

Catalogue no. 22-002-X

Field Crop Reporting Series



September Estimate of Production
of Principal Field Crops, Canada



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Field Crop Reporting Series

September Estimate of Production of Principal Field Crops, Canada

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Symbols

The following standard symbols are used in Statistics Canada publications:

- . 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

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Highlights

Estimates of production of principal field crops

- Farmers, in mid-harvest, reported they expect to produce 10.9 million tonnes of canola, exceeding the previous record of 9.5 million tonnes produced in 2007. Wheat excluding durum production is reported to be up 35.6% over 2007. In eastern Canada, Quebec farmers anticipate a previously unattained production amount of 615,000 tonnes of soybeans.

Analysis

Estimates of production of principal field crops

Farmers, in mid-harvest, reported they expect to produce 10.9 million tonnes of canola, exceeding the previous record of 9.5 million tonnes produced in 2007. Wheat excluding durum production is reported to be up 35.6% over 2007. In eastern Canada, Quebec farmers anticipate a previously unattained production amount of 615,000 tonnes of soybeans.

At the time of the September farm survey, crop maturity and the fall harvest in the West were delayed by cool conditions and excess moisture. Harvest conditions were most advanced in southern regions but they improved considerably in most areas after the survey had taken place.

Canola production up

Canola production is expected to rise to 10.9 million tonnes, 1.4 million tonnes above the previous high of 9.5 million tonnes reported in 2007. This exceeds the pre-harvest July estimate by 495,000 tonnes. Production should increase mainly as the result of an above-average yield of 30.6 bushels per acre.

In the Prairie provinces where 99% of canola is grown, farmers expect to exceed the previous record production in each province. The mid-harvest yields reported in the September survey showed an improvement over the pre-harvest yields from the July survey in both Manitoba and Saskatchewan.

Wheat excluding durum production expected to exceed five-year average

Farmers expect to harvest 22.2 million tonnes of wheat excluding durum, an increase of 35.6% from 16.4 million tonnes in 2007 and easily exceeding the previous five-year average (2003-2007) production of 19.4 million tonnes. A 15.0% increase in harvested area and a yield of 42.8 bushels per acre account for this increase.

Production in Manitoba, Saskatchewan and Alberta is expected to show an increase over 2007, exceeding their previous five-year provincial averages.

Mid-harvest yields showed improvement in all Prairie provinces compared to the pre-harvest yields reported in July.

Soybean production expected to rise in the East

Total soybean production is expected to reach 3.2 million tonnes, just short of the highest level of 3.5 million tonnes produced in 2006. Production should rise in both Quebec and Ontario, where 90% of soybeans are grown.

Production in Quebec is anticipated to increase 30.3% to 615,000 tonnes, a value exceeding the previous high of 535,000 tonnes set in 2006. The production increase is the result of a rise in harvested area of 31.6% from 2007.

Soybean production in Ontario is expected to rise to 2.3 million tonnes, up 16.3% from 2007 due to a yield increase. Farmers reported a yield of 40.8 bushels per acre, a rise of 7.8 bushels per acre over 2007.

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-U	Canadian Potato Production - Updates
22-008-X	Canadian Potato Production
22F0005X	Crops Small Area Current Data
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

001-0004	Estimated summerfallow areas, annual
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
001-0018	Estimated areas, yield, production, average farm price and total farm value of selected principal field crops: sugar beets, tame hay and fodder corn, in imperial units, annual
001-0019	Estimated area, yield, production, average farm price and total farm value of selected major speciality field crops, in imperial units, annual
001-0020	Estimated area, yield, production, average farm price and total farm value of selected principal field crops: dry beans (white and coloured), 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
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Selected summary tables from Statistics Canada

- *Field and specialty crops*

Statistical tables

Table 1
September estimate of the 2008 production of principal field crops, Canada and provinces - Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares	thousands of hectares	kilograms per hectare	thousands of tonnes
Canada				
Winter wheat ¹	1,054.4	1,050.3	4,500	4,698.4
Spring wheat	6,742.2	6,665.0	2,600	17,496.9
Durum wheat	2,468.6	2,407.9	2,100	5,070.2
All wheat	10,265.2	10,123.2	2,700	27,265.5
Oats	1,894.8	1,594.8	2,700	4,321.0
Barley	3,732.1	3,448.7	3,300	11,219.0
Fall rye ¹	133.6	127.5	2,400	307.4
Flaxseed ²	611.1	605.1	1,300	767.9
Canola	6,395.9	6,332.6	1,700	10,870.1
Corn for grain	1,195.9	1,180.8	8,400	9,892.5
Dry peas	1,576.0	1,547.7	2,300	3,526.6
Soybeans	1,211.3	1,208.3	2,700	3,239.9
Dry white beans	54.7	54.7	1,800	100.0
Dry coloured beans	91.9	90.1	1,800	165.9
Summerfallow	2,422.0	...	...	...
Prince Edward Island				
Winter wheat ¹	2.0	2.0	3,400	6.8
Spring wheat	12.1	12.1	3,400	40.8
All wheat	14.1	14.1	3,400	47.6
Oats	5.7	5.3	2,600	14.0
Barley	32.4	31.6	3,000	93.4
Mixed grains	3.2	3.2	2,500	8.0
Soybeans	8.1	8.1	2,700	21.8
Nova Scotia				
Winter wheat ¹	1.6	1.6	3,800	6.0
Spring wheat	1.0	1.0	4,100	4.1
All wheat	2.6	2.6	3,900	10.1
Oats	2.4	2.4	2,300	5.6
Barley	4.9	4.5	2,700	12.0
Corn for grain	4.9	4.9	7,800	38.1
New Brunswick				
Winter wheat ¹	0.2	0.2	5,000	1.0
Spring wheat	2.0	2.0	3,400	6.8
All wheat	2.2	2.2	3,500	7.8
Oats	10.1	10.1	2,900	28.9
Barley	11.3	10.9	3,500	38.2
Corn for grain	4.9	4.9	7,500	36.6
Quebec				
Winter wheat ¹	4.5	4.5	2,900	13.0
Spring wheat	50.0	49.5	2,800	140.0
All wheat	54.5	54.0	2,800	153.0
Oats	102.0	98.0	2,500	243.0
Barley	100.0	97.5	2,900	286.0
Mixed grains	21.0	20.0	2,800	55.0
Canola	18.0	17.5	2,100	36.0
Corn for grain	395.0	388.0	8,100	3,150.0
Soybeans	232.0	231.0	2,700	615.0
Total dry beans	5.0	4.8	2,100	10.0
Fodder corn	48.0	48.0	39,600	1,899.6
Ontario				
Winter wheat ¹	495.7	495.7	5,500	2,721.6
Spring wheat	68.8	68.8	3,400	236.8
All wheat	564.5	564.5	5,200	2,958.4
Oats	30.4	26.3	2,600	69.4
Barley	62.7	60.7	3,400	206.8
Fall rye ¹	18.2	18.2	2,500	45.7
Mixed grains	46.5	42.5	3,100	133.4
Canola	22.3	22.3	2,200	49.9
Corn for grain	718.3	712.2	8,700	6,223.3
Soybeans	849.8	847.8	2,700	2,326.9
Dry white beans	32.4	32.4	2,000	65.3
Dry coloured beans	22.2	21.4	2,100	44.2
Fodder corn	107.2	107.2	39,800	4,263.8

See footnotes at the end of the table.

Table 1 – continued

September estimate of the 2008 production of principal field crops, Canada and provinces - Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Manitoba				
Winter wheat ¹	222.6	222.6	4,400	973.0
Spring wheat	1,064.3	1,042.1	3,000	3,114.9
All wheat	1,286.9	1,264.7	3,200	4,087.9
Oats	364.2	335.9	3,100	1,058.0
Barley	311.6	295.4	3,700	1,079.9
Fall rye ¹	30.4	28.3	3,100	86.4
Flaxseed ²	111.3	109.3	1,400	153.2
Canola	1,246.4	1,218.1	1,900	2,281.6
Corn for grain	72.8	70.8	6,300	444.5
Dry peas	50.5	50.5	2,400	120.5
Soybeans	121.4	121.4	2,300	276.2
Dry white beans	22.3	22.3	1,600	34.7
Dry coloured beans	46.5	46.5	1,500	72.0
Fodder corn	28.3	26.3	35,700	938.9
Sunflower seeds	70.8	70.8	1,800	127.7
Summerfallow	57.0	...	...	...
Saskatchewan				
Winter wheat ¹	222.6	218.5	2,800	617.8
Spring wheat	3,197.0	3,176.8	2,200	7,097.9
Durum wheat	2,063.9	2,011.3	2,000	3,995.2
All wheat	5,483.5	5,406.6	2,200	11,710.9
Oats	1,011.7	902.4	2,600	2,331.8
Barley	1,537.8	1,444.7	3,100	4,411.1
Fall rye ¹	60.7	56.7	2,000	114.3
Flaxseed ²	477.5	473.5	1,200	579.1
Canola	2,994.7	2,982.5	1,600	4,728.7
Dry peas	1,214.0	1,193.8	2,200	2,592.3
Lentils	631.3	623.2	1,400	896.9
Mustard seed	145.7	131.6	900	113.9
Canary seed	153.8	151.8	1,200	180.1
Chick peas	72.9	72.9	1,500	110.6
Summerfallow	1,700.0	...	...	...
Alberta				
Winter wheat ¹	105.2	105.2	3,400	359.2
Spring wheat	2,322.8	2,290.5	3,000	6,809.3
Durum wheat	404.7	396.6	2,700	1,075.0
All wheat	2,832.7	2,792.3	3,000	8,243.5
Oats	344.0	202.3	2,700	541.3
Barley	1,639.0	1,477.1	3,400	5,034.9
Fall rye ¹	24.3	24.3	2,500	61.0
Mixed grains	36.4	12.1	2,700	32.7
Flaxseed ²	22.3	22.3	1,600	35.6
Canola	2,084.1	2,063.9	1,800	3,742.1
Dry peas	311.5	303.4	2,700	813.8
Dry coloured beans	18.2	17.4	2,300	39.7
Mustard seed	52.6	52.6	900	49.3
Fodder corn	32.4	22.3	46,000	1,025.1
Summerfallow	647.0	...	...	...
British Columbia				
Spring wheat	24.2	22.2	2,100	46.3
Oats	24.3	12.1	2,400	29.0
Barley	32.4	26.3	2,200	56.7
Canola	30.4	28.3	1,100	31.8
Fodder corn	12.1	10.1	40,400	408.2
Summerfallow	18.0	...	...	...

See footnotes at the end of the table.

Table 1 – continued

September estimate of the 2008 production of principal field crops, Canada and provinces - Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Western Canada				
Winter wheat ¹	550.4	546.3	3,600	1,950.0
Spring wheat	6,608.3	6,531.6	2,600	17,068.4
Durum wheat	2,468.6	2,407.9	2,100	5,070.2
All wheat	9,627.3	9,485.8	2,500	24,088.6
Oats	1,744.2	1,452.7	2,700	3,960.1
Barley	3,520.8	3,243.5	3,300	10,582.6
Fall rye ¹	115.4	109.3	2,400	261.7
Flaxseed ²	611.1	605.1	1,300	767.9
Canola	6,355.6	6,292.8	1,700	10,784.2
Dry peas	1,576.0	1,547.7	2,300	3,526.6
Summerfallow	2,422.0	...	...	...

1. The area remaining in June after winterkill.

2. Excludes solin.

Table 2
September estimate of the 2008 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		bushels per acre	thousands of bushels
Canada				
Winter wheat ¹	2,605.7	2,595.7	66.5	172,634
Spring wheat	16,661.1	16,469.8	39.0	642,899
Durum wheat	6,100.0	5,950.0	31.3	186,300
All wheat	25,366.8	25,015.5	40.0	1,001,833
Oats	4,682.0	3,941.2	71.1	280,182
Barley	9,222.1	8,521.9	60.5	515,286
Fall rye ¹	330.0	315.0	38.4	12,100
Flaxseed ²	1,510.0	1,495.0	20.2	30,230
Canola	15,804.5	15,648.2	30.6	479,287
Corn for grain	2,955.1	2,917.8	133.5	389,450
Dry peas	3,895.0	3,825.0	33.9	129,575
Soybeans	2,993.3	2,985.8	39.9	119,047
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	135.0	135.0	16.3	2,205
Dry coloured beans	227.4	222.9	16.4	3,662
Summerfallow	5,985.0	...	...	...
	thousands of acres		bushels per acre	thousands of bushels
Prince Edward Island				
Winter wheat ¹	5.0	5.0	50.0	250
Spring wheat	30.0	30.0	50.0	1,500
All wheat	35.0	35.0	50.0	1,750
Oats	14.0	13.0	70.0	910
Barley	80.0	78.0	55.0	4,290
Mixed grains	8.0	8.0	55.0	440
Soybeans	20.0	20.0	40.0	800
Nova Scotia				
Winter wheat ¹	4.0	4.0	55.0	220
Spring wheat	2.5	2.5	60.0	150
All wheat	6.5	6.5	56.9	370
Oats	6.0	6.0	60.0	360
Barley	12.0	11.0	50.0	550
Corn for grain	12.0	12.0	125.0	1,500
New Brunswick				
Winter wheat ¹	0.6	0.6	60.0	36
Spring wheat	5.0	5.0	50.0	250
All wheat	5.6	5.6	51.1	286
Oats	25.0	25.0	75.0	1,875
Barley	28.0	27.0	65.0	1,755
Corn for grain	12.0	12.0	120.0	1,440
Quebec				
Winter wheat ¹	11.1	11.1	43.0	478
Spring wheat	123.6	122.3	42.1	5,144
All wheat	134.7	133.4	42.1	5,622
Oats	252.0	242.2	65.1	15,757
Barley	247.1	240.9	54.5	13,136
Mixed grains	51.9	49.4	54.5	2,695
Canola	44.5	43.2	36.7	1,587
Corn for grain	976.1	958.8	129.3	124,010
Soybeans	573.3	570.8	39.6	22,597
	thousands of acres		hundred weight per acre	thousands of hundred weight
Total dry beans	12.4	11.9	18.6	220
	thousands of acres		tons per acre	thousands of tons
Fodder corn	118.6	118.6	17.7	2,094

See footnotes at the end of the table.

Table 2 – continued

September estimate of the 2008 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		bushels per acre	thousands of bushels
Ontario				
Winter wheat 1	1,225.0	1,225.0	81.6	100,000
Spring wheat	170.0	170.0	51.2	8,700
All wheat	1,395.0	1,395.0	77.9	108,700
Oats	75.0	65.0	69.2	4,500
Barley	155.0	150.0	63.3	9,500
Fall rye 1	45.0	45.0	40.0	1,800
Mixed grains	115.0	105.0	70.0	7,350
Canola	55.0	55.0	40.0	2,200
Corn for grain	1,775.0	1,760.0	139.2	245,000
Soybeans	2,100.0	2,095.0	40.8	85,500
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	80.0	80.0	18.0	1,440
Dry coloured beans	55.0	53.0	18.4	977
	thousands of acres		tons per acre	thousands of tons
Fodder corn	265.0	265.0	17.7	4,700
	thousands of acres		bushels per acre	thousands of bushels
Manitoba				
Winter wheat 1	550.0	550.0	65.0	35,750
Spring wheat	2,630.0	2,575.0	44.4	114,455
All wheat	3,180.0	3,125.0	48.1	150,205
Oats	900.0	830.0	82.7	68,600
Barley	770.0	730.0	67.9	49,600
Fall rye 1	75.0	70.0	48.6	3,400
Flaxseed 2	275.0	270.0	22.3	6,030
Canola	3,080.0	3,010.0	33.4	100,600
Corn for grain	180.0	175.0	100.0	17,500
Dry peas	125.0	125.0	35.4	4,425
Soybeans	300.0	300.0	33.8	10,150
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	55.0	55.0	13.9	765
Dry coloured beans	115.0	115.0	13.8	1,590
	thousands of acres		tons per acre	thousands of tons
Fodder corn	70.0	65.0	15.9	1,035
	thousands of acres		pounds per acre	thousands of pounds
Sunflower seeds	175.0	175.0	1609	281,500
Summerfallow	140.0	...	...	...
	thousands of acres		bushels per acre	thousands of bushels
Saskatchewan				
Winter wheat 1	550.0	540.0	42.0	22,700
Spring wheat	7,900.0	7,850.0	33.2	260,800
Durum wheat	5,100.0	4,970.0	29.5	146,800
All wheat	13,550.0	13,360.0	32.2	430,300
Oats	2,500.0	2,230.0	67.8	151,200
Barley	3,800.0	3,570.0	56.8	202,600
Fall rye 1	150.0	140.0	32.1	4,500
Flaxseed 2	1,180.0	1,170.0	19.5	22,800
Canola	7,400.0	7,370.0	28.3	208,500
Dry peas	3,000.0	2,950.0	32.3	95,250
	thousands of acres		pounds per acre	thousands of pounds
Lentils	1,560.0	1,540.0	1284	1,977,100
Mustard seed	360.0	325.0	772	251,000
Canary seed	380.0	375.0	1059	397,000
Chick peas	180.0	180.0	1354	243,800
Summerfallow	4,200.0	...	...	...

See footnotes at the end of the table.

Table 2 – continued

September estimate of the 2008 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		bushels per acre	thousands of bushels
Alberta				
Winter wheat ¹	260.0	260.0	50.8	13,200
Spring wheat	5,740.0	5,660.0	44.2	250,200
Durum wheat	1,000.0	980.0	40.3	39,500
All wheat	7,000.0	6,900.0	43.9	302,900
Oats	850.0	500.0	70.2	35,100
Barley	4,050.0	3,650.0	63.4	231,250
Fall rye ¹	60.0	60.0	40.0	2,400
Mixed grains	90.0	30.0	53.3	1,600
Flaxseed ²	55.0	55.0	25.5	1,400
Canola	5,150.0	5,100.0	32.4	165,000
Dry peas	770.0	750.0	39.9	29,900
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry coloured beans	45.0	43.0	20.3	875
	thousands of acres		pounds per acre	thousands of pounds
Mustard seed	130.0	130.0	836	108,650
	thousands of acres		tons per acre	thousands of tons
Fodder corn	80.0	55.0	20.5	1,130
Summerfallow	1,600.0	...	...	...
	thousands of acres		bushels per acre	thousands of bushels
British Columbia				
Spring wheat	60.0	55.0	30.9	1,700
Oats	60.0	30.0	62.7	1,880
Barley	80.0	65.0	40.1	2,605
Canola	75.0	70.0	20.0	1,400
	thousands of acres		tons per acre	thousands of tons
Fodder corn	30.0	25.0	18.0	450
Summerfallow	45.0	...	...	...
	thousands of acres		bushels per acre	thousands of bushels
Western Canada				
Winter wheat ¹	1,360.0	1,350.0	53.1	71,650
Spring wheat	16,330.0	16,140.0	38.9	627,155
Durum wheat	6,100.0	5,950.0	31.3	186,300
All wheat	23,790.0	23,440.0	37.8	885,105
Oats	4,310.0	3,590.0	71.5	256,780
Barley	8,700.0	8,015.0	60.6	486,055
Fall rye ¹	285.0	270.0	38.1	10,300
Flaxseed ²	1,510.0	1,495.0	20.2	30,230
Canola	15,705.0	15,550.0	30.6	475,500
Dry peas	3,895.0	3,825.0	33.9	129,575
Summerfallow	5,985.0	...	...	...

1. The area remaining in June after winterkill.

2. Excludes solin.

Table 3
Estimate of the 2007 production of principal field crops, Canada and provinces — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Canada				
Winter wheat ¹	642.1	623.9	4,000	2,499.2
Spring wheat	6,157.2	6,086.1	2,300	13,873.4
Durum wheat	1,948.6	1,926.3	1,900	3,681.4
All wheat	8,747.9	8,636.3	2,300	20,054.0
Oats	2,188.4	1,815.7	2,600	4,696.3
Barley	4,396.8	3,997.7	2,700	10,983.9
Fall rye ¹	123.4	109.3	2,100	233.0
Flaxseed ²	528.0	524.0	1,200	633.5
Canola	6,321.6	6,277.0	1,500	9,528.5
Corn for grain	1,391.5	1,368.7	8,500	11,648.7
Dry peas	1,469.0	1,442.7	2,000	2,934.8
Soybeans	1,180.1	1,171.5	2,300	2,695.7
Dry white beans	60.7	60.7	1,700	105.2
Dry coloured beans	92.5	91.8	1,900	171.6
Summerfallow	2,977.0	...	...	...
Prince Edward Island				
Winter wheat ¹	3.0	3.0	3,300	9.8
Spring wheat	7.7	7.5	3,100	23.2
All wheat	10.7	10.5	3,100	33.0
Oats	4.9	4.7	2,600	12.1
Barley	34.4	32.8	2,900	93.5
Mixed grains	4.0	3.8	2,300	8.8
Soybeans	4.5	4.5	2,500	11.1
Nova Scotia				
Winter wheat ¹	0.8	0.8	4,300	3.4
Spring wheat	0.8	0.7	2,300	1.6
All wheat	1.6	1.5	3,300	5.0
Oats	2.2	2.0	2,300	4.5
Barley	2.8	2.6	2,700	6.9
Corn for grain	4.0	3.8	7,300	27.8
New Brunswick				
Winter wheat ¹	0.2	0.2	4,000	0.8
Spring wheat	1.6	1.6	2,900	4.6
All wheat	1.8	1.8	3,000	5.4
Oats	8.5	8.5	2,800	24.0
Barley	13.4	13.2	3,400	45.3
Corn for grain	2.8	2.6	7,400	19.2
Quebec				
Winter wheat ¹	2.7	2.7	3,200	8.7
Spring wheat	53.8	53.5	3,100	165.0
All wheat	56.5	56.2	3,100	173.7
Oats	115.0	109.0	2,600	280.0
Barley	95.0	94.5	3,300	308.0
Mixed grains	25.0	23.5	3,000	70.0
Canola	8.5	8.5	2,200	18.5
Corn for grain	450.0	449.0	9,100	4,100.0
Soybeans	176.0	175.5	2,700	472.0
Total dry beans	6.5	6.2	2,000	12.5
Fodder corn	47.0	46.5	40,400	1,879.7
Ontario				
Winter wheat ¹	240.8	240.8	5,000	1,192.0
Spring wheat	72.8	72.8	3,400	250.4
All wheat	313.6	313.6	4,600	1,442.4
Oats	40.5	36.4	2,400	87.9
Barley	68.8	66.8	3,300	217.7
Fall rye ¹	20.2	20.2	2,100	43.2
Mixed grains	56.7	50.6	2,900	147.0
Canola	14.2	14.2	2,000	27.8
Corn for grain	849.8	831.6	8,400	6,985.3
Soybeans	906.5	900.4	2,200	2,000.3
Dry white beans	34.4	34.4	1,800	62.1
Dry coloured beans	30.3	29.9	1,500	45.5
Fodder corn	121.4	121.4	32,900	3,991.6

See footnotes at the end of the table.

Table 3 – continued

Estimate of the 2007 production of principal field crops, Canada and provinces — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Manitoba				
Winter wheat ¹	178.1	178.1	4,200	741.6
Spring wheat	1,005.6	995.4	2,500	2,469.8
All wheat	1,183.7	1,173.5	2,700	3,211.4
Oats	424.9	398.6	3,000	1,204.5
Barley	412.8	380.4	3,100	1,195.3
Fall rye ¹	22.3	22.3	2,400	53.9
Flaxseed ²	80.9	78.9	1,300	105.4
Canola	1,238.3	1,228.2	1,600	1,950.4
Corn for grain	80.9	78.9	6,300	493.5
Dry peas	38.5	38.5	2,500	97.7
Soybeans	93.1	91.1	2,300	212.3
Dry white beans	26.3	26.3	1,600	43.1
Dry coloured beans	34.3	34.3	1,700	59.0
Fodder corn	30.4	24.3	33,600	816.5
Sunflower seeds	76.9	74.9	1,600	119.8
Summerfallow	71.0	...	...	...
Saskatchewan				
Winter wheat ¹	151.8	141.6	2,600	367.4
Spring wheat	3,029.1	3,002.0	1,900	5,679.6
Durum wheat	1,639.0	1,618.7	1,900	3,011.4
All wheat	4,819.9	4,762.3	1,900	9,058.4
Oats	1,133.1	985.4	2,400	2,401.2
Barley	1,780.6	1,659.2	2,400	3,945.2
Fall rye ¹	52.6	50.6	2,000	99.1
Flaxseed ²	435.0	433.0	1,200	511.8
Canola	2,994.7	2,974.4	1,400	4,082.3
Dry peas	1,183.7	1,163.5	2,000	2,309.6
Lentils	540.2	534.2	1,300	673.9
Mustard seed	141.6	141.6	600	87.3
Canary seed	172.0	167.9	900	155.7
Chick peas	153.8	153.8	1,300	198.1
Summerfallow	2,064.0	...	...	...
Alberta				
Winter wheat ¹	64.7	56.7	3,100	175.5
Spring wheat	1,969.6	1,936.4	2,700	5,230.6
Durum wheat	309.6	307.6	2,200	670.0
All wheat	2,343.9	2,300.7	2,600	6,076.1
Oats	424.9	250.9	2,500	627.4
Barley	1,962.7	1,728.0	3,000	5,114.3
Fall rye ¹	28.3	16.2	2,300	36.8
Mixed grains	56.7	8.1	3,000	24.1
Flaxseed ²	12.1	12.1	1,300	16.3
Canola	2,037.6	2,023.4	1,700	3,401.9
Dry peas	246.8	240.7	2,200	527.5
Dry coloured beans	21.4	21.4	2,500	54.5
Mustard seed	34.4	34.4	800	27.0
Fodder corn	28.3	20.2	41,500	839.1
Summerfallow	824.0	...	...	...
British Columbia				
Spring wheat	16.2	16.2	3,000	48.6
Oats	34.4	20.2	2,700	54.7
Barley	26.3	20.2	2,900	57.7
Canola	28.3	28.3	1,700	47.6
Fodder corn	10.1	8.1	50,400	408.2
Summerfallow	18.0	...	...	...

See footnotes at the end of the table.

Table 3 – continued

Estimate of the 2007 production of principal field crops, Canada and provinces — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Western Canada				
Winter wheat ¹	394.6	376.4	3,400	1,284.5
Spring wheat	6,020.5	5,950.0	2,300	13,428.6
Durum wheat	1,948.6	1,926.3	1,900	3,681.4
All wheat	8,363.7	8,252.7	2,200	18,394.5
Oats	2,017.3	1,655.1	2,600	4,287.8
Barley	4,182.4	3,787.8	2,700	10,312.5
Fall rye ¹	103.2	89.1	2,100	189.8
Flaxseed ²	528.0	524.0	1,200	633.5
Canola	6,298.9	6,254.3	1,500	9,482.2
Dry peas	1,469.0	1,442.7	2,000	2,934.8
Summerfallow	2,977.0	...	...	...

1. The area remaining in June after winterkill.

2. Excludes solin.

Table 4
Estimate of the 2007 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		bushels per acre	thousands of bushels
Canada				
Winter wheat ¹	1,586.7	1,541.7	59.6	91,832
Spring wheat	15,214.9	15,039.5	33.9	509,755
Durum wheat	4,815.0	4,760.0	28.4	135,270
All wheat	21,616.6	21,341.2	34.5	736,856
Oats	5,407.7	4,486.8	67.9	304,512
Barley	10,864.8	9,878.5	51.1	504,488
Fall rye ¹	305.0	270.0	34.0	9,170
Flaxseed ²	1,305.0	1,295.0	19.3	24,940
Canola	15,621.0	15,511.0	27.1	420,141
Corn for grain	3,439.0	3,382.5	135.6	458,587
Dry peas	3,630.0	3,565.0	30.2	107,830
Soybeans	2,915.9	2,894.7	34.2	99,050
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	150.0	150.0	15.5	2,320
Dry coloured beans	229.1	227.3	16.6	3,781
Summerfallow	7,355.0	...	...	...
	thousands of acres		bushels per acre	thousands of bushels
Prince Edward Island				
Winter wheat ¹	7.5	7.5	48.0	360
Spring wheat	19.0	18.5	46.0	851
All wheat	26.5	26.0	46.6	1,211
Oats	12.0	11.5	68.0	782
Barley	85.0	81.0	53.0	4,293
Mixed grains	10.0	9.5	51.0	485
Soybeans	11.0	11.0	37.0	407
Nova Scotia				
Winter wheat ¹	2.0	2.0	62.0	124
Spring wheat	2.0	1.8	32.0	58
All wheat	4.0	3.8	47.8	182
Oats	5.5	5.0	58.0	290
Barley	7.0	6.5	49.0	319
Corn for grain	10.0	9.5	115.0	1,093
New Brunswick				
Winter wheat ¹	0.5	0.5	56.0	28
Spring wheat	4.0	4.0	42.0	168
All wheat	4.5	4.5	43.6	196
Oats	21.0	21.0	74.0	1,554
Barley	33.0	32.5	64.0	2,080
Corn for grain	7.0	6.5	116.0	754
Quebec				
Winter wheat ¹	6.7	6.7	47.9	320
Spring wheat	132.9	132.2	45.9	6,063
All wheat	139.6	138.9	46.0	6,382
Oats	284.2	269.3	67.4	18,156
Barley	234.8	233.5	60.6	14,146
Mixed grains	61.8	58.1	59.1	3,429
Canola	21.0	21.0	38.8	816
Corn for grain	1,112.0	1,109.5	145.5	161,410
Soybeans	434.9	433.7	40.0	17,343
	thousands of acres		hundred weight per acre	thousands of hundred weight
Total dry beans	16.1	15.3	18.0	276
	thousands of acres		tons per acre	thousands of tons
Fodder corn	116.1	114.9	18.0	2,072

See footnotes at the end of the table.

Table 4 – continued

Estimate of the 2007 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		bushels per acre	thousands of bushels
Ontario				
Winter wheat ¹	595.0	595.0	73.6	43,800
Spring wheat	180.0	180.0	51.1	9,200
All wheat	775.0	775.0	68.4	53,000
Oats	100.0	90.0	63.3	5,700
Barley	170.0	165.0	60.6	10,000
Fall rye ¹	50.0	50.0	34.0	1,700
Mixed grains	140.0	125.0	64.8	8,100
Canola	35.0	35.0	35.0	1,225
Corn for grain	2,100.0	2,055.0	133.8	275,000
Soybeans	2,240.0	2,225.0	33.0	73,500
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	85.0	85.0	16.1	1,370
Dry coloured beans	75.0	74.0	13.6	1,005
	thousands of acres		tons per acre	thousands of tons
Fodder corn	300.0	300.0	14.7	4,400
	thousands of acres		bushels per acre	thousands of bushels
Manitoba				
Winter wheat ¹	440.0	440.0	61.9	27,250
Spring wheat	2,485.0	2,460.0	36.9	90,750
All wheat	2,925.0	2,900.0	40.7	118,000
Oats	1,050.0	985.0	79.3	78,100
Barley	1,020.0	940.0	58.4	54,900
Fall rye ¹	55.0	55.0	38.5	2,120
Flaxseed ²	200.0	195.0	21.3	4,150
Canola	3,060.0	3,035.0	28.3	86,000
Corn for grain	200.0	195.0	99.6	19,430
Dry peas	95.0	95.0	37.8	3,590
Soybeans	230.0	225.0	34.7	7,800
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	65.0	65.0	14.6	950
Dry coloured beans	85.0	85.0	15.3	1,300
	thousands of acres		tons per acre	thousands of tons
Fodder corn	75.0	60.0	15.0	900
	thousands of acres		pounds per acre	thousands of pounds
Sunflower seeds	190.0	185.0	1428	264,100
Summerfallow	175.0	...	...	...
	thousands of acres		bushels per acre	thousands of bushels
Saskatchewan				
Winter wheat ¹	375.0	350.0	38.6	13,500
Spring wheat	7,485.0	7,418.0	28.1	208,690
Durum wheat	4,050.0	4,000.0	27.7	110,650
All wheat	11,910.0	11,768.0	28.3	332,840
Oats	2,800.0	2,435.0	63.9	155,700
Barley	4,400.0	4,100.0	44.2	181,200
Fall rye ¹	130.0	125.0	31.2	3,900
Flaxseed ²	1,075.0	1,070.0	18.8	20,150
Canola	7,400.0	7,350.0	24.5	180,000
Dry peas	2,925.0	2,875.0	29.5	84,860
	thousands of acres		pounds per acre	thousands of pounds
Lentils	1,335.0	1,320.0	1126	1,485,650
Mustard seed	350.0	350.0	550	192,500
Canary seed	425.0	415.0	827	343,200
Chick peas	380.0	380.0	1149	436,650
Summerfallow	5,100.0	...	...	...

See footnotes at the end of the table.

Table 4 – continued

Estimate of the 2007 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		bushels per acre	thousands of bushels
Alberta				
Winter wheat ¹	160.0	140.0	46.1	6,450
Spring wheat	4,867.0	4,785.0	40.2	192,190
Durum wheat	765.0	760.0	32.4	24,620
All wheat	5,792.0	5,685.0	39.3	223,260
Oats	1,050.0	620.0	65.6	40,680
Barley	4,850.0	4,270.0	55.0	234,900
Fall rye ¹	70.0	40.0	36.3	1,450
Mixed grains	140.0	20.0	59.0	1,180
Flaxseed ²	30.0	30.0	21.3	640
Canola	5,035.0	5,000.0	30.0	150,000
Dry peas	610.0	595.0	32.6	19,380
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry coloured beans	53.0	53.0	22.6	1,200
	thousands of acres		pounds per acre	thousands of pounds
Mustard seed	85.0	85.0	702	59,650
	thousands of acres		tons per acre	thousands of tons
Fodder corn	70.0	50.0	18.5	925
Summerfallow	2,035.0	...	...	...
	thousands of acres		bushels per acre	thousands of bushels
British Columbia				
Spring wheat	40.0	40.0	44.6	1,785
Oats	85.0	50.0	71.0	3,550
Barley	65.0	50.0	53.0	2,650
Canola	70.0	70.0	30.0	2,100
	thousands of acres		tons per acre	thousands of tons
Fodder corn	25.0	20.0	22.5	450
Summerfallow	45.0	...	...	...
	thousands of acres		bushels per acre	thousands of bushels
Western Canada				
Winter wheat ¹	975.0	930.0	50.8	47,200
Spring wheat	14,877.0	14,703.0	33.6	493,415
Durum wheat	4,815.0	4,760.0	28.4	135,270
All wheat	20,667.0	20,393.0	33.1	675,885
Oats	4,985.0	4,090.0	68.0	278,030
Barley	10,335.0	9,360.0	50.6	473,650
Fall rye ¹	255.0	220.0	34.0	7,470
Flaxseed ²	1,305.0	1,295.0	19.3	24,940
Canola	15,565.0	15,455.0	27.1	418,100
Dry peas	3,630.0	3,565.0	30.2	107,830
Summerfallow	7,355.0	...	...	...

1. The area remaining in June after winterkill.

2. Excludes solin.

Table 5
Stocks of Canadian corn for grain and soybeans

	Crop years		
	2005-2006	2006-2007	2007-2008
thousands of metric tonnes			
Corn for grain			
December 31			
Stocks on farms	6,555	6,237	7,675
Commercial stocks	1,908	2,128	1,871
Total stocks	8,463	8,365	9,546
March 31			
Stocks on farms	4,470	3,874	4,780
Commercial stocks	1,304	1,577	1,218
Total stocks	5,774	5,451	5,998
July 31			
Stocks on farms	2,220	1,850	1,535
Commercial stocks	..	..	..
Total stocks	..	..	..
August 31			
Stocks on farms	1,580	850	1,100
Commercial stocks	421	493	345
Total stocks	2,001	1,343	1,445
Soybeans			
December 31			
Stocks on farms	1,378	1,554	949
Commercial stocks	915	1,103	810
Total stocks	2,293	2,657	1,759
March 31			
Stocks on farms	1,021	1,016	450
Commercial stocks	650	870	550
Total stocks	1,671	1,886	1,000
July 31			
Stocks on farms	300	275	75
Commercial stocks	..	..	..
Total stocks	..	..	..
August 31			
Stocks on farms	200	130	30
Commercial stocks	295	340	92
Total stocks	495	470	122

Table 6
Farm stocks of corn for grain and soybeans, Canada and provinces

	Crops years					
	2005-2006		2006-2007		2007-2008	
	Corn for grain	Soybeans	Corn for grain	Soybeans	Corn for grain	Soybeans
	thousands of metric tonnes					
Canada						
December 31	6,555	1,378	6,237	1,554	7,675	949
March 31	4,470	1,021	3,874	1,016	4,780	450
July 31	2,220	300	1,850	275	1,535	75
August 31	1,580	200	850	130	1,100	30
Maritimes						
December 31	8	3	10	4	23	4
March 31	4	1	4	1	7	1
July 31	0	0	0	0	2	0
August 31	0	0	0	0	0	0
Quebec						
December 31	2,725	260	2,200	295	3,075	170
March 31	1,875	210	1,350	200	1,900	90
July 31	900	60	600	70	650	20
August 31	630	50	300	45	460	10
Ontario						
December 31	3,650	1,075	3,700	1,075	4,200	675
March 31	2,450	780	2,250	700	2,660	305
July 31	1,200	225	1,050	170	800	35
August 31	950	150	550	85	600	20
Eastern Canada						
December 31	6,383	1,338	5,910	1,374	7,298	849
March 31	4,329	991	3,604	901	4,567	396
July 31	2,100	285	1,650	240	1,452	55
August 31	1,580	200	850	130	1,060	30
Manitoba						
December 31	170	40	325	180	360	100
March 31	140	30	270	115	200	54
July 31	120	15	200	35	75	20
August 31	0	0	0	0	40	0
Alberta						
December 31	2	...	2	...	17	...
March 31	1	...	0	...	13	...
July 31	0	...	0	...	8	...
August 31	0	...	0	...	0	...
Western Canada						
December 31	172	40	327	180	377	100
March 31	141	30	270	115	213	54
July 31	120	15	200	35	83	20
August 31	0	0	0	0	40	0

Crop categories

Definitions of the crop categories referenced in Report No. 7, Field Crop Reporting Series are listed below.

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

Coarse grains: oats, barley, rye, corn for grain and mixed grains.

Oilseeds: canola, flaxseed and soybeans.

Major special crops: lentils, dry field peas, mustard seed, canary seed, sunflower 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, Indian reserves, etc. The Census of Agriculture provides a list of farms and their crop areas from which a probability sample for the September crop production estimates is selected.

The target population for the September crop production estimates includes all farms in Canada enumerated in the Census of Agriculture except those on Indian reserves and farms from the Northwest Territories, Yukon and Atlantic region. Institutional farms are also excluded from the target population.

Probability surveys can use two types of sampling frames; list and area. In the September Crop Production 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 15,000 farms is drawn from the list frame for the September Crop Production Survey.

Data collection

Data collection for the September Crop Production Survey was carried out from September 2 to September 9, 2008.

Data collection for field crop surveys is undertaken using the Computer assisted telephone interview (CATI) system.

Edit and imputation

With the introduction of the CATI system, it is now 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 to the survey is approximately 2 to 3%. The remainder of the sample unaccounted for, can be explained by non-contact. Initial sample weights are adjusted (a process called raising factor adjustment) in cases of total and partial non-response.

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 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 and consultation with provincial statisticians, before a final estimate is published.

Revised production estimate

The September crop production estimates contained in this publication are preliminary and as such are subject to revisions once final data are received in the November survey.

The following table contains some statistics which indicate the magnitude and direction of the updates between the September Production Survey and final production estimates. The magnitude is measured by the average percent change between the preliminary and final estimates. The direction of the update is indicated by counting the number of years that the preliminary estimate is above or below the final published estimate.

The data indicate, for example, that the preliminary estimates of the September production for wheat are changed by a magnitude of, on average, 2.6% and usually in an upwards direction.

Text table 1

Magnitude and direction of changes between September and final production estimates, Canada 1997 to 2007

Crop	Number of years preliminary farms stocks data are revised:		
	Average change	Upwards	Downwards
	percent	number	
Wheat	2.6	7	4
Oats	2.7	4	7
Barley	2.1	3	8
Flaxseed	5.5	3	8
Canola	7.6	11	0
Corn for grain	9.6	10	1
Soybeans	5.6	7	4

Data quality

The September crop production 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 coefficient of variation. 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 and consultation process), these estimates do remain within the confidence interval of the survey level indicators. For the September Crop Production Survey, c.v.'s at the Canada level range from 1% to 5% for the major crops.

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.