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Field Crop Reporting Series



Preliminary Estimates of Principal
Field Crop Areas



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Statistics Canada
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Field Crop Reporting Series

Preliminary Estimates of Principal Field Crop Areas

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Symbols

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- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published
- * significantly different from reference category ($p < 0.05$)

Table of contents

Highlights	4
Analysis	5
Preliminary estimates of principal field crop areas	5
Related products	7
Statistical tables	
1 Preliminary estimates of principal field crop areas	10
2 Preliminary estimates of spring wheat areas by type in Western Canada	13
3 Preliminary estimates of special crop areas by type	14
Data quality, concepts and methodology	
Concepts and definitions	17
Methodology and data quality	18
Field crop reporting series calendar	21

Highlights

Preliminary estimates of principal field crop areas

- As of June 7, 2012, Prairie farmers had either planted, or intended to plant, a record area of canola and larger areas of wheat, dry field peas and barley. Farmers in Manitoba and Ontario also reported seeding record areas of corn and soybeans.

Analysis

Preliminary estimates of principal field crop areas

As of June 7, 2012, Prairie farmers had either planted, or intended to plant, a record area of canola and larger areas of wheat, dry field peas and barley. Farmers in Manitoba and Ontario also reported seeding record areas of corn and soybeans.

Overall, the area seeded to field crops this year has returned to levels seen prior to the 2011 floods in parts of Manitoba and Saskatchewan. Farmers in these two provinces reported significantly fewer summerfallow acres.

At the time of the survey, farmers reported that seeding had not been completed. Seeding in some regions of Manitoba and Saskatchewan was delayed by rain and lingering wet conditions from last year.

As a result, estimates of seeded areas may change in the July survey, the results of which will be released on August 22.

Record canola acreage

Producers in the Prairies reported a record area of 21.0 million acres seeded in canola this year, up by 2.4 million acres or 12.8% from 2011. This would be the sixth consecutive annual record for canola area.

In Manitoba, canola area was reported at a record high of 3.5 million acres, well above the 2.7 million acres in 2011. Saskatchewan farmers reported planting 11.1 million acres of canola, exceeding the 2011 record of 9.8 million acres. In Alberta, the canola area increased to a record high of 6.5 million acres.

Increased area of wheat

Farmers reported 23.8 million acres seeded in wheat this year, up by 2.3 million acres or 10.9% from 2011. This increase is mainly a result of higher acreage seeded in durum and hard red spring wheat.

For a second consecutive year, Prairie farmers reported an increase in durum. From 4.0 million acres seeded to durum in 2011, this area increased 17.3% to 4.7 million acres in 2012.

As for hard red spring wheat, its area increased 6.4% to 15.1 million acres in 2012. Saskatchewan accounted for the majority of this increase with 845,000 additional acres seeded to hard red spring wheat in 2012.

Barley area on the rise

Prairie farmers reported seeding 6.9 million acres of barley in 2012, compared with 6.0 million acres in 2011.

Saskatchewan farmers reported planting 2.6 million acres of barley, up by 465,000 acres or 21.4% from the 2.2 million acres grown in 2011.

In Alberta, 3.8 million acres of barley were reported, an increase of 300,000 acres or 8.6% over 2011.

Increased dry field pea area

The area planted to dry field peas on the Prairies was reported at 3.5 million acres, up 50.1% from the 2.3 million acres planted in 2011.

The dry field pea area is up in all three Prairie provinces. The most significant increases are in Saskatchewan, where dry pea area was up 61.7% to 2.5 million acres, and in Alberta, where it increased 24.2% to 925,000 acres.

Soybean area increases

Farmers in Manitoba reported seeding 52.2% more soybean area in 2012. The seeded area of 875,000 acres exceeds the record of 575,000 acres set in 2011.

In Ontario, soybean area has increased by 210,000 acres or 8.6%, to 2.7 million acres. This area would surpass the 2010 and 2011 record area of 2.4 million acres.

Meanwhile, Quebec farmers reported a slight decrease in soybean area of 19,800 acres or 2.7% to 721,500 acres in 2012.

Record corn for grain area

Ontario farmers seeded 2.3 million acres of corn for grain in 2012. This area exceeds the record of 2.2 million acres set in 1981.

Quebec farmers planted 1.0 million acres of corn for grain, up 13.4% over the 2011 area of 882,200 acres.

Manitoba farmers reported a record corn for grain area of 300,000 acres, up 66.7% over 2011. The previous record of 225,000 acres was set in 1981.

Related products

Selected publications from Statistics Canada

21-206-X	Statistics on Income of Farm Operators
21-207-X	Statistics on Income of Farm Families
21-208-X	Statistics on Revenues and Expenses of Farms
22-003-X	Fruit and Vegetable Production
22-008-X	Canadian Potato Production
23-221-X	Production and Value of Honey and Maple Products
23-501-X	Livestock Feed Requirements Study
23-502-X	Alternative Livestock on Canadian Farms
96-325-X	Canadian Agriculture at a Glance
96-328-M	Canadian Agriculture at a Glance - Teacher's Kit

Selected CANSIM tables from Statistics Canada

001-0010	Estimated areas, yield, production and average farm price of principal field crops, in metric units, annual
001-0014	Area, production and farm value of potatoes, annual
001-0017	Estimated areas, yield, production, average farm price and total farm value of principal field crops, in imperial units, annual
001-0040	Stocks of grain and oilseeds at March 31, July 31 and December 31, 3 times per year
001-0041	Supply and disposition of grains in Canada as of March 31, July 31, August 31 (soybeans only) and December 31, 3 times per year
001-0042	Supply and disposition of corn in Canada and selected provinces as of March 31, August 31 and December 31, 3 times per year
001-0043	Farm supply and disposition of grains as of March 31, July 31, August 31 (soybeans only) and December 31, 3 times per year

Selected surveys from Statistics Canada

3401 Field Crop Reporting Series

Selected summary tables from Statistics Canada

- *Field and specialty crops*

Statistical tables

Table 1
Preliminary estimates of principal field crop areas

	Seeded area		2011 to June 2012	Seeded area	
	2011	2012		2011	2012
	thousands of hectares		% change	thousands of acres	
Canada					
Winter wheat ¹	683.3	836.5	22.4	1,688.6	2,067.1
Spring wheat	6,377.9	6,893.9	8.1	15,760.3	17,035.0
Durum wheat	1,624.8	1,906.1	17.3	4,015.0	4,710.0
All wheat	8,686.0	9,636.5	10.9	21,464.0	23,812.2
Oats	1,258.0	1,244.0	-1.1	3,108.7	3,074.3
Barley	2,619.1	2,980.6	13.8	6,472.1	7,365.1
Fall rye ¹	80.9	123.3	52.5	200.0	305.0
Mixed grains	105.8	99.9	-5.6	261.6	247.0
Flaxseed ²	281.2	433.0	54.0	695.0	1,070.0
Canola	7,633.2	8,608.7	12.8	18,862.0	21,272.7
Corn for grain	1,217.7	1,472.4	20.9	3,009.2	3,638.3
Soybeans	1,549.9	1,746.5	12.7	3,829.8	4,316.0
Dry peas	942.0	1,414.3	50.1	2,328.0	3,495.0
Lentils	1,040.0	1,056.2	1.6	2,570.0	2,610.0
Mustard seed	127.5	147.7	15.9	315.0	365.0
Canary seed	95.1	121.4	27.7	235.0	300.0
Sunflower seed	14.2	50.6	257.1	35.0	125.0
Chick peas	50.5	72.9	44.0	125.0	180.0
Dry white beans	22.3	40.5	81.8	55.0	100.0
Dry coloured beans	46.4	73.5	58.3	115.0	182.0
Fodder corn	205.9	230.7	12.0	509.3	570.4
Triticale	26.3	14.2	-46.2	65.0	35.0
Sugar beets	12.1	14.2	16.7	30.0	35.0
Summerfallow	5,022.0	1,560.0	-68.9	12,410.0	3,855.0
Prince Edward Island					
Winter wheat ¹	1.6	1.8	12.5	4.0	4.5
Spring wheat	7.7	7.1	-7.9	19.0	17.5
All wheat	9.3	8.9	-4.3	23.0	22.0
Oats	4.2	4.0	-4.8	10.5	10.0
Barley	21.0	24.5	16.3	52.0	60.5
Mixed grains	2.8	2.6	-7.1	7.0	6.5
Soybeans	22.3	21.0	-5.5	55.0	52.0
Fodder corn	3.0	2.8	-6.7	7.5	7.0
Nova Scotia					
Winter wheat ¹	2.0	2.2	10.0	5.0	5.5
Spring wheat	0.4	0.2	-50.0	1.0	0.5
All wheat	2.4	2.4	0	6.0	6.0
Oats	1.6	1.4	-12.5	4.0	3.5
Barley	2.0	1.6	-20.0	5.0	4.0
Corn for grain	6.7	8.1	21.2	16.5	20.0
Soybeans	3.0	3.2	6.7	7.5	8.0
Fodder Corn	3.2	3.4	6.3	8.0	8.5
New Brunswick					
Winter wheat ¹	0.2	0.4	100.0	0.5	1.0
Spring wheat	1.8	1.8	0	4.5	4.5
All wheat	2.0	2.2	10.0	5.0	5.5
Oats	8.9	8.5	-4.5	22.0	21.0
Barley	9.9	8.1	-18.4	24.5	20.0
Canola	..	3.8	9.5
Corn for grain	4.2	5.1	19.0	10.5	12.5
Soybeans	4.5	3.8	-13.6	11.0	9.5
Fodder corn	3.2	2.6	-18.8	8.0	6.5

See notes at the end of the table.

Table 1 – continued

Preliminary estimates of principal field crop areas

	Seeded area		2011 to June 2012	Seeded area	
	2011	2012		2011	2012
	thousands of hectares		% change	thousands of acres	
Quebec					
Winter wheat ¹	3.7	4.5	22.0	9.1	11.1
Spring wheat	40.0	41.5	3.7	98.8	102.5
All wheat	43.7	46.0	5.3	108.0	113.7
Oats	96.0	95.0	-1.0	237.2	234.8
Barley	82.0	65.0	-20.7	202.6	160.6
Mixed grains	14.0	18.0	28.6	34.6	44.5
Canola	17.0	17.5	2.9	42.0	43.2
Corn for grain (total)	357.0	405.0	13.4	882.2	1,000.8
Corn for grain GM ³	263.0	335.0	27.4	649.9	827.8
Soybeans (total)	300.0	292.0	-2.7	741.3	721.5
Soybeans GM ³	157.5	172.0	9.2	389.2	425.0
Dry white beans	59.0	56.0	-5.1	145.8	138.4
Ontario					
Winter wheat ¹	443.1	327.8	-26.0	1,095.0	810.0
Spring wheat	32.4	38.4	18.8	80.0	95.0
All wheat	475.5	366.2	-23.0	1,175.0	905.0
Oats	22.3	26.3	18.2	55.0	65.0
Barley	44.5	50.6	13.6	110.0	125.0
Fall rye ¹	10.1	12.1	20.0	25.0	30.0
Mixed grains	36.4	36.4	0	90.0	90.0
Canola	32.4	26.3	-18.8	80.0	65.0
Corn for grain (total)	768.9	920.7	19.7	1,900.0	2,275.0
Corn for grain GM ³	548.3	754.7	37.6	1,355.0	1,865.0
Soybeans (total)	987.4	1,072.4	8.6	2,440.0	2,650.0
Soybeans GM ³	584.8	720.3	23.2	1,445.0	1,780.0
Dry white beans	14.2	24.3	71.4	35.0	60.0
Dry coloured beans	20.2	22.2	10.0	50.0	55.0
Fodder corn	80.9	91.1	12.5	200.0	225.0
Manitoba					
Winter wheat ¹	74.9	224.6	200.0	185.0	555.0
Spring wheat	802.1	965.1	20.3	1,982.0	2,385.0
All wheat	877.0	1,189.7	35.7	2,167.0	2,940.0
Oats	202.3	228.6	13.0	500.0	565.0
Barley	137.6	198.3	44.1	340.0	490.0
Fall rye ¹	18.2	38.4	111.1	45.0	95.0
Flaxseed ²	38.4	72.8	89.5	95.0	180.0
Canola	1,102.8	1,410.3	27.9	2,725.0	3,485.0
Corn for grain	72.8	121.4	66.7	180.0	300.0
Soybeans	232.7	354.1	52.2	575.0	875.0
Dry peas	11.3	22.2	96.4	28.0	55.0
Sunflower seed	14.2	50.6	257.1	35.0	125.0
Dry white beans	8.1	16.2	100.0	20.0	40.0
Dry coloured beans	16.1	26.3	62.5	40.0	65.0
Fodder corn	18.2	28.3	55.6	45.0	70.0
Summerfallow	1,093.0	51.0	-95.4	2,700.0	125.0
Saskatchewan					
Winter wheat ¹	85.0	226.6	166.7	210.0	560.0
Spring wheat	3,018.9	3,492.5	15.7	7,460.0	8,630.0
Durum wheat	1,406.3	1,639.0	16.5	3,475.0	4,050.0
All wheat	4,510.2	5,358.1	18.8	11,145.0	13,240.0
Oats	566.6	592.9	4.6	1,400.0	1,465.0
Barley	880.2	1,068.4	21.4	2,175.0	2,640.0
Fall rye ¹	36.4	60.7	66.7	90.0	150.0
Flaxseed ²	216.5	342.0	57.9	535.0	845.0
Canola	3,957.8	4,492.0	13.5	9,780.0	11,100.0
Dry peas	629.3	1,017.8	61.7	1,555.0	2,515.0
Lentils	995.5	1,023.9	2.8	2,460.0	2,530.0
Mustard seed	107.3	105.2	-1.9	265.0	260.0
Canary seed	95.1	121.4	27.7	235.0	300.0
Chick peas	42.5	60.7	42.9	105.0	150.0
Fodder corn	..	8.1	20.0
Triticale	12.1	6.1	-50.0	30.0	15.0
Summerfallow	3,318.0	1,072.0	-67.7	8,200.0	2,650.0

See notes at the end of the table.

Table 1 – continued

Preliminary estimates of principal field crop areas

	Seeded area		2011 to June 2012	Seeded area	
	2011	2012		2011	2012
	thousands of hectares		% change	thousands of acres	
Alberta					
Winter wheat ¹	72.8	48.6	-33.3	180.0	120.0
Spring wheat	2,444.3	2,314.9	-5.3	6,040.0	5,720.0
Durum wheat	218.5	267.1	22.2	540.0	660.0
All wheat	2,735.6	2,630.6	-3.8	6,760.0	6,500.0
Oats	323.7	263.0	-18.8	800.0	650.0
Barley	1,416.4	1,537.8	8.6	3,500.0	3,800.0
Fall rye ¹	16.2	12.1	-25.0	40.0	30.0
Mixed grains	48.6	40.5	-16.7	120.0	100.0
Flaxseed ²	26.3	18.2	-30.8	65.0	45.0
Canola	2,488.8	2,610.2	4.9	6,150.0	6,450.0
Corn for grain	8.1	12.1	50.0	20.0	30.0
Dry peas	301.4	374.3	24.2	745.0	925.0
Lentils	44.5	32.3	-27.3	110.0	80.0
Mustard seed	20.2	42.5	110.0	50.0	105.0
Chick peas	8.0	12.2	50.0	20.0	30.0
Dry coloured beans	10.1	25.0	148.0	25.0	62.0
Fodder corn	28.3	26.3	-7.1	70.0	65.0
Triticale	14.2	8.1	-42.9	35.0	20.0
Sugar beets	12.1	14.2	16.7	30.0	35.0
Summerfallow	597.0	425.0	-28.8	1,475.0	1,050.0
British Columbia					
Spring wheat	30.3	32.4	6.7	75.0	80.0
Oats	32.4	24.3	-25.0	80.0	60.0
Barley	25.5	26.3	3.2	63.0	65.0
Mixed grains	4.0	2.4	-40.0	10.0	6.0
Canola	34.4	48.6	41.2	85.0	120.0
Fodder corn	10.1	12.1	20.0	25.0	30.0
Summerfallow	14.0	12.0	-14.3	35.0	30.0
Western Canada ⁴					
Winter wheat ¹	232.7	499.8	114.8	575.0	1,235.0
Spring wheat	6,295.6	6,804.9	8.1	15,557.0	16,815.0
Durum wheat	1,624.8	1,906.1	17.3	4,015.0	4,710.0
All wheat	8,153.1	9,210.8	13.0	20,147.0	22,760.0
Oats	1,125.0	1,108.8	-1.4	2,780.0	2,740.0
Barley	2,459.7	2,830.8	15.1	6,078.0	6,995.0
Fall rye ¹	70.8	111.2	57.1	175.0	275.0
Flaxseed ²	281.2	433.0	54.0	695.0	1,070.0
Canola	7,583.8	8,561.1	12.9	18,740.0	21,155.0
Dry peas	942.0	1,414.3	50.1	2,328.0	3,495.0
Summerfallow	5,022.0	1,560.0	-68.9	12,410.0	3,855.0

1. The area remaining after winterkill.

2. Excludes solin.

3. Genetically modified. Corn for grain GM and soybeans GM are included in corn for grain (total) and soybeans (total).

4. Western Canada includes Manitoba, Saskatchewan, Alberta and British Columbia.

Table 2
Preliminary estimates of spring wheat areas by type in Western Canada

	Seeded area		2011 to June 2012	Seeded area	
	2011	2012		2011	2012
	thousands of hectares		% change	thousands of acres	
Manitoba					
Hard red spring wheat	783.1	942.9	20.4	1,935.0	2,330.0
Prairie spring wheat	8.1	9.7	20.0	20.0	24.0
Soft white spring wheat	4.0	4.0	0	10.0	10.0
Canadian western extra-strong	0.8	1.2	50.0	2.0	3.0
Other spring wheat	6.1	7.3	20.0	15.0	18.0
All spring wheat	802.1	965.1	20.3	1,982.0	2,385.0
Saskatchewan					
Hard red spring wheat	2,774.1	3,116.1	12.3	6,855.0	7,700.0
Prairie spring wheat	52.6	72.8	38.5	130.0	180.0
Soft white spring wheat	133.5	212.5	59.1	330.0	525.0
Canadian western extra-strong	18.2	14.2	-22.2	45.0	35.0
Other spring wheat	40.5	76.9	90.0	100.0	190.0
All spring wheat	3,018.9	3,492.5	15.7	7,460.0	8,630.0
Alberta					
Hard red spring wheat	2,185.3	2,051.8	-6.1	5,400.0	5,070.0
Prairie spring wheat	176.0	161.9	-8.0	435.0	400.0
Soft white spring wheat	22.3	56.7	154.5	55.0	140.0
Canadian western extra-strong	32.4	10.1	-68.8	80.0	25.0
Other spring wheat	28.3	34.4	21.4	70.0	85.0
All spring wheat	2,444.3	2,314.9	-5.3	6,040.0	5,720.0
British Columbia					
Hard red spring wheat	26.3	26.3	0	65.0	65.0
Prairie spring wheat	4.0	4.9	20.0	10.0	12.0
Soft white spring wheat	0	0.8	...	0	2.0
Canadian western extra-strong	0	0	...	0	0
Other spring wheat	0	0.4	...	0	1.0
All spring wheat	30.3	32.4	6.7	75.0	80.0
Western Canada					
Hard red spring wheat	5,768.8	6,137.1	6.4	14,255.0	15,165.0
Prairie spring wheat	240.7	249.3	3.5	595.0	616.0
Soft white spring wheat	159.8	274.0	71.4	395.0	677.0
Canadian western extra-strong	51.4	25.5	-50.4	127.0	63.0
Other spring wheat	74.9	119.0	58.9	185.0	294.0
All spring wheat	6,295.6	6,804.9	8.1	15,557.0	16,815.0

Table 3
Preliminary estimates of special crop areas by type

	Seeded area ¹		2011 to June 2012	Seeded area ¹	
	2011	2012		2011	2012
	thousands of hectares		% change	thousands of acres	
Quebec					
Dry white beans	0 ^s	0 ^s	...	0 ^s	0 ^s
Dry coloured beans	F	F	...	F	F
Black beans	F	F	...	F	F
Cranberry beans	F	F	...	F	F
Dark red kidney beans	0	0	...	0	0
Great Northern beans	0	0	...	0	0
Light red kidney beans	0	0	...	0	0
Pinto beans	0	0	...	0	0
Small red beans	0 ^s	0 ^s	...	0 ^s	0 ^s
Other dry coloured beans	F	F	...	F	F
All dry beans	F	F	...	F	F
Ontario					
Dry white beans	14.2 ^D	24.3 ^C	71.4	35.0 ^D	60.0 ^C
Dry coloured beans	20.2 ^C	22.2 ^C	10.0	50.0 ^C	55.0 ^C
Black beans	F	F	...	F	F
Cranberry beans	5.3 ^D	6.1 ^D	15.4	13.0 ^D	15.0 ^D
Dark red kidney beans	F	F	...	F	F
Great Northern beans	0	0	...	0	0
Light red kidney beans	F	F	...	F	F
Pinto beans	F	0	...	F	0
Small red beans	F	F	...	F	F
Other dry coloured beans	8.5 ^D	10.1 ^D	19.0	21.0 ^D	25.0 ^D
All dry beans	34.4^C	46.6^B	35.3	85.0^C	115.0^B
Manitoba					
Dry white beans	8.1 ^D	16.2 ^D	100.0	20.0 ^D	40.0 ^D
Dry coloured beans	16.1 ^C	26.3 ^D	62.5	40.0 ^C	65.0 ^D
Black beans	F	F	...	F	F
Cranberry beans	F	F	...	F	F
Dark red kidney beans	F	F	...	F	F
Great Northern beans	0 ^s	0	...	0 ^s	0
Light red kidney beans	F	F	...	F	F
Pinto beans	7.3 ^D	12.1 ^D	66.7	18.0 ^D	30.0 ^D
Small red beans	0 ^s	0	...	0 ^s	0
Other dry coloured beans	F	F	...	F	F
All dry beans	24.3^C	42.5^C	75.0	60.0^C	105.0^C
Green dry peas	X ^D	F	...	X ^D	F
Yellow dry peas	9.3 ^D	16.2 ^D	73.9	23.0 ^D	40.0 ^D
Other dry peas	F	F	...	F	F
All dry peas	11.3^D	22.2^C	96.4	28.0^D	55.0^C
Large green lentils	F	F	...	F	F
Red lentils	F	0	...	F	0
Small green lentils	0	0	...	0	0
Other lentils	0 ^s	0	...	0 ^s	0
All lentils	F	F	...	F	F
Brown mustard seed	F	0	...	F	0
Oriental mustard seed	0	0	...	0	0
Yellow mustard seed	F	F	...	F	F
Other mustard seed	0	0	...	0	0
All mustard seed	F	F	...	F	F
Hairless Canary seed	F	F	...	F	F
Regular Canary seed	F	F	...	F	F
All Canary seed	F	F	...	F	F
Desi chick peas	0	0	...	0	0
Kabuli chick peas	0	F	...	0	F
Other chick peas	F	0	...	F	0
All chick peas	F	F	...	F	F

See notes at the end of the table.

Table 3 – continued

Preliminary estimates of special crop areas by type

	Seeded area ¹		2011 to June 2012	Seeded area ¹	
	2011	2012		2011	2012
	thousands of hectares		% change	thousands of acres	
Saskatchewan					
Dry white beans	0	0 ^s	...	0	0 ^s
Dry coloured beans	F	F	...	F	F
Black beans	0	0	...	0	0
Cranberry beans	0	0	...	0	0
Dark red kidney beans	0	0	...	0	0
Great Northern beans	0	0	...	0	0
Light red kidney beans	0	0	...	0	0
Pinto beans	F	F	...	F	F
Small red beans	0	0	...	0	0
Other dry coloured beans	F	0	...	F	0
All dry beans	F	F	...	F	F
Green dry peas	97.1 ^B	149.7 ^B	54.2	240.0 ^B	370.0 ^B
Yellow dry peas	524.1 ^A	853.9 ^A	62.9	1,295.0 ^A	2,110.0 ^A
Other dry peas	8.1 ^D	14.2 ^D	75.0	20.0 ^D	35.0 ^D
All dry peas	629.3^A	1,017.8^A	61.7	1,555.0^A	2,515.0^A
Large green lentils	418.8 ^A	459.3 ^B	9.7	1,035.0 ^A	1,135.0 ^B
Red lentils	471.5 ^A	402.7 ^B	-14.6	1,165.0 ^A	995.0 ^B
Small green lentils	80.9 ^C	125.5 ^D	55.0	200.0 ^C	310.0 ^D
Other lentils	24.3 ^D	36.4 ^D	50.0	60.0 ^D	90.0 ^D
All lentils	995.5^A	1,023.9^A	2.8	2,460.0^A	2,530.0^A
Brown mustard seed	36.4 ^D	F	...	90.0 ^D	F
Oriental mustard seed	30.4 ^D	20.2 ^D	-33.3	75.0 ^D	50.0 ^D
Yellow mustard seed	40.5 ^C	56.7 ^C	40.0	100.0 ^C	140.0 ^C
Other mustard seed	0 ^s	F	...	0 ^s	F
All mustard seed	107.3^B	105.2^C	-1.9	265.0^B	260.0^C
Hairless Canary seed	38.4 ^C	40.5 ^C	5.3	95.0 ^C	100.0 ^C
Regular Canary seed	56.7 ^B	80.9 ^C	42.9	140.0 ^B	200.0 ^C
All Canary seed	95.1^B	121.4^B	27.7	235.0^B	300.0^B
Desi chick peas	F	F	...	F	F
Kabuli chick peas	26.3 ^D	52.6 ^D	100.0	65.0 ^D	130.0 ^D
Other chick peas	X ^D	F	...	X ^D	F
All chick peas	42.5^C	60.7^D	42.9	105.0^C	150.0^D

See notes at the end of the table.

Table 3 – continued

Preliminary estimates of special crop areas by type

	Seeded area ¹		2011 to June 2012	Seeded area ¹	
	2011	2012		2011	2012
	thousands of hectares		% change	thousands of acres	
Alberta					
Dry white beans	0 ^s	0 ^s	...	0 ^s	0 ^s
Dry coloured beans	10.1 ^D	25.0 ^D	148.0	25.0 ^D	62.0 ^D
Black beans	F	F	...	F	F
Cranberry beans	0	0	...	0	0
Dark red kidney beans	F	F	...	F	F
Great Northern beans	2.8 ^D	F	...	7.0 ^D	F
Light red kidney beans	0	F	...	0	F
Pinto beans	4.9 ^D	10.1 ^D	108.3	12.0 ^D	25.0 ^D
Small red beans	F	F	...	F	F
Other dry coloured beans	F	F	...	F	F
All dry beans	10.1^D	25.0^D	148.0	25.0^D	62.0^D
Green dry peas	36.4 ^C	X ^C	...	90.0 ^C	X ^C
Yellow dry peas	261.0 ^A	319.7 ^B	22.5	645.0 ^A	790.0 ^B
Other dry peas	4.0 ^D	F	...	10.0 ^D	F
All dry peas	301.4^A	374.3^A	24.2	745.0^A	925.0^A
Large green lentils	14.2 ^D	F	...	35.0 ^D	F
Red lentils	28.3 ^C	20.2 ^D	-28.6	70.0 ^C	50.0 ^D
Small green lentils	F	F	...	F	F
Other lentils	F	F	...	F	F
All lentils	44.5^C	32.3^D	-27.3	110.0^C	80.0^D
Brown mustard seed	F	F	...	F	F
Oriental mustard seed	F	F	...	F	F
Yellow mustard seed	16.2 ^C	34.4 ^D	112.5	40.0 ^C	85.0 ^D
Other mustard seed	0 ^s	F	...	0 ^s	F
All mustard seed	20.2^C	42.5^C	110.0	50.0^C	105.0^C
Hairless Canary seed	F	0	...	F	0
Regular Canary seed	F	F	...	F	F
All Canary seed	F	F	...	F	F
Desi chick peas	F	F	...	F	F
Kabuli chick peas	F	F	...	F	F
Other chick peas	F	F	...	F	F
All chick peas	8.0^D	12.2^D	50.0	20.0^D	30.0^D

1. Refer to text table 2.

Concepts and definitions

Crop categories

Major field crops: wheat, oats, barley, rye, flaxseed, canola, corn for grain and soybeans.

Oilseeds: canola, flaxseed, soybeans and sunflower seed.

Major special crops: dry white beans, dry coloured beans, dry peas, lentils, mustard seed, sunflower seed, Canary seed and chick peas.

Methodology and data quality

Survey frame and sample selection

Every five years, the Census of Agriculture collects information on agricultural operations across Canada, including institutional farms, community pastures, farms on First Nations reserves, etc. The Census of Agriculture provides a list of farms and their crop areas from which a probability sample for the June Farm Survey is selected.

The target population for the June Farm Survey includes all farms in Canada enumerated in the Census of Agriculture except institutional farms, farms on First Nations reserves and farms from the Northwest Territories, Yukon and Nunavut.

Probability surveys can use two types of sampling frames: list and area. In the June Farm Survey, only the list frame is used in sample selection. This list frame is stratified into homogenous groups on the basis of Census characteristics (such as farm size and crop area) and sub-provincial geographic boundaries. A sample of approximately 25,000 farms has been drawn from the list frame for the June 2012 Farm Survey.

Data collection

The June 2012 Farm Survey was carried out from May 28 to June 7. Data collection was undertaken using the "Computer-assisted telephone interview" (CATI) system.

Edit and imputation

With the CATI system, it is possible to implement edit procedures at the time of the interview. Computer programmed edit checks in the CATI system inform interviewers during the interview of possible data errors, which can then be corrected immediately by the interviewer and respondent. CATI significantly reduces the need for subsequent telephone follow-up, thereby reducing respondent burden and survey processing time.

Response rate

Usually by the end of the collection period, 80% of the questionnaires have been fully completed. The refusal rate of the survey is approximately 8 to 9%. The remainder of the sample unaccounted for can be explained by non-contact and non-response. Initial sample weights are adjusted by a process called "raising factor adjustment" in cases of total and partial non-response. No imputation is performed for missing values.

Sampling and non-sampling errors

The statistics contained in this publication are based on a random sample of agricultural operations and, as such, are subject to sampling and non-sampling errors. The overall quality of the estimates depends on the combined effect of these two types of errors.

Sampling errors arise because estimates are derived from sample data and not from the entire population. These errors depend on factors such as sample size, sampling design and the method of estimation. An important feature of probability sampling is that sampling errors can be measured from the sample itself.

Non-sampling errors are errors which are not related to sampling and may occur throughout the survey operation for many reasons. For example, non-response is an important source of non-sampling error. Coverage, differences in the interpretation of questions, incorrect information from respondents, mistakes in recording, coding and processing of data are other examples of non-sampling errors.

Estimation

The survey data collected are weighted in order to produce unbiased level indicators which are representative of the population. These level indicators then undergo a validation process, based on subject matter analysis, before final estimates are published.

Revisions

The June seeded area estimates contained in this publication are preliminary estimates and consequently are subject to revision. Seeded areas will be finalized for the crop year in the November Farm Survey report.

The following table contains some statistics which indicate the magnitude and direction of past revisions to June seeded area estimates. The magnitude is measured by the average percent change between the preliminary and final estimates. The direction of revisions is indicated by counting the number of years that the preliminary estimate is above or below the final revised estimate. The data indicate, for example, that the preliminary estimates of June seeded area for barley are revised by a magnitude of, on average, 5.4% and usually in a downwards direction.

Text table 1
Magnitude and direction of past revisions to June seeded area estimates, Canada, 2002 to 2011

Crop	Average percent change	Number of years June area estimates are revised:	
		Upwards	Downwards
	%	number	
Wheat	3.8	2	8
Oats	7.4	1	9
Barley	5.4	3	7
Flaxseed	5.9	1	6
Canola	3.3	5	5
Corn for grain	1.2	2	6
Soybeans	1.1	3	6
Summerfallow	17.0	6	4

Data quality

The June seeded area estimates are based on level indicators obtained from a probability survey of farming operations. The potential error introduced by sampling can be estimated from the sample itself by using a statistical measure called the “coefficient of variation” (c.v.). Over repeated surveys, 95 times out of 100, the relative difference between a sample estimate and what should have been obtained from an enumeration of all farming operations would be less than twice the c.v.. This range of values is referred to as the “confidence interval”. While published estimates may not exactly equal the level indicators due to the validation, these estimates do remain within the confidence interval of the survey level indicators. For the June Farm Survey, c.v.’s range from 1% to 10% for the major crops. Coefficients of variation for specialty crops are usually within 11% to 25%.

Totals may not equal the sum of their parts due to the use of conversion factors or rounding of fractions to whole numbers.

For the different types of special crops, the estimates contained in this publication have been assigned a grade to indicate their c.v. expressed as a percentage. The grade symbols represent the following c.v. ranges:

Text table 2
Coefficient of variation rating system for special crops

Coefficient variation range	Grade	Meaning
0.00% to 4.99%	A	Excellent
5.00% to 9.99%	B	Very good
10.00% to 14.99%	C	Good
15.00% to 24.99%	D	Use with caution
25.00% and more	F	Too unreliable to publish

Data confidentiality

Data confidentiality is ensured under the *Statistics Act*, which prohibits the divulging of individual or aggregated data where individuals or businesses might be identified.

Field crop reporting series calendar

Catalogue 22-002-X

The eight reports in this series, which are released at strategic times during the crop year, contain data on stocks of grain and crop area, yield and production. Three reports provide data on stocks of grain at both farm and commercial positions for Canada and the provinces (report nos. 1, 3 and 6). The first report on seeded area (no. 2, in April) contains the seeding intentions of producers, while the June report (no. 4) contains the actual seeded areas of field crops. Yields and levels of production by province are estimated before harvest (report no. 5), during harvest (no. 7) and after harvest (no. 8). Release time for all reports is 08:30 hrs, Eastern time. For further information, please contact Client Services, Agriculture Division, Statistics Canada at 1-800-465-1991 or by email: agriculture@statcan.gc.ca.

Text table 1 Publication release dates

Report No. & Title	2012 Release Dates
1- Stocks of principal field crops at December 31, 2011	February 3
2- March intentions of principal field crops areas	April 24
3- Stocks of principal field crops at March 31, 2012	May 7
4- Preliminary estimates of principal field crops areas	June 27
5- July estimates of production of principal field crops	August 22
6- Stocks of principal field crops at July 31, 2012	September 7
7- September estimates of production of principal field crops	October 4
8- November estimates of production of principal field crops	December 5

Cereals and oilseeds review

Catalogue 22-007-X

This publication provides up-to-date marketing data and analysis for wheat, coarse grains, oilseeds and special crops. Each monthly issue contains producer marketings, exports of grain and grain products, domestic and international supply-disposition tables, oilseed crushing and grain milling data, and cash and future prices. A situation report highlights the month's events.

Some issues contain annual supplementary data. They include the Prices supplement; the Processing supplement; the Methodology and concepts supplement; the Feed grain purchases supplement and the Grain storage & movement supplement.

For further information, please contact Client Services, Agriculture Division, Statistics Canada at 1-800-465-1991 or by email: agriculture@statcan.gc.ca.

Figure 1

Calendar

