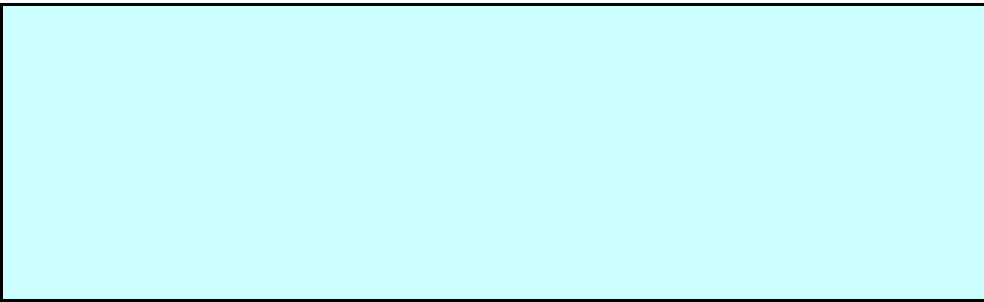


NOVEMBER 2002 FARM SURVEY

Manitoba, Saskatchewan, Alberta and British Columbia



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 as well as hay and pasture land.

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, summerfallow 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 - SEEDED AND HARVESTED

1) Did you seed any Fall Rye or Winter Wheat in the fall of 2001?

YES NO (GO TO SECTION B.)



2) Which crop(s) did you seed?

Fall Rye Winter Wheat

(GO TO THE NEXT QUESTION.)

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

Crop	Code	Seeded area	UOM		Code	Harvested area	UOM	
			ac	ha			ac	ha
Fall Rye	112		1	2	712		1	2
Winter Wheat	106		1	2	706		1	2

(GO TO NEXT QUESTION.)

4) What yield did you or will you obtain from the area harvested as grain?

Crop	Code	Average Yield	UOM (1 to 12 and 19) (see at bottom of page)
Fall Rye	312		
Winter Wheat	306		

(GO TO SECTION B.)

UNIT OF MEASURE (UOM)

AREA		YIELD						TOTAL PRODUCTION	
		Bushels (BU)	Kilograms (KG)	Metric Tonnes (MT)	Imperial Tons (IT)	Pounds (LB)	Hundred weight (CWT)		
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)
									LB 19 - 5 (23)
									CWT 19 - 6 (24)

SECTION B 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 NO (GO TO SECTION C.)

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

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
Fall Rye	212		1	2
Winter Wheat	206		1	2

(GO TO SECTION C.)

SECTION C SEEDED AREAS

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

YES NO (GO TO SECTION D.)

2) Which crop(s) did you seed?

<input type="checkbox"/>	Barley	<input type="checkbox"/>	Mustard Seed - YELLOW
<input type="checkbox"/>	Dry Coloured Beans	<input type="checkbox"/>	Mustard Seed - OTHER & UNKNOWN
<input type="checkbox"/>	Dry White Beans (Navy, Pea Beans)	<input type="checkbox"/>	Oats
<input type="checkbox"/>	Borage Seed	<input type="checkbox"/>	Dry Field Peas - GREEN
<input type="checkbox"/>	Buckwheat	<input type="checkbox"/>	Dry Field Peas - YELLOW
<input type="checkbox"/>	Canary Seed	<input type="checkbox"/>	Dry Field Peas - OTHER & UNKNOWN
<input type="checkbox"/>	Canola or Rapeseed	<input type="checkbox"/>	Potatoes
<input type="checkbox"/>	Caraway Seed	<input type="checkbox"/>	Spring Rye
<input type="checkbox"/>	Chickpeas	<input type="checkbox"/>	Safflower
<input type="checkbox"/>	Coriander Seed	<input type="checkbox"/>	Soybeans
<input type="checkbox"/>	Corn for Grain (include seed corn but exclude sweet corn)	<input type="checkbox"/>	Sugar Beets
<input type="checkbox"/>	Fababeans	<input type="checkbox"/>	Sunflower Seeds (incl. Sunola & other dwarf var.)
<input type="checkbox"/>	Flaxseed	<input type="checkbox"/>	Triticale
<input type="checkbox"/>	Fodder Corn	<input type="checkbox"/>	Can. Western Extra Strong Spring Wheat (utility)
<input type="checkbox"/>	Lentils - ESTON	<input type="checkbox"/>	Durum Wheat
<input type="checkbox"/>	Lentils - LAIRD	<input type="checkbox"/>	Hard Red Spring Wheat
<input type="checkbox"/>	Lentils - OTHER & UNKNOWN	<input type="checkbox"/>	Red Prairie Spring Wheat (semi-dwarf varieties)
<input type="checkbox"/>	Linola	<input type="checkbox"/>	White Prairie Spring Wheat (semi-dwarf varieties) (excl. Soft White Spring Wheat)
<input type="checkbox"/>	Mixed Grains (two or more grains sown together)	<input type="checkbox"/>	Soft White Spring Wheat (excl. White Prairie Spring Wheat)
<input type="checkbox"/>	Mustard Seed - BROWN	<input type="checkbox"/>	Other Spring Wheat (unlicensed varieties, incl. Grandin Wheat)
<input type="checkbox"/>	Mustard Seed - ORIENTAL	<input type="checkbox"/>	Other Field Crops (list in comments)

(GO TO NEXT QUESTION.)

SECTION C (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			ac	ha
a) Barley	209		1	2	709		1	2
b) Dry Coloured Beans	236		1	2	736		1	2
c) Dry White Beans (Navy, Pea Beans)	229		1	2	729		1	2
d) Borage Seed	273		1	2	773		1	2
e) Buckwheat	226		1	2	726		1	2
f) Canary Seed	234		1	2	734		1	2
g) Canola or Rapeseed	215		1	2	715		1	2
h) Caraway Seed	271		1	2	771		1	2
i) Chickpeas	274		1	2	774		1	2
j) Coriander Seed	272		1	2	772		1	2
k) Corn for Grain (include seed corn but exclude sweet corn)	216		1	2	716		1	2
l) Fababeans	235		1	2	735		1	2
m) Flaxseed	214		1	2	714		1	2
n) Fodder Corn	217		1	2	717		1	2
o) Lentils - ESTON	038		1	2	727		1	2
p) Lentils - LAIRD	036		1	2	725		1	2
q) Lentils - OTHER & UNKNOWN	040		1	2	732		1	2
r) Linola	238		1	2	738		1	2
s) Mixed Grains (two or more grains sown together)	213		1	2	713		1	2
t) Mustard Seed - BROWN	254		1	2	754		1	2
u) Mustard Seed - ORIENTAL	253		1	2	753		1	2
v) Mustard Seed - YELLOW	251		1	2	751		1	2
w) Mustard Seed - OTHER & UNKNOWN	240		1	2	740		1	2
x) Oats	208		1	2	708		1	2
y) Dry Field Peas - GREEN	044		1	2	721		1	2
z) Dry Field Peas - YELLOW	042		1	2	719		1	2
aa) Dry Field Peas - OTHER & UNKNOWN	046		1	2	722		1	2
ab) Potatoes	218		1	2	718		1	2
ac) Spring Rye	210		1	2	710		1	2
ad) Safflower	239		1	2	739		1	2
ae) Soybeans	228		1	2	728		1	2
af) Sugar Beets	232		1	2	737		1	2
ag) Sunflower Seeds (incl. Sunola & other dwarf varieties)	230		1	2	730		1	2
ah) Triticale	248		1	2	748		1	2
ai) Can. Western Extra Strong Spring Wheat (utility)	244		1	2	744		1	2
aj) Durum Wheat	204		1	2	704		1	2
ak) Hard Red Spring Wheat	252		1	2	752		1	2
al) Red Prairie Spring Wheat (semi-dwarf var.)	275		1	2	775		1	2
am) White Prairie Spring Wheat (semi-dwarf var.) (exclude Soft White Spring Wheat)	278		1	2	778		1	2
an) Soft White Spring Wheat (exclude White Prairie Spring Wheat)	207		1	2	707		1	2
ao) Other Spring Wheat (unlicensed varieties, including Grandin Wheat)	287		1	2	787		1	2
ap) Other Field Crops (list in comments)	225		1	2				

(IF THIS IS THE LAST CROP, GO TO QUESTION 4.)

SECTION C (continued)**YIELD****UNIT OF MEASURE (UOM)**

	AREA	YIELD						
		Bushels (BU)	Kilograms (KG)	Metric Tonnes (MT)	Imperial Tons (IT)	Pounds (LB)	Hundred weight (CWT)	
1	ACRES	1	2	3	4	5	6	ACRES
2	HECTARES	7	8	9	10	11	12	HECTARES

TOTAL PRODUCTION	
BU	19 - 1 (19)
MT	19 - 2 (21)
IT	19 - 3 (22)
KG	19 - 4 (20)
LB	19 - 5 (23)
CWT	19 - 6 (24)

4) What yield did you or will you obtain?

Crop	Code	Average Yield	UOM (1 to 12, 19) (see above)
a) Barley	309		
b) Dry Coloured Beans	336		
c) Dry White Beans (Navy, Pea Beans)	329		
d) Borage Seed	373		
e) Buckwheat	326		
f) Canary Seed	334		
g) Canola or Rapeseed	315		
h) Caraway Seed	371		
i) Chickpeas	374		
j) Coriander Seed	372		
k) Corn for Grain (include seed corn but exclude sweet corn)	316		
l) Fababeans	335		
m) Flaxseed	314		
n) Fodder Corn (If harvested Fodder Corn is in silos, and/or other forms of silage, calculate production on page 6.)	317		
		5) What is the percent moisture content?	
		45 to 90 %	977
o) Lentils - ESTON	327		
p) Lentils - LAIRD	325		
q) Lentils - OTHER & UNKNOWN	332		
r) Linola	338		
s) Mixed Grains (two or more grains sown together)	313		
t) Mustard Seed - BROWN	354		
u) Mustard Seed - ORIENTAL	353		
v) Mustard Seed - YELLOW	351		
w) Mustard Seed - OTHER & UNKNOWN	340		
x) Oats	308		
y) Dry Field Peas - GREEN	321		
z) Dry Field Peas - YELLOW	319		
aa) Dry Field Peas - OTHER AND UNKNOWN	322		
ab) Potatoes	318		
ac) Spring Rye	310		
ad) Safflower	339		
ae) Soybeans	328		
af) Sugar Beets	337		
ag) Sunflower Seeds (include Sunola & other dwarf varieties)	330		
ah) Triticale	348		
ai) Canadian Western Extra Strong Spring Wheat (utility)	344		
aj) Durum Wheat	304		
ak) Hard Red Spring Wheat	352		
al) Red Prairie Spring Wheat (semi-dwarf varieties)	375		
am) White Prairie Spring Wheat (semi-dwarf varieties) (exclude Soft White Spring Wheat)	378		
an) Soft White Spring Wheat (exclude White Prairie Spring Wheat)	307		
ao) Other Spring Wheat (unlicensed varieties, including Grandin Wheat)	387		

(GO TO SECTION D.)

SECTION C (continued) PRODUCTION - FODDER CORN

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

- i) Vertical silos (round or cylinder) (GO TO QUESTION 7.)
- 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 8.)
- iii) Other form of production for silage (include forage wagons) (GO TO QUESTION 9.)

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

7) 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 6a, 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:

$$-68.9392 + (0.024169 \times ((\text{diameter} / 2) \times (\text{diameter} / 2) \times (\text{height} \times (\% \text{ full} / 100)) \times 3.1416))$$

To obtain Adjusted Weight (IT), % moisture is applied to Weight (IT) by using the following formula:

$$\text{Weight (IT)} \times ((100 - \% \text{ moisture}) / 30)$$

(GO TO THE NEXT SELECTED TYPE OF SILOS/OTHER FORM IN QUESTION 6. IF LAST TYPE, GO TO THE NEXT SELECTED CROP ON PREVIOUS PAGE. IF THIS IS THE LAST CROP, GO TO SECTION D.)

8) 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 6b, 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:

$$-12.25 + (0.1780 \times [((\text{height} \times (\% \text{ full} / 100)) \times \text{width} \times \text{length}) + (.2 \times (\text{width}^2 / 4) \times \text{length})])$$

To obtain Adjusted Weight (IT), % moisture is applied to Weight (IT) by using the following formula:

$$\text{Weight (IT)} \times ((100 - \% \text{ moisture}) / 30)$$

(GO TO THE NEXT SELECTED TYPE OF SILOS/OTHER FORM IN QUESTION 6. IF LAST TYPE, GO TO THE NEXT SELECTED CROP ON PREVIOUS PAGE. IF THIS IS THE LAST CROP, GO TO SECTION D.)

9) 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)
		MT	IT	KG	LB	CWT			
1									
2									
3									
4									
5									
6									

Total Adjusted Weight →
(Report in section 6c, 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

Average % moisture = 70%

To obtain Adjusted Weight (IT), % moisture is applied to Weight (IT) by using the following formula:

$$\text{Weight (IT)} \times ((100 - \% \text{ moisture}) / 30)$$

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

SECTION D TAME HAY AND FORAGE SEED

- Alfalfa and Alfalfa mixtures**

Include: Alfalfa and Alfalfa mixed with varieties of clover, trefoil, bromegrass, timothy, orchardgrass, canarygrass, ryegrass, fescue, soudan-sorghum and wheatgrass.

Exclude: All forage crop area harvested or to be harvested for commercial seed purposes, crops harvested or that will be harvested green to be used to feed animals and under-seeded areas.

- Other Tame Hay**

Include: Varieties of clover, trefoil, bromegrass, timothy, orchardgrass, canarygrass, ryegrass, fescue, soudan-sorghum and wheatgrass.

Exclude: Alfalfa and Alfalfa mixtures, all forage crop area harvested or to be harvested for commercial seed purposes and crops harvested or that will be harvested green to be used to feed animals.

- Forage Seed**

Include: All forage crop area harvested or to be harvested for seed purposes such as alfalfa and alfalfa mixtures, varieties of clover, trefoil, bromegrass, timothy, orchardgrass, canarygrass, ryegrass, fescue, soudan-sorghum and wheatgrass.

Exclude: Forage crops harvested or to be harvested for hay or to be used for pasture.

1) Did you grow any Tame Hay or Forage Seed in 2002?

YES

NO (GO TO SECTION E.)

2) Which crop(s) did you have?

Alfalfa and Alfalfa mixtures
(GO TO QUESTION 3.)

Other Tame Hay
(GO TO QUESTION 4.)

Forage Seed
(GO TO QUESTION 5.)

ALFALFA AND ALFALFA MIXTURES

3) What was your total area of Alfalfa and Alfalfa mixtures in 2002? (exclude under-seeded areas)

Crop	Code	Total area	UOM	
Alfalfa and Alfalfa mixtures	249		ac	ha

(GO TO THE NEXT CHOSEN CROP. IF LAST CROP, GO TO SECTION E.)

OTHER TAME HAY

4) What was your total area of all Other Tame Hay in 2002?

Crop	Code	Total area	UOM	
Other Tame Hay	256		ac	ha

(GO TO THE NEXT CHOSEN CROP. IF LAST CROP, GO TO SECTION E.)

FORAGE SEED

5) What was your total area of Forage Seed in 2002?

Crops	Code	Seeded area	UOM	
Forage Seed	247		ac	ha

(GO TO SECTION E.)

SECTION E**LAND BALANCE**

- **Summerfallow:**

Land on which no crop will be grown during the year, but which may be cultivated or worked for weed control and/or moisture conservation, or it may simply be left to lay fallow in order to renew the soil.

Include: - winterkilled area from crops sown in the previous fall which will not be reseeded or pastured to another crop
- fall crop area ploughed under but not reseeded
- idle land: improved land which was cropped, pastured or used for agricultural purposes last year, but is not being cropped this year.

- **Improved land for pasture or grazing:**

All land which is being used for pasture or grazing land and which has undergone some improvements in recent years such as cultivation, drainage, irrigation, fertilization, seeding or spraying for brush and weed control.

Do not include: - areas to be harvested as dry hay, silage or forage seed
- community pastures, co-operative grazing associations and grazing reserves

If a field is used the same year for harvesting tame hay and as a pasture, count it only once as a Tame Hay field.

- **Unimproved land for pasture or grazing:**

Native pasture, native hay, rangeland, grazable bush used for the grazing or feeding of livestock.

Do not include: - community pastures, co-operative grazing associations, grazing reserves

- **Other land:**

- area of "farmstead": farm buildings, farmyard, home garden and roads
- new broken land: land which has been cleared and prepared for cultivation but will not be cropped
- wasteland, woodland, cut-over land, slough, swamp, marshland and irrigation ditches
- fruits and vegetables, mushrooms, maple trees, Christmas trees and sod.

What was your total area of Summerfallow, Improved Land for Pasture or Grazing, Unimproved Land for Pasture or Grazing and Other Land in 2002?

Land Use	Code	Total area	UOM	
			ac	ha
1) Summerfallow	219		1	2
2) Improved Land for Pasture or Grazing	222		1	2
3) Unimproved Land for Pasture or Grazing	237		1	2
4) Other Land	241		1	2

(GO TO SECTION F.)

SECTION F**TOTAL FARM AREA**

What was your Total Farm Area Operated in 2002?

Land Use	Code	Total area	UOM	
			ac	ha
1) Total Farm Area			1	2
2) Sum of 706+712+209+236+229+273+226+234+215+271+274+272+216+235+214+217+038+036+040+238+213+254+253+251+240+208+044+042+046+218+210+239+232+230+248+244+204+252+275+278+207+287+225+249+256+247+219+222+237+241+ 228	201		1	2
3) Difference between F1 and F2 (F1-F2) If the difference is substantial, please explain in comments.			1	2

(GO TO SECTION G.)

