

Field Crop Reporting Series

July 31 Estimate of Production of
Principal Field Crops, Canada



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Field Crop Reporting Series

July 31 Estimate of Production of Principal Field Crops, Canada

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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
- 0s 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

Table of contents

Highlights	4
Analysis	5
July 31 estimate of production of principal field crops, Canada	5
Related products	7
Statistical tables	
1 July 31 estimates of the 2008 production of principal field crops, Canada and provinces — Metric	10
2 July 31 estimates of the 2008 production of principal field crops, Canada and provinces — Imperial	13
3 July 31 estimates of the 2007 production of principal field crops, Canada and provinces — Metric	16
4 July 31 estimates of the 2007 production of principal field crops, Canada and provinces — Imperial	19
Data quality, concepts and methodology	
Crop categories	22
Methodology and data quality	23

Highlights

July 31 estimate of production of principal field crops, Canada

- Prairie farmers reported they expect to produce 10.3 million tonnes of canola, exceeding the previous high of 9.4 million tonnes in 2007. In Quebec and Ontario, farmers anticipated strong gains in soybean production.

Analysis

July 31 estimate of production of principal field crops, Canada

Prairie farmers reported they expect to produce 10.3 million tonnes of canola, exceeding the previous high of 9.4 million tonnes in 2007. In Quebec and Ontario, farmers anticipated strong gains in soybean production.

Data from the annual July farm survey, a preliminary survey of Canadian field crop production conducted from July 25 to August 4, indicated farmers in some regions were concerned that excessive rain and wet conditions have slowed crop development.

Despite excessive amounts of rain in many areas, Prairie farmers remained optimistic, reporting increases in potential yields for major field crops. Warmer weather, however, is required to finish crops.

At 10.3 million tonnes, canola production in the Prairies is expected to be up 8.7% from 2007. However, the full effect of ongoing crop damage due to hail is not yet known.

In Quebec and Ontario, although wet conditions have been slowing corn and soybean development, yield predictions for soybeans are improving. Farmers in these two provinces remained optimistic about their yield forecasts for grain corn.

Production up for wheat excluding durum

Prairie farmers reported they expect to harvest an above-average 17.5 million tonnes of wheat excluding durum, an increase of 19.6% or 2.9 million tonnes from 2007.

The previous five-year average (2003 to 2007) production was 17.2 million tonnes. Increases in both yield and harvested area combined to produce the increase.

Durum wheat production could rise strongly

In the Prairies, durum production is expected to rise 33.4% to 4.9 million tonnes, an increase of 1.2 million tonnes from 2007, the result of a strong increase in harvest area to 5.9 million acres.

The previous five-year average production estimate was 4.4 million tonnes.

Canola production up in Prairies

Prairie canola production is poised to rise above the previous high reported in 2007.

Prairie canola production could increase 821,000 tonnes to 10.3 million tonnes, the result of both an above average yield of 29.3 bushels per acre and an expected strong harvest area of 15.4 million acres.

Two out of three Prairie provinces may reach previously unattained levels of canola production. Manitoba production could grow to 2.1 million tonnes, exceeding the previous high level of 2.0 million tonnes in 2007.

Alberta farmers also reported an expected production increase for canola to 3.8 million tonnes. The former high of 3.7 million tonnes was reported in 2005.

Saskatchewan canola production should rise 8.3% to 4.4 million tonnes.

Prairie feed grain production set to decline

Prairie farmers expected production of barley and oats to fall in 2008 as a result of strong declines in harvested area.

Barley production should decrease slightly to 10.2 million tonnes, down 0.9%, and oat production is expected to drop 13.3% to 3.7 million tonnes.

Ontario, Quebec farmers in line to produce more soybeans but less grain corn

Farmers in Ontario and Quebec expected to produce less corn for grain, mainly due to declines in expected harvested area. Quebec corn production should fall 20.1% to 3.3 million tonnes, while Ontario production should decrease 12.6% to 6.1 million tonnes.

In both Quebec and Ontario, soybean production is expected to rise.

In Quebec, soybean production is forecast to increase 33.5% to 630,000 tonnes, a level not reached since the previous high of 535,000 tonnes set in 2006. This is the result of similar percentage increase in harvested area to a never before attained area of 573,300 acres.

Ontario farmers expected an increase in soybean production of 12.5% to 2.3 million tonnes, a level equivalent to the five-year average.

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

July 31 estimates 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
Canada				
Winter wheat ¹	1,038.30	1,032.10	4,100	4,190.60
Spring wheat	6,650.10	6,532.90	2,500	16,325.30
Durum wheat	2,468.60	2,395.70	2,000	4,909.70
All wheat	10,157.0	9,960.7	2,600	25,425.6
Oats	1,773.40	1,486.20	2,700	4,060.60
Barley	3,671.40	3,403.20	3,200	10,876.20
Fall rye ¹	137.7	127.5	2,300	293.3
Flaxseed ²	611.1	605.1	1,300	765.3
Canola	6,398.90	6,324.10	1,600	10,375.30
Corn for grain	1,204.00	1,180.80	8,400	9,891.80
Dry peas	1,535.50	1,495.20	2,200	3,271.70
Soybeans	1,211.30	1,209.30	2,600	3,166.50
Dry white beans	54.7	52.6	1,900	101.3
Dry coloured beans	92	88.7	2,000	179.4
Summerfallow	2,341.00	...	...	...
Prince Edward Island				
Winter wheat ¹	2	2	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
Barley	32.4	31.6	3,000	93.4
Mixed grains	3.2	3.2	2,500	8
Soybeans	8.1	8.1	2,700	21.8
Nova Scotia				
Winter wheat ¹	1.6	1.6	3,800	6
Spring wheat	1	1	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
Corn for grain	4.9	4.9	7,800	38.1
New Brunswick				
Winter wheat ¹	0.2	0.2	5,000	1
Spring wheat	2	2	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	3,400	15.5
Spring wheat	49	49	3,400	165
All wheat	53.5	53.5	3,400	180.5
Oats	102	96.5	2,600	250
Barley	100	98.5	3,200	320
Mixed grains	21	19.5	2,900	56
Canola	21	21	2,100	45
Corn for grain	395	390	8,400	3,275.00
Soybeans	232	232	2,700	630
Total dry beans	5	5	2,500	12.3

See footnotes at the end of the table.

Table 1 – continued

July 31 estimates 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
Ontario				
Winter wheat ¹	479.6	477.5	5,100	2,419.50
Spring wheat	78.9	78.9	3,400	270.1
All wheat	558.5	556.4	4,800	2,689.6
Oats	30.4	26.3	2,500	64.8
Barley	62.7	60.7	3,400	206.3
Fall rye ¹	22.3	22.3	2,500	55.8
Mixed grains	46.5	40.5	3,100	124.4
Canola	22.3	22.3	1,700	38
Corn for grain	718.3	710.2	8,600	6,107.70
Soybeans	849.8	847.8	2,700	2,250.70
Dry white beans	32.4	32.4	2,000	64.6
Dry coloured beans	22.3	22.3	2,000	44.4
Manitoba				
Winter wheat ¹	222.6	222.6	4,000	898.1
Spring wheat	1,064.30	1,060.30	2,600	2,769.00
All wheat	1,286.9	1,282.9	2,900	3,667.1
Oats	364.2	344	3,200	1,085.70
Barley	311.6	291.4	3,300	976.1
Fall rye ¹	30.4	28.3	2,600	74.9
Flaxseed ²	111.3	109.3	1,400	148.1
Canola	1,246.40	1,232.30	1,700	2,072.90
Corn for grain	72.8	70.8	6,100	434.4
Dry peas	50.5	48.5	2,500	119.4
Soybeans	121.4	121.4	2,200	264
Dry white beans	22.3	20.2	1,800	36.7
Dry coloured beans	46.5	46.5	1,900	88.6
Sunflower seeds	70.8	70.8	1,800	129.2
Summerfallow	57	...	...	...
Saskatchewan				
Winter wheat ¹	222.6	218.5	2,500	544.3
Spring wheat	3,095.80	3,039.20	2,100	6,429.80
Durum wheat	2,063.90	2,003.20	1,900	3,883.70
All wheat	5,382.3	5,260.9	2,100	10,857.8
Oats	890.3	777	2,600	1,995.60
Barley	1,477.10	1,396.20	2,900	4,006.10
Fall rye ¹	60.7	52.6	1,900	99.1
Flaxseed ²	477.5	473.5	1,200	579.1
Canola	2,994.70	2,954.20	1,500	4,422.50
Dry peas	1,173.50	1,141.20	2,100	2,374.50
Lentils	631.3	623.2	1,400	862.7
Mustard seed	145.7	137.6	900	125.7
Canary seed	153.8	149.8	1,100	168.8
Chick peas	72.9	72.9	1,500	108.3
Summerfallow	1,619.00	...	...	...
Alberta				
Winter wheat ¹	105.2	105.2	2,800	299.4
Spring wheat	2,322.80	2,266.20	2,900	6,593.20
Durum wheat	404.7	392.5	2,600	1,026.00
All wheat	2,832.7	2,763.9	2,900	7,918.6
Oats	344	210.4	2,800	590.7
Barley	1,639.00	1,481.10	3,500	5,177.50
Fall rye ¹	24.3	24.3	2,600	63.5
Flaxseed ²	22.3	22.3	1,700	38.1
Canola	2,084.10	2,063.90	1,800	3,760.30
Dry peas	311.5	305.5	2,500	777.8
Dry coloured beans	18.2	14.9	2,300	34.1
Mustard seed	52.6	48.5	1,100	51.6

See footnotes at the end of the table.

Table 1 – continued

July 31 estimates 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
Summerfallow	647	...	...	...
British Columbia				
Spring wheat	24.2	24.2	1,900	46.5
Oats	24.3	14.2	1,800	25.3
Barley	32.4	28.3	1,600	46.6
Canola	30.4	30.4	1,200	36.6
Summerfallow	18	...	...	...
Western Canada				
Winter wheat ¹	550.4	546.3	3,200	1,741.80
Spring wheat	6,507.10	6,389.90	2,500	15,838.50
Durum wheat	2,468.60	2,395.70	2,000	4,909.70
All wheat	9,526.1	9,331.9	2,400	22,490.0
Oats	1,622.80	1,345.60	2,700	3,697.30
Barley	3,460.10	3,197.00	3,200	10,206.30
Fall rye ¹	115.4	105.2	2,300	237.5
Flaxseed ²	611.1	605.1	1,300	765.3
Canola	6,355.60	6,280.80	1,600	10,292.30
Dry peas	1,535.50	1,495.20	2,200	3,271.70
Summerfallow	2,341.00	...	...	...

1. The area remaining in June after winterkill.

2. Excludes solin.

Table 2

July 31 estimates 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	2,565.70	2,550.70	60.4	153,976
Spring wheat	16,433.60	16,143.60	37.2	599,848
Durum wheat	6,100.00	5,920.00	30.5	180,400
All wheat	25,099.3	24,614.3	38.0	934,223
Oats	4,382.00	3,672.50	71.7	263,295
Barley	9,072.10	8,409.40	59.4	499,537
Fall rye ¹	340	315	36.7	11,545
Flaxseed ²	1,510.00	1,495.00	20.2	30,130
Canola	15,811.90	15,626.90	29.3	457,474
Corn for grain	2,975.10	2,917.70	133.5	389,421
Dry peas	3,795.00	3,695.00	32.5	120,215
Soybeans	2,993.30	2,988.30	38.9	116,349
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	135	130	17.2	2,235
Dry coloured beans	227.4	219.4	18	3,956
Summerfallow	5,785.00	...	...	...
Prince Edward Island				
Winter wheat ¹	5	5	50	250
Spring wheat	30	30	50	1,500
All wheat	35.0	35.0	50.0	1,750
Oats	14	13	70	910
Barley	80	78	55	4,290
Mixed grains	8	8	55	440
Soybeans	20	20	40	800
Nova Scotia				
Winter wheat ¹	4	4	55	220
Spring wheat	2.5	2.5	60	150
All wheat	6.5	6.5	56.9	370
Oats	6	6	60	360
Barley	12	11	50	550
Corn for grain	12	12	125	1,500
New Brunswick				
Winter wheat ¹	0.6	0.6	60	36
Spring wheat	5	5	50	250
All wheat	5.6	5.6	51.1	286
Oats	25	25	75	1,875
Barley	28	27	65	1,755
Corn for grain	12	12	120	1,440
Quebec				
Winter wheat ¹	11.1	11.1	51.2	570
Spring wheat	121.1	121.1	50.1	6,063
All wheat	132.2	132.2	50.2	6,632
Oats	252	238.5	68	16,210
Barley	247.1	243.4	60.4	14,697
Mixed grains	51.9	48.2	56.9	2,744
Canola	51.9	51.9	38.2	1,984
Corn for grain	976.1	963.7	133.8	128,931
Soybeans	573.3	573.3	40.4	23,149

See footnotes at the end of the table.

Table 2 – continued

July 31 estimates of the 2008 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		hundred weight per acre	thousands of hundred weight
Total dry beans	12.4	12.4	21.9	271
Ontario				
Winter wheat ¹	1,185.00	1,180.00	75.3	88,900
Spring wheat	195	195	50.9	9,925
All wheat	1,380.0	1,375.0	71.9	98,825
Oats	75	65	64.6	4,200
Barley	155	150	63.2	9,475
Fall rye ¹	55	55	39.9	2,195
Mixed grains	115	100	68.6	6,855
Canola	55	55	30.5	1,675
Corn for grain	1,775.00	1,755.00	137	240,450
Soybeans	2,100.00	2,095.00	39.5	82,700
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	80	80	17.8	1,425
Coloured dry beans	55	55	17.8	980
Manitoba				
Winter wheat ¹	550	550	60	33,000
Spring wheat	2,630.00	2,620.00	38.8	101,740
All wheat	3,180.0	3,170.0	42.5	134,740
Oats	900	850	82.8	70,400
Barley	770	720	62.3	44,830
Fall rye ¹	75	70	42.1	2,950
Flaxseed ²	275	270	21.6	5,830
Canola	3,080.00	3,045.00	30	91,400
Corn for grain	180	175	97.7	17,100
Dry peas	125	120	36.5	4,385
Soybeans	300	300	32.3	9,700
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	55	50	16.2	810
Dry coloured beans	115	115	17	1,955
	thousands of acres		pounds per acre	thousands of pounds
Sunflower seeds	175	175	1,627	284,800
Summerfallow	140	...	...	...
Saskatchewan				
Winter wheat ¹	550	540	37	20,000
Spring wheat	7,650.00	7,510.00	31.5	236,250
Durum wheat	5,100.00	4,950.00	28.8	142,700
All wheat	13,300.0	13,000.0	30.7	398,950
Oats	2,200.00	1,920.00	67.4	129,400
Barley	3,650.00	3,450.00	53.3	184,000
Fall rye ¹	150	130	30	3,900
Flaxseed ²	1,180.00	1,170.00	19.5	22,800
Canola	7,400.00	7,300.00	26.7	195,000
Dry peas	2,900.00	2,820.00	30.9	87,250
	thousands of acres		pounds per acre	thousands of pounds
Lentils	1,560.00	1,540.00	1,235	1,902,100
Mustard seed	360	340	815	277,230
Canary seed	380	370	1,006	372,200
Chick peas	180	180	1,326	238,600
Summerfallow	4,000.00	...	...	...

See footnotes at the end of the table.

Table 2 – continued

July 31 estimates of the 2008 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		pounds per acre	thousands of pounds
Alberta				
Winter wheat ¹	260	260	42.3	11,000
Spring wheat	5,740.00	5,600.00	43.3	242,260
Durum wheat	1,000.00	970	38.9	37,700
All wheat	7,000.0	6,830.0	42.6	290,960
Oats	850	520	73.7	38,300
Barley	4,050.00	3,660.00	65	237,800
Fall rye ¹	60	60	41.7	2,500
Flaxseed ²	55	55	27.3	1,500
Canola	5,150.00	5,100.00	32.5	165,800
Dry peas	770	755	37.9	28,580
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry coloured beans	45	37	20.3	750
	thousands of acres		pounds per acre	thousands of pounds
Mustard seed	130	120	948	113,760
Summerfallow	1,600.00	...	...	...
British Columbia				
Spring wheat	60	60	28.5	1,710
Oats	60	35	46.9	1,640
Barley	80	70	30.6	2,140
Canola	75	75	21.5	1,615
Summerfallow	45	...	...	...
Western Canada				
Winter wheat ¹	1,360.00	1,350.00	47.4	64,000
Spring wheat	16,080.00	15,790.00	36.9	581,960
Durum wheat	6,100.00	5,920.00	30.5	180,400
All wheat	23,540.0	23,060.0	35.8	826,360
Oats	4,010.00	3,325.00	72.1	239,740
Barley	8,550.00	7,900.00	59.3	468,770
Fall rye ¹	285	260	36	9,350
Flaxseed ²	1,510.00	1,495.00	20.2	30,130
Canola	15,705.00	15,520.00	29.2	453,815
Dry peas	3,795.00	3,695.00	32.5	120,215
Summerfallow	5,785.00	...	...	...

1. The area remaining in June after winterkill.

2. Excludes solin.

Table 3

July 31 estimates 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	2,499.20
Spring wheat	6,157.20	6,086.10	2,300	13,873.40
Durum wheat	1,948.60	1,926.30	1,900	3,681.40
All wheat	8,747.9	8,636.3	2,300	20,054.0
Oats	2,188.40	1,815.70	2,600	4,696.30
Barley	4,396.80	3,997.70	2,700	10,983.90
Fall rye ¹	123.4	109.3	2,100	233
Flaxseed ²	528	524	1,200	633.5
Canola	6,321.6 ^r	6,277.0 ^r	1,500 ^r	9,528.5 ^r
Corn for grain	1,391.50	1,368.70	8,500	11,648.70
Dry peas	1,469.00	1,442.70	2,000	2,934.80
Soybeans	1,180.10	1,171.50	2,300	2,695.70
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 ^r	...	...	...
Prince Edward Island				
Winter wheat ¹	3	3	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	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	2,300	4.5
Barley	2.8	2.6	2,700	6.9
Corn for grain	4	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
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
All wheat	56.5	56.2	3,100	173.7
Oats	115	109	2,600	280
Barley	95	94.5	3,300	308
Mixed grains	25	23.5	3,000	70
Canola	8.5	8.5	2,200	18.5
Corn for grain	450	449	9,100	4,100.00
Soybeans	176	175.5	2,700	472
Total dry beans	6.5	6.2	2,000	12.5
Ontario				
Winter wheat ¹	240.8	240.8	5,000	1,192.00
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

See footnotes at the end of the table.

Table 3 – continued

July 31 estimates 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
Mixed grains	56.7	50.6	2,900	147
Canola	14.2	14.2	2,000	27.8
Corn for grain	849.8	831.6	8,400	6,985.30
Soybeans	906.5	900.4	2,200	2,000.30
Dry white beans	34.4	34.4	1,800	62.1
Dry coloured beans	30.3	29.9	1,500	45.5
Manitoba				
Winter wheat ¹	178.1	178.1	4,200	741.6
Spring wheat	1,005.60	995.4	2,500	2,469.80
All wheat	1,183.7	1,173.5	2,700	3,211.4
Oats	424.9	398.6	3,000	1,204.50
Barley	412.8	380.4	3,100	1,195.30
Fall rye ¹	22.3	22.3	2,400	53.9
Flaxseed ²	80.9	78.9	1,300	105.4
Canola	1,283.3 ^r	1,228.2 ^r	1,600 ^r	1,950.4 ^r
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
Canary seed	6.1	6.1	1,000	6.3
Sunflower seeds	76.9	74.9	1,600	119.8
Summerfallow	71.0 ^r	...	...	...
Saskatchewan				
Winter wheat ¹	151.8	141.6	2,600	367.4
Spring wheat	3,029.10	3,002.00	1,900	5,679.60
Durum wheat	1,639.00	1,618.70	1,900	3,011.40
All wheat	4,819.9	4,762.3	1,900	9,058.4
Oats	1,133.10	985.4	2,400	2,401.20
Barley	1,780.60	1,659.20	2,400	3,945.20
Fall rye ¹	52.6	50.6	2,000	99.1
Flaxseed ²	435	433	1,200	511.8
Canola	2,994.7 ^r	2,974.4 ^r	1,400 ^r	4,082.3 ^r
Dry peas	1,183.70	1,163.50	2,000	2,309.60
Lentils	540.2	534.2	1,300	673.9
Mustard seed	141.6	141.6	600	87.3
Canary seed	172	167.9	900	155.7
Chick peas	153.8	153.8	1,300	198.1
Summerfallow	2,064.0 ^r	...	...	...
Alberta				
Winter wheat ¹	64.7	56.7	3,100	175.5
Spring wheat	1,969.60	1,936.40	2,700	5,230.60
Durum wheat	309.6	307.6	2,200	670
All wheat	2,343.9	2,300.7	2,600	6,076.1
Oats	424.9	250.9	2,500	627.4
Barley	1,962.70	1,728.00	3,000	5,114.30
Fall rye ¹	28.3	16.2	2,300	36.8
Flaxseed ²	12.1	12.1	1,300	16.3
Canola	2,037.6 ^r	2,023.4 ^r	1,700 ^r	3,401.9 ^r
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
Summerfallow	824.0 ^R	...	...	...

See footnotes at the end of the table.

Table 3 – continued

July 31 estimates 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
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
Summerfallow	18	...	...	...
Western Canada				
Winter wheat ¹	394.6	376.4	3,400	1,284.50
Spring wheat	6,020.50	5,950.00	2,300	13,428.60
Durum wheat	1,948.60	1,926.30	1,900	3,681.40
All wheat	8,363.7	8,252.7	2,200	18,394.5
Oats	2,017.30	1,655.10	2,600	4,287.80
Barley	4,182.40	3,787.80	2,700	10,312.50
Fall rye ¹	103.2	89.1	2,100	189.8
Flaxseed ²	528	524	1,200	633.5
Canola	6,298.9 ^r	6,254.3 ^r	1,500 ^r	9,482.2 ^r
Dry peas	1,469.00	1,442.70	2,000	2,934.80
Summerfallow	2,977.0 ^r	...	...	...

1. The area remaining in June after winterkill.

2. Excludes solin.

Table 4

July 31 estimates 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	1,586.70	1,541.70	59.6	91,832
Spring wheat	15,214.90	15,039.50	33.9	509,755
Durum wheat	4,815.00	4,760.00	28.4	135,270
All wheat	21,616.6	21,341.2	34.5	736,856
Oats	5,407.70	4,486.80	67.9	304,512
Barley	10,864.80	9,878.50	51.1	504,488
Fall rye ¹	305	270	34	9,170
Flaxseed ²	1,305.00	1,295.00	19.3	24,940
Canola	15,621.0 ^r	15,511.0 ^r	27.1 ^r	420,141 ^r
Corn for grain	3,439.00	3,382.50	135.6	458,587
Dry peas	3,630.00	3,565.00	30.2	107,830
Soybeans	2,915.90	2,894.70	34.2	99,050
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	150	150	15.5	2,320
Dry coloured beans	229.1	227.3	16.6	3,781
Summerfallow	7,355.0 ^r	...	...	...
Prince Edward Island				
Winter wheat ¹	7.5	7.5	48	360
Spring wheat	19	18.5	46	851
All wheat	26.5	26.0	46.6	1,211
Oats	12	11.5	68	782
Barley	85	81	53	4,293
Mixed grains	10	9.5	51	485
Soybeans	11	11	37	407
Nova Scotia				
Winter wheat ¹	2	2	62	124
Spring wheat	2	1.8	32	58
All wheat	4.0	3.8	47.8	182
Oats	5.5	5	58	290
Barley	7	6.5	49	319
Corn for grain	10	9.5	115	1,093
New Brunswick				
Winter wheat ¹	0.5	0.5	56	28
Spring wheat	4	4	42	168
All wheat	4.5	4.5	43.6	196
Oats	21	21	74	1,554
Barley	33	32.5	64	2,080
Corn for grain	7	6.5	116	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	21	38.8	816
Corn for grain	1,112.00	1,109.50	145.5	161,410
Soybeans	434.9	433.7	40	17,343

See footnotes at the end of the table.

Table 4 – continued

July 31 estimates of the 2007 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		hundred weight per acre	thousands of hundred weight
Total dry beans	16.1	15.3	18	276
Ontario				
Winter wheat ¹	595	595	73.6	43,800
Spring wheat	180	180	51.1	9,200
All wheat	775.0	775.0	68.4	53,000
Oats	100	90	63.3	5,700
Barley	170	165	60.6	10,000
Fall rye ¹	50	50	34	1,700
Mixed grains	140	125	64.8	8,100
Canola	35	35	35	1,225
Corn for grain	2,100.00	2,055.00	133.8	275,000
Soybeans	2,240.00	2,225.00	33	73,500
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	85	85	16.1	1,370
Dry coloured beans	75	74	13.6	1,005
Manitoba				
Winter wheat ¹	440	440	61.9	27,250
Spring wheat	2,485.00	2,460.00	36.9	90,750
All wheat	2,925.0	2,900.0	40.7	118,000
Oats	1,050.00	985	79.3	78,100
Barley	1,020.00	940	58.4	54,900
Fall rye ¹	55	55	38.5	2,120
Flaxseed ²	200	195	21.3	4,150
Canola	3,060.0 ^r	3,045.0 ^r	28.3 ^r	86,000 ^r
Corn for grain	200	195	99.6	19,430
Dry peas	95	95	37.8	3,590
Soybeans	230	225	34.7	7,800
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	65	65	14.6	950
Dry coloured beans	85	85	15.3	1,300
	thousands of acres		pounds per acre	thousands of pounds
Sunflower seeds	190	185	1,428	264,100
Summerfallow	175.0 ^r	...	...	...
Saskatchewan				
Winter wheat ¹	375	350	38.6	13,500
Spring wheat	7,485.00	7,418.00	28.1	208,690
Durum wheat	4,050.00	4,000.00	27.7	110,650
All wheat	11,910.0	11,768.0	28.3	332,840
Oats	2,800.00	2,435.00	63.9	155,700
Barley	4,400.00	4,100.00	44.2	181,200
Fall rye ¹	130	125	31.2	3,900
Flaxseed ²	1,075.00	1,070.00	18.8	20,150
Canola	7,400.0 ^r	7,350.0 ^r	24.5 ^r	180,000 ^r
Dry peas	2,925.00	2,875.00	29.5	84,860
	thousands of acres		pounds per acre	thousands of pounds
Lentils	1,335.00	1,320.00	1,126	1,485,650
Mustard seed	350	350	550	192,500
Canary seed	425	415	827	343,200
Chick peas	380	380	1,149	436,650
Summerfallow	5,100.0 ^r	...	...	...

See footnotes at the end of the table.

Table 4 – continued

July 31 estimates of the 2007 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		pounds per acre	thousands of pounds
Alberta				
Winter wheat ¹	160	140	46.1	6,450
Spring wheat	4,867.00	4,785.00	40.2	192,190
Durum wheat	765	760	32.4	24,620
All wheat	5,792.0	5,685.0	39.3	223,260
Oats	1,050.00	620	65.6	40,680
Barley	4,850.00	4,270.00	55	234,900
Fall rye ¹	70	40	36.3	1,450
Flaxseed ²	30	30	21.3	640
Canola	5,035.0 ^r	5,000 ^r	30.0 ^r	150,000 ^r
Dry peas	610	595	32.6	19,380
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry coloured beans	53	53	22.6	1,200
	thousands of acres		pounds per acre	thousands of pounds
Mustard seed	85	85	702	59,650
Summerfallow	2,035.0 ^r	...	...	...
British Columbia				
Spring wheat	40	40	44.6	1,785
Oats	85	50	71	3,550
Barley	65	50	53	2,650
Canola	70	70	30	2,100
Summerfallow	45	...	...	...
Western Canada				
Winter wheat ¹	975	930	50.8	47,200
Spring wheat	14,877.00	14,703.00	33.6	493,415
Durum wheat	4,815.00	4,760.00	28.4	135,270
All wheat	20,667.0	20,393.0	33.1	675,885
Oats	4,985.00	4,090.00	68	278,030
Barley	10,335.00	9,360.00	50.6	473,650
Fall rye ¹	255	220	34	7,470
Flaxseed ²	1,305.00	1,295.00	19.3	24,940
Canola	15,565.0 ^r	15,455.0 ^r	27.1 ^r	418,100 ^r
Dry peas	3,630.00	3,565.00	30.2	107,830
Summerfallow	7,355.0 ^r	...	...	...

1. The area remaining in June after winterkill.

2. Excludes solin.

Crop categories

Definitions of the crop categories referenced in Report No. 5, Field Crop Reporting Series are listed below.

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

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

Oilseeds: canola, flaxseed and soybeans.

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

Methodology and data quality

Survey frame and sample selection

The target population for the July 31 crop production estimates includes all farms in Canada enumerated in the Census of Agriculture with the exception of institutional farms, farms on Indian reserves and farms from the Northwest Territories, Yukon and Atlantic region.

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 probability sample for the July 31 crop production estimates is selected.

Probability surveys can use two types of sampling frames, list and area. In the July 31 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 15,100 farms was drawn from the list frame for the July 31 Crop Production Survey.

Data collection

Data collection for the July 31 Crop Production Survey was carried out from July 25 to August 4, 2008.

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

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 6 to 7%. 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.

Revisions

The crop production estimates contained in this publication reflect producers' production expectations as of July 31. Producers' production expectations will be surveyed again in September as harvest progresses. Production will be estimated after the harvest in November.

Data quality

The July 31 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 July 31 Crop Production Survey, c.v.'s at the Canada level range from 1% to 10% 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.