NOVEMBER 2002 FARM SURVEY
Quebec and Ontario

CONFIDENTIAL when completed

STC/AGR-450-60063

This survey is conducted under the authority of the Statistics Act, Revised Statutes of Canada, 1985, c. S-19. Completion of this questionnaire is a legal requirement under the Statistics Act.

The purpose of this survey is to obtain information on the seeded area, harvested area, expected yield and production of your field crops.

Statistics Canada is prohibited by law from publishing any statistics which would divulge information obtained from this survey that relates to any identifiable business, institution or individual without the previous written consent of that business, institution or individual. The data reported on this questionnaire will be treated in confidence, used for statistical purposes and published in aggregate form only. The confidentiality provisions of the Statistics Act are not affected by either the Access to Information Act or any other Legislation.

Review the information on the label. If any information is incorrect or missing, please make the necessary corrections in the boxes below.

FRM
Farm Name (if applicable) — Area Code

NA 1
Surname or Family Name — Telephone
Usual First Name and Initial

ADR
R.R. — Box No. — Number and Street Name
Postal Code — Post Office (name of city, town or village where mail is received)

EML
E-mail Address (if applicable)

NA 3
Partner's Name (if applicable) — Telephone

NA 4
Partner's Name (if applicable) — Telephone

COR
Corporation Name (if applicable)

The following questions deal with ALL LAND OPERATED

- **Include:** - land rented from others, cropland, woodland, wasteland, pasture land and crown or public land used for agricultural purposes.
- **Exclude:** - land rented to others, community pastures, co-operative grazing associations or grazing reserves.

SECTION A FALL RYE AND WINTER WHEAT SEEDING INTENTIONS

1) Did you or do you intend to seed any Fall Rye or Winter Wheat in the fall of 2002?

YES **988** ☐ NO **988** ☐ (GO TO SECTION B.)

2) Which crop(s) did you or do you intend to seed in 2002?

☐ Fall Rye ☐ Winter Wheat

(GO TO NEXT QUESTION.)

3) What area did you or do you intend to seed?

Crop	Code	Intended area	UOM		
			ac	ha	arp
Fall Rye	**212**		**1**	**2**	**3**
Winter Wheat	**206**		**1**	**2**	**3**

(GO TO SECTION B.)

SECTION B SEEDED AREAS

1) Did you seed any crop(s) in 2002?

YES **969** ☐ NO **969** ☐ (GO TO SECTION C.)

2) Which crop(s) did you seed?

☐ Dry Coloured Beans

☐ Dry White Beans - Narrow Rows (8-26 inches wide)

☐ Dry White Beans - Standard Rows (27-30 inches wide)

☐ Corn for Grain (include seed corn but exclude sweet corn)

☐ Fodder Corn

☐ Potatoes

☐ Soybeans

☐ Other Field Crops (Please do not enter other field crop names in comments as they are not required for this survey.)

(GO TO NEXT QUESTION.)

SECTION B (continued) SEEDED AND HARVESTED AREAS

3) What area did you seed and what area was harvested as grain or is expected to be harvested as grain in 2002?

Crop	Code	Seeded area	UOM			Code	Harvested/ Harvested as grain area	UOM		
			ac	ha	arp			ac	ha	arp
a) Dry Coloured Beans	236		1	2	3	736		1	2	3
b) Dry White Beans - Narrow Rows (8-26 inches wide)	242		1	2	3	742		1	2	3
c) Dry White Beans - Standard Rows (27-30 inches wide)	205		1	2	3	705		1	2	3
d) Corn for Grain (include seed corn but exclude sweet corn)	216		1	2	3	716	(IF QUEBEC RESPONDENT, GO TO QUEBEC SECTION BELOW, ELSE GO TO NEXT CHOSEN CROP. IF LAST CROP, GO TO QUESTION 5.)			
e) Fodder Corn	217		1	2	3	717		1	2	3
f) Potatoes	218		1	2	3	718		1	2	3
g) Soybeans	228		1	2	3	728		1	2	3
h) Other Field Crops (Please do not enter other field crop names in comments as they are not required for this survey.)	225		1	2	3					

(IF THIS IS THE LAST CROP, GO TO QUESTION 5.)

QUEBEC

Quebec respondents only

4) What percentage of your Corn harvested for grain is intended for the commercial market?

Code	%
900	

(GO TO THE NEXT CHOSEN CROP. IF LAST CROP, GO TO QUESTION 5.)

SECTION B (continued) YIELD

UNIT OF MEASURE (UOM)										
AREA		YIELD							TOTAL PRODUCTION	
		Bushels (BU)	Kilograms (KG)	Metric Tonnes (MT)	Imperial Tons (IT)	Pounds (LB)	Hundred weight (CWT)		BU	19 - 1 (19)
									MT	19 - 2 (21)
1	ACRES	1	2	3	4	5	6	ACRES	IT	19 - 3 (22)
2	HECTARES	7	8	9	10	11	12	HECTARES	KG	19 - 4 (20)
3	ARPENTS	13	14	15	16	17	18	ARPENTS	LB	19 - 5 (23)
									CWT	19 - 6 (24)

5) What yield did you or will you obtain?

Crop	Code	Average Yield	UOM 1 to 19 (see above)
a) Dry Coloured Beans	**336**		
b) Dry White Beans - Narrow Rows (8-26 inches wide)	**342**		
c) Dry White Beans - Standard Rows (27-30 inches wide)	**305**		
d) Corn for Grain (include seed corn but exclude sweet corn) (GO TO QUESTION 12a, ON PAGE 6.)	**316**		
		6) What is the percent moisture content?	
		1.0 to 40.0 % **987**	
e) Fodder Corn (If harvested Fodder Corn is in silos, and/or other forms of silage, calculate production on page 5.)	**317**		
		7) What is the percent moisture content?	
		45 to 90 % **977**	
f) Potatoes	**318**		
g) Soybeans (GO TO QUESTION 13a, ON PAGE 6.)	**328**		

(GO TO SECTION C.)

SECTION B (continued) PRODUCTION - FODDER CORN

8) What type(s) of silo(s) and/or other form of production for silage do you have?

i) ☐ Vertical silos (round or cylinder) (GO TO QUESTION 9.)

ii) ☐ Horizontal silos and/or other form of horizontal silage (include bins, pits, stack silos, bunker silos, trench silos and bag silage) (GO TO QUESTION 10.)

iii) ☐ Other form of production for silage (include forage wagons) (GO TO QUESTION 11.)

Crop	Code	Production for silage	UOM
Total production of Fodder Corn for silage [sum of (a +b + c)]	317		IT
a) Production in vertical silos (calculate below)			IT
b) Production in horizontal silos and/or other form of horizontal silage (calculate below)			IT
c) Other form of production for silage (calculate below)			IT

9) What are the dimensions, the percent moisture content and the percentage filled of the {1st, 2nd,… 6th} vertical silo?

Production in vertical silos (round or cylinder)

Silo #	Diameter (in feet)	Height (in feet)	% full	% moisture	Weight (IT)	Adjusted Weight (IT)
1						
2						
3						
4						
5						
6						

Total Adjusted Weight →
(Report in section 8a, under Production in vertical silos.)

NOTE
Average % moisture = 70%
Diameter and height reported in meters must be converted to feet using the following conversion: 1 foot = 0.305 meter.

To obtain Weight (IT), use the following formula:
-68.9392 + (0.024169 x ((diameter / 2) x (diameter / 2) x (height x (% full / 100)) x 3.1416))

To obtain Adjusted Weight (IT), % moisture is applied to Weight (IT) by using the following formula:
Weight (IT) x ((100 - % moisture) / 30)

(GO TO THE NEXT SELECTED TYPE OF SILOS/OTHER FORM IN QUESTION 8. IF LAST TYPE, GO TO THE NEXT SELECTED CROP ON PREVIOUS PAGE. IF THIS IS THE LAST CROP, GO TO SECTION C.)

10) What are the dimensions, the percent moisture content and the percentage filled of the {1st, 2nd,… 6th} horizontal silo and/or {1st, 2nd,…6th} other form of horizontal silage?

Production in horizontal silos and/or other form of horizontal silage (include bins, pits, stack silos, bunker silos, trench silos and bag silage)

Silo #	Width (in feet)	Length (in feet)	Height (in feet)	% full	% moisture	Weight (IT)	Adjusted Weight (IT)
1							
2							
3							
4							
5							
6							

Total Adjusted Weight →
(Report in section 8b, under Production in horizontal silos and/or other form of horizontal silage.)

NOTE
Average % moisture = 70%
Width, length and height reported in feet must be converted to meters using the following conversion: 1 foot = 0.305 meter.
For bag silage: height = width
To obtain Weight (IT), use the following formula:
-12.25 + (0.1780 x [(height x (% full / 100)) x width x length) + (.2 x (width² / 4) x length)])

To obtain Adjusted Weight (IT), % moisture is applied to Weight (IT) by using the following formula:
Weight (IT) x ((100 - % moisture) / 30)

(GO TO THE NEXT SELECTED TYPE OF SILOS/OTHER FORM IN QUESTION 8. IF LAST TYPE, GO TO THE NEXT SELECTED CROP ON PREVIOUS PAGE. IF THIS IS THE LAST CROP, GO TO SECTION C.)

11) What is the weight and the percent moisture content of the {1st, 2nd,…6th} other form of production for silage?

Other form of production for silage (include forage wagons)

Other Form	Weight	UOM					% moisture	Weight (IT)	Adjusted Weight (IT)
1		MT	IT	KG	LB	CWT			
2		MT	IT	KG	LB	CWT			
3		MT	IT	KG	LB	CWT			
4		MT	IT	KG	LB	CWT			
5		MT	IT	KG	LB	CWT			
6		MT	IT	KG	LB	CWT			

Total Adjusted Weight →
(Report in section 8c, under Other form of production for silage.)

NOTE
1 MT = 1.10231 IT **1 KG = 0.00110 IT**
1 LB = 0.0005 IT **1 CWT = 0.05 IT**
11
Average % moisture = 70%
To obtain Adjusted Weight (IT), % moisture is applied to Weight (IT) by using the following formula:
Weight (IT) x ((100 - % moisture) / 30)

(GO TO THE NEXT SELECTED CROP ON PREVIOUS PAGE. IF THIS IS THE LAST CROP, GO TO SECTION C.)

Section B (cont'd) Corn for grain and Soybeans

Definitions:

Transgenic:	A plant or animal containing one or more new genes introduced by genetic engineering.
Terminator gene:	A gene that renders seeds sterile.
Genetically modified seed:	A seed whose genetic information has been recently altered by genetic engineering or mutagenesis.
Genetic engineering:	A technique involving the transfer of specific genetic information from one organism to another.
Mutagenesis:	A process by which the genetic information of an organism is changed in a stable, heritable manner, via the use of chemicals or radiation.
Biotechnology:	The application of science and engineering in the use of living organisms.

Other terms used for genetically modified seed:

Soybeans:	Roundup Ready
Corn for Grain:	Liberty Link, Roundup Ready, HTH, Bt Corn (YieldGard, KnockOut, NatureGuard, Xtra, StarLink and Herculex)

12. a) Of your {# of seeded acres/hectares/arpents reported on page 3} _____of Corn for Grain, how many were planted with genetically modified seed? (Exclude varieties produced by traditional cross-breeding techniques.)

Code	Seeded area Genetically modified seed	UOM		
		ac	ha	arp
260		1	2	3

(IF 260 >0, GO TO QUESTION 12b, OTHERWISE, GO TO THE NEXT CHOSEN CROP ON PAGE 4. IF LAST CROP, GO TO SECTION C.)

12. b) Of your {# of seeded acres/hectares/arpents reported in question 12a} _____of Corn for Grain, planted with genetically modified seed, how many {acres/hectares/arpents} were harvested or are expected to be harvested as grain?

Code	Harvested area Genetically modified seed	UOM		
		ac	ha	arp
760		1	2	3

(GO TO QUESTION 12c.)

12. c) What yield did you or will you obtain?

Code	Probable yield Genetically modified seed	UOM 1 to 19
360		

(GO TO QUESTION 12d.)

12. d) In what year did you first use the genetically modified Corn for Grain seeds? **Code 008** ____

(GO TO THE NEXT CHOSEN CROP, ON PAGE 4. IF LAST CROP, GO TO SECTION C.)

13. a) Of your {# of seeded acres/hectares/arpents reported on page 3} _____of Soybeans, how many were planted with genetically modified seed? (Exclude varieties produced by traditional cross-breeding techniques.)

Code	Area seeded with genetically modified seed	UOM		
		ac	ha	arp
261		1	2	3

(IF 261 > 0, GO TO QUESTION 13b, OTHERWISE, GO TO THE NEXT CHOSEN CROP, ON PAGE 4. IF LAST CROP, GO TO SECTION C.)

13. b) Of your {# of seeded acres/hectares/arpents reported in 13a} _____of Soybeans, planted with genetically modified seed, how many {acres/hectares/arpents} were harvested or are expected to be harvested?

Code	Harvested area Genetically modified seed	UOM		
		ac	ha	arp
761		1	2	3

(GO TO QUESTION 13c.)

13. c) What yield did you or will you obtain?

Code	Probable yield Genetically modified seed	UOM 1 to 19
361		

(GO TO QUESTION 13d.)

13. d) In what year did you first use the genetically modified Soybeans seeds? **Code 009** ____

(GO TO NEXT CHOSEN CROP, ON PAGE 4. IF LAST CROP, GO TO SECTION C.)

SECTION C

1. Federal/Provincial agreement to share information

Ontario residents:

To avoid duplication of enquiry, this survey is conducted under a co-operative agreement to share information with your provincial department of agriculture in accordance with Section 12 of the Statistics Act. Any information shared with a provincial ministry of agriculture is released in aggregate form only. The provincial ministry of agriculture must guarantee the confidentiality of all shared data.
Statistics Canada does not provide the respondent's name or address to any provincial ministry of agriculture.

Do you agree to share this information?

Code	yes
051	no

(GO TO QUESTION 2.)

Quebec residents:

To avoid duplication of enquiry, this survey is conducted under a co-operative agreement to share information in accordance with Section 11 of the Statistics Act, with Statistics Canada and the Quebec Institute of Statistics.

(GO TO QUESTION 2.)

2) Request for survey results

Code	yes
976	no

(GO TO QUESTION 3.)

3) Total interview time

Code	time
949	

(END OF SURVEY)

COMMENTS: