 100%	742 35%	962 47%	2954 45%	2020 50%	866 33%
50,001 to 100,000	3781 21%	3328 25% C	0 -	453 9%	355 12%	795 20%	2177 35%	0 -	109 8%	344 12%	0 -	0 -	138 6%	116 6%	1222 18%	1097 27%	798 30%
100,001+	2070 11%	2013 15% C	0 -	56 1%	0 -	468 12%	1546 25%	0 -	0 -	56 2%	0 -	0 -	116 5%	280 14%	898 14%	288 7%	430 16%
(DK/NS)	557 3%	332 3%	0 -	225 5%	251 8%	0 -	81 1%	56 9%	56 4%	113 4%	0 -	0 -	146 7%	0 -	138 2%	0 -	56 2%
Summary																	
Mean	51722.1	60600.6 C	29099.2	28536.5	25659.7	49695.5	83316.1	5352.6	28746.1	32900.6	21836.2	40000.0	28684.8	38945.2	54000.1	48512.6	72310.9 O
Standard Deviation	50677.1	54876.3	19150.4	26076.9	22123.9	49979.9	57744.2	6083.5	24936.4	26607.4	20322.6	10077.1	47455.0	45186.0	52233.2	38769.6	59593.8
Standard Error	3371.0	4688.4	8564.3	2845.2	4257.7	7712.1	7002.5	1923.8	5199.6	3725.8	11733.3	7125.6	10117.4	9860.4	5952.5	5227.7	8984.1
Median	35759.1	45236.2	21000.0	20518.4	15820.7	34276.2	72323.9	2243.0	24766.4	27413.8	7750.0	40000.0	10021.5	13360.6	36385.4	40941.0	49422.3

SECTION H: NO-TILLAGE/DIRECT SEEDING

q77b1. What would be the approximate amount that you SAVED switching to no- till? Please give your answer in dollars based on your best estimate.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Saved money	133	59	4	70	19	17	23	25	22	23	3	1	14	21	39	30	23
Weighted	8478*	5111*	123**	3244*	2007**	1323**	1781**	1058**	1117**	1069**	98**	24**	1065**	1684**	2689**	1535**	1176**
1000 or less	1894 22%	662 13%	57 47%	1174 36%	0 -	237 18%	426 24%	520 49%	382 34%	272 25%	33 33%	24 100%	404 38%	242 14%	581 22%	394 26%	215 18%
1001 to 10,000	1999 24%	997 19%	33 27%	969 30%	313 16%	433 33%	250 14%	221 21%	375 34%	373 35%	33 33%	0 -	284 27%	312 19%	671 25%	462 30%	187 16%
10,001 to 50,000	1281 15%	1224 24%	0 -	56 2%	134 7%	391 30%	699 39%	56 5%	0 -	0 -	0 -	0 -	0 -	374 22%	471 18%	88 6%	347 29%
50,001 to 100,000	233 3%	150 3%	0 -	83 3%	0 -	84 6%	66 4%	0 -	0 -	83 8%	0 -	0 -	0 -	0 -	140 5%	0 -	93 8%
100,001+	130 2%	0 -	0 -	130 4%	0 -	0 -	0 -	0 -	0 -	130 12%	0 -	0 -	0 -	0 -	0 -	73 5%	56 5%
(DK/NS)	2942 35%	2077 41%	33 27%	832 26%	1560 78%	177 13%	340 19%	260 25%	360 32%	212 20%	33 33%	0 -	377 35%	757 45%	824 31%	517 34%	278 24%
Summary																	
Mean	16337.5	18100.6	937.5	14695.1	8067.1	18112.8	21201.9	3527.8	2082.2	36224.8	1100.4	500.0	1896.6	13006.6	15111.0	12764.6	39584.2
Standard Deviation	30965.1	22767.7	817.9	39160.9	7877.3	22968.2	24742.8	7605.2	2398.0	59483.8	906.9	0.1	3086.9	16253.3	23638.5	30374.3	51670.0
Standard Error	3160.4	3599.9	472.2	5379.2	2785.1	6138.5	5831.9	1792.6	599.5	13646.5	641.3	0.1	1029.0	4343.9	4245.6	6475.8	12531.8
Median	3578.5	8171.4	350.2	1086.4	3201.1	4653.0	11429.0	508.4	981.7	5384.9	200.8	500.0	18.2	3801.1	4372.2	2282.5	16906.9

SECTION H: NO-TILLAGE/DIRECT SEEDING

q77b. Cost per Total Acre used for No-Tillage/Direct Seeding

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Spent money when switched	233	140	5	88	29	42	69	11	24	53	3	2	24	21	79	55	45
Weighted	18264	13133*	164**	4967*	3007**	3923**	6203*	610**	1366**	2991*	98**	66**	2137**	2042**	6622*	4023*	2642*
Less than 1	1203 7%	843 6%	0 -	360 7%	194 6%	238 6%	411 7%	0 -	203 15%	157 5%	0 -	0 -	361 17%	73 4%	508 8%	101 2%	161 6%
1 to 10	2539 14%	1899 14%	0 -	639 13%	88 3%	865 22%	946 15%	203 33%	25 2%	411 14%	0 -	0 -	235 11%	196 10%	1035 16%	540 13%	533 20%
11 to 20	1948 11%	1736 13%	0 -	212 4%	245 8%	365 9%	1125 18%	0 -	56 4%	156 5%	0 -	0 -	291 14%	245 12%	501 8%	542 13%	369 14%
21 to 50	6286 34%	4930 38%	33 20%	1323 27%	1349 45%	1288 33%	2293 37%	186 30%	186 14%	951 32%	33 33%	0 -	896 42%	631 31%	2261 34%	1502 37%	670 25%
51+	5731 31%	3392 26%	131 80%	2208 44%	879 29%	1167 30%	1346 22%	165 27%	840 61%	1203 40%	66 67%	66 100%	208 10%	896 44%	2180 33%	1338 33%	854 32%
(DK/NS)	557 3%	332 3%	0 -	225 5%	251 8%	0 -	81 1%	56 9%	56 4%	113 4%	0 -	0 -	146 7%	0 -	138 2%	0 -	56 2%
Summary																	
Minimum (excl.0)	1	1	43	1	5	2	1	3	1	4	43	66	4	1	2	1	3
Maximum	333	210	333	333	160	210	153	160	333	111	333	187	156	185	333	333	210
Mean	54.7	48.1	154.0	68.9 A	58.0	54.4	39.7	49.0	135.5	45.9	172.3	126.5	41.0	60.4	61.6	54.1	41.2
Standard Deviation	52.6	42.8	103.6	65.9	40.9	51.5	35.1	50.0	90.0	27.9	121.1	61.0	39.7	46.5	59.4	54.2	39.1
Standard Error	3.6	3.8	46.4	7.5	8.4	8.1	4.4	15.8	20.1	4.0	69.9	43.1	8.9	10.4	7.1	7.4	6.0
Median	37.9	32.7	103.5	51.3	42.5	39.6	29.0	26.4	120.2	42.8	92.0	126.5	22.6	41.6	37.4	39.5	24.7

SECTION H: NO-TILLAGE/DIRECT SEEDING

q77b. Saved per Total Acre used for No-Tillage/Direct Seeding

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Saved money when switched	133	59	4	70	19	17	23	25	22	23	3	1	14	21	39	30	23
Weighted	8478*	5111*	123**	3244*	2007**	1323**	1781**	1058**	1117**	1069**	98**	24**	1065**	1684**	2689**	1535**	1176**
Less than 1	1226 14%	662 13%	0 -	564 17%	0 -	237 18%	426 24%	208 20%	167 15%	188 18%	0 -	0 -	404 38%	144 9%	253 9%	228 15%	140 12%
1 to 10	2199 26%	1331 26%	57 47%	810 25%	313 16%	477 36%	542 30%	269 25%	352 32%	189 18%	33 33%	24 100%	81 8%	410 24%	982 37%	429 28%	298 25%
11 to 20	945 11%	529 10%	0 -	415 13%	0 -	181 14%	349 20%	111 11%	165 15%	139 13%	0 -	0 -	56 5%	138 8%	276 10%	109 7%	310 26%
21 to 50	646 8%	259 5%	33 27%	354 11%	134 7%	0 -	125 7%	126 12%	73 7%	156 15%	33 33%	0 -	146 14%	64 4%	163 6%	152 10%	94 8%
51+	520 6%	251 5%	0 -	269 8%	0 -	251 19%	0 -	83 8%	0 -	186 17%	0 -	0 -	0 -	172 10%	192 7%	100 6%	56 5%
(DK/NS)	2942 35%	2077 41%	33 27%	832 26%	1560 78%	177 13%	340 19%	260 25%	360 32%	212 20%	33 33%	0 -	377 35%	757 45%	824 31%	517 34%	278 24%
Summary																	
Minimum (excl.0)	1	1	1	1	2	3	1	1	2	2	1	3	6	3	1	1	1
Maximum	200	93	25	200	40	93	33	200	40	200	25	3	37	200	200	150	122
Mean	25.0	18.1	10.3	34.6	14.9	27.3	11.4	35.4	11.8	54.0	13.0	3.0	19.3	31.9	23.4	27.9	20.9
Standard Deviation	40.2	22.0	11.2	54.6	14.4	30.6	8.7	57.0	11.7	66.5	12.1	0	12.0	51.8	40.1	42.9	30.5
Standard Error	4.6	3.8	6.5	8.6	5.1	9.2	2.2	15.8	3.4	17.2	8.6	0	6.0	15.6	7.4	10.4	8.2
Median	9.7	7.9	2.0	11.0	5.7	8.5	9.2	9.5	6.5	16.6	1.0	3.0	12.6	9.0	7.5	5.9	11.1

SECTION H: NO-TILLAGE/DIRECT SEEDING

q77b. Cost per Min. Till Acre used for No-Tillage/Direct Seeding

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Spent money when switched	233	140	5	88	29	42	69	11	24	53	3	2	24	21	79	55	45
Weighted	18264	13133*	164**	4967*	3007**	3923**	6203*	610**	1366**	2991*	98**	66**	2137**	2042**	6622*	4023*	2642*
Less than 1	922 5%	663 5%	0 -	259 5%	194 6%	57 1%	411 7%	0 -	130 9%	130 4%	0 -	0 -	361 17%	73 4%	327 5%	0 -	161 6%
1 to 10	1136 6%	881 7%	0 -	255 5%	88 3%	262 7%	531 9%	56 9%	98 7%	101 3%	0 -	0 -	88 4%	25 1%	262 4%	569 14%	193 7%
11 to 20	1748 10%	1674 13% C	0 -	73 1%	245 8%	411 10%	1018 16%	0 -	0 -	73 2%	0 -	0 -	364 17%	245 12%	582 9%	338 8%	218 8%
21 to 50	6062 33%	5435 41% C	0 -	627 13%	1259 42%	1615 41%	2560 41%	56 9%	113 8%	458 15%	0 -	0 -	552 26%	631 31%	2516 38%	1231 31%	862 33%
51+	7624 42%	4079 31%	164 100%	3381 68% A	969 32%	1577 40%	1533 25%	295 48%	969 71%	2116 71%	98 100%	66 100%	552 26%	1067 52%	2723 41%	1886 47%	1084 41%
(DK/NS)	772 4%	401 3%	0 -	371 7%	251 8%	0 -	150 2%	202 33%	56 4%	113 4%	0 -	0 -	220 10%	0 -	211 3%	0 -	125 5%
Summary																	
Minimum (excl.0)	1	1	142	1	5	5	1	10	1	2	333	142	5	10	5	1	3
Maximum	4000	1000	600	4000 A	1000	750	257	550	1000	4000	600	461	550	400	4000 OP	600	1000 O
Mean	116.2	69.9	377.2	235.3 A	90.8	82.1	52.1	292.2	339.8	182.0	427.6	301.5	90.2	106.9	151.8	91.1	94.7
Standard Deviation	269.1	100.4	151.9	474.5	140.2	111.6	59.0	188.9	273.2	556.8	122.7	160.7	125.3	104.8	408.9	119.6	148.2
Standard Error	18.5	8.8	67.9	53.7	28.6	17.4	7.4	66.8	59.6	79.5	70.8	113.7	28.7	23.4	48.9	16.1	23.1
Median	48.0	36.4	341.5	107.3	44.2	42.8	30.8	300.7	252.4	87.1	341.5	301.5	32.0	54.3	44.5	45.0	41.6

SECTION H: NO-TILLAGE/DIRECT SEEDING

q77b. Saved per Min. Till Acre used for No-Tillage/Direct Seeding

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Saved money when switched	133	59	4	70	19	17	23	25	22	23	3	1	14	21	39	30	23
Weighted	8478*	5111*	123**	3244*	2007**	1323**	1781**	1058**	1117**	1069**	98**	24**	1065**	1684**	2689**	1535**	1176**
Less than 1	1057 12%	662 13%	0 -	395 12%	0 -	237 18%	426 24%	155 15%	111 10%	130 12%	0 -	0 -	346 33%	144 9%	196 7%	201 13%	113 10%
1 to 10	1369 16%	1026 20%	33 27%	310 10%	69 3%	477 36%	481 27%	166 16%	56 5%	88 8%	33 33%	0 -	58 5%	187 11%	659 25%	228 15%	237 20%
11 to 20	1161 14%	754 15%	24 20%	382 12%	182 9%	181 14%	391 22%	73 7%	229 21%	80 7%	0 -	24 100%	81 8%	279 17%	338 13%	153 10%	253 22%
21 to 50	908 11%	296 6%	0 -	612 19% A	153 8%	0 -	144 8%	195 18%	224 20%	192 18%	0 -	0 -	56 5%	64 4%	348 13%	201 13%	239 20%
51+	1041 12%	295 6%	33 27%	713 22% A	44 2%	251 19%	0 -	208 20%	137 12%	368 34%	33 33%	0 -	146 14%	253 15%	324 12%	235 15%	56 5%
(DK/NS)	2942 35%	2077 41%	33 27%	832 26%	1560 78%	177 13%	340 19%	260 25%	360 32%	212 20%	33 33%	0 -	377 35%	757 45%	824 31%	517 34%	278 24%
Summary																	
Minimum (excl.0)	1	1	2	1	6	3	1	1	1	1	2	16	1	4	1	1	2
Maximum	2000	2000 C	100	600	2000	93	33	400	150	600	100	16	111	2000	200	600	133
Mean	68.1	56.6	41.5	82.7	214.3	27.9	12.9	67.0	45.2	130.0	51.0	16.0	48.8	151.7	34.4	105.8	27.6
Standard Deviation	211.5	267.0	44.9	122.7	588.2	30.2	8.9	96.3	42.0	168.1	49.4	0.0	38.7	452.5	42.8	176.9	32.1
Standard Error	23.4	45.8	25.9	18.3	208.0	9.1	2.3	24.9	11.6	40.8	34.9	0.0	15.8	136.4	7.8	41.7	8.3
Median	17.5	10.9	9.0	38.0	15.3	9.5	10.1	27.0	23.5	50.9	2.0	16.0	35.2	14.6	16.9	30.5	11.8

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using no-till. How about ... ?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield in your cereal crops.																	
Base: Valid respondents Weighted	384	239	7	138	61	69	109	27	44	67	3	4	36	50	119	91	69
	29417	21475	205**	7738	6223*	6121*	9131*	1379**	2553*	3806*	98**	106**	3238**	4507*	9730*	6030*	4251*
Yes	15392 52%	12932 60%	114 56%	2345 30%	3416 55%	3249 53%	6267 69%	735 53%	648 25%	962 25%	66 67%	49 46%	1885 58%	1912 42%	5901 61%	2587 43%	2437 57%
No	13224 45%	8133 38%	66 32%	5026 65%	2707 44%	2631 43%	2795 31%	645 47%	1685 66%	2697 71%	33 33%	33 31%	1335 41%	2423 54%	3755 39%	3073 51%	1717 40%
(DK/NS)	801 3%	410 2%	24 12%	366 5%	99 2%	241 4%	70 1%	0 -	220 9%	147 4%	0 -	24 23%	19 1%	171 4%	73 1%	370 6%	98 2%
Change in yield in your pulse crops.																	
Base: Valid respondents Weighted	42	42	0	0	10	12	20	0	0	0	0	0	6	9	14	5	4
	4350*	4350*	-**	-**	1217**	1313**	1819**	-**	-**	-**	-**	-**	646**	979**	1320**	550**	325**
Yes	2295 53%	2295 53%	0 -	0 -	614 50%	751 57%	931 51%	0 -	0 -	0 -	0 -	0 -	398 62%	447 46%	682 52%	326 59%	197 61%
No	1636 38%	1636 38%	0 -	0 -	488 40%	562 43%	586 32%	0 -	0 -	0 -	0 -	0 -	248 38%	278 28%	556 42%	224 41%	44 13%
(DK/NS)	419 10%	419 10%	0 -	0 -	116 10%	0 -	303 17%	0 -	0 -	0 -	0 -	0 -	0 -	254 26%	81 6%	0 -	84 26%
Change in yield in your canola crop.																	
Base: Valid respondents Weighted	148	148	0	0	31	40	77	0	0	0	0	0	11	24	44	30	33
	13123*	13123*	-**	-**	3096**	3593**	6434*	-**	-**	-**	-**	-**	1195**	2693**	4480**	2175**	2126**
Yes	7011 53%	7011 53%	0 -	0 -	1230 40%	1888 53%	3893 61%	0 -	0 -	0 -	0 -	0 -	481 40%	1116 41%	2815 63%	887 41%	1361 64%
No	4959 38%	4959 38%	0 -	0 -	1210 39%	1462 41%	2287 36%	0 -	0 -	0 -	0 -	0 -	605 51%	1007 37%	1329 30%	1242 57%	672 32%
(DK/NS)	1153 9%	1153 9%	0 -	0 -	656 21%	243 7%	254 4%	0 -	0 -	0 -	0 -	0 -	109 9%	570 21%	336 8%	46 2%	92 4%
Change in yield in your soybean crop																	
Base: Valid respondents Weighted	150	0	0	150	0	0	0	31	45	74	0	0	14	14	41	46	29
	7908	-**	-**	7908	-**	-**	-**	1465**	2522*	3921*	-**	-**	782**	796**	2122*	2373*	1527**
Yes	3527 45%	0 -	0 -	3527 45%	0 -	0 -	0 -	506 35%	1236 49%	1785 46%	0 -	0 -	342 44%	252 32%	1061 50%	1226 52%	533 35%
No	4094 52%	0 -	0 -	4094 52%	0 -	0 -	0 -	875 60%	1213 48%	2006 51%	0 -	0 -	310 40%	545 68%	978 46%	1147 48%	920 60%

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using no-till. How about ... ?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
(DK/NS)	287 4%	0 -	0 -	287 4%	0 -	0 -	0 -	84 6%	73 3%	130 3%	0 -	0 -	130 17%	0 -	84 4%	0 -	73 5%
Change in yield in your corn crop.																	
Base: Valid respondents	169	0	6	163	0	0	0	34	51	78	2	4	9	16	47	53	38
Weighted	8612	-**	188**	8423	-**	-**	-**	1530**	2725*	4168*	66**	123**	467**	863**	2428*	2716*	1830*
Yes	1917 22%	0 -	33 17%	1884 22%	0 -	0 -	0 -	301 20%	467 17%	1116 27%	0 -	33 27%	56 12%	25 3%	493 20%	649 24%	610 33%
No	5858 68%	0 -	123 65%	5735 68%	0 -	0 -	0 -	1147 75%	1870 69%	2719 65%	66 100%	57 47%	337 72%	708 82%	1666 69%	1775 65%	1146 63%
(DK/NS)	836 10%	0 -	33 17%	804 10%	0 -	0 -	0 -	83 5%	389 14%	332 8%	0 -	33 27%	73 16%	130 15%	268 11%	292 11%	73 4%
Change in yield to your potato crop																	
Base: Valid respondents	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Weighted	33*	-**	33**	-**	-**	-**	-**	-**	-**	-**	33**	-**	-**	-**	33**	-**	-**
No	33 100%	0 -	33 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 100%	0 -	0 -	0 -	33 100%	0 -	0 -

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78b. Would this change be an increase or decrease?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME					
		Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F		G	H	I	J	K	L	M	N	O	P
Change in yield to ALL CROPS																		
Base: Have experienced a change Weighted	263	159	5	99	40	42	77		24	31	44	2	3	24	32	90	53	51
	20110	14618	147**	5344*	3889**	3895**	6834*		1176**	1734**	2434*	66**	82**	2111**	2525**	7512*	3753*	3114*
Increase	15869 79%	13211 90%	24 17%	2633 49%	3270 84%	3232 83%	6709 98%		578 49%	895 52%	1159 48%	0 -	24 30%	1922 91%	2112 84%	5759 77%	2679 71%	2623 84%
Decrease	4915 24%	1652 11%	123 83%	3140 59%	676 17%	664 17%	312 5%		655 56%	1154 67%	1331 55%	66 100%	57 70%	189 9%	526 21%	1907 25%	1317 35%	654 21%
Change in yield in your cereal crops.																		
Base: Have experienced a change Weighted	188	143	4	41	36	38	69		14	12	15	2	2	20	24	67	34	36
	15392	12932	114**	2345*	3416**	3249*	6267*		735**	648**	962**	66**	49**	1885**	1912**	5901*	2587**	2437*
Increase	13557 88%	11977 93%	24 21%	1556 66%	2740 80%	3013 93%	6223 99%		470 64%	585 90%	501 52%	0 -	24 50%	1796 95%	1638 86%	5165 88%	2267 88%	2288 94%
Decrease	1834 12%	955 7%	90 79%	789 34%	676 20%	235 7%	44 1%		264 36%	64 10%	461 48%	66 100%	24 50%	89 5%	275 14%	737 12%	319 12%	149 6%
Change in yield in your pulse crops.																		
Base: Have experienced a change Weighted	22	22	0	0	5	7	10		0	0	0	0	0	3	4	8	3	2
	2295*	2295**	-**	-**	614**	751**	931**		-**	-**	-**	-**	-**	398**	447**	682**	326**	197**
Increase	1812 79%	1812 79%	0 -	0 -	413 67%	550 73%	849 91%		0 -	0 -	0 -	0 -	0 -	197 50%	447 100%	601 88%	326 100%	197 100%
Decrease	201 9%	201 9%	0 -	0 -	201 33%	0 -	0 -		0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
(DK/NS)	282 12%	282 12%	0 -	0 -	0 -	201 27%	81 9%		0 -	0 -	0 -	0 -	0 -	201 50%	0 -	81 12%	0 -	0 -
Change in yield in your canola crop.																		
Base: Have experienced a change Weighted	76	76	0	0	13	18	45		0	0	0	0	0	4	12	26	10	20
	7011*	7011*	-**	-**	1230**	1888**	3893*		-**	-**	-**	-**	-**	481**	1116**	2815**	887**	1361**
Increase	6126 87%	6126 87%	0 -	0 -	1166 95%	1336 71%	3624 93%		0 -	0 -	0 -	0 -	0 -	481 100%	993 89%	2305 82%	806 91%	1255 92%
Decrease	885 13%	885 13%	0 -	0 -	64 5%	552 29%	269 7%		0 -	0 -	0 -	0 -	0 -	0 -	124 11%	510 18%	81 9%	106 8%
Change in yield in your soybean crop																		
Base: Have experienced a change Weighted	61	0	0	61	0	0	0		10	20	31	0	0	6	5	18	19	11
	3527*	-**	-**	3527*	-**	-**	-**		506**	1236**	1785**	-**	-**	342**	252**	1061**	1226**	533**
Increase	1474 42%	0 -	0 -	1474 42%	0 -	0 -	0 -		194 38%	415 34%	865 48%	0 -	0 -	186 54%	0 -	409 39%	445 36%	321 60%

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78b. Would this change be an increase or decrease?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Decrease	2053 58%	0 -	0 -	2053 58%	0 -	0 -	0 -	312 62%	821 66%	920 52%	0 -	0 -	156 46%	252 100%	652 61%	782 64%	212 40%
Change in yield in your corn crop.																	
Base: Have experienced a change	39	0	1	38	0	0	0	7	9	22	0	1	1	1	10	12	13
Weighted	1917*	-**	33**	1884*	-**	-**	-**	301**	467**	1116**	-**	33**	56**	25**	493**	649**	610**
Increase	916 48%	0 -	0 -	916 49%	0 -	0 -	0 -	139 46%	124 27%	653 58%	0 -	0 -	56 100%	25 100%	254 51%	213 33%	342 56%
Decrease	1001 52%	0 -	33 100%	968 51%	0 -	0 -	0 -	162 54%	343 73%	464 42%	0 -	33 100%	0 -	0 -	239 49%	437 67%	269 44%
Change in yield to your potato crop																	

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your cereal crops.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	157	130	1	26	29	33	68	8	10	8	0	1	18	18	54	29	33
	13557	11977*	24**	1556**	2740**	3013**	6223*	470**	585**	501**	-**	24**	1796**	1638**	5165*	2267**	2288**
1-2	962 7%	906 8%	0 -	56 4%	0 -	0 -	906 15%	0 -	56 10%	0 -	0 -	0 -	146 8%	0 -	446 9%	144 6%	226 10%
3-5	5484 40%	4923 41%	0 -	561 36%	918 34%	1421 47%	2584 42%	155 33%	147 25%	259 52%	0 -	0 -	871 49%	443 27%	2300 45%	1022 45%	803 35%
6+	6018 44%	5285 44%	24 100%	709 46%	1536 56%	1319 44%	2431 39%	242 51%	354 61%	113 22%	0 -	24 100%	640 36%	1076 66%	1926 37%	1016 45%	1045 46%
(DK/NS)	1093 8%	863 7%	0 -	230 15%	286 10%	273 9%	303 5%	73 16%	27 5%	130 26%	0 -	0 -	138 8%	118 7%	493 10%	85 4%	214 9%
Summary																	
Minimum (excl.0)	1	1	10	2	3	3	1	5	2	5	0	10	2	3	2	2	1
Maximum	15	15	10	15	15	15	15	15	15	10	0	10	15	10	15	15	15
Mean	7.3	7.1	10.0	8.6	8.4	7.3	6.4	10.2	8.9	6.5	0	10.0	7.8	7.9	6.8	7.2	7.0
Standard Deviation	3.6	3.6	0.0	4.1	3.2	3.4	3.6	4.5	4.1	2.3	0	0.0	4.7	2.6	3.4	3.6	3.7
Standard Error	0.3	0.3	0.0	0.9	0.6	0.6	0.4	1.7	1.4	0.9	0	0.0	1.1	0.7	0.5	0.7	0.7
Median	5.0	4.9	10.0	5.5	9.1	5.0	4.7	8.0	6.6	5.0	0	10.0	4.8	8.0	4.8	4.8	5.1

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your pulse crops.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	19	19	0	0	4	6	9	0	0	0	0	0	2	4	7	3	2
	1812*	1812**	-**	-**	413**	550**	849**	-**	-**	-**	-**	-**	197**	447**	601**	326**	197**
3-5	1046 58%	1046 58%	0 -	0 -	288 70%	389 71%	368 43%	0 -	0 -	0 -	0 -	0 -	81 41%	288 64%	433 72%	84 26%	116 59%
6+	686 38%	686 38%	0 -	0 -	44 11%	161 29%	481 57%	0 -	0 -	0 -	0 -	0 -	116 59%	159 36%	168 28%	242 74%	0 -
(DK/NS)	81 4%	81 4%	0 -	0 -	81 20%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 41%
Summary																	
Minimum (excl.0)	3	3	0	0	3	3	3	0	0	0	0	0	5	3	3	4	5
Maximum	10	10	0	0	10	6	10	0	0	0	0	0	10	10	10	10	5
Mean	6.2	6.2	0	0	5.1	4.9	7.4	0	0	0	0	0	7.9	6.4	5.7	6.5	5.0
Standard Deviation	2.6	2.6	0	0	2.1	1.0	3.0	0	0	0	0	0	2.5	2.8	2.8	2.2	0.0
Standard Error	0.6	0.6	0	0	1.2	0.4	1.0	0	0	0	0	0	1.7	1.4	1.1	1.3	0.0
Median	4.7	4.7	0	0	3.8	4.6	5.6	0	0	0	0	0	5.7	4.4	4.3	5.0	5.0

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your canola crop.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	68	68	0	0	12	14	42	0	0	0	0	0	4	9	24	9	19
	6126*	6126*	-**	-**	1166**	1336**	3624*	-**	-**	-**	-**	-**	481**	993**	2305**	806**	1255**
1-2	995 16%	995 16%	0 -	0 -	0 -	45 3%	950 26%	0 -	0 -	0 -	0 -	0 -	273 57%	84 8%	355 15%	87 11%	196 16%
3-5	3529 58%	3529 58%	0 -	0 -	766 66%	738 55%	2025 56%	0 -	0 -	0 -	0 -	0 -	70 15%	757 76%	1126 49%	566 70%	791 63%
6+	1416 23%	1416 23%	0 -	0 -	297 26%	553 41%	566 16%	0 -	0 -	0 -	0 -	0 -	138 29%	106 11%	767 33%	153 19%	184 15%
(DK/NS)	187 3%	187 3%	0 -	0 -	102 9%	0 -	84 2%	0 -	0 -	0 -	0 -	0 -	0 -	45 5%	57 2%	0 -	84 7%
Summary																	
Minimum (excl.0)	1	1	0	0	4	1	1	0	0	0	0	0	1	2	1	2	1
Maximum	15	15	0	0	10	15	10	0	0	0	0	0	10	12	15	10	10
Mean	5.5	5.5	0	0	6.1	7.0	4.7	0	0	0	0	0	4.4	5.5	6.0	5.0	4.9
Standard Deviation	2.8	2.8	0	0	2.0	3.5	2.4	0	0	0	0	0	3.7	2.5	3.2	2.3	2.0
Standard Error	0.4	0.4	0	0	0.6	0.9	0.4	0	0	0	0	0	1.8	0.9	0.7	0.8	0.5
Median	4.5	4.5	0	0	4.7	4.6	4.3	0	0	0	0	0	1.8	3.5	4.3	4.2	3.9

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your soybean crop

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	27	0	0	27	0	0	0	4	7	16	0	0	3	0	8	7	7
	1474*	-**	-**	1474**	-**	-**	-**	194**	415**	865**	-**	-**	186**	-**	409**	445**	321**
1-2	109 7%	0 -	0 -	109 7%	0 -	0 -	0 -	0 -	0 -	109 13%	0 -	0 -	0 -	0 -	0 -	56 13%	53 16%
3-5	890 60%	0 -	0 -	890 60%	0 -	0 -	0 -	56 29%	259 63%	574 66%	0 -	0 -	73 39%	0 -	129 32%	389 87%	242 75%
6+	341 23%	0 -	0 -	341 23%	0 -	0 -	0 -	56 29%	129 31%	156 18%	0 -	0 -	56 30%	0 -	203 49%	0 -	26 8%
(DK/NS)	134 9%	0 -	0 -	134 9%	0 -	0 -	0 -	81 42%	26 6%	26 3%	0 -	0 -	56 30%	0 -	78 19%	0 -	0 -
Summary																	
Minimum (excl.0)	2	0	0	2	0	0	0	5	5	2	0	0	5	0	3	2	2
Maximum	15	0	0	15	0	0	0	10	15	10	0	0	10	0	10	5	10
Mean	6.0	0	0	6.0	0	0	0	7.5	7.4	5.1	0	0	7.2	0	7.6	4.4	4.6
Standard Deviation	3.1	0	0	3.1	0	0	0	2.5	3.7	2.6	0	0	2.5	0	3.1	1.1	2.0
Standard Error	0.7	0	0	0.7	0	0	0	1.8	1.5	0.7	0	0	1.8	0	1.4	0.4	0.8
Median	4.1	0	0	4.1	0	0	0	7.5	5.0	3.6	0	0	5.0	0	5.9	3.7	3.6

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c1_5. Please tell me how much of an INCREASE in bushels per acre you have seen as a result of using no till. Change in yield in your corn crop.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced an Increased change Weighted	18	0	0	18	0	0	0	3	3	12	0	0	1	1	5	4	6
	916*	-.**	-.**	916**	-.**	-.**	-.**	139**	124**	653**	-.**	-.**	56**	25**	254**	213**	342**
3-5	212 23%	0 -	0 -	212 23%	0 -	0 -	0 -	26 19%	0 -	186 28%	0 -	0 -	0 -	0 -	56 22%	73 34%	56 16%
6+	549 60%	0 -	0 -	549 60%	0 -	0 -	0 -	56 41%	98 79%	394 60%	0 -	0 -	56 100%	25 100%	171 67%	84 39%	212 62%
(DK/NS)	156 17%	0 -	0 -	156 17%	0 -	0 -	0 -	56 41%	26 21%	73 11%	0 -	0 -	0 -	0 -	26 10%	56 26%	73 21%
Summary																	
Minimum (excl.0)	5	0	0	5	0	0	0	5	10	5	0	0	15	10	5	5	5
Maximum	15	0	0	15	0	0	0	15	15	15	0	0	15	10	15	15	15
Mean	10.1	0	0	10.1	0	0	0	11.8	13.7	9.2	0	0	15.0	10.0	10.4	7.5	10.8
Standard Deviation	4.0	0	0	4.0	0	0	0	4.7	2.2	3.7	0	0	0.0	0.0	3.8	3.6	3.7
Standard Error	1.0	0	0	1.0	0	0	0	3.3	1.6	1.1	0	0	0.0	0.0	1.9	2.1	1.7
Median	8.4	0	0	8.4	0	0	0	7.7	11.6	7.7	0	0	15.0	10.0	7.9	5.2	8.5

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your cereal crops.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a Decreased change Weighted	31	13	3	15	7	5	1	6	2	7	2	1	2	6	13	5	3
	1834*	955**	90**	789**	676**	235**	44**	264**	64**	461**	66**	24**	89**	275**	737**	319**	149**
1-2	81 4%	81 9%	0 -	0 -	81 12%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 11%	0 -	0 -
3-5	506 28%	210 22%	0 -	296 38%	125 19%	85 36%	0 -	0 -	37 59%	259 56%	0 -	0 -	0 -	136 50%	112 15%	202 63%	56 38%
6+	910 50%	463 48%	90 100%	357 45%	269 40%	150 64%	44 100%	155 58%	0 -	203 44%	66 100%	24 100%	89 100%	82 30%	464 63%	117 37%	93 62%
(DK/NS)	337 18%	201 21%	0 -	136 17%	201 30%	0 -	0 -	110 42%	26 41%	0 -	0 -	0 -	0 -	56 20%	80 11%	0 -	0 -
Summary																	
Minimum (excl.0)	1	1	10	5	1	5	15	10	5	5	10	10	10	5	1	5	5
Maximum	15	15	15	15	15	10	15	15	5	10	15	10	15	10	15	15	10
Mean	8.2	7.8	11.8	8.2	6.9	8.2	15.0	11.8	5.0	7.2	12.5	10.0	13.2	6.9	8.1	7.5	8.1
Standard Deviation	3.6	3.8	2.4	3.2	3.8	2.4	0	2.4	0.0	2.5	2.5	0.0	2.4	2.4	3.8	3.6	2.4
Standard Error	0.7	1.1	1.4	1.0	1.6	1.1	0	1.4	0.0	0.9	1.8	0.0	1.7	1.1	1.2	1.6	1.4
Median	8.0	6.6	10.0	5.5	5.6	6.1	15.0	10.0	5.0	5.0	10.0	10.0	11.0	5.0	7.5	5.0	6.0

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c2_2. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your pulse crops.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a Decreased change Weighted (DK/NS)	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	201*	201**	-.**	-.**	201**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	-.**
	201 100%	201 100%	0 -	0 -	201 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Summary																	

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c2_3. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your canola crop.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a Decreased change Weighted	8	8	0	0	1	4	3	0	0	0	0	0	0	3	2	1	1
	885*	885**	-**	-**	64**	552**	269**	-**	-**	-**	-**	-**	-**	124**	510**	81**	106**
1-2	106 12%	106 12%	0 -	0 -	0 -	0 -	106 40%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	106 100%
3-5	713 81%	713 81%	0 -	0 -	0 -	551 100%	162 60%	0 -	0 -	0 -	0 -	0 -	0 -	123 99%	510 100%	81 100%	0 -
6+	65 7%	65 7%	0 -	0 -	64 100%	1 0	0 -	0 -	0 -	0 -	0 -	0 -	0 -	1 1%	0 -	0 -	0 -
Summary																	
Minimum (excl.0)	2	2	0	0	7	3	2	0	0	0	0	0	0	3	5	4	2
Maximum	15	15	0	0	7	15	5	0	0	0	0	0	0	15	5	4	2
Mean	4.6	4.6	0	0	7.0	4.9	3.5	0	0	0	0	0	0	4.4	5.0	4.0	2.0
Standard Deviation	1.3	1.3	0	0	0	0.7	1.3	0	0	0	0	0	0	1.3	0.0	0.0	0.0
Standard Error	0.4	0.4	0	0	0	0.3	0.7	0	0	0	0	0	0	0.8	0.0	0.0	0.0
Median	4.4	4.4	0	0	7.0	3.9	2.7	0	0	0	0	0	0	3.5	5.0	4.0	2.0

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c2_4. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your soybean crop

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a Decreased change Weighted	34	0	0	34	0	0	0	6	13	15	0	0	3	5	10	12	4
	2053*	-**	-**	2053*	-**	-**	-**	312**	821**	920**	-**	-**	156**	252**	652**	782**	212**
1-2	83 4%	0 -	0 -	83 4%	0 -	0 -	0 -	26 8%	56 7%	0 -	0 -	0 -	0 -	56 22%	26 4%	0 -	0 -
3-5	1386 68%	0 -	0 -	1386 68%	0 -	0 -	0 -	186 60%	535 65%	665 72%	0 -	0 -	130 83%	113 45%	479 73%	479 61%	186 88%
6+	402 20%	0 -	0 -	402 20%	0 -	0 -	0 -	73 24%	100 12%	229 25%	0 -	0 -	0 -	26 10%	73 11%	276 35%	26 12%
(DK/NS)	182 9%	0 -	0 -	182 9%	0 -	0 -	0 -	26 8%	130 16%	26 3%	0 -	0 -	26 17%	56 22%	73 11%	26 3%	0 -
Summary																	
Minimum (excl.0)	2	0	0	2	0	0	0	2	2	3	0	0	3	2	2	3	3
Maximum	12	0	0	12	0	0	0	7	12	10	0	0	4	12	7	10	8
Mean	5.0	0	0	5.0	0	0	0	4.8	4.9	5.1	0	0	3.6	4.5	4.5	5.8	4.5
Standard Deviation	2.2	0	0	2.2	0	0	0	1.6	1.9	2.5	0	0	0.5	3.2	1.2	2.5	1.5
Standard Error	0.4	0	0	0.4	0	0	0	0.7	0.6	0.7	0	0	0.4	1.6	0.4	0.7	0.8
Median	4.1	0	0	4.1	0	0	0	3.9	4.3	3.5	0	0	3.1	2.7	3.9	4.2	3.7

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78c2_5. Please tell me how much of a DECREASE in bushels per acre you have seen as a result of using no till. Change in yield in your corn crop.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a Decreased change Weighted	21	0	1	20	0	0	0	4	6	10	0	1	0	0	5	8	7
	1001*	-**	33**	968**	-**	-**	-**	162**	343**	464**	-**	33**	-**	-**	239**	437**	269**
3-5	188 19%	0 -	33 100%	155 16%	0 -	0 -	0 -	56 35%	0 -	99 21%	0 -	33 100%	0 -	0 -	56 24%	56 13%	75 28%
	6+	551 55%	0 -	0 -	551 57%	0 -	0 -	26 16%	186 54%	338 73%	0 -	0 -	0 -	0 -	26 11%	302 69%	166 62%
(DK/NS)	262 26%	0 -	0 -	262 27%	0 -	0 -	0 -	79 49%	157 46%	26 6%	0 -	0 -	0 -	0 -	157 66%	78 18%	27 10%
Summary																	
Minimum (excl.0)	4	0	5	4	0	0	0	5	14	4	0	5	0	0	5	5	4
Maximum	15	0	5	15	0	0	0	10	15	15	0	5	0	0	10	15	15
Mean	10.2	0	5.0	10.5	0	0	0	6.6	14.7	9.4	0	5.0	0	0	6.6	10.6	10.0
Standard Deviation	4.0	0	0	3.9	0	0	0	2.3	0.5	3.4	0	0	0	0	2.3	3.7	4.3
Standard Error	1.0	0	0	1.0	0	0	0	1.7	0.3	1.1	0	0	0	0	1.7	1.5	1.7
Median	9.0	0	5.0	9.2	0	0	0	5.0	14.3	8.5	0	5.0	0	0	5.0	9.0	7.7

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78d. Have you noticed a change in operating costs such as fuel, or equipment wear from using no-till?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
Yes	29288 89%	20549 91%	287 57%	8453 86%	6635 93%	5692 90%	8222 89%	1728 80%	2604 82%	4120 91%	98 43%	188 70%	3289 86%	4428 93%	9544 89%	6221 89%	4492 89%
No	3403 10%	2013 9%	156 31%	1234 13%	443 6%	580 9%	990 11%	398 19%	481 15%	355 8%	131 57%	24 9%	430 11%	330 7%	1117 10%	679 10%	475 9%
(DK/NS)	342 1%	114 1%	57 11%	172 2%	62 1%	51 1%	0 -	25 1%	73 2%	73 2%	0 -	57 21%	92 2%	0 -	51 0	117 2%	82 2%

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78e. Would this change be an increase or decrease?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have experienced a change in operating costs Weighted	399	225	9	165	62	65	98	39	50	76	3	6	37	51	124	95	76
	29288	20549	287**	8453	6635*	5692*	8222*	1728*	2604*	4120*	98**	188**	3289**	4428*	9544*	6221*	4492*
Increase	3258 11%	2630 13%	0 -	628 7%	1107 17%	632 11%	891 11%	191 11%	208 8%	229 6%	0 -	0 -	719 22%	138 3%	1221 13% P	575 9%	106 2%
Decrease	25958 89%	17919 87%	287 100%	7751 92%	5528 83%	5060 89%	7331 89%	1537 89%	2323 89%	3891 94%	98 100%	188 100%	2571 78%	4290 97%	8250 86%	5646 91%	4386 98% N
(DK/NS)	73 0	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	73 3%	0 -	0 -	0 -	0 -	0 -	73 1%	0 -	0 -

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78f. Please tell me approximately how much of an INCREASE in operating costs, in dollars per acre you have seen as a result of using no-till.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned there was an Increase	38	25	0	13	10	7	8	4	5	4	0	0	8	3	12	8	2
Weighted	3258*	2630**	-.**	628**	1107**	632**	891**	191**	208**	229**	-.**	-.**	719**	138**	1221**	575**	106**
5 or less	298 9%	215 8%	0 -	83 13%	84 8%	44 7%	87 10%	56 29%	26 13%	0 -	0 -	0 -	56 8%	0 -	110 9%	0 -	87 82%
6 - 10	725 22%	496 19%	0 -	229 36%	124 11%	181 29%	191 21%	83 43%	0 -	146 64%	0 -	0 -	159 22%	56 41%	181 15%	303 53%	0 -
11 - 20	935 29%	861 33%	0 -	73 12%	90 8%	339 54%	432 48%	0 -	73 35%	0 -	0 -	0 -	138 19%	0 -	615 50%	163 28%	19 18%
21 - 50	301 9%	219 8%	0 -	83 13%	219 20%	0 -	0 -	0 -	0 -	83 36%	0 -	0 -	138 19%	0 -	107 9%	56 10%	0 -
51+	90 3%	90 3%	0 -	0 -	90 8%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	90 13%	0 -	0 -	0 -	0 -
(DK/NS)	909 28%	748 28%	0 -	161 26%	499 45%	68 11%	181 20%	52 27%	109 52%	0 -	0 -	0 -	138 19%	81 59%	208 17%	52 9%	0 -
Summary																	
Minimum (excl.0)	0	2	0	0	2	2	5	0	1	10	0	0	0	10	1	10	5
Maximum	65	65	0	50	65	20	20	10	12	50	0	0	65	10	50	25	20
Mean	16.6	17.6	0	12.7	27.3	13.2	12.9	6.0	9.1	18.3	0	0	25.8	10.0	15.0	13.6	7.6
Standard Deviation	13.5	13.8	0	11.3	20.2	5.4	4.1	4.8	4.9	13.1	0	0	21.2	0	8.4	5.4	5.7
Standard Error	2.5	3.1	0	3.8	7.6	2.2	1.5	2.8	3.4	6.5	0	0	8.0	0	2.7	2.0	4.1
Median	12.2	12.5	0	6.9	20.3	11.5	11.0	1.8	4.5	10.0	0	0	12.7	10.0	12.9	10.0	5.0

SECTION H: NO-TILLAGE/DIRECT SEEDING

q78f1. Please tell me approximately how much of a DECREASE in operating costs, in dollars per acre you have seen as a result of using no-till.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned there was a Decrease	360	200	9	151	52	58	90	35	44	72	3	6	29	48	111	87	74
Weighted	25958	17919	287**	7751	5528**	5060*	7331*	1537**	2323*	3891*	98**	188**	2571**	4290**	8250*	5646*	4386*
5 or less	5737 22%	5155 29%	33 11%	550 7%	777 14%	1340 26%	3038 41%	56 4%	181 8%	312 8%	0 -	33 17%	825 32%	889 21%	1939 24%	960 17%	1054 24%
6 - 10	6803 26%	5768 32%	0 -	1034 13%	2271 41%	1687 33%	1810 25%	535 35%	280 12%	219 6%	0 -	0 -	678 26%	1692 39%	1890 23%	1389 25%	1012 23%
11 - 20	6308 24%	3594 20%	24 9%	2690 35%	1153 21%	1022 20%	1418 19%	399 26%	907 39%	1383 36%	0 -	24 13%	305 12%	831 19%	2272 28%	1736 31%	993 23%
21 - 50	3215 12%	1148 6%	98 34%	1969 25%	432 8%	273 5%	443 6%	180 12%	435 19%	1354 35%	33 33%	66 35%	395 15%	139 3%	881 11%	620 11%	916 21%
51+	519 2%	0 -	98 34%	420 5%	0 -	0 -	0 -	135 9%	176 8%	109 3%	66 67%	33 17%	0 -	150 3%	205 2%	138 2%	26 1%
(DK/NS)	3376 13%	2255 13%	33 11%	1088 14%	896 16%	738 15%	622 8%	231 15%	343 15%	515 13%	0 -	33 17%	367 14%	590 14%	1063 13%	802 14%	385 9%
Summary																	
Minimum (excl.0)	0	1	3	0	2	1	1	5	0	0	40	3	2	1	0	2	0
Maximum	70	50	70	70	40	40	50	70	70	65	70	70	50	70	70	70	70
Mean	15.2	10.9	45.9	24.0 A	12.6	10.3	10.2	23.2	24.7	23.8	60.0	37.0	12.7	13.4	14.9	16.3	15.7
Standard Deviation	13.4	8.4	23.6	16.3	7.7	6.7	9.6	19.6	18.4	13.4	14.2	24.0	12.0	14.1	12.8	13.9	11.7
Standard Error	0.8	0.6	8.3	1.4	1.2	1.0	1.1	3.7	3.0	1.7	8.2	10.7	2.5	2.3	1.3	1.6	1.4
Median	9.5	8.5	41.3	18.9	9.1	8.4	6.7	12.7	18.7	18.9	47.5	31.4	6.7	8.8	9.7	10.7	9.8

SECTION H: NO-TILLAGE/DIRECT SEEDING

q79. Do you expect to get payments for carbon sequestration or carbon credits for using no- till under the Kyoto protocol?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
Yes	12475 38%	9594 42% C	66 13%	2815 29%	2482 35%	2556 40%	4555 49%	588 27%	694 22%	1533 34%	0 -	66 24%	1489 39%	1656 35%	4269 40%	2496 36%	2124 42%
No	17588 53%	10967 48%	377 75%	6243 63% A	3131 44%	3474 55%	4363 47%	1334 62%	2149 68%	2761 61%	230 100%	147 55%	1872 49%	2492 52%	5717 53%	3800 54%	2829 56%
(DK/NS)	2971 9%	2114 9%	57 11%	800 8%	1526 21% EF	294 5%	294 3%	229 11%	316 10%	255 6%	0 -	57 21%	449 12%	610 13% P	727 7%	720 10% P	96 2%

SECTION H: NO-TILLAGE/DIRECT SEEDING

q80. Factoring in all costs and dollar benefits but not including government incentives, do you feel that using no-till is an economic net gain, a net loss, or no change on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
Net gain	23423 71%	16949 75%	221 44%	6252 63%	5338 75%	4733 75%	6878 75%	1210 56%	2024 64%	3018 66%	98 43%	123 45%	2181 57%	3616 76%	7262 68%	5357 76%	3763 75%
Net loss	2475 7%	2026 9%	0 -	449 5%	1116 16%	211 3%	699 8%	140 6%	101 3%	209 5%	0 -	0 -	456 12%	481 10%	1012 9%	170 2%	155 3%
No change	6565 20%	3476 15%	221 44%	2867 29%	462 6%	1379 22%	1635 18%	748 35%	895 28%	1224 27%	98 43%	123 45%	1032 27%	577 12%	2358 22%	1373 20%	1008 20%
(DK/NS)	571 2%	224 1%	57 11%	290 3%	224 3%	0 -	0 -	53 2%	138 4%	98 2%	33 14%	24 9%	141 4%	84 2%	81 1%	116 2%	123 2%

SECTION H: NO-TILLAGE/DIRECT SEEDING

q81a. Have you received any financial incentive from the government to use no-till?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
Yes	966 3%	224 1%	0 -	741 8% A	138 2%	45 1%	42 0	77 4%	213 7%	450 10%	0 -	0 -	163 4%	113 2%	253 2%	183 3%	254 5%
No	31970 97%	22451 99% C	475 95%	9044 92%	7002 98%	6278 99%	9171 100%	2074 96%	2872 91%	4098 90%	230 100%	246 91%	3575 94%	4645 98%	10459 98%	6833 97%	4771 94%
(DK/NS)	98 0	0 -	24 5%	73 1%	0 -	0 -	0 -	0 -	73 2%	0 -	0 -	24 9%	73 2%	0 -	0 -	0 -	24 0

SECTION H: NO-TILLAGE/DIRECT SEEDING

q81b. How important do you feel it is for the government to provide financial incentives or grants to growers to use no-till?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use No-Tillage/ Direct Seeding Weighted	459	252	16	191	70	72	110	47	60	84	7	9	47	55	140	109	88
	33034	22675	500**	9858	7140*	6323*	9212*	2152*	3158*	4548*	230**	270**	3811*	4757*	10713*	7016*	5049*
Very important	13218 40%	8838 39%	221 44%	4159 42%	2563 36%	2253 36%	4023 44%	642 30%	1227 39%	2289 50%	66 29%	156 58%	1077 28%	1328 28%	4664 44%	2735 39%	2644 52%
Somewhat important	11127 34%	7531 33%	156 31%	3441 35%	3126 44%	2458 39%	1947 21%	1131 53%	995 31%	1315 29%	98 43%	57 21%	2138 56%	2484 52%	3011 28%	2068 29%	981 19%
Not very important	3378 10%	2323 10%	33 7%	1022 10%	384 5%	430 7%	1509 16%	269 12%	266 8%	487 11%	33 14%	0 -	245 6%	297 6%	1328 12%	647 9%	493 10%
Not important at all	5191 16%	3888 17%	66 13%	1237 13%	1023 14%	1131 18%	1734 19%	110 5%	670 21%	457 10%	33 14%	33 12%	351 9%	649 14%	1658 15%	1523 22%	907 18%
(DK/NS)	119 0	95 0	24 5%	0 -	44 1%	51 1%	0 -	0 -	0 -	0 -	0 -	24 9%	0 -	0 -	51 0	44 1%	24 0
Summary																	
Top2box (Important)	24346 74%	16369 72%	377 75%	7600 77%	5689 80%	4711 74%	5970 65%	1773 82%	2222 70%	3604 79%	164 71%	213 79%	3215 84%	3812 80%	7676 72%	4803 68%	3625 72%
Low2box (Not Important)	8568 26%	6211 27%	98 20%	2259 23%	1407 20%	1561 25%	3243 35%	378 18%	936 30%	944 21%	66 29%	33 12%	596 16%	946 20%	2986 28%	2169 31%	1399 28%

SECTION H: NO-TILLAGE/DIRECT SEEDING

q81c. How much per acre do you currently receive in government incentives for using no-till?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive from the government	19	3	0	16	1	1	1	3	4	9	0	0	2	2	6	4	5
Weighted	966*	224**	-.**	741**	138**	45**	42**	77**	213**	450**	-.**	-.**	163**	113**	253**	183**	254**
< 2	101 11%	45 20%	0 -	56 8%	0 -	45 100%	0 -	0 -	56 26%	0 -	0 -	0 -	0 -	56 50%	45 18%	0 -	0 -
6 - 10	190 20%	138 61%	0 -	52 7%	138 100%	0 -	0 -	25 32%	27 13%	0 -	0 -	0 -	163 100%	0 -	0 -	27 15%	0 -
(DK/NS)	674 70%	42 19%	0 -	632 85%	0 -	0 -	42 100%	52 68%	130 61%	450 100%	0 -	0 -	0 -	56 50%	208 82%	156 85%	254 100%
Summary																	
Minimum (excl.0)	0	0	0	0	10	0	0	10	0	0	0	0	10	0	0	10	0
Maximum	10	10	0	10	10	0	0	10	10	0	0	0	10	0	0	10	0
Mean	6.5	7.5	0	4.8	10.0	0	0	10.0	3.3	0	0	0	10.0	0	0	10.0	0
Standard Deviation	4.8	4.3	0	5.0	0	0	0	0.0	4.7	0	0	0	0	0	0	0	0
Standard Error	2.1	3.1	0	2.9	0	0	0	0.0	3.3	0	0	0	0	0	0	0	0
Median	2.3	3.4	0	0	10.0	0	0	10.0	0	0	0	0	10.0	0	0	10.0	0

SECTION H: NO-TILLAGE/DIRECT SEEDING

q81d. Do you feel that the financial incentive that you receive from the government is adequate?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive from the government	19	3	0	16	1	1	1	3	4	9	0	0	2	2	6	4	5
Weighted	966*	224**	-.**	741**	138**	45**	42**	77**	213**	450**	-.**	-.**	163**	113**	253**	183**	254**
Yes	259 27%	42 19%	0 -	218 29%	0 -	0 -	42 100%	25 32%	27 13%	165 37%	0 -	0 -	25 15%	0 -	0 -	110 60%	124 49%
No	680 70%	183 81%	0 -	497 67%	138 100%	45 100%	0 -	52 68%	186 87%	259 58%	0 -	0 -	138 85%	113 100%	227 90%	73 40%	129 51%
(DK/NS)	26 3%	0 -	0 -	26 4%	0 -	0 -	0 -	0 -	0 -	26 6%	0 -	0 -	0 -	0 -	26 10%	0 -	0 -

SECTION H: NO-TILLAGE/DIRECT SEEDING

q81e. What percentage of your total costs to use no-till do you think should be covered by the government?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Important for gov't to provide financial incentives	338	178	12	148	50	57	71	39	42	67	5	7	39	43	109	74	61
Weighted	24346	16369	377**	7600	5689**	4711*	5970*	1773*	2222*	3604*	164**	213**	3215**	3812**	7676*	4803*	3625*
NONE	1048 4%	767 5%	0 -	282 4%	249 4%	296 6%	223 4%	0 -	113 5%	169 5%	0 -	0 -	237 7%	204 5%	273 4%	278 6%	56 2%
1% to 25%	7765 32%	5688 35%	90 24%	1987 26%	2021 36%	1920 41%	1746 29%	502 28%	475 21%	1011 28%	0 -	90 42%	934 29%	1635 43%	2785 36%	914 19%	1365 38%
26% to 50%	10625 44%	6761 41%	221 59%	3643 48%	1667 29%	1932 41%	3161 53%	904 51%	1127 51%	1611 45%	98 60%	123 58%	1773 55%	980 26%	3417 45%	2581 54%	1534 42%
51% to 99%	1447 6%	804 5%	33 9%	610 8%	205 4%	160 3%	440 7%	100 6%	26 1%	484 13%	33 20%	0 -	116 4%	357 9%	300 4%	301 6%	374 10%
100%	1715 7%	1063 6%	0 -	653 9%	728 13%	253 5%	81 1%	211 12%	313 14%	129 4%	0 -	0 -	81 3%	116 3%	513 7%	631 13%	117 3%
(DK/NS)	1745 7%	1287 8%	33 9%	425 6%	819 14%	149 3%	319 5%	56 3%	169 8%	200 6%	33 20%	0 -	75 2%	519 14%	388 5%	99 2%	179 5%
Summary																	
Minimum (excl.0)	5	5	20	5	10	5	5	10	10	5	30	20	20	10	5	10	5
Maximum	100	100	75	100	100	100	100	100	100	100	75	50	100	100	100	100	100
Mean (incl.0)	40	38	40	45 A	41	35	38	46	48	43	51	32	39	33	39	46	39
Mean (excl.0)	42	40	40	47 A	43	37	39	46	51	45	51	32	42	35	41	49	40
Standard Deviation	24	24	16	24	30	22	18	25	25	23	16	11	17	24	23	25	23
Standard Error	1	2	5	2	5	3	2	4	4	3	8	4	3	4	2	3	3

SECTION I: NUTRIENT MANAGEMENT PLANNING

q83. You mentioned that you have a nutrient management plan on your farm. For how many years have you had a nutrient management plan?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
5 or less	11247 41%	5296 30%	966 65%	4985 57%	896 16%	1857 37%	2543 38%	1752 62%	1744 56%	1489 53%	320 68%	646 64%	1346 41%	1070 28%	2814 34%	2718 47%	2967 58%
6 to 10	6372 23%	4457 26%	303 20%	1612 18%	1653 29%	1284 26%	1521 23%	462 16%	642 21%	508 18%	66 14%	237 23%	573 17%	632 16%	1938 23%	1376 24%	1270 25%
11 to 20	4797 17%	3528 20%	123 8%	1146 13%	1114 20%	704 14%	1710 25%	250 9%	550 18%	345 12%	24 5%	98 10%	195 6%	1057 28%	2219 27%	708 12%	390 8%
21+	5160 19%	4089 23%	90 6%	981 11%	1979 35%	1150 23%	961 14%	365 13%	159 5%	457 16%	57 12%	33 3%	1182 36%	1002 26%	1382 17%	955 17%	470 9%
(DK/NS)	70 0	70 0	0 -	0 -	70 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 2%	0 -	0 -	0 -
Summary																	
Minimum (excl.0)	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
Maximum	60	60	50 A	50	50	60	47	50	30	50	50	50	50	60	50	35	50
Mean	12.6	14.8 BC	7.7	9.2	18.3 F	14.7	12.0	9.6	7.8	10.1	9.0	7.0	16.2	17.4 OP	13.1 P	10.7	8.5
Standard Deviation	11.8	12.3	10.2	9.6	12.6	14.4	9.4	11.2	6.7	10.4	12.1	9.1	14.6	14.8	10.5	9.5	9.9
Standard Error	0.5	0.8	1.5	0.7	1.5	1.7	1.0	1.4	0.8	1.3	3.1	1.6	2.2	1.9	0.9	0.9	1.0
Median	7.8	9.2	3.8	4.7	14.1	8.2	8.6	4.6	4.7	4.8	3.2	4.2	8.8	12.1	9.5	5.4	4.6

SECTION I: NUTRIENT MANAGEMENT PLANNING

q84x. What was the main reason for starting to use a nutrient management plan on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
To increase/maximize crop yields	7264	5269	270	1726	1874	1689	1706	705	590	431	90	180	1612	969	2062	993	931
	26%	30% C	18%	20%	33%	34%	25%	25%	19%	15%	19%	18%	49%	25%	25%	17%	18%
To save money	5612	4510	229	872	908	1443	2160	359	272	241	57	172	518	510	1927	1260	1064
	20%	26% C	15%	10%	16%	29%	32% D	13%	9%	9%	12%	17%	16%	13%	23%	22%	21%
More efficient use of fertilizer and manure	5073	3226	344	1502	1120	954	1151	307	725	471	90	254	500	774	1554	1337	867
	18%	18%	23%	17%	20%	19%	17%	11%	23%	17%	19%	25%	15%	20%	19%	23%	17%
Government mandate	3185	325	188	2672	37	86	201	906	847	920	0	188	59	470	592	860	1151
	12%	2%	13% A	31% AB	1%	2%	3%	32%	27%	33%	-	19%	2%	12%	7%	15%	23% N
Concerns about soil quality	1350	1121	98	131	444	297	380	105	0	26	33	66	316	138	450	206	160
	5%	6% C	7% C	2%	8%	6%	6%	4%	-	1%	7%	6%	10%	4%	5%	4%	3%
To ensure proper distribution of nutrients	1036	819	33	185	155	250	414	0	26	158	0	33	0	135	548	169	184
	4%	5%	2%	2%	3%	5%	6%	-	1%	6%	-	3%	-	4%	7%	3%	4%
Environmental benefit	959	575	131	253	449	69	57	97	26	130	131	0	114	363	114	266	69
	3%	3%	9%	3%	8%	1%	1%	3%	1%	5%	28%	-	3%	9% N	1%	5%	1%
To keep up to date with requirements	340	0	57	283	0	0	0	126	31	125	33	24	33	81	84	27	116
	1%	-	4% A	3% A	-	-	-	4%	1%	4%	7%	2%	1%	2%	1%	0	2%
Advised by agronomist	241	157	0	85	0	0	157	0	58	27	0	0	0	0	91	124	26
	1%	1%	-	1%	-	-	2%	-	2%	1%	-	-	-	-	1%	2%	1%
Concerns about water quality	231	106	0	125	0	0	106	52	73	0	0	0	73	52	0	0	106
	1%	1%	-	1%	-	-	2%	2%	2%	-	-	-	2%	1%	-	-	2%
Maximize nutrient value	137	137	0	0	0	69	68	0	0	0	0	0	0	0	137	0	0
	0	1%	-	-	-	1%	1%	-	-	-	-	-	-	-	2%	-	-
To reduce manure usage	73	0	0	73	0	0	0	0	0	73	0	0	0	0	0	73	0
	0	-	-	1%	-	-	-	-	-	3%	-	-	-	-	-	1%	-
Practice crop rotation	42	42	0	0	0	0	42	0	0	0	0	0	0	0	0	0	42
	0	0	-	-	-	-	1%	-	-	-	-	-	-	-	-	-	1%
To save time	25	0	0	25	0	0	0	0	25	0	0	0	0	25	0	0	0
	0	-	-	0	-	-	-	-	1%	-	-	-	-	1%	-	-	-
Other	1651	1095	131	425	597	204	294	26	204	195	33	98	0	314	568	434	308
	6%	6%	9%	5%	10%	4%	4%	1%	7%	7%	7%	10%	-	8%	7%	8%	6%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q84x. What was the main reason for starting to use a nutrient management plan on your farm?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
(DK/NS)	493 2%	127 1%	0 -	365 4% A	127 2%	0 -	0 -	146 5%	219 7% I	0 -	0 -	0 -	73 2%	0 -	227 3%	73 1%	73 1%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q85. Did you develop your farm's nutrient management plan by yourself or did you hire an outside source to prepare most of it for you?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
Did it myself	16182 59%	12827 74% BC	434 29%	2922 33%	4626 81%	3736 75%	4465 66%	891 31%	986 32%	1046 37%	270 58%	163 16%	2148 65%	2654 69% O	4847 58%	2724 47%	2608 51%
Hired outside source	10996 40%	4228 24%	1024 69% A	5744 66% A	905 16%	1052 21%	2271 34% D	1938 69%	2111 68%	1696 61%	197 42%	827 82%	969 29%	1177 31%	3346 40%	3009 52% M	2386 47%
(DK/NS)	467 2%	386 2%	24 2%	56 1%	181 3%	206 4%	0 -	0 -	0 -	56 2%	0 -	24 2%	181 5%	0 -	160 2%	24 0	102 2%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q86. How satisfied are you with the nutrient management plan for your farm. Would you say that you are?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
Very satisfied	12983 47%	7549 43%	860 58%	4574 52%	2314 41%	2014 40%	3221 48%	1357 48%	1423 46%	1794 64%	246 53%	614 61%	1346 41%	1827 48%	3637 44%	3137 54%	2508 49%
Somewhat satisfied	13819 50%	9465 54%	524 35%	3830 44%	3274 57%	2939 59%	3252 48%	1445 51%	1492 48%	893 32%	156 33%	368 36%	1851 56%	1944 51%	4340 52%	2480 43%	2452 48%
Not very satisfied	670 2%	319 2%	33 2%	318 4%	81 1%	42 1%	196 3%	26 1%	181 6%	111 4%	33 7%	0 -	59 2%	26 1%	375 4%	140 2%	70 1%
Not satisfied at all	141 1%	108 1%	33 2%	0 -	42 1%	0 -	66 1%	0 -	0 -	0 -	33 7%	0 -	42 1%	0 -	0 -	0 -	66 1%
(DK/NS)	33 0	0 -	33 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 3%	0 -	33 1%	0 -	0 -	0 -
Summary																	
Top2box (Satisfied)	26802 97%	17014 98%	1384 93%	8404 96%	5589 98%	4953 99%	6473 96%	2802 99%	2915 94%	2687 96%	401 86%	982 97%	3197 97%	3772 98%	7977 96%	5617 98%	4960 97%
Low2box (Not Satisfied)	811 3%	427 2%	66 4%	318 4%	123 2%	42 1%	263 4%	26 1%	181 6%	111 4%	66 14%	0 -	101 3%	26 1%	375 4%	140 2%	136 3%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using a nutrient management plan. How about ... ?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

	Total	PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
		West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield to your cereal crops from applying the required nutrients at recommended rates.																	
Base: Valid respondents	291	209	30	52	62	64	83	23	20	9	8	22	28	41	81	66	64
Weighted	20042	16547	875**	2620*	5125*	4733*	6689*	1330**	810**	480**	246**	630**	2519**	2986**	6071*	3732*	3590*
Yes	14866 74%	12984 78%	499 57%	1383 53%	3819 75%	3488 74%	5677 85%	838 63%	356 44%	188 39%	180 73%	319 51%	2336 93%	2107 71%	4920 81%	2810 75%	2006 56%
No	4507 22%	3058 18%	286 33%	1163 44%	887 17%	1159 24%	1012 15%	418 31%	453 56%	292 61%	66 27%	221 35%	184 7%	496 17%	1009 17%	898 24%	1551 43%
(DK/NS)	669 3%	506 3%	90 10%	73 3%	419 8%	87 2%	0 -	73 6%	0 -	0 -	0 -	90 14%	0 -	383 13%	142 2%	24 1%	33 1%
Change in yield to your pulse crops from applying the required nutrients at recommended rates.																	
Base: Valid respondents	26	26	0	0	7	7	12	0	0	0	0	0	5	6	8	2	3
Weighted	2868*	2868**	-**	-**	1080**	725**	1063**	-**	-**	-**	-**	-**	521**	936**	701**	181**	244**
Yes	959 33%	959 33%	0 -	0 -	134 12%	456 63%	369 35%	0 -	0 -	0 -	0 -	0 -	398 76%	271 29%	174 25%	0 -	116 48%
No	1056 37%	1056 37%	0 -	0 -	465 43%	200 28%	391 37%	0 -	0 -	0 -	0 -	0 -	123 24%	183 20%	377 54%	44 24%	44 18%
(DK/NS)	853 30%	853 30%	0 -	0 -	481 45%	69 9%	303 29%	0 -	0 -	0 -	0 -	0 -	0 -	481 51%	150 21%	138 76%	84 35%
Change in yield to your canola crops from applying the required nutrients at recommended rates.																	
Base: Valid respondents	132	132	0	0	33	38	61	0	0	0	0	0	9	18	39	28	33
Weighted	9533	9533	-**	-**	2342**	2592*	4598*	-**	-**	-**	-**	-**	670**	1161**	3254**	1995**	2037**
Yes	7304 77%	7304 77%	0 -	0 -	1835 78%	1989 77%	3479 76%	0 -	0 -	0 -	0 -	0 -	606 90%	858 74%	2831 87%	1404 70%	1444 71%
No	1793 19%	1793 19%	0 -	0 -	349 15%	448 17%	996 22%	0 -	0 -	0 -	0 -	0 -	64 10%	190 16%	342 11%	549 28%	525 26%
(DK/NS)	436 5%	436 5%	0 -	0 -	158 7%	155 6%	123 3%	0 -	0 -	0 -	0 -	0 -	0 -	112 10%	81 2%	42 2%	68 3%
Change in yield to your soybean crop from applying the required nutrients at recommended rates.																	
Base: Valid respondents	109	0	0	109	0	0	0	23	39	47	0	0	8	12	36	33	18
Weighted	4454*	-**	-**	4454*	-**	-**	-**	801**	1675*	1978*	-**	-**	334**	561**	1301**	1377**	799**
Yes	1061 24%	0 -	0 -	1061 24%	0 -	0 -	0 -	268 33%	399 24%	395 20%	0 -	0 -	153 46%	166 30%	160 12%	488 35%	69 9%
No	3212 72%	0 -	0 -	3212 72%	0 -	0 -	0 -	533 67%	1147 68%	1532 77%	0 -	0 -	108 32%	394 70%	1141 88%	833 60%	679 85%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87a. I would like to get your thoughts on whether you feel that you have experienced a change in any of the following as a result of using a nutrient management plan. How about ... ?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
(DK/NS)	181 4%	0 -	0 -	181 4%	0 -	0 -	0 -	0 -	130 8%	51 3%	0 -	0 -	73 22%	0 -	0 -	56 4%	51 6%
Change in yield to your corn crop from applying the required nutrients at recommended rates.																	
Base: Valid respondents Weighted	165	0	14	151	0	0	0	42	53	56	2	12	6	13	53	58	32
Yes	6811 40%	-**	434**	6377 39%	-**	-**	-**	1733*	2271*	2372*	66**	369**	264**	507**	2021*	2357*	1528**
No	2734 58%	0 -	279 64%	2456 59%	0 -	0 -	0 -	728 42%	977 43%	751 32%	33 50%	246 67%	237 90%	270 53%	751 37%	1056 45%	337 22%
(DK/NS)	3921 2%	0 -	156 -	3765 2%	0 -	0 -	0 -	849 9% HI	1295 -	1621 -	33 -	123 -	26 -	237 -	1114 8%	1301 -	1191 -
Change in yield to your potato crop from applying the required nutrients at recommended rates.																	
Base: Valid respondents Weighted	17	0	17	0	0	0	0	0	0	0	4	13	2	1	1	5	8
Yes	483* 59%	-**	483**	-**	-**	-**	-**	-**	-**	-**	114**	368**	57**	24**	33**	156**	212**
No	286 34%	0 -	286 34%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	114 -	172 44%	57 -	24 -	33 -	66 37%	106 50%
(DK/NS)	163 7%	0 -	163 7%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 9%	0 -	0 -	0 -	33 21%	0 -

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87b. Would this change be an increase or decrease?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Change in yield to ALL CROPS																	
Base: Have experienced a change Weighted	289	177	28	84	51	55	71	27	34	23	9	19	33	42	87	69	50
	18294	13918	835**	3541*	4083*	3914*	5921*	1351**	1281**	909**	270**	565**	2632**	2559**	5913*	3688*	2733*
Increase	17532 96%	13813 99%	802 96%	2917 82%	3996 98%	3914 100%	5902 100%	937 69%	1124 88%	857 94%	237 88%	565 100%	2254 86%	2502 98%	5746 97%	3627 98%	2633 96%
Decrease	435 2%	106 1%	24 3%	304 9%	87 2%	0 -	19 0	96 7%	156 12%	53 6%	0 -	24 4%	0 -	56 2%	193 3%	61 2%	124 5%
(DK/NS)	378 2%	0 -	33 4%	346 10%	0 -	0 -	0 -	318 24%	27 2%	0 -	33 12%	0 -	378 14%	0 -	0 -	0 -	0 -
Change in yield to your cereal crops from applying the required nutrients at recommended rates.																	
Base: Experienced a change Weighted	206	163	17	26	47	50	66	12	10	4	6	11	26	31	64	46	33
	14866	12984	499**	1383**	3819*	3488*	5677*	838**	356**	188**	180**	319**	2336**	2107**	4920*	2810*	2006**
Increase	14175 95%	12740 98%	466 93%	969 70%	3732 98%	3488 100%	5521 97%	477 57%	303 85%	188 100%	147 82%	319 100%	1957 84%	1969 93%	4807 98%	2749 98%	2006 100%
Decrease	175 1%	106 1%	0 -	69 5%	87 2%	0 -	19 0	43 5%	26 7%	0 -	0 -	0 -	0 -	0 -	113 2%	61 2%	0 -
(DK/NS)	516 3%	138 1%	33 7%	346 25%	0 -	0 -	138 2%	318 38%	27 8%	0 -	33 18%	0 -	378 16%	138 7%	0 -	0 -	0 -
Change in yield to your pulse crops from applying the required nutrients at recommended rates.																	
Base: Experienced a change Weighted	9	9	0	0	2	4	3	0	0	0	0	0	3	3	2	0	1
	959*	959**	-**	-**	134**	456**	369**	-**	-**	-**	-**	-**	398**	271**	174**	-**	116**
Increase	959 100%	959 100%	0 -	0 -	134 100%	456 100%	369 100%	0 -	0 -	0 -	0 -	0 -	398 100%	271 100%	174 100%	0 -	116 100%
Change in yield to your canola crops from applying the required nutrients at recommended rates.																	
Base: Experienced a change Weighted	97	97	0	0	24	30	43	0	0	0	0	0	7	14	33	19	23
	7304*	7304*	-**	-**	1835**	1989**	3479*	-**	-**	-**	-**	-**	606**	858**	2831**	1404**	1444**
Increase	7234 99%	7234 99%	0 -	0 -	1835 100%	1989 100%	3409 98%	0 -	0 -	0 -	0 -	0 -	606 100%	858 100%	2831 100%	1404 100%	1374 95%
(DK/NS)	70 1%	70 1%	0 -	0 -	0 -	0 -	70 2%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	70 5%
Change in yield to your soybean crop from applying the required nutrients at recommended rates.																	
Base: Experienced a change Weighted	28	0	0	28	0	0	0	8	11	9	0	0	4	4	6	11	2
	1061*	-**	-**	1061**	-**	-**	-**	268**	399**	395**	-**	-**	153**	166**	160**	488**	69**
Increase	982 92%	0 -	0 -	982 92%	0 -	0 -	0 -	268 100%	372 93%	342 87%	0 -	0 -	126 82%	166 100%	133 84%	488 100%	43 62%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87b. Would this change be an increase or decrease?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Decrease	53 5%	0 -	0 -	53 5%	0 -	0 -	0 -	0 -	0 -	53 13%	0 -	0 -	0 -	0 -	26 16%	0 -	26 38%
(DK/NS)	27 3%	0 -	0 -	27 3%	0 -	0 -	0 -	0 -	27 7%	0 -	0 -	0 -	27 18%	0 -	0 -	0 -	0 -
Change in yield to your corn crop from applying the required nutrients at recommended rates.																	
Base: Experienced a change	73	0	9	64	0	0	0	19	26	19	1	8	5	8	23	26	9
Weighted	2734*	**	279**	2456*	**	**	**	728**	977**	751**	33**	246**	237**	270**	751**	1056**	337**
Increase	2499 91%	0 -	279 100%	2220 90%	0 -	0 -	0 -	675 93%	847 87%	699 93%	33 100%	246 100%	237 100%	214 79%	671 89%	1056 100%	237 70%
Decrease	236 9%	0 -	0 -	236 10%	0 -	0 -	0 -	53 7%	130 13%	53 7%	0 -	0 -	0 -	56 21%	80 11%	0 -	100 30%
Change in yield to your potato crop from applying the required nutrients at recommended rates.																	
Base: Experienced a change	10	0	10	0	0	0	0	0	0	0	4	6	2	1	1	2	4
Weighted	286*	**	286**	**	**	**	**	**	**	**	114**	172**	57**	24**	33**	66**	106**
Increase	262 91%	0 -	262 91%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	114 100%	147 86%	57 100%	24 100%	33 100%	66 100%	82 77%
Decrease	24 9%	0 -	24 9%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 14%	0 -	0 -	0 -	0 -	24 23%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c1_1. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your cereal crops from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	198	160	16	22	46	50	64	10	8	4	5	11	23	30	62	44	33
	14175	12740	466**	969**	3732*	3488*	5521*	477**	303**	188**	147**	319**	1957**	1969**	4807*	2749*	2006**
1-2	479 3%	420 3%	33 7%	26 3%	81 2%	46 1%	293 5%	0 -	26 9%	0 -	0 -	33 10%	171 9%	26 1%	0 -	125 5%	156 8%
3-5	4722 33%	4323 34%	90 19%	309 32%	673 18%	1274 37%	2375 43% D	164 34%	0 -	146 77%	0 -	90 28%	444 23%	553 28%	1833 38%	1099 40%	662 33%
6+	6779 48%	6376 50%	147 32%	255 26%	2391 64% F	1730 50%	2255 41%	173 36%	83 27%	0 -	57 39%	90 28%	944 48%	1172 60%	2475 51%	903 33%	890 44%
(DK/NS)	2195 15%	1621 13%	196 42%	378 39%	587 16%	437 13%	597 11%	141 30%	194 64%	43 23%	90 61%	106 33%	398 20%	218 11%	498 10%	622 23%	297 15%
Summary																	
Minimum (excl.0)	1	1	2	1	2	2	1	3	1	4	10	2	1	1	3	2	2
Maximum	15	15	15	10	15	15	15	10	10	5	12	15	15	15	15	15	15
Mean	8.0	8.0	8.0	6.6	9.6	8.0	7.1	7.2	7.1	4.7	10.9	7.2	8.2	9.0	7.9	6.9	8.3
Standard Deviation	4.0	4.1	3.8	2.9	3.9	4.2	3.8	2.9	3.7	0.4	1.0	4.0	4.0	4.2	3.8	3.8	4.8
Standard Error	0.3	0.3	1.3	0.8	0.6	0.6	0.5	1.1	2.1	0.3	0.7	1.5	0.9	0.8	0.5	0.7	0.9
Median	6.4	6.5	5.6	4.8	8.5	6.0	4.9	5.1	7.1	4.3	10.0	4.5	7.7	8.2	5.9	4.7	6.3

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c1_2. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your pulse crops from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	9	9	0	0	2	4	3	0	0	0	0	0	3	3	2	0	1
	959*	959**	-**	-**	134**	456**	369**	-**	-**	-**	-**	-**	398**	271**	174**	-**	116**
3-5	406 42%	406 42%	0 -	0 -	0 -	174 38%	232 63%	0 -	0 -	0 -	0 -	0 -	116 29%	0 -	174 100%	0 -	116 100%
6+	554 58%	554 58%	0 -	0 -	134 100%	282 62%	138 37%	0 -	0 -	0 -	0 -	0 -	282 71%	271 100%	0 -	0 -	0 -
Summary																	
Minimum (excl.0)	4	4	0	0	8	4	5	0	0	0	0	0	5	8	4	0	5
Maximum	15	15	0	0	15	10	10	0	0	0	0	0	10	15	4	0	5
Mean	7.7	7.7	0	0	12.7	6.8	6.9	0	0	0	0	0	7.5	11.3	4.0	0	5.0
Standard Deviation	3.2	3.2	0	0	3.3	2.3	2.4	0	0	0	0	0	1.8	2.7	0.0	0	0.0
Standard Error	1.1	1.1	0	0	2.3	1.2	1.4	0	0	0	0	0	1.0	1.5	0.0	0	0.0
Median	5.9	5.9	0	0	9.8	5.1	5.0	0	0	0	0	0	6.2	9.3	4.0	0	5.0

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c1_3. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your canola crops from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	96	96	0	0	24	30	42	0	0	0	0	0	7	14	33	19	22
	7234*	7234*	-**	-**	1835**	1989**	3409*	-**	-**	-**	-**	-**	606**	858**	2831**	1404**	1374**
1-2	1086 15%	1086 15%	0 -	0 -	19 1%	172 9%	896 26%	0 -	0 -	0 -	0 -	0 -	337 56%	0 -	407 14%	46 3%	296 22%
3-5	3057 42%	3057 42%	0 -	0 -	789 43%	1052 53%	1215 36%	0 -	0 -	0 -	0 -	0 -	88 15%	479 56%	1230 43%	820 58%	440 32%
6+	2595 36%	2595 36%	0 -	0 -	786 43%	728 37%	1081 32%	0 -	0 -	0 -	0 -	0 -	181 30%	299 35%	1157 41%	538 38%	422 31%
(DK/NS)	495 7%	495 7%	0 -	0 -	242 13%	37 2%	217 6%	0 -	0 -	0 -	0 -	0 -	0 -	81 9%	37 1%	0 -	217 16%
Summary																	
Minimum (excl.0)	1	1	0	0	2	2	1	0	0	0	0	0	1	5	2	3	1
Maximum	15	15	0	0	15	15	15	0	0	0	0	0	10	15	15	15	10
Mean	6.5	6.5	0	0	8.5	6.6	5.5	0	0	0	0	0	4.7	7.6	6.8	6.7	5.8
Standard Deviation	3.9	3.9	0	0	4.4	3.3	3.5	0	0	0	0	0	3.7	3.9	4.1	3.7	3.3
Standard Error	0.4	0.4	0	0	0.9	0.6	0.6	0	0	0	0	0	1.4	1.1	0.7	0.8	0.8
Median	4.8	4.8	0	0	5.0	4.9	4.3	0	0	0	0	0	1.9	5.0	4.9	4.6	4.5

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c1_4. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your soybean crop from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	25	0	0	25	0	0	0	8	10	7	0	0	3	4	5	11	1
	982*	-.**	-.**	982**	-.**	-.**	-.**	268**	372**	342**	-.**	-.**	126**	166**	133**	488**	43**
1-2	26 3%	0 -	0 -	26 3%	0 -	0 -	0 -	0 -	0 -	26 8%	0 -	0 -	0 -	0 -	0 -	26 5%	0 -
3-5	333 34%	0 -	0 -	333 34%	0 -	0 -	0 -	135 50%	156 42%	43 12%	0 -	0 -	0 -	56 34%	0 -	234 48%	43 100%
6+	389 40%	0 -	0 -	389 40%	0 -	0 -	0 -	80 30%	136 37%	173 50%	0 -	0 -	26 21%	84 50%	80 60%	173 35%	0 -
(DK/NS)	234 24%	0 -	0 -	234 24%	0 -	0 -	0 -	53 20%	80 21%	101 29%	0 -	0 -	100 79%	26 16%	53 40%	54 11%	0 -
Summary																	
Minimum (excl.0)	2	0	0	2	0	0	0	3	5	2	0	0	10	3	7	2	5
Maximum	15	0	0	15	0	0	0	10	15	15	0	0	10	10	15	15	5
Mean	7.5	0	0	7.5	0	0	0	5.7	7.5	8.9	0	0	10.0	7.2	10.6	6.9	5.0
Standard Deviation	3.9	0	0	3.9	0	0	0	3.3	3.2	4.4	0	0	0	3.4	3.3	4.1	0.0
Standard Error	0.9	0	0	0.9	0	0	0	1.4	1.2	2.0	0	0	0	2.0	1.9	1.4	0.0
Median	6.1	0	0	6.1	0	0	0	3.0	5.0	6.6	0	0	10.0	4.1	8.4	4.7	5.0

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c1_5. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your corn crop from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	67	0	9	58	0	0	0	17	24	17	1	8	5	7	20	26	7
	2499*	-.**	279**	2220*	-.**	-.**	-.**	675**	847**	699**	33**	246**	237**	214**	671**	1056**	237**
1-2	81 3%	0 -	0 -	81 4%	0 -	0 -	0 -	0 -	54 6%	26 4%	0 -	0 -	0 -	0 -	27 4%	27 3%	26 11%
3-5	415 17%	0 -	98 35%	316 14%	0 -	0 -	0 -	181 27%	79 9%	56 8%	33 100%	66 27%	56 24%	0 -	59 9%	210 20%	89 38%
6+	1055 42%	0 -	24 9%	1031 46%	0 -	0 -	0 -	234 35%	370 44%	427 61%	0 -	24 10%	155 65%	105 49%	253 38%	390 37%	70 29%
(DK/NS)	948 38%	0 -	156 56%	792 36%	0 -	0 -	0 -	259 38%	344 41%	190 27%	0 -	156 63%	26 11%	109 51%	332 49%	428 41%	52 22%
Summary																	
Minimum (excl.0)	1	0	3	1	0	0	0	5	2	1	3	3	5	6	2	2	1
Maximum	15	0	10	15	0	0	0	15	15	15	3	10	15	15	15	15	15
Mean	9.2	0	4.9	9.6	0	0	0	7.8	9.5	11.2	3.0	5.6	12.0	10.2	7.8	9.1	7.0
Standard Deviation	4.5	0	2.7	4.4	0	0	0	3.5	4.4	4.4	0.0	2.8	4.3	3.2	3.4	4.6	4.7
Standard Error	0.7	0	1.3	0.7	0	0	0	1.2	1.1	1.3	0.0	1.6	2.2	1.6	1.1	1.2	2.1
Median	8.3	0	3.0	8.6	0	0	0	6.0	8.9	10.1	3.0	3.7	12.6	8.0	6.7	7.7	4.0

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c1_6. Please tell me how much of an INCREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your potato crop from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced an Increased change Weighted	9	0	9	0	0	0	0	0	0	0	4	5	2	1	1	2	3
	262*	-.**	262**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	114**	147**	57**	24**	33**	66**	82**
6+	114 44%	0 -	114 44%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	57 50%	57 39%	33 57%	24 100%	0 -	0 -	57 70%
(DK/NS)	147 56%	0 -	147 56%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	57 50%	90 61%	24 43%	0 -	33 100%	66 100%	24 30%
Summary																	
Minimum (excl.0)	10	0	10	0	0	0	0	0	0	0	15	10	15	15	0	0	10
Maximum	15	0	15	0	0	0	0	0	0	0	15	15	15	15	0	0	15
Mean	13.9	0	13.9	0	0	0	0	0	0	0	15.0	12.9	15.0	15.0	0	0	12.9
Standard Deviation	2.1	0	2.1	0	0	0	0	0	0	0	0.0	2.5	0.0	0	0	0	2.5
Standard Error	1.0	0	1.0	0	0	0	0	0	0	0	0.0	1.8	0.0	0	0	0	1.8
Median	11.8	0	11.8	0	0	0	0	0	0	0	15.0	10.6	15.0	15.0	0	0	10.6

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c2_1. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your cereal crops from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced a Decreased change Weighted	4	2	0	2	1	0	1	1	1	0	0	0	0	0	2	2	0
	175*	106**	-.**	69**	87**	-.**	19**	43**	26**	-.**	-.**	-.**	-.**	-.**	113**	61**	-.**
3-5	87 50%	87 82%	0 -	0 -	87 100%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	87 77%	0 -	0 -
(DK/NS)	87 50%	19 18%	0 -	69 100%	0 -	0 -	19 100%	43 100%	26 100%	0 -	0 -	0 -	0 -	0 -	26 23%	61 100%	0 -
Summary																	
Minimum (excl.0)	5	5	0	0	5	0	0	0	0	0	0	0	0	0	5	0	0
Maximum	5	5	0	0	5	0	0	0	0	0	0	0	0	0	5	0	0
Mean	5.0	5.0	0	0	5.0	0	0	0	0	0	0	0	0	0	5.0	0	0
Standard Deviation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Standard Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	5.0	5.0	0	0	5.0	0	0	0	0	0	0	0	0	0	5.0	0	0

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c2_4. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your soybean crop from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced a Decreased change Weighted	2	0	0	2	0	0	0	0	0	2	0	0	0	0	1	0	1
	53*	-.**	-.**	53**	-.**	-.**	-.**	-.**	-.**	53**	-.**	-.**	-.**	-.**	26**	-.**	26**
3-5	26 50%	0 -	0 -	26 50%	0 -	0 -	0 -	0 -	0 -	26 50%	0 -	0 -	0 -	0 -	26 100%	0 -	0 -
6+	26 50%	0 -	0 -	26 50%	0 -	0 -	0 -	0 -	0 -	26 50%	0 -	0 -	0 -	0 -	0 -	0 -	26 100%
Summary																	
Minimum (excl.0)	5	0	0	5	0	0	0	0	0	5	0	0	0	0	5	0	7
Maximum	7	0	0	7	0	0	0	0	0	7	0	0	0	0	5	0	7
Mean	6.0	0	0	6.0	0	0	0	0	0	6.0	0	0	0	0	5.0	0	7.0
Standard Deviation	1.0	0	0	1.0	0	0	0	0	0	1.0	0	0	0	0	0	0	0.0
Standard Error	0.7	0	0	0.7	0	0	0	0	0	0.7	0	0	0	0	0	0	0.0
Median	6.0	0	0	6.0	0	0	0	0	0	6.0	0	0	0	0	5.0	0	7.0

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c2_5. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your corn crop from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced a Decreased change Weighted	6	0	0	6	0	0	0	2	2	2	0	0	0	1	3	0	2
	236*	-.**	-.**	236**	-.**	-.**	-.**	53**	130**	53**	-.**	-.**	-.**	56**	80**	-.**	100**
1-2	26 11%	0 -	0 -	26 11%	0 -	0 -	0 -	26 49%	0 -	0 -	0 -	0 -	0 -	0 -	26 33%	0 -	0 -
3-5	73 31%	0 -	0 -	73 31%	0 -	0 -	0 -	0 -	73 57%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	73 74%
6+	53 22%	0 -	0 -	53 22%	0 -	0 -	0 -	0 -	0 -	53 100%	0 -	0 -	0 -	0 -	26 33%	0 -	26 26%
(DK/NS)	84 35%	0 -	0 -	84 35%	0 -	0 -	0 -	27 51%	56 43%	0 -	0 -	0 -	0 -	56 100%	27 34%	0 -	0 -
Summary																	
Minimum (excl.0)	1	0	0	1	0	0	0	1	5	15	0	0	0	0	1	0	5
Maximum	15	0	0	15	0	0	0	1	5	15	0	0	0	0	15	0	15
Mean	7.8	0	0	7.8	0	0	0	1.0	5.0	15.0	0	0	0	0	8.0	0	7.6
Standard Deviation	5.5	0	0	5.5	0	0	0	0.0	0.0	0.0	0	0	0	0	7.1	0	4.4
Standard Error	2.7	0	0	2.7	0	0	0	0.0	0.0	0.0	0	0	0	0	5.0	0	3.1
Median	3.7	0	0	3.7	0	0	0	1.0	5.0	15.0	0	0	0	0	8.0	0	5.0

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87c2_6. Please tell me how much of a DECREASE in bushels per acre you have seen as result of using a nutrient management plan. Change in yield to your potato crop from applying the required nutrients at recommended rates.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Experienced a Decreased change Weighted	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	24*	-.**	24**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	-.**	24**	-.**	-.**	-.**	-.**	24**
3-5	24	0	24	0	0	0	0	0	0	0	0	24	0	0	0	0	24
	100%	-	100%	-	-	-	-	-	-	-	-	100%	-	-	-	-	100%
Summary																	
Minimum (excl.0)	5	0	5	0	0	0	0	0	0	0	0	5	0	0	0	0	5
Maximum	5	0	5	0	0	0	0	0	0	0	0	5	0	0	0	0	5
Mean	5.0	0	5.0	0	0	0	0	0	0	0	0	5.0	0	0	0	0	5.0
Standard Deviation	0.0	0	0.0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0.0
Standard Error	0.0	0	0.0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0.0
Median	5.0	0	5.0	0	0	0	0	0	0	0	0	5.0	0	0	0	0	5.0

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87d. Have you noticed a change to input and operational costs from applying the required amount of nutrients based on your plan?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
Yes	18551 67%	12375 71% C	917 62%	5258 60%	4018 70%	3441 69%	4917 73%	1800 64%	1717 55%	1742 62%	270 58%	647 64%	2351 71%	2329 61%	6115 73%	3494 61%	3249 64%
No	8330 30%	4495 26%	500 34%	3335 38% A	1123 20%	1553 31%	1819 27%	955 34%	1323 43%	1056 38%	197 42%	303 30%	928 28%	1133 30%	2008 24%	2148 37% N	1815 36%
(DK/NS)	766 3%	570 3%	66 4%	130 1%	570 10% EF	0 -	0 -	73 3%	56 2%	0 -	0 -	66 6%	19 1%	369 10% P	229 3%	116 2%	33 1%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87e. Would this change be an increase or decrease?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have noticed a change to costs	318	161	31	126	52	48	61	39	44	43	9	22	27	41	100	74	66
Weighted	18551	12375	917*	5258*	4018*	3441*	4917*	1800**	1717*	1742*	270**	647**	2351**	2329**	6115*	3494*	3249*
Increase	11437 62%	9183 74% BC	336 37%	1918 36%	3102 77%	2568 75%	3513 71%	382 21%	758 44%	779 45%	180 67%	156 24%	1918 82%	1635 70%	3713 61% P	1962 56%	1299 40%
Decrease	7003 38%	3141 25%	548 60% A	3314 63% A	865 22%	872 25%	1404 29%	1418 79%	959 56%	937 54%	90 33%	458 71%	433 18%	642 28%	2402 39%	1473 42%	1949 60% N
(DK/NS)	110 1%	51 0	33 4%	26 0	51 1%	0 -	0 -	0 -	0 -	26 2%	0 -	33 5%	0 -	51 2%	0 -	59 2%	0 -

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87f. Please tell me how much of an INCREASE in dollars per acre you have seen as a result of using a nutrient management plan.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Said change would an Increase Weighted	167	111	11	45	36	35	40	9	20	16	6	5	22	28	53	34	22
	11437	9183*	336**	1918*	3102**	2568**	3513*	382**	758**	779**	180**	156**	1918**	1635**	3713*	1962**	1299**
5 or less	1414 12%	1283 14%	0 -	130 7%	185 6%	350 14%	748 21%	52 14%	0 -	78 10%	0 -	0 -	317 17%	106 7%	574 15%	229 12%	187 14%
6 - 10	2448 21%	2222 24%	33 10%	193 10%	517 17%	800 31%	905 26%	64 17%	0 -	129 17%	33 18%	0 -	430 22%	276 17%	1127 30%	280 14%	108 8%
11 - 20	3062 27%	2738 30%	114 34%	209 11%	765 25%	838 33%	1136 32%	0 -	183 24%	26 3%	49 27%	66 42%	359 19%	395 24%	917 25%	734 37%	518 40%
21 - 50	1758 15%	1039 11%	33 10%	685 36%	469 15%	285 11%	285 8%	106 28%	250 33%	330 42%	0 -	33 21%	178 9%	520 32%	359 10%	250 13%	204 16%
51+	468 4%	293 3%	0 -	175 9%	181 6%	45 2%	66 2%	52 14%	81 11%	43 5%	0 -	0 -	183 10%	78 5%	54 1%	44 2%	109 8%
(DK/NS)	2288 20%	1607 18%	156 46%	525 27%	984 32%	250 10%	373 11%	108 28%	244 32%	173 22%	98 55%	57 37%	451 24%	259 16%	683 18%	425 22%	172 13%
Summary																	
Minimum (excl.0)	0	0	10	1	5	5	0	1	15	5	10	20	1	5	1	0	3
Maximum	70	70	50	70	70	70	70	60	70	60	20	50	70	60	70	70	70
Mean	19.2	16.9	23.6	30.7	22.7	15.8	14.0	30.8	34.3	27.7	16.0	30.0	20.7	23.5	15.0	17.6	24.6
Standard Deviation	16.1	14.6	13.0	19.3	18.3	13.0	11.4	23.3	17.8	17.8	4.9	14.2	20.9	15.8	12.8	13.3	20.3
Standard Error	1.4	1.5	5.3	3.4	3.7	2.3	1.9	8.8	4.9	4.9	2.8	8.2	5.1	3.4	2.0	2.6	4.6
Median	13.4	12.4	15.0	25.8	15.0	10.1	9.5	21.6	24.3	23.4	11.6	20.0	9.7	17.0	9.4	14.3	14.2

SECTION I: NUTRIENT MANAGEMENT PLANNING

q87f1. Please tell me how much of a **DECREASE** in dollars per acre you have seen as a result of using a nutrient management plan.

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Said change would a Decrease Weighted	148	49	19	80	15	13	21	30	24	26	3	16	5	12	47	38	44
	7003*	3141*	548**	3314*	865**	872**	1404**	1418**	959**	937**	90**	458**	433**	642**	2402**	1473*	1949*
5 or less	1667 24%	1537 49% C	24 4%	105 3%	488 56%	343 39%	707 50%	26 2%	0 -	79 8%	0 -	24 5%	45 10%	174 27%	715 30%	225 15%	450 23%
6 - 10	1373 20%	862 27%	90 16%	421 13%	218 25%	138 16%	507 36%	108 8%	126 13%	187 20%	0 -	90 20%	44 10%	144 22%	721 30%	127 9%	291 15%
11 - 20	1039 15%	205 7%	57 10%	776 23% A	1 0	204 23%	0 -	160 11%	536 56%	81 9%	33 36%	24 5%	0 -	26 4%	338 14%	211 14%	464 24%
21 - 50	1285 18%	226 7%	139 25%	920 28% A	90 10%	136 16%	0 -	323 23%	244 25%	353 38%	0 -	139 30%	0 -	201 31%	445 19%	390 26%	249 13%
51+	352 5%	68 2%	57 10%	226 7%	68 8%	0 -	0 -	199 14%	27 3%	0 -	0 -	57 13%	0 -	0 -	0 -	210 14%	141 7%
(DK/NS)	1288 18%	242 8%	180 33%	866 26% A	0 -	51 6%	191 14%	602 42%	26 3%	237 25%	57 64%	123 27%	345 80%	97 15%	182 8%	309 21%	355 18%
Summary																	
Minimum (excl.0)	2	2	2	2	4	4	2	5	10	2	15	2	5	4	2	2	2
Maximum	70	70	70	70	70	25	10	70	70	50	15	70	10	30	50	70	70
Mean	19.0	9.7	29.3	28.4 A	13.9	11.8	5.3	37.2	23.1	25.1	15.0	30.7	7.5	15.8	13.9	30.4	20.3
Standard Deviation	18.2	11.4	21.9	18.4	18.0	7.7	2.5	22.1	12.6	16.4	0.0	22.4	2.5	10.8	12.1	23.7	19.4
Standard Error	1.6	1.7	6.1	2.3	4.7	2.2	0.6	4.8	2.6	3.6	0.0	6.5	1.5	3.4	1.9	4.3	3.2
Median	9.6	4.9	21.9	19.4	4.9	7.5	4.6	27.8	17.5	20.2	15.0	24.4	5.0	8.4	7.0	20.8	11.7

SECTION I: NUTRIENT MANAGEMENT PLANNING

q88. Factoring in all costs and dollar benefits, do you believe that having a formal nutrient management plan has resulted in an economic net gain, a net loss, or no change for your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
Net gain	17401 63%	11905 68%	966 65%	4530 52%	3495 61%	3654 73%	4755 71%	1803 64%	1459 47%	1268 45%	279 60%	688 68%	2203 67%	1992 52%	5830 70%	3837 67%	2943 58%
Net loss	2308 8%	1661 10%	57 4%	590 7%	925 16%	319 6%	417 6%	194 7%	184 6%	212 8%	0 -	57 6%	505 15%	204 5%	643 8%	127 2%	541 11%
No change	7622 28%	3764 22%	402 27%	3456 40%	1291 23%	1021 20%	1451 22%	759 27%	1380 45%	1318 47%	164 35%	237 23%	590 18%	1504 39%	1806 22%	1793 31%	1500 29%
(DK/NS)	316 1%	112 1%	57 4%	147 2%	0 -	0 -	112 2%	73 3%	73 2%	0 -	24 5%	33 3%	0 -	131 3%	73 1%	0 -	112 2%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q89a. Have you received any financial incentive from the government to assist you with developing or using your nutrient management plan?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
Yes	2354 9%	313 2%	647 44% AC	1394 16% A	70 1%	0 -	243 4%	439 16%	543 18%	412 15%	131 28%	516 51%	198 6%	155 4%	476 6%	634 11%	690 14%
No	25292 91%	17128 98% BC	835 56% B	7328 84% B	5642 99%	4994 100%	6492 96%	2389 84%	2553 82%	2386 85%	336 72%	499 49%	3100 94%	3676 96%	7876 94%	5124 89%	4406 86%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q89b. How important do you feel it is for the government to provide financial incentives or grants for farmers to use a nutrient management plan?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
Very important	12036 44%	5706 33%	852 57%	5478 63%	1810 32%	1552 31%	2345 35%	1881 66%	1748 56%	1850 66%	311 67%	540 53%	2209 67%	1286 34%	3125 37%	2481 43%	2417 47%
Somewhat important	8306 30%	6016 34%	327 22%	1963 23%	2093 37%	1581 32%	2342 35%	680 24%	957 31%	326 12%	66 14%	262 26%	552 17%	1222 32%	3266 39%	1503 26%	1295 25%
Not very important	4056 15%	3326 19%	115 8%	616 7%	888 16%	1106 22%	1332 20%	136 5%	143 5%	337 12%	24 5%	90 9%	281 9%	790 21%	1141 14%	972 17%	733 14%
Not important at all	3187 12%	2393 14%	156 11%	638 7%	921 16%	755 15%	717 11%	132 5%	249 8%	258 9%	33 7%	123 12%	255 8%	533 14%	793 9%	800 14%	618 12%
(DK/NS)	60 0	0 -	33 2%	27 0	0 -	0 -	0 -	0 -	0 -	27 1%	33 7%	0 -	0 -	0 -	27 0	0 -	33 1%
Summary																	
Top2box (Important)	20343 74%	11722 67%	1179 80%	7441 85%	3902 68%	3133 63%	4686 70%	2561 91%	2705 87%	2176 78%	377 81%	802 79%	2761 84%	2508 65%	6391 77%	3985 69%	3712 73%
Low2box (Not Important)	7243 26%	5719 33%	270 18%	1254 14%	1809 32%	1861 37%	2049 30%	268 9%	392 13%	594 21%	57 12%	213 21%	536 16%	1323 35%	1934 23%	1772 31%	1351 27%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q89c. How much per acre do you currently receive in government incentives for developing or using a nutrient management plan?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive from gov't	58	3	21	34	1	0	2	11	13	10	4	17	5	4	14	17	17
Weighted	2354*	313**	647**	1394**	70**	-**	243**	439**	543**	412**	131**	516**	198**	155**	476**	634**	690**
< 2	324 14%	42 13%	90 14%	192 14%	0 -	0 -	42 17%	0 -	113 21%	79 19%	0 -	90 17%	0 -	24 16%	141 30%	27 4%	131 19%
2 - 5	639 27%	271 87%	156 24%	213 15%	70 100%	0 -	201 83%	26 6%	109 20%	78 19%	33 25%	123 24%	0 -	25 16%	117 25%	188 30%	109 16%
6 - 10	83 4%	0 -	33 5%	50 4%	0 -	0 -	0 -	25 6%	0 -	25 6%	0 -	33 6%	0 -	0 -	50 11%	33 5%	0 -
11+	199 8%	0 -	24 4%	174 13%	0 -	0 -	0 -	37 8%	110 20%	27 7%	0 -	24 5%	0 -	0 -	64 13%	84 13%	52 7%
(DK/NS)	1109 47%	0 -	344 53%	765 55%	0 -	0 -	0 -	350 80%	212 39%	203 49%	98 75%	246 48%	198 100%	106 68%	104 22%	302 48%	399 58%
Summary																	
Minimum (excl.0)	0	0	1	0	4	0	0	5	0	1	5	1	0	1	0	1	0
Maximum	101	4	25	101	4	0	2	30	50	101	5	25	0	3	50	25	101
Mean	8.6	2.2	5.6	13.1	4.0	0	1.7	16.9	10.5	15.6	5.0	5.7	0	2.0	9.3	8.7	13.0
Standard Deviation	16.9	1.1	6.3	22.4	0.0	0	0.6	11.4	14.7	33.0	0	6.7	0	1.0	14.1	8.3	28.9
Standard Error	3.0	0.6	2.0	5.1	0.0	0	0.5	6.6	4.9	12.5	0	2.2	0	0.7	4.3	2.8	9.6
Median	2.2	1.3	3.9	2.8	4.0	0	1.0	8.6	2.5	1.5	5.0	3.4	0	1.0	2.6	4.2	1.6

SECTION I: NUTRIENT MANAGEMENT PLANNING

q89d. Do you feel that the financial incentive that you receive from the government is adequate?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Have received financial incentive from gov't	58	3	21	34	1	0	2	11	13	10	4	17	5	4	14	17	17
Weighted	2354*	313**	647**	1394**	70**	-**	243**	439**	543**	412**	131**	516**	198**	155**	476**	634**	690**
Yes	1078 46%	0 -	344 53%	734 53%	0 -	0 -	0 -	267 61%	208 38%	259 63%	66 50%	279 54%	106 54%	131 84%	122 26%	360 57%	360 52%
No	1249 53%	313 100%	303 47%	634 45%	70 100%	0 -	243 100%	146 33%	335 62%	153 37%	66 50%	237 46%	66 33%	24 16%	355 74%	273 43%	331 48%
(DK/NS)	26 1%	0 -	0 -	26 2%	0 -	0 -	0 -	26 6%	0 -	0 -	0 -	0 -	26 13%	0 -	0 -	0 -	0 -

SECTION I: NUTRIENT MANAGEMENT PLANNING

q89e. How much do feel the government should provide, as a percentage of costs, for growers like you to use a nutrient management plan?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Important for gov't to provide financial incentives	357	151	39	167	49	44	58	55	65	47	12	27	35	46	111	81	74
Weighted	20343	11722	1179*	7441	3902*	3133*	4686*	2561*	2705*	2176*	377**	802**	2761**	2508**	6391*	3985*	3712*
NONE	169 1%	113 1%	0 -	56 1%	68 2%	45 1%	0 -	0 -	56 2%	0 -	0 -	0 -	0 -	0 -	68 1%	45 1%	56 2%
1% to 25%	4558 22%	3358 29%	278 24%	922 12%	1204 31%	1094 35%	1060 23%	292 11%	385 14%	245 11%	90 24%	188 23%	496 18%	675 27%	1987 31%	681 17%	635 17%
26% to 50%	10226 50%	5747 49%	647 55%	3832 51%	1652 42%	1395 45%	2700 58%	1313 51%	1331 49%	1188 55%	197 52%	450 56%	1479 54%	1171 47%	2589 41%	2420 61%	1925 52%
51% to 99%	1636 8%	741 6%	33 3%	862 12%	276 7%	81 3%	384 8%	226 9%	375 14%	260 12%	0 -	33 4%	138 5%	165 7%	799 13%	259 7%	275 7%
100%	2366 12%	850 7%	164 14%	1352 18%	268 7%	248 8%	334 7%	552 22%	447 17%	353 16%	66 17%	98 12%	436 16%	260 10%	608 10%	438 11%	583 16%
(DK/NS)	1388 7%	912 8%	57 5%	418 6%	434 11%	271 9%	208 4%	178 7%	110 4%	130 6%	24 6%	33 4%	213 8%	238 9%	340 5%	142 4%	238 6%
Summary																	
Minimum (excl.0)	1	1	8	5	5	10	1	10	5	10	10	8	10	5	1	5	5
Maximum	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Mean (incl.0)	49	44	48	56 A	43	41	47	57	55	57	51	47	50	48	46	50	51
Mean (excl.0)	49	44	48	57 A	44	41	47	57	57	57	51	47	50	48	47	51	52
Standard Deviation	25	23	27	26	24	23	22	28	25	24	27	27	26	24	26	23	26
Standard Error	1	2	4	2	4	4	3	4	3	4	8	5	5	4	3	3	3

SECTION I: NUTRIENT MANAGEMENT PLANNING

q91. Are you supportive of the government mandating producers to have a formal nutrient management plan?

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
Yes	10259 37%	4174 24%	787 53%	5298 61%	1044 18%	1441 29%	1689 25%	2035 72%	1638 53%	1625 58%	263 56%	524 52%	1354 41%	1399 37%	2527 30%	2397 42%	2241 44%
No	17152 62%	13130 75%	671 45%	3351 38%	4667 82%	3502 70%	4961 74%	794 28%	1458 47%	1099 39%	180 39%	491 48%	1943 59%	2407 63%	5752 69%	3275 57%	2804 55%
(DK/NS)	235 1%	137 1%	24 2%	73 1%	0 -	51 1%	86 1%	0 -	0 -	73 3%	24 5%	0 -	0 -	24 1%	73 1%	86 1%	51 1%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q92a. Is there anything that you would like to see improved or changed with respect to nutrient management plans?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Use Nutrient Management Planning Weighted	477	226	49	202	74	68	84	63	74	65	15	34	45	61	139	117	100
	27646	17441	1482*	8723	5711*	4994*	6735*	2829*	3096*	2798*	467**	1015*	3298**	3831*	8353*	5757*	5096*
Yes	9282 34%	5044 29%	565 38%	3673 42% A	1861 33%	1355 27%	1828 27%	1072 38%	1224 40%	1378 49%	115 25%	450 44%	773 23%	1819 47%	2813 34%	2010 35%	1579 31%
No	18091 65%	12149 70%	893 60%	5049 58% C	3805 67%	3517 70%	4826 72%	1756 62%	1873 60%	1420 51%	353 75%	540 53%	2525 77%	2012 53%	5459 65%	3678 64%	3442 68%
(DK/NS)	273 1%	248 1%	24 2% C	0 -	46 1%	121 2%	81 1%	0 -	0 -	0 -	0 -	24 2%	0 -	0 -	81 1%	70 1%	76 1%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q92b. What are some of the things that you would like to see improved or changed? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Would like to see something improved or changed	167	66	19	82	26	20	20	28	26	28	4	15	13	25	49	39	38
Weighted	9282	5044*	565**	3673*	1861**	1355**	1828**	1072**	1224**	1378**	115**	450**	773**	1819**	2813*	2010*	1579*
Lower input costs	2110 23%	1912 38% C	0 -	198 5%	321 17%	575 42%	1016 56%	26 2%	73 6%	98 7%	0 -	0 -	316 41%	387 21%	821 29% P	274 14%	112 7%
Less regulations	1187 13%	292 6%	57 10%	837 23% A	162 9%	0 -	130 7%	199 19%	315 26%	324 23%	24 21%	33 7%	73 9%	124 7%	315 11%	277 14%	356 23%
More government incentives	965 10%	332 7%	90 16%	542 15%	169 9%	163 12%	0 -	151 14%	146 12%	246 18%	33 29%	57 13%	73 9%	154 8%	521 19% O	24 1%	192 12%
More direction/guidance	936 10%	474 9%	66 12%	396 11%	218 12%	165 12%	92 5%	172 16%	73 6%	151 11%	0 -	66 15%	73 9%	140 8%	319 11%	379 19% P	25 2%
Implement environmentally friendly alternatives	665 7%	613 12% C	0 -	53 1%	464 25%	81 6%	68 4%	53 5%	0 -	0 -	0 -	0 -	0 -	545 30%	94 3%	26 1%	0 -
More research	496 5%	355 7%	114 20%	26 1%	83 4%	134 10%	138 8%	0 -	0 -	26 2%	0 -	114 25%	33 4%	0 -	37 1%	204 10%	176 11%
Less paperwork	481 5%	124 2%	33 6%	324 9%	124 7%	0 -	0 -	31 3%	110 9%	183 13%	0 -	33 7%	57 7%	66 4%	91 3%	140 7%	127 8%
More information available	360 4%	287 6%	0 -	73 2%	81 4%	0 -	206 11%	0 -	0 -	73 5%	0 -	0 -	0 -	81 4%	155 5%	125 6%	0 -
More information for nutrient management plans	240 3%	126 3%	57 10%	56 2%	45 2%	0 -	81 4%	0 -	56 5%	0 -	0 -	57 13%	0 -	0 -	0 -	101 5%	138 9%
Ensure good/ efficient management practices	235 3%	202 4%	33 6%	0 -	132 7%	19 1%	51 3%	0 -	0 -	0 -	0 -	33 7%	64 8%	68 4%	0 -	0 -	103 7%
Have an individualized program	227 2%	91 2%	0 -	136 4%	0 -	45 3%	46 3%	0 -	52 4%	84 6%	0 -	0 -	0 -	25 1%	0 -	129 6%	73 5%
More input from farmers	183 2%	0 -	0 -	183 5%	0 -	0 -	0 -	84 8%	99 8%	0 -	0 -	0 -	31 4%	26 1%	99 4%	0 -	26 2%
Buffer strip assistance	102 1%	46 1%	0 -	56 2%	0 -	46 3%	0 -	0 -	56 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	102 6%
Provide farmers with more education (unspecified)	93 1%	44 1%	49 9%	0 -	44 2%	0 -	0 -	0 -	0 -	0 -	24 21%	24 5%	0 -	24 1%	0 -	44 2%	24 2%
Nutrient testing	81 1%	81 2%	0 -	0 -	0 -	81 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 3%	0 -	0 -

SECTION I: NUTRIENT MANAGEMENT PLANNING

q92b. What are some of the things that you would like to see improved or changed? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Make nutrient management plan mandatory for everyone	70	19	0	51	19	0	0	51	0	0	0	0	25	0	0	26	19
	1%	0	-	1%	1%	-	-	5%	-	-	-	-	3%	-	-	1%	1%
More practical/ applicable (unspecified)	53	0	0	53	0	0	0	53	0	0	0	0	0	0	0	53	0
	1%	-	-	1%	-	-	-	5%	-	-	-	-	-	-	-	3%	-
Financial support	26	0	0	26	0	0	0	26	0	0	0	0	0	0	0	0	26
	0	-	-	1%	-	-	-	2%	-	-	-	-	-	-	-	-	2%
Other	494	46	66	382	0	46	0	198	106	78	33	33	27	52	202	180	33
	5%	1%	12%	10% A	-	3%	-	18%	9%	6%	29%	7%	4%	3%	7%	9%	2%
Nothing	27	0	0	27	0	0	0	0	27	0	0	0	0	0	0	27	0
	0	-	-	1%	-	-	-	-	2%	-	-	-	-	-	-	1%	-
(DK/NS)	278	0	0	278	0	0	0	27	109	142	0	0	0	126	79	0	73
	3%	-	-	8% A	-	-	-	3%	9%	10%	-	-	-	7%	3%	-	5%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q92ba. Anything else? [OTHER MENTIONS]

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
 * small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Mentioned something to be changed	160	66	19	75	26	20	20	27	23	25	4	15	13	22	46	39	37
Weighted	9004	5044*	565**	3396*	1861**	1355**	1828**	1045**	1115**	1236**	115**	450**	773**	1693**	2734**	2010*	1506**
More government incentives	649	128	33	487	128	0	0	0	202	285	0	33	117	123	292	0	118
	7%	3%	6%	14% A	7%	-	-	-	18%	23%	-	7%	15%	7%	11%	-	8%
Less regulations	400	124	33	243	124	0	0	31	129	83	0	33	57	66	163	113	0
	4%	2%	6%	7%	7%	-	-	3%	12%	7%	-	7%	7%	4%	6%	6%	-
Less paperwork	376	1	0	375	1	0	0	52	242	81	0	0	73	0	56	108	139
	4%	0	-	11% A	0	-	-	5%	22%	7%	-	-	9%	-	2%	5%	9%
Lower input costs	344	271	0	73	70	0	201	0	0	73	0	0	0	70	73	0	0
	4%	5%	-	2%	4%	-	11%	-	-	6%	-	-	-	4%	3%	-	-
More research	273	208	66	0	46	119	42	0	0	0	0	66	0	0	51	33	143
	3%	4%	12%	-	2%	9%	2%	-	-	-	-	15%	-	-	2%	2%	9%
Implement environmentally friendly alternatives	195	195	0	0	81	0	114	0	0	0	0	0	0	0	149	46	0
	2%	4%	-	-	4%	-	6%	-	-	-	-	-	-	-	5%	2%	-
More direction/guidance	172	0	0	172	0	0	0	99	73	0	0	0	0	0	172	0	0
	2%	-	-	5%	-	-	-	9%	7%	-	-	-	-	-	6%	-	-
More information for nutrient management plans	81	81	0	0	0	81	0	0	0	0	0	0	0	0	81	0	0
	1%	2%	-	-	-	6%	-	-	-	-	-	-	-	-	3%	-	-
More information available	81	81	0	0	81	0	0	0	0	0	0	0	0	81	0	0	0
	1%	2%	-	-	4%	-	-	-	-	-	-	-	-	5%	-	-	-
Nutrient testing	81	81	0	0	0	81	0	0	0	0	0	0	0	0	81	0	0
	1%	2%	-	-	-	6%	-	-	-	-	-	-	-	-	3%	-	-
Financial support	52	0	0	52	0	0	0	52	0	0	0	0	0	52	0	0	0
	1%	-	-	2%	-	-	-	5%	-	-	-	-	-	3%	-	-	-
Ensure good/ efficient management practices	33	0	33	0	0	0	0	0	0	0	0	33	0	0	0	0	33
	0	-	6%	-	-	-	-	-	-	-	-	7%	-	-	-	-	2%
Make nutrient management plan mandatory for everyone	19	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0	19
	0	0	-	-	1%	-	-	-	-	-	-	-	-	-	-	-	1%
Other	72	46	0	26	0	0	46	26	0	0	0	0	0	0	0	26	46
	1%	1%	-	1%	-	-	3%	3%	-	-	-	-	-	-	-	1%	3%
Nothing	1178	502	73	603	136	89	277	208	217	178	0	73	70	68	576	338	126
	13%	10%	13%	18%	7%	7%	15%	20%	19%	14%	-	16%	9%	4%	21%	17%	8%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q92ba. Anything else? [OTHER MENTIONS]

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
(DK/NS)	5477 61%	3454 68%	327 58%	1695 50%	1241 67%	1066 79%	1147 63%	576 55%	454 41%	665 54%	115 100%	213 47%	456 59%	1299 77%	1451 53%	1346 67%	883 59%

SECTION I: NUTRIENT MANAGEMENT PLANNING

q92bab. What are some of the things that you would like to see improved or changed? [TOTAL MENTIONS]

Proportions/Mean: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: Would like to see something improved or changed Weighted	167	66	19	82	26	20	20	28	26	28	4	15	13	25	49	39	38
	9282	5044*	565**	3673*	1861**	1355**	1828**	1072**	1224**	1378**	115**	450**	773**	1819**	2813*	2010*	1579*
Lower input costs	2183 24%	1912 38% C	0 -	271 7%	321 17%	575 42%	1016 56%	26 2%	73 6%	172 12%	0 -	0 -	316 41%	387 21%	894 32% P	274 14%	112 7%
Less regulations	1586 17%	415 8%	90 16%	1081 29% A	286 15%	0 -	130 7%	230 21%	444 36%	406 29%	24 21%	66 15%	130 17%	190 10%	478 17%	390 19%	356 23%
More government incentives	1423 15%	442 9%	123 22%	858 23% A	279 15%	163 12%	0 -	151 14%	275 22%	432 31%	33 29%	90 20%	189 25%	277 15%	740 26% O	24 1%	192 12%
More direction/guidance	1108 12%	474 9%	66 12%	568 15%	218 12%	165 12%	92 5%	271 25%	146 12%	151 11%	0 -	66 15%	73 9%	140 8%	491 17%	379 19% P	25 2%
Less paperwork	857 9%	125 2%	33 6%	700 19% A	125 7%	0 -	0 -	84 8%	352 29%	265 19%	0 -	33 7%	130 17%	66 4%	147 5%	248 12%	266 17%
Implement environmentally friendly alternatives	793 9%	740 15% C	0 -	53 1%	545 29%	81 6%	114 6%	53 5%	0 -	0 -	0 -	0 -	0 -	545 30%	175 6%	72 4%	0 -
More research	655 7%	449 9%	180 32%	26 1%	83 4%	186 14%	180 10%	0 -	0 -	26 2%	0 -	180 40%	33 4%	0 -	88 3%	237 12%	251 16%
More information available	441 5%	368 7%	0 -	73 2%	162 9%	0 -	206 11%	0 -	0 -	73 5%	0 -	0 -	0 -	162 9%	155 5%	125 6%	0 -
More information for nutrient management plans	321 3%	207 4%	57 10%	56 2%	45 2%	81 6%	81 4%	0 -	56 5%	0 -	0 -	57 13%	0 -	0 -	81 3%	101 5%	138 9%
Ensure good/ efficient management practices	268 3%	202 4%	66 12%	0 -	132 7%	19 1%	51 3%	0 -	0 -	0 -	0 -	66 15%	64 8%	68 4%	0 -	0 -	136 9%
Have an individualized program	227 2%	91 2%	0 -	136 4%	0 -	45 3%	46 3%	0 -	52 4%	84 6%	0 -	0 -	0 -	25 1%	0 -	129 6%	73 5%
More input from farmers	183 2%	0 -	0 -	183 5%	0 -	0 -	0 -	84 8%	99 8%	0 -	0 -	0 -	31 4%	26 1%	99 4%	0 -	26 2%
Buffer strip assistance	102 1%	46 1%	0 -	56 2%	0 -	46 3%	0 -	0 -	56 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	102 6%
Provide farmers with more education (unspecified)	93 1%	44 1%	49 9%	0 -	44 2%	0 -	0 -	0 -	0 -	0 -	24 21%	24 5%	0 -	24 1%	0 -	44 2%	24 2%
Nutrient testing	81 1%	81 2%	0 -	0 -	0 -	81 6%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	81 3%	0 -	0 -

SECTION I: NUTRIENT MANAGEMENT PLANNING

q92bab. What are some of the things that you would like to see improved or changed? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Financial support	78 1%	0 -	0 -	78 2%	0 -	0 -	0 -	78 7%	0 -	0 -	0 -	0 -	0 -	52 3%	0 -	0 -	26 2%
Make nutrient management plan mandatory for everyone	70 1%	19 0	0 -	51 1%	19 1%	0 -	0 -	51 5%	0 -	0 -	0 -	0 -	25 3%	0 -	0 -	26 1%	19 1%
More practical/applicable (unspecified)	53 1%	0 -	0 -	53 1%	0 -	0 -	0 -	53 5%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	53 3%	0 -
Other	566 6%	92 2%	66 12%	408 11% A	0 -	46 3%	46 3%	224 21%	106 9%	78 6%	33 29%	33 7%	27 4%	52 3%	202 7%	206 10%	79 5%
Nothing	27 0	0 -	0 -	27 1%	0 -	0 -	0 -	0 -	27 2%	0 -	0 -	0 -	0 -	0 -	0 -	27 1%	0 -
(DK/NS)	278 3%	0 -	0 -	278 8% A	0 -	0 -	0 -	27 3%	109 9%	142 10%	0 -	0 -	0 -	126 7%	79 3%	0 -	73 5%

SECTION J: GENERAL FEEDBACK

q93. As a producer, how important do you feel it is to manage your farm in ways that protect the environment? Would it be..?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Very important	49913 75%	31278 71%	2562 86%	16072 82%	11982 69%	10204 71%	9093 75%	4736 76%	5859 85%	5478 83%	1106 83%	1456 87%	7978 70%	7969 75%	15162 73%	9772 80%	6595 82%
Somewhat Important	15431 23%	11731 27%	410 14%	3290 17%	5277 30%	3664 25%	2791 23%	1366 22%	988 14%	936 14%	221 17%	188 11%	3088 27%	2608 25%	4894 24%	2470 20%	1246 16%
Not very important	508 1%	340 1%	0 -	168 1%	182 1%	116 1%	42 0	37 1%	26 0	105 2%	0 -	0 -	327 3%	0 -	140 1%	42 0	0 -
Not important at all	747 1%	594 1%	0 -	153 1%	44 0	396 3%	154 1%	80 1%	0 -	73 1%	0 -	0 -	0 -	44 0	469 2%	0 -	154 2%
(DK/NS)	106 0	81 0	24 1%	0 -	0 -	0 -	81 1%	0 -	0 -	0 -	0 -	24 1%	0 -	0 -	81 0	0 -	24 0
Summary																	
Top2box (Important)	65344 98%	43010 98%	2972 99%	19363 98%	17259 99%	13867 96%	11883 98%	6102 98%	6846 100%	6414 97%	1327 100%	1645 99%	11065 97%	10577 100%	20057 97%	12242 100%	7841 98%
Low2box (Not Important)	1255 2%	934 2%	0 -	321 2%	226 1%	512 4%	196 2%	117 2%	26 0	178 3%	0 -	0 -	327 3%	44 0	609 3%	42 0	154 2%

SECTION J: GENERAL FEEDBACK

q94. What types of specific information or specific types of resources would you like to see made available to assist producers in adopting and using beneficial management practices? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Written material on how to adopt/implement practice	5506	3292	262	1952	1706	759	827	587	482	883	147	114	1022	1068	1896	908	488
	8%	7%	9%	10%	10%	5%	7%	9%	7%	13%	11%	7%	9%	10%	9%	7%	6%
Workshop or seminar	4409	3057	98	1253	1064	1299	694	555	313	385	33	66	1079	238	1218	714	658
	7%	7%	3%	6%	6%	9%	6%	9%	5%	6%	2%	4%	9%	2%	6%	6%	8%
More information available (incl. accurate information)	4257	3230	188	839	1303	1093	834	127	428	284	73	114	403	1172	1319	627	335
	6%	7%	6%	4%	7%	8%	7%	2%	6%	4%	6%	7%	4%	11%	6%	5%	4%
Ag extension/Ag rep assistance (i.e. some one to come to the farm and help make sure the new practice works)	4187	1904	270	2012	502	944	458	636	754	622	98	172	786	354	1427	1102	491
	6%	4%	9%	10% A	3%	7%	4%	10%	11%	9%	7%	10%	7%	3%	7%	9%	6%
More government funding (incl. government programs)	4097	2325	180	1593	689	787	849	313	506	773	98	82	416	514	1809	696	629
	6%	5%	6%	8%	4%	5%	7%	5%	7%	12%	7%	5%	4%	5%	9%	6%	8%
Money/financial support	3598	2505	147	946	869	887	748	299	254	393	33	115	368	546	1461	523	381
	5%	6%	5%	5%	5%	6%	6%	5%	4%	6%	2%	7%	3%	5%	7%	4%	5%
More studies conducted	1600	1092	123	385	507	81	504	83	129	173	24	98	271	87	256	579	407
	2%	2%	4%	2%	3%	1%	4%	1%	2%	3%	2%	6%	2%	1%	1%	5% N	5% N
Higher prices for crop yields	1365	1259	33	73	773	125	361	0	73	0	33	0	33	73	915	116	0
	2%	3% C	1%	0	4%	1%	3%	-	1%	-	2%	-	0	1%	4% P	1%	-
Free soil testing (incl. free manure testing)	907	489	33	385	81	409	0	43	140	203	0	33	73	144	321	336	33
	1%	1%	1%	2%	0	3%	-	1%	2%	3%	-	2%	1%	1%	2%	3%	0
Web site/on line course	773	576	24	173	358	218	0	73	26	73	0	24	24	82	301	143	222
	1%	1%	1%	1%	2%	2%	-	1%	0	1%	-	1%	0	1%	1%	1%	3%
Farmer testimonials/speaker forums	692	440	33	218	57	95	288	25	53	140	0	33	0	84	443	56	109
	1%	1%	1%	1%	0	1%	2%	0	1%	2%	-	2%	-	1%	2%	0	1%
Conference	581	389	0	191	0	106	283	83	0	109	0	0	0	0	251	248	83
	1%	1%	-	1%	-	1%	2%	1%	-	2%	-	-	-	-	1%	2%	1%
On farm demonstrations of equipment or practice	393	136	57	200	136	0	0	53	147	0	0	57	0	73	68	78	174
	1%	0	2% A	1%	1%	-	-	1%	2%	-	-	3%	-	1%	0	1%	2%
Video of implementing practice	288	229	0	59	0	92	138	31	0	27	0	0	31	0	92	138	27

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

	0	1%	-	0	-	1%	1%	1%	-	0	-	-	0	-	0	1%	0
Crop yield trials	280	151	0	129	70	0	81	56	73	0	0	0	70	0	154	56	0
	0	0	-	1%	0	-	1%	1%	1%	-	-	-	1%	-	1%	0	-

SECTION J: GENERAL FEEDBACK

q94. What types of specific information or specific types of resources would you like to see made available to assist producers in adopting and using beneficial management practices? [FIRST MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Machinery to borrow or rent	149 0	85 0	0 -	64 0	85 0	0 -	0 -	26 0	37 1%	0 -	0 -	0 -	37 0	0 -	26 0	85 1%	0 -
Computer information disks, software	144 0	57 0	33 1%	53 0	0 -	0 -	57 0	26 0	0 -	27 0	0 -	33 2%	26 0	0 -	57 0	60 0	0 -
Soil testing grants	73 0	0 -	0 -	73 0	0 -	0 -	0 -	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	73 0	0 -	0 -
Stabilized crop prices	56 0	0 -	0 -	56 0	0 -	0 -	0 -	0 -	0 -	56 1%	0 -	0 -	0 -	0 -	0 -	56 0	0 -
Phone-in help line	37 0	0 -	0 -	37 0	0 -	0 -	0 -	37 1%	0 -	0 -	0 -	0 -	0 -	37 0	0 -	0 -	0 -
Water management	33 0	0 -	33 1% AC	0 -	0 -	0 -	0 -	0 -	0 -	0 -	33 2%	0 -	0 -	0 -	33 0	0 -	0 -
Other	5668 8%	3539 8%	303 10%	1826 9%	1260 7%	726 5%	1553 13%	367 6%	892 13%	567 9%	164 12%	139 8%	1158 10%	1124 11%	1213 6%	1124 9%	934 12%
Nothing	2518 4%	1010 2%	90 3%	1419 7% A	546 3%	120 1%	344 3%	687 11%	334 5%	397 6%	66 5%	24 1%	452 4%	220 2%	657 3%	648 5%	204 3%
(DK/NS)	25093 38%	18258 41% C	1089 36%	5746 29%	7479 43%	6637 46%	4142 34%	2109 34%	2230 32%	1406 21%	524 40%	565 34%	5142 45% NO	4804 45% N	6756 33%	3992 32%	2844 35%

SECTION J: GENERAL FEEDBACK

q94a. Anything else? [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	654	301	65	288	114	94	93	86	100	102	26	39	90	83	202	151	103
Weighted	42677	26605	1932*	14141	10351*	8042*	8212*	4110*	4772*	5259*	803**	1129*	6526*	5955*	14277	8532	5233*
More information available (incl. accurate information)	1576	941	57	578	480	158	303	99	276	203	0	57	270	354	201	485	266
	4%	4%	3%	4%	5%	2%	4%	2%	6%	4%	-	5%	4%	6%	1%	6%	5%
Written material on how to adopt/implement practice	1455	1122	33	300	426	615	81	108	136	56	33	0	248	84	558	221	183
	3%	4%	2%	2%	4%	8%	1%	3%	3%	1%	4%	-	4%	1%	4%	3%	3%
More government funding (incl. government programs)	1360	886	66	408	299	298	290	146	116	146	33	33	106	298	470	234	252
	3%	3%	3%	3%	3%	4%	4%	4%	2%	3%	4%	3%	2%	5%	3%	3%	5%
Web site/on line course	1212	628	24	559	352	114	162	218	73	269	0	24	378	0	440	215	179
	3%	2%	1%	4%	3%	1%	2%	5%	2%	5%	-	2%	6%	-	3%	3%	3%
Workshop or seminar	1142	677	49	416	431	44	203	130	73	213	24	24	189	182	452	168	151
	3%	3%	3%	3%	4%	1%	2%	3%	2%	4%	3%	2%	3%	3%	3%	2%	3%
Money/financial support	1103	650	57	396	188	218	244	53	203	140	57	0	24	210	254	358	0
	3%	2%	3%	3%	2%	3%	3%	1%	4%	3%	7%	-	0	4%	2%	4%	-
On farm demonstrations of equipment or practice	530	384	0	146	161	181	42	73	0	73	0	0	73	0	0	181	116
	1%	1%	-	1%	2%	2%	1%	2%	-	1%	-	-	1%	-	-	2%	2% N
Ag extension/Ag rep assistance (i.e. some one to come to the farm and help make sure the new practice works)	461	335	0	125	116	81	139	69	0	56	0	0	0	116	126	137	81
	1%	1%	-	1%	1%	1%	2%	2%	-	1%	-	-	-	2%	1%	2%	2%
More studies conducted	378	378	0	0	45	269	64	0	0	0	0	0	0	0	310	0	68
	1%	1%	-	-	0	3%	1%	-	-	-	-	-	-	-	2%	-	1%
Farmer testimonials/speaker forums	351	226	0	126	145	0	81	0	26	99	0	0	73	145	26	0	107
	1%	1%	-	1%	1%	-	1%	-	1%	2%	-	-	1%	2%	0	-	2%
Conference	340	191	66	83	0	0	191	0	26	56	33	33	33	0	26	191	89
	1%	1%	3% AC	1%	-	-	2%	-	1%	1%	4%	3%	1%	-	0	2%	2%
Water management	296	222	0	73	222	0	0	73	0	0	0	0	73	176	46	0	0
	1%	1%	-	1%	2%	-	-	2%	-	-	-	-	1%	3%	0	-	-
Higher prices for crop yields	174	68	33	73	68	0	0	73	0	0	33	0	106	0	68	0	0
	0	0	2%	1%	1%	-	-	2%	-	-	4%	-	2%	-	0	-	-
Video of implementing practice	116	116	0	0	116	0	0	0	0	0	0	0	116	0	0	0	0
	0	0	-	-	1%	-	-	-	-	-	-	-	2%	-	-	-	-

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

Computer information disks, software	92	92	0	0	0	92	0	0	0	0	0	0	0	92	0	0
	0	0	-	-	-	1%	-	-	-	-	-	-	-	1%	-	-

SECTION J: GENERAL FEEDBACK

q94a. Anything else? [OTHER MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base; ** very small base (under 30) ineligible for sig testing

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Machinery to borrow or rent	81 0	0 -	0 -	81 1%	0 -	0 -	0 -	26 1%	27 1%	27 1%	0 -	0 -	26 0	0 -	0 -	54 1%	0 -
Soil testing grants	68 0	68 0	0 -	0 -	0 -	0 -	68 1%	0 -	0 -	0 -	0 -	0 -	0 -	0 -	68 0	0 -	0 -
Free soil testing (incl. free manure testing)	24 0	0 -	24 1% AC	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	24 2%	0 -	0 -	0 -	0 -	0 -
Other	3321 8%	2164 8%	139 7%	1017 7%	779 8%	855 11%	531 6%	310 8%	358 8%	349 7%	82 10%	57 5%	605 9%	206 3%	1167 8%	886 10%	332 6%
Nothing	6797 16%	4182 16%	229 12%	2386 17%	1850 18%	619 8%	1713 21% E	804 20%	920 19%	662 13%	33 4%	196 17%	1093 17%	883 15%	2280 16%	1400 16%	671 13%
(DK/NS)	23735 56%	14639 55%	1188 61%	7908 56%	5257 51%	5009 62%	4373 53%	2120 52%	2693 56%	3095 59%	508 63%	679 60%	3505 54%	3302 55%	8418 59%	4351 51%	3041 58%

SECTION J: GENERAL FEEDBACK

q94ab. What types of specific information or specific types of resources would you like to see made available to assist producers in adopting and using beneficial management practices? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Written material on how to adopt/implement practice	6962	4414	295	2252	2132	1374	908	695	618	940	180	114	1270	1153	2454	1129	670
	10%	10%	10%	11%	12%	10%	7%	11%	9%	14%	14%	7%	11%	11%	12%	9%	8%
Workshop or seminar	5550	3734	147	1669	1495	1343	897	685	386	598	57	90	1267	420	1669	881	809
	8%	8%	5%	8%	9%	9%	7%	11%	6%	9%	4%	5%	11%	4%	8%	7%	10%
More information available (incl. accurate information)	5342	3754	245	1343	1434	1251	1069	226	630	487	73	172	674	1246	1451	970	600
	8%	9%	8%	7%	8%	9%	9%	4%	9%	7%	6%	10%	6%	12%	7%	8%	7%
More government funding (incl. government programs)	5268	3095	246	1927	871	1085	1139	460	549	919	131	114	522	812	2163	930	808
	8%	7%	8%	10%	5%	8%	9%	7%	8%	14%	10%	7%	5%	8%	10%	8%	10%
Ag extension/Ag rep assistance (i.e. some one to come to the farm and help make sure the new practice works)	4647	2240	270	2137	618	1026	596	705	754	679	98	172	786	470	1554	1239	573
	7%	5%	9%	11%	4%	7%	5%	11%	11%	10%	7%	10%	7%	4%	7%	10%	7%
Money/financial support	4468	2954	172	1342	1057	1105	792	353	457	532	57	115	393	756	1682	881	381
	7%	7%	6%	7%	6%	8%	7%	6%	7%	8%	4%	7%	3%	7%	8%	7%	5%
More studies conducted	1978	1470	123	385	552	350	568	83	129	173	24	98	271	87	566	579	475
	3%	3%	4%	2%	3%	2%	5%	1%	2%	3%	2%	6%	2%	1%	3%	5%	6%
Web site/on line course	1912	1204	49	659	710	332	162	291	99	269	0	49	403	82	741	358	328
	3%	3%	2%	3%	4%	2%	1%	5%	1%	4%	-	3%	4%	1%	4%	3%	4%
Higher prices for crop yields	1471	1259	66	146	773	125	361	73	73	0	66	0	139	73	915	116	0
	2%	3%	2%	1%	4%	1%	3%	1%	1%	-	5%	-	1%	1%	4%	1%	-
Farmer testimonials/speaker forums	986	609	33	344	145	95	369	25	80	239	0	33	73	171	469	56	216
	1%	1%	1%	2%	1%	1%	3%	0	1%	4%	-	2%	1%	2%	2%	0	3%
Free soil testing (incl. free manure testing)	931	489	57	385	81	409	0	43	140	203	0	57	73	144	321	336	33
	1%	1%	2%	2%	0	3%	-	1%	2%	3%	-	3%	1%	1%	2%	3%	0
On farm demonstrations of equipment or practice	923	520	57	347	297	181	42	127	147	73	0	57	73	73	68	259	290
	1%	1%	2%	2%	2%	1%	0	2%	2%	1%	-	3%	1%	1%	0	2%	4%
Conference	729	389	66	274	0	106	283	83	26	165	33	33	33	0	277	248	172
	1%	1%	2%	1%	-	1%	2%	1%	0	3%	2%	2%	0	-	1%	2%	2%
Video of implementing practice	404	345	0	59	116	92	138	31	0	27	0	0	147	0	92	138	27

Adoption of Environmentally and Economically Sustainable BMPs (60-5394-01)

Detailed tables

	1%	1%	-	0	1%	1%	1%	1%	-	0	-	-	1%	-	0	1%	0
Water management	328	222	33	73	222	0	0	73	0	0	33	0	73	176	79	0	0
	0	1%	1%	0	1%	-	-	1%	-	-	2%	-	1%	2%	0	-	-

SECTION J: GENERAL FEEDBACK

q94ab. What types of specific information or specific types of resources would you like to see made available to assist producers in adopting and using beneficial management practices? [TOTAL MENTIONS]

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Crop yield trials	280 0	151 0	0 -	129 1%	70 0	0 -	81 1%	56 1%	73 1%	0 -	0 -	0 -	70 1%	0 -	154 1%	56 0	0 -
Computer information disks, software	235 0	149 0	33 1%	53 0	0 -	92 1%	57 0	26 0	0 -	27 0	0 -	33 2%	26 0	0 -	149 1%	60 0	0 -
Machinery to borrow or rent	229 0	85 0	0 -	144 1%	85 0	0 -	0 -	53 1%	65 1%	27 0	0 -	0 -	64 1%	0 -	26 0	140 1%	0 -
Soil testing grants	141 0	68 0	0 -	73 0	0 -	0 -	68 1%	0 -	0 -	73 1%	0 -	0 -	0 -	0 -	141 1%	0 -	0 -
Stabilized crop prices	56 0	0 -	0 -	56 0	0 -	0 -	0 -	0 -	0 -	56 1%	0 -	0 -	0 -	0 -	0 -	56 0	0 -
Phone-in help line	37 0	0 -	0 -	37 0	0 -	0 -	0 -	37 1%	0 -	0 -	0 -	0 -	0 -	37 0	0 -	0 -	0 -
Other	8130 12%	5309 12%	442 15%	2379 12%	1777 10%	1491 10%	2041 17%	635 10%	1031 15%	713 11%	246 19%	196 12%	1356 12%	1240 12%	2233 11%	1894 15%	1168 15%
Nothing	2518 4%	1010 2%	90 3%	1419 7% A	546 3%	120 1%	344 3%	687 11%	334 5%	397 6%	66 5%	24 1%	452 4%	220 2%	657 3%	648 5%	204 3%
(DK/NS)	24997 37%	18162 C	1089 36%	5746 29%	7479 43%	6541 45%	4142 34%	2109 34%	2230 32%	1406 21%	524 40%	565 34%	5142 45% NO	4804 45% NO	6756 33%	3896 32%	2844 35%

SECTION K: DEMOGRAPHICS

q95. How many kilometers is your farm from a major urban center, that is, a center with a population of 50,000 or more?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P
* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
1 to 10	4008 6%	883 2%	196 7%	2929 15%	573 3%	268 2%	42 0	1079 17%	592 9%	1259 19%	57 4%	139 8%	717 6%	601 6%	1070 5%	986 8%	634 8%
11 to 20	4890 7%	1220 3%	278 9%	3392 17%	369 2%	445 3%	405 3%	988 16%	1162 17%	1242 19%	172 13%	106 6%	724 6%	832 8%	1283 6%	1154 9%	841 10%
21 to 50	13060 20%	5277 12%	508 17%	7275 37%	2045 12%	1747 12%	1486 12%	1892 30%	3072 45%	2311 35%	188 14%	319 19%	2459 22%	1713 16%	3145 15%	2588 21%	2568 32%
51+	42912 64%	35412 80%	1884 63%	5616 29%	13619 78%	11609 81%	10184 84%	1956 31%	2046 30%	1613 24%	885 67%	999 60%	6906 61%	7023 66%	15031 72%	7523 61%	3843 48%
(DK/NS)	1835 3%	1232 3%	131 4%	472 2%	879 5%	310 2%	44 0	303 5%	0 -	169 3%	24 2%	106 6%	586 5%	453 4%	217 1%	33 0	133 2%
Summary																	
Mean	116.9	148.5 BC	111.3 C	47.3	140.1	150.1	158.1	49.5	50.9	41.4	99.2	121.3	104.3	119.7	127.2 P	125.7 P	95.1
Standard Deviation	104.2	106.3	129.9	43.7	107.3	101.9	108.9	44.7	45.7	39.9	77.7	160.3	95.4	94.4	99.2	123.6	115.2
Standard Error	3.3	4.8	13.3	2.2	7.9	8.1	8.9	4.0	3.8	3.5	12.0	22.0	7.8	8.0	5.8	8.5	9.4
Median	90.8	119.1	79.4 AC	29.7	118.6	108.5	138.4	33.9	35.6	24.6	78.2	80.3	78.5	93.9	96.8	87.1	48.5

SECTION K: DEMOGRAPHICS

q96. Is there open water such as a creek, river or lake on your farm?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Yes	32297 48%	18392 42%	2235 75%	11670 59%	7733 44%	5925 41%	4735 39%	2979 48%	4401 64%	4289 65%	893 67%	1342 80%	4932 43%	3818 36%	9684 47%	7221 59%	4793 60%
No	34121 51%	25564 58%	762 25%	7795 40%	9684 55%	8455 59%	7426 61%	3167 51%	2398 35%	2230 34%	434 33%	327 20%	6460 57%	6662 63%	10989 53%	5063 41%	3226 40%
(DK/NS)	288 0	68 0	0 -	220 1%	68 0	0 -	0 -	73 1%	73 1%	73 1%	0 -	0 -	0 -	141 1%	73 0	0 -	0 -

SECTION K: DEMOGRAPHICS

q97. AGE (Asked as: In what year were you born?)

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
18-34	2585 4%	1654 4%	139 5%	792 4%	690 4%	268 2%	696 6%	153 2%	365 5%	274 4%	24 2%	114 7%	92 1%	333 3%	514 2%	678 6%	510 6%
35-44	10687 16%	6536 15%	434 14%	3716 19%	2045 12%	2752 19%	1740 14%	1295 21%	1318 19%	1103 17%	123 9%	311 19%	1405 12%	1600 15%	3542 17%	2139 17%	1747 22%
45-54	23348 35%	14819 34%	1039 35%	7490 38%	4925 28%	5006 35%	4887 40%	2337 38%	1914 28%	3238 49% H	426 32%	613 37%	3477 31%	3185 30%	7311 35%	5564 45% LM	3182 40%
55+	29239 44%	20330 46% C	1384 46%	7525 38%	9437 54% F	6231 43%	4662 38%	2360 38%	3187 46% I	1977 30%	754 57%	630 38%	6361 56% OP	5472 52% OP	9380 45% OP	3903 32%	2472 31%
(DK/NS)	847 1%	686 2%	0 -	161 1%	388 2%	122 1%	176 1%	73 1%	88 1%	0 -	0 -	0 -	56 0	31 0	0 -	0 -	108 1%
Summary																	
Mean	53.5	54.0 C	53.5	52.3	56.2 F	53.4	51.7	52.7	53.5 I	50.6	56.0 K	51.5	57.4 NOP	55.7 OP	53.0 OP	50.7	50.1
Standard Deviation	11.2	11.2	10.5	11.0	12.3	10.4	10.1	11.1	12.6	8.8	9.8	10.7	11.7	12.4	10.1	9.3	9.8
Standard Error	0.4	0.5	1.1	0.6	0.9	0.8	0.8	1.0	1.1	0.8	1.5	1.4	1.0	1.0	0.6	0.6	0.8
Median	52.5	52.9	52.0 A	51.0	54.8	52.5	51.5	52.1	53.3	50.2	56.8	50.2	55.2	55.2	52.8	50.1	49.3

SECTION K: DEMOGRAPHICS

q98. What is the highest level of formal education that you have completed?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Grade school or some high school	16252	9756	940	5556	4901	3050	1805	2191	2104	1260	459	482	4661	2953	3757	2268	1702
	24%	22%	31%	28%	28% F	21%	15%	35% I	31% I	19%	35%	29%	41% NOP	28%	18%	18%	21%
Completed high school (DO NOT READ High school equivalent)	20346	13885	1082	5379	5686	4445	3754	1597	1434	2348	533	549	2893	2915	7363	3822	2115
	31%	32%	36%	27%	33%	31%	31%	26%	21%	36% H	40%	33%	25%	27%	35%	31%	26%
Some university	4785	3516	156	1113	977	1672	867	349	457	307	90	66	195	1100	1500	1017	611
	7%	8%	5%	6%	6%	12%	7%	6%	7%	5%	7%	4%	2%	10% L	7%	8% L	8% L
Technical/post secondary	13419	8298	573	4548	2736	2783	2778	1108	1756	1684	188	385	2086	1976	4420	2919	1596
	20%	19%	19%	23%	16%	19%	23%	18%	26%	26%	14%	23%	18%	19%	21%	24%	20%
Completed university	9439	7100	180	2159	2564	2098	2438	823	715	621	57	123	1378	1466	2981	1790	1575
	14%	16% B	6%	11%	15%	15%	20%	13%	10%	9%	4%	7%	12%	14%	14%	15%	20%
Post graduate degree	1818	1117	66	635	460	248	409	25	312	299	0	66	113	155	626	390	420
	3%	3%	2%	3%	3%	2%	3%	0	5%	5%	-	4%	1%	1%	3%	3%	5%
(DK/NS)	648	354	0	294	161	83	109	125	95	73	0	0	65	56	100	79	0
	1%	1%	-	1%	1%	1%	1%	2%	1%	1%	-	-	1%	1%	0	1%	-

SECTION K: DEMOGRAPHICS

q99. And for classification purposes, what were your total farm sales last year. Just stop me when I reach the correct category. Were your total farm sales...?

Proportions/Means: Columns Tested (5% risk level) - A/B/C - D/E/F - G/H/I - J/K - L/M/N/O/P

* small base

		PROVINCE			WEST FARM SIZE			ON/QC FARM SIZE			MARITIMES FARM SIZE		INCOME				
	Total	West	Maritimes	ON/QC	320-640	641-1279	1280+	80-160	161-319	320+	80-159	160+	Less than \$50,000	\$50,000 - < \$100,000	\$100,000 - < \$250,000	\$250,000 - < \$500,000	\$500,000 +
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Base: All respondents	1000	500	100	400	189	162	149	126	143	131	43	57	152	141	297	211	154
Weighted	66705	44025	2997*	19684	17485	14379	12161	6219*	6873	6593	1327*	1669*	11392*	10621*	20747	12284	8019
Less than \$50,000	11392 17%	7203 16%	787 26% AC	3402 17%	5356 31% EF	1054 7%	793 7%	2216 36% HI	935 14% I	251 4%	631 48% K	156 9%	11392 100% MNOP	0 -	0 -	0 -	0 -
\$50,000 to just under \$100,000	10621 16%	7956 18% BC	278 9%	2387 12%	4488 26% F	2716 19% F	751 6%	690 11% I	1526 22% GI	172 3%	188 14%	90 5%	0 -	10621 100% LNOP	0 -	0 -	0 -
\$100,000 to just under \$250,000	20747 31%	15100 34% BC	540 18%	5107 26%	3958 23% DF	7130 50%	4012 33%	1485 24%	1995 29%	1627 25%	246 19%	295 18%	0 -	0 -	20747 100% LMOP	0 -	0 -
\$250,000 to just under \$500,000	12284 18%	6350 14%	688 23% A	5246 27% A	1963 11%	1504 10%	2883 24% DE	1233 20%	1716 25%	2298 35% G	131 10%	557 33% J	0 -	0 -	0 -	12284 100% LMNP	0 -
\$500,000 to just under \$1 million	5101 8%	2328 5%	458 15% A	2315 12% A	311 2%	433 3%	1585 13% DE	318 5%	399 6%	1599 24% GH	98 7%	360 22%	0 -	0 -	0 -	0 -	5101 64% LMNO
\$1 million and over	2918 4%	2042 5%	188 6%	688 3%	106 1%	432 3%	1504 12% DE	98 2%	81 1%	508 8% GH	0 -	188 11% J	0 -	0 -	0 -	0 -	2918 36% LMNO
(DK/NS)	3642 5%	3046 7% C	57 2%	539 3%	1302 7%	1110 8%	634 5%	179 3%	221 3%	139 2%	33 2%	24 1%	0 -	0 -	0 -	0 -	0 -