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Field Crop Reporting Series

July 31 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
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

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Highlights

July 31 estimate of production of principal field crops, Canada

- Farmers reported they expect to produce less grains and oilseeds in the Prairies compared to 2008. Farmers in Ontario and Quebec could produce less corn but more soybeans.

Analysis

July 31 estimate of production of principal field crops, Canada

Farmers reported they expect to produce less grains and oilseeds in the Prairies compared to 2008. Farmers in Ontario and Quebec could produce less corn but more soybeans.

The July farm survey is a preliminary survey of Canadian field crop production, and was conducted between July 27 to August 4, covering 14,600 Canadian farmers.

In the West, late germination caused by unfavourable conditions this spring has held back progress by about two weeks compared to normal. Yields will drop for all major crops compared to 2008. In the drought-stricken areas of Saskatchewan and Alberta, higher than normal abandonment was also shown to be a factor in the loss of production.

In Ontario and Quebec, excessive moisture and cool growing conditions held back growing progress.

Canola production down

Canola production in the Prairies should decline considerably, with a reduction in area and drop in yield responsible. Production in the Prairie provinces is estimated at 9.4 million tonnes, down 24.7% from 2008.

Farmers reported potential declines in area, yield and production for all three Prairie provinces. The largest percentage decline may occur in Alberta, where a drop of 38.8% to 2.6 million tonnes was reported.

Feed grains decline

In the Prairies, all provinces reported possible decreases in production of barley and oats. Early indications are that Prairie barley production will fall 26.1% to 8.3 million tonnes, and oat production will fall 34.4% to 2.6 million tonnes.

Oat production may drop 43.8% in Manitoba, followed by Saskatchewan at 31.2% and Alberta down 28.2%. Harvested area and yield were down in each province. Barley production should fall by similar amounts, with the largest decline of 30.6% reported in Alberta.

Soybean production expected to increase marginally

Farmers in Quebec and Ontario predict increases in soybean production, the result of an expected record harvested area in both provinces.

Soybean production in Quebec is expected to reach a new high at 610,000 tonnes. This optimism is based on a 5.0% increase in harvested area to an estimated 594,300 acres.

Ontario farmers expect an increase in soybean production of 1.6% to 2.5 million tonnes, the result of an additional 305,000 harvested acres to a total of 2.4 million acres.

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
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

Selected summary tables from Statistics Canada

- *Field and specialty crops*

Statistical tables

Table 1

July 31 estimates of the 2009 production of principal field crops, Canada and provinces — Metric

	Area		Yield	Production
	seeded	harvested	on harvested area	
	thousands of hectares		kilograms per hectare	thousands of tonnes
Canada				
Winter wheat [1]	755.4	754.7	3900	2,944.9
Spring wheat	7,075.8	6,933.3	2300	16,150.1
Durum wheat	2,258.2	2,221.8	2000	4,519.2
All wheat	**10,089.4**	**9,909.8**	**2400**	**23,614.2**
Oats	1,557.4	1,097.9	2700	2,967.4
Barley	3,544.2	3,037.8	2900	8,948.4
Fall rye [1]	131.5	125.5	2100	267.4
Flaxseed [2]	696.1	687.9	1300	915.0
Canola	6,404.0	6,187.5	1500	9,541.3
Corn for grain	1,230.6	1,180.2	8000	9,437.3
Dry Peas	1,515.4	1,499.2	2100	3,113.0
Soybeans	1,406.6	1,399.0	2500	3,482.8
Dry white beans	26.3	26.3	2000	52.8
Coloured dry beans	79.0	79.0	2100	164.8
Mustard seed	220.4	212.4	1000	208.6
Canary seed	127.5	123.4	1200	141.7
Chick peas	70.8	70.8	1800	127.7
Summerfallow	2,420.0	…	…	…
Prince Edward Island				
Winter wheat [1]	2.0	2.0	3800	7.5
Spring wheat	10.1	10.1	3200	32.7
All wheat	**12.1**	**12.1**	**3300**	**40.2**
Oats	4.9	4.9	2800	13.9
Barley	22.3	21.9	3000	64.7
Mixed grains	2.0	2.0	2500	5.0
Soybeans	11.3	11.3	3000	34.3
Nova Scotia				
Winter wheat [1]	2.2	2.2	4400	9.7
Spring wheat	0.4	0.4	3500	1.4
All wheat	**2.6**	**2.6**	**4300**	**11.1**
Oats	2.0	2.0	2100	4.2
Barley	2.0	2.0	2700	5.4
Corn for grain	3.2	3.2	7600	24.4
New Brunswick				
Winter wheat [1]	0.4	0.4	3800	1.5
Spring wheat	1.2	1.2	2900	3.5
All wheat	**1.6**	**1.6**	**3100**	**5.0**
Oats	8.9	8.9	2700	23.8
Barley	10.5	10.5	3200	34.0
Corn for grain	2.8	2.8	7600	21.3
Quebec				
Winter wheat [1]	4.2	3.5	2900	10.0
Spring wheat	51.0	51.0	3100	160.0
All wheat	**55.2**	**54.5**	**3100**	**170.0**
Oats	105.0	100.0	2500	246.0
Barley	92.0	91.0	3200	289.0
Mixed grains	19.0	17.0	2800	48.0
Canola	12.0	12.0	2000	23.5
Corn for grain	395.0	373.0	7500	2,800.0
Soybeans	242.0	240.5	2500	610.0
Total dry beans	4.5	4.5	1600	7.0

See notes at the end of the table.

Table 1 – continued

July 31 estimates of the 2009 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]	370.3	370.3	5000	1,842.5
Spring wheat	46.5	45.7	3500	160.6
All wheat	**416.8**	**416.0**	**4800**	**2,003.1**
Oats	34.4	29.1	2700	78.7
Barley	72.8	69.6	3500	243.9
Fall rye [1]	14.2	14.2	2600	36.8
Mixed grains	46.5	42.5	3100	133.4
Canola	18.2	18.2	2200	40.0
Corn for grain	738.6	728.4	8400	6,134.4
Soybeans	971.2	971.2	2600	2,517.4
Dry white beans	20.2	20.2	2100	41.7
Coloured dry beans	18.1	18.1	2200	39.8
Manitoba				
Winter wheat [1]	105.2	105.2	3700	385.1
Spring wheat	1,230.2	1,224.1	2600	3,202.4
All wheat	**1,335.4**	**1,329.3**	**2700**	**3,587.5**
Oats	242.8	208.4	3000	627.7
Barley	263.0	236.7	3400	812.1
Fall rye [1]	32.4	32.4	2500	80.0
Flaxseed [2]	143.7	141.6	1400	200.7
Canola	1,244.4	1,226.2	1800	2,177.2
Corn for grain	78.9	72.8	6300	457.2
Dry Peas	38.4	38.4	2600	100.2
Soybeans	182.1	176.0	1800	321.1
Dry white beans	6.1	6.1	1800	11.1
Coloured dry beans	38.3	38.3	1800	68.1
Sunflower seeds	64.7	64.7	1600	101.6
Canary seed	6.1	6.1	1600	9.7
Summerfallow	132.0	…	…	…
Saskatchewan				
Winter wheat [1]	165.9	165.9	2500	416.4
Spring wheat	3,294.2	3,259.8	2200	7,032.4
Durum wheat	1,881.8	1,853.5	1900	3,532.6
All wheat	**5,341.9**	**5,279.2**	**2100**	**10,981.4**
Oats	768.9	570.6	2700	1,559.2
Barley	1,436.6	1,270.7	2900	3,659.9
Fall rye [1]	64.7	64.7	1900	121.9
Flaxseed [2]	526.1	526.1	1300	680.8
Canola	3,095.8	3,059.4	1500	4,610.8
Dry Peas	1,153.3	1,153.3	2100	2,403.2
Lentils	938.8	934.8	1400	1,306.8
Mustard seed	169.9	167.9	1000	162.1
Canary seed	121.4	117.3	1100	132.0
Chick peas	58.7	58.7	1700	100.6
Summerfallow	1,639.0	…	…	…

See notes at the end of the table.

Table 1 – continued

July 31 estimates of the 2009 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
Alberta				
Winter wheat [1]	105.2	105.2	2600	272.2
Spring wheat	2,411.9	2,310.7	2400	5,488.0
Durum wheat	376.4	368.3	2700	986.6
All wheat	**2,893.5**	**2,784.2**	**2400**	**6,746.8**
Oats	364.2	161.9	2400	388.6
Barley	1,618.7	1,315.2	2900	3,779.7
Fall rye [1]	20.2	14.2	2000	28.7
Flaxseed [2]	26.3	20.2	1700	33.5
Canola	2,003.2	1,841.3	1400	2,644.4
Dry Peas	323.7	307.5	2000	609.6
Coloured dry beans	18.1	18.1	2800	49.9
Mustard	50.5	44.5	1000	46.5
Chick peas	12.1	12.1	2200	27.1
Summerfallow	627.0	…	…	…
British Columbia				
Spring wheat	30.3	30.3	2300	69.1
Oats	26.3	12.1	2100	25.3
Barley	26.3	20.2	3000	59.7
Canola	30.4	30.4	1500	45.4
Summerfallow	22.0	…	…	…
Western Canada				
Winter wheat [1]	376.3	376.3	2900	1,073.7
Spring wheat	6,966.6	6,824.9	2300	15,791.9
Durum wheat	2,258.2	2,221.8	2000	4,519.2
All wheat	**9,601.1**	**9,423.0**	**2300**	**21,384.8**
Oats	1,402.2	953.0	2700	2,600.8
Barley	3,344.6	2,842.8	2900	8,311.4
Fall rye [1]	117.3	111.3	2100	230.6
Flaxseed [2]	696.1	687.9	1300	915.0
Canola	6,373.8	6,157.3	1500	9,477.8
Dry Peas	1,515.4	1,499.2	2100	3,113.0
Summerfallow	2,420.0	…	…	…

1. The area remaining in June after winterkill.
2. Excludes solin.

Table 2

July 31 estimates of the 2009 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]	1,866.9	1,865.1	58.0	108,205
Spring wheat	17,485.0	17,133.0	34.6	593,418
Durum wheat	5,580.0	5,490.0	30.2	166,050
All wheat	**24,931.9**	**24,488.2**	**35.4**	**867,673**
Oats	3,848.5	2,713.1	70.9	192,406
Barley	8,758.3	7,506.9	54.7	410,994
Fall rye [1]	325.0	310.0	34.0	10,530
Flaxseed [2]	1,720.0	1,700.0	21.2	36,020
Canola	15,824.7	15,289.7	27.5	420,701
Corn for grain	3,041.1	2,916.7	127.4	371,531
Dry Peas	3,745.0	3,705.0	30.9	114,380
Soybeans	3,476.0	3,457.3	37.0	127,974
	thousands of acres		hundred weight per acre	thousand of hundred weight
Dry white beans	65.0	65.0	17.9	1,165
Coloured dry beans	196.1	196.1	18.5	3,634
	thousand of acres		pounds per acre	thousand of pounds
Mustard seed	545.0	530.0	871	461,500
Canary seed	315.0	305.0	1024	312,300
Chick peas	175.0	175.0	1610	281,770
Summerfallow	5,980.0	…	…	…
Prince Edward Island				
	thousand of acres		bushels per acre	thousand of bushels
Winter wheat [1]	5.0	5.0	55.0	275
Spring wheat	25.0	25.0	48.0	1,200
All wheat	**30.0**	**30.0**	**49.2**	**1,475**
Oats	12.0	12.0	75.0	900
Barley	55.0	54.0	55.0	2,970
Mixed grains	5.0	5.0	55.0	275
Soybeans	28.0	28.0	45.0	1,260
Nova Scotia				
Winter wheat [1]	5.5	5.5	65.0	358
Spring wheat	1.0	1.0	50.0	50
All wheat	**6.5**	**6.5**	**62.7**	**408**
Oats	5.0	5.0	55.0	275
Barley	5.0	5.0	50.0	250
Corn for grain	8.0	8.0	120.0	960
New Brunswick				
Winter wheat [1]	1.0	1.0	55.0	55
Spring wheat	3.0	3.0	43.0	129
All wheat	**4.0**	**4.0**	**46.0**	**184**
Oats	22.0	22.0	70.0	1,540
Barley	26.0	26.0	60.0	1,560
Corn for grain	7.0	7.0	120.0	840

See notes at the end of the table.

Table 2 – continued

July 31 estimates of the 2009 production of principal field crops, Canada and provinces — Imperial

	Area		Yield	Production
	seeded	harvested	on harvested area	
	thousand of acres		bushels per acre	thousand of bushels
Quebec				
Winter wheat [1]	10.4	8.6	42.5	367
Spring wheat	126.0	126.0	46.6	5,879
All wheat	**136.4**	**134.7**	**46.4**	**6,246**
Oats	259.5	247.1	64.6	15,951
Barley	227.3	224.9	59.0	13,274
Mixed grains	47.0	42.0	56.0	2,352
Canola	29.7	29.7	34.9	1,036
Corn for grain	976.1	921.7	119.6	110,231
Soybeans	598.0	594.3	37.7	22,414
	thousand of acres		hundred weight per acre	thousand of hundred weight
Total dry beans	11.1	11.1	13.9	154
Ontario				
	thousand of acres		bushels per acre	thousand of bushels
Winter wheat [1]	915.0	915.0	74.0	67,700
Spring wheat	115.0	113.0	52.2	5,900
All wheat	**1,030.0**	**1,028.0**	**71.6**	**73,600**
Oats	85.0	72.0	70.8	5,100
Barley	180.0	172.0	65.1	11,200
Fall rye [1]	35.0	35.0	41.4	1,450
Mixed grains	115.0	105.0	70.0	7,350
Canola	45.0	45.0	39.2	1,765
Corn for grain	1,825.0	1,800.0	134.2	241,500
Soybeans	2,400.0	2,400.0	38.5	92,500
	thousand of acres		hundred weight per acre	thousand of hundred weight
Dry white beans	50.0	50.0	18.4	920
Coloured dry beans	45.0	45.0	19.6	880
Manitoba				
	thousand of acres		bushels per acre	thousand of bushels
Winter wheat [1]	260.0	260.0	54.4	14,150
Spring wheat	3,040.0	3,025.0	38.9	117,670
All wheat	**3,300.0**	**3,285.0**	**40.1**	**131,820**
Oats	600.0	515.0	79.0	40,700
Barley	650.0	585.0	63.8	37,300
Fall rye [1]	80.0	80.0	39.4	3,150
Flaxseed [2]	355.0	350.0	22.6	7,900
Canola	3,075.0	3,030.0	31.7	96,000
Corn for grain	195.0	180.0	100.0	18,000
Dry Peas	95.0	95.0	38.7	3,680
Soybeans	450.0	435.0	27.1	11,800
	thousand of acres		hundred weight per acre	thousand of hundred weight
Dry white beans	15.0	15.0	16.3	245
Coloured dry beans	95.0	95.0	15.8	1,500
	thousands of acres		pounds per acre	thousands of pounds
Sunflower seeds	160.0	160.0	1400	224,000
Canary seed	15.0	15.0	1427	21,400
Summerfallow	325.0	…	…	…

See notes at the end of the table.

Table 2 – continued

July 31 estimates of the 2009 production of principal field crops, Canada and provinces — Imperial

	Area		Yield	Production
	seeded	harvested	on harvested area	
	thousand of acres		bushels per acre	thousand of bushels
Saskatchewan				
Winter wheat [1]	410.0	410.0	37.3	15,300
Spring wheat	8,140.0	8,055.0	32.1	258,400
Durum wheat	4,650.0	4,580.0	28.3	129,800
All wheat	**13,200.0**	**13,045.0**	**30.9**	**403,500**
Oats	1,900.0	1,410.0	71.7	101,100
Barley	3,550.0	3,140.0	53.5	168,100
Fall rye [1]	160.0	160.0	30.0	4,800
Flaxseed [2]	1,300.0	1,300.0	20.6	26,800
Canola	7,650.0	7,560.0	26.9	203,300
Dry Peas	2,850.0	2,850.0	31.0	88,300
	thousands of acres		pounds per acre	thousands of pounds
Lentils	2,320.0	2,310.0	1247	2,881,200
Mustard seed	420.0	420.0	855	358,900
Canary seed	300.0	290.0	1003	290,900
Chick peas	145.0	145.0	1530	221,900
Summerfallow	4,050.0	…	…	…
Alberta				
	thousand of acres		bushels per acre	thousand of bushels
Winter wheat [1]	260.0	260.0	38.5	10,000
Spring wheat	5,960.0	5,710.0	35.3	201,650
Durum wheat	930.0	910.0	39.8	36,250
All wheat	**7,150.0**	**6,880.0**	**36.0**	**247,900**
Oats	900.0	400.0	63.0	25,200
Barley	4,000.0	3,250.0	53.4	173,600
Fall rye [1]	50.0	35.0	32.3	1,130
Flaxseed [2]	65.0	50.0	26.4	1,320
Canola	4,950.0	4,550.0	25.6	116,600
Dry Peas	800.0	760.0	29.5	22,400
	thousand of acres		hundred weight per acre	thousand of hundred weight
Coloured dry beans	45.0	45.0	24.4	1,100
	thousands of acres		pounds per acre	thousands of pounds
Mustard seed	125.0	110.0	933	102,600
Chick peas	30.0	30.0	1996	59,870
Summerfallow	1,550.0	…	…	…
British Columbia				
	thousand of acres		bushels per acre	thousand of bushels
Spring wheat	75.0	75.0	33.9	2,540
Oats	65.0	30.0	54.7	1,640
Barley	65.0	50.0	54.8	2,740
Canola	75.0	75.0	26.7	2,000
Summerfallow	55.0	…	…	…

See notes at the end of the table.

Table 2 – continued

July 31 estimates of the 2009 production of principal field crops, Canada and provinces — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousand of acres		bushels per acre	thousand of bushels
Western Canada				
Winter wheat [1]	930.0	930.0	42.4	39,450
Spring wheat	17,215.0	16,865.0	34.4	580,260
Durum wheat	5,580.0	5,490.0	30.2	166,050
All wheat	**23,725.0**	**23,285.0**	**33.7**	**785,760**
Oats	3,465.0	2,355.0	71.6	168,640
Barley	8,265.0	7,025.0	54.3	381,740
Fall rye [1]	290.0	275.0	33.0	9,080
Flaxseed [2]	1,720.0	1,700.0	21.2	36,020
Canola	15,750.0	15,215.0	27.5	417,900
Dry Peas	3,745.0	3,705.0	30.9	114,380
Summerfallow	5,980.0	…	…	…

1. The area remaining in June after winterkill.
2. Excludes solin.

Table 3

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

	Area		Yield	Production
	seeded	harvested	on harvested area	
	thousands of hectares		kilograms per hectare	thousands of tonnes
Canada				
Winter wheat [1]	1,058.9	1,046.7	4500	4,686.9
Spring wheat	6,621.9	6,569.0	2800	18,404.9
Durum wheat	2,440.3	2,416.0	2300	5,519.3
All wheat	**10,121.1**	**10,031.7**	**2900**	**28,611.1**
Oats	1,758.4	1,448.4	2900	4,272.6
Barley	3,786.6	3,501.6	3400	11,781.4
Fall rye [1]	137.6	131.5	2400	316.2
Flaxseed [2]	631.3	625.2	1400	861.1
Canola	6,539.6	6,494.4	1900	12,642.9
Corn for grain	1,204.0	1,168.8	9100	10,592.0
Dry Peas	1,616.6	1,582.2	2300	3,571.3
Soybeans	1,202.4	1,195.4	2800	3,335.9
Dry white beans	54.7	54.3	2000	108.9
Coloured dry beans	73.6	70.9	2200	157.3
Mustard seed	194.2	186.1	900	161.0
Canary seed	167.9	163.9	1200	195.6
Chick peas	44.4	42.4	1600	67.0
Summerfallow	2,456.0	…	…	…
Prince Edward Island				
Winter wheat [1]	2.0	2.0	3400	6.7
Spring wheat	15.0	14.2	2500	36.2
All wheat	**17.0**	**16.2**	**2600**	**42.9**
Oats	4.9	4.9	2700	13.0
Barley	31.2	30.4	2600	80.0
Mixed grains	3.2	3.2	2300	7.3
Soybeans	7.3	7.3	2300	17.1
Nova Scotia				
Winter wheat [1]	2.0	2.0	4700	9.3
Spring wheat	1.0	1.0	2400	2.4
All wheat	**3.0**	**3.0**	**3900**	**11.7**
Oats	2.4	2.2	2300	5.1
Barley	4.0	3.4	3000	10.2
Corn for grain	4.9	4.9	8000	39.3
New Brunswick				
Winter wheat [1]	0.2	0.2	2000	0.4
Spring wheat	2.0	2.0	2700	5.4
All wheat	**2.2**	**2.2**	**2600**	**5.8**
Oats	10.1	9.9	2300	22.7
Barley	11.3	11.3	2900	32.3
Corn for grain	4.9	4.9	7200	35.1
Quebec				
Winter wheat [1]	4.5	4.5	2800	12.5
Spring wheat	50.0	48.5	2800	137.0
All wheat	**54.5**	**53.0**	**2800**	**149.5**
Oats	102.0	94.0	2200	205.0
Barley	100.0	97.5	2600	258.0
Mixed grains	21.0	19.0	2500	48.0
Canola	18.0	17.5	1900	33.0
Corn for grain	395.0	382.0	8200	3,150.0
Soybeans	232.0	229.0	2600	600.0
Total dry beans	5.0	4.7	1600	7.7

See notes at the end of the table.

Table 3 – 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]	495.7	495.7	5400	2,675.3
Spring wheat	68.8	68.8	3300	228.6
All wheat	**564.5**	**564.5**	**5100**	**2,903.9**
Oats	30.4	26.3	2600	67.9
Barley	62.7	58.7	3300	191.6
Fall rye [1]	18.2	18.2	2500	45.7
Mixed grains	46.5	40.5	2900	118.8
Canola	22.3	22.3	2200	49.9
Corn for grain	712.2	700.1	9800	6,858.3
Soybeans	849.8	847.8	2900	2,476.6
Dry white beans	32.4	32.0	2300	72.6
Coloured dry beans	22.2	21.8	2500	55.1
Manitoba				
Winter wheat [1]	222.6	222.6	4600	1,016.5
Spring wheat	1,080.6	1,066.4	3100	3,264.4
All wheat	**1,303.2**	**1,289.0**	**3300**	**4,280.9**
Oats	348.0	323.7	3400	1,116.6
Barley	329.8	303.5	3700	1,121.3
Fall rye [1]	30.4	28.3	3000	83.8
Flaxseed [2]	107.2	105.2	1500	161.3
Canola	1,254.5	1,246.4	2100	2,576.4
Corn for grain	78.9	70.8	6700	473.7
Dry Peas	44.4	44.4	2400	107.5
Soybeans	113.3	111.3	2200	242.2
Dry white beans	22.3	22.3	1600	36.3
Coloured dry beans	30.2	30.2	2000	59.6
Canary seed	10.1	10.1	1100	11.0
Sunflower seeds	68.8	68.8	1600	112.2
Summerfallow	61.0	…	…	…
Saskatchewan				
Winter wheat [1]	222.6	210.4	2800	579.7
Spring wheat	3,075.6	3,057.4	2400	7,416.2
Durum wheat	2,063.9	2,043.7	2200	4,441.6
All wheat	**5,362.1**	**5,311.5**	**2300**	**12,437.5**
Oats	890.3	768.9	2900	2,267.1
Barley	1,537.8	1,456.9	3200	4,594.0
Fall rye [1]	60.7	56.7	1900	110.5
Flaxseed [2]	505.9	501.8	1300	666.8
Canola	3,116.1	3,095.8	1800	5,629.1
Dry Peas	1,284.9	1,254.5	2200	2,732.4
Lentils	706.2	700.2	1500	1,043.2
Mustard seed	149.7	143.6	900	123.9
Canary seed	157.8	153.8	1200	184.6
Chick peas	44.4	42.4	1600	67.0
Summerfallow	1,679.0	…	…	…

See notes at the end of the table.

Table 3 – 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
Alberta				
Winter wheat [1]	109.3	109.3	3500	386.5
Spring wheat	2,306.7	2,288.5	3200	7,272.0
Durum wheat	376.4	372.3	2900	1,077.7
All wheat	**2,792.4**	**2,770.1**	**3200**	**8,736.2**
Oats	344.0	202.3	2700	541.3
Barley	1,679.4	1,517.6	3600	5,447.5
Fall rye [1]	28.3	28.3	2700	76.2
Flaxseed [2]	18.2	18.2	1800	33.0
Canola	2,104.4	2,092.2	2100	4,322.7
Dry Peas	287.3	283.3	2600	731.4
Coloured dry beans	16.2	14.2	2500	34.9
Mustard seed	44.5	42.5	900	37.1
Summerfallow	688.0	…	…	…
British Columbia				
Spring wheat	22.2	22.2	1900	42.7
Oats	26.3	16.2	2100	33.9
Barley	30.4	22.3	2100	46.5
Canola	24.3	20.2	1600	31.8
Summerfallow	28.0	…	…	…
Western Canada				
Winter wheat [1]	554.5	542.3	3700	1,982.7
Spring wheat	6,485.1	6,434.5	2800	17,995.3
Durum wheat	2,440.3	2,416.0	2300	5,519.3
All wheat	**9,479.9**	**9,392.8**	**2700**	**25,497.3**
Oats	1,608.6	1,311.1	3000	3,958.9
Barley	3,577.4	3,300.3	3400	11,209.3
Fall rye [1]	119.4	113.3	2400	270.5
Flaxseed [2]	631.3	625.2	1400	861.1
Canola	6,499.3	6,454.6	1900	12,560.0
Dry Peas	1,616.6	1,582.2	2300	3,571.3
Summerfallow	2,456.0	…	…	…

1. The area remaining in June after winterkill.
2. Excludes solin.

Table 4

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]	2,616.6	2,586.6	66.6	172,210
Spring wheat	16,363.1	16,232.3	41.7	676,272
Durum wheat	6,030.0	5,970.0	34.0	202,800
All wheat	**25,009.7**	**24,789.0**	**42.4**	**1,051,282**
Oats	4,345.0	3,579.3	77.4	277,033
Barley	9,357.1	8,652.4	62.5	541,112
Fall rye [1]	340.0	325.0	38.3	12,450
Flaxseed [2]	1,560.0	1,545.0	21.9	33,900
Canola	16,159.5	16,048.2	34.7	557,455
Corn for grain	2,975.1	2,887.9	144.4	416,988
Dry peas	3,995.0	3,910.0	33.6	131,225
Soybeans	2,971.3	2,953.9	41.5	122,576
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	135.0	134.0	17.9	2,400
Dry coloured beans	182.4	175.6	19.8	3,470
	thousands of acres		pounds per acre	thousands of pounds
Mustard seed	480.0	460.0	772	355,150
Canary seed	415.0	405.0	1065	431,400
Chick peas	110.0	105.0	1409	147,900
Summerfallow	6,070.0	…	…	…
	thousands of acres		bushels per acre	thousands of bushels
Prince Edward Island				
Winter wheat [1]	5.0	5.0	49.0	245
Spring wheat	37.0	35.0	38.0	1,330
All wheat	**42.0**	**40.0**	**39.4**	**1,575**
Oats	12.0	12.0	70.0	840
Barley	77.0	75.0	49.0	3,675
Mixed grains	8.0	8.0	50.0	400
Soybeans	18.0	18.0	35.0	630
Nova Scotia				
Winter wheat [1]	5.0	5.0	68.0	340
Spring wheat	2.5	2.5	35.0	88
All wheat	**7.5**	**7.5**	**57.0**	**428**
Oats	6.0	5.5	60.0	330
Barley	10.0	8.5	55.0	468
Corn for grain	12.0	12.0	129.0	1,548
New Brunswick				
Winter wheat [1]	0.5	0.5	32.0	16
Spring wheat	5.0	5.0	40.0	200
All wheat	**5.5**	**5.5**	**39.3**	**216**
Oats	25.0	24.5	60.0	1,470
Barley	28.0	28.0	53.0	1,484
Corn for grain	12.0	12.0	115.0	1,380

See notes at the end of the table.

Table 4 – 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		bushels per acre	thousands of bushels
Quebec				
Winter wheat [1]	11.1	11.1	41.3	459
Spring wheat	123.6	119.8	42.0	5,034
All wheat	**134.7**	**131.0**	**41.9**	**5,493**
Oats	252.0	232.3	57.2	13,293
Barley	247.1	240.9	49.2	11,850
Mixed grains	51.9	47.0	50.1	2,352
Canola	44.5	43.2	33.6	1,455
Corn for grain	976.1	943.9	131.4	124,010
Soybeans	573.3	565.9	39.0	22,046
	thousands of acres		hundred weight per acre	thousands of hundred weight
Total dry beans	12.4	11.6	14.6	170
	thousands of acres		bushels per acre	thousands of bushels
Ontario				
Winter wheat [1]	1,225.0	1,225.0	80.2	98,300
Spring wheat	170.0	170.0	49.4	8,400
All wheat	**1,395.0**	**1,395.0**	**76.5**	**106,700**
Oats	75.0	65.0	67.7	4,400
Barley	155.0	145.0	60.7	8,800
Fall rye [1]	45.0	45.0	40.0	1,800
Mixed grains	115.0	100.0	65.5	6,550
Canola	55.0	55.0	40.0	2,200
Corn for grain	1,760.0	1,730.0	156.1	270,000
Soybeans	2,100.0	2,095.0	43.4	91,000
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	80.0	79.0	20.3	1,600
Dry coloured beans	55.0	54.0	22.5	1,215
	thousands of acres		bushels per acre	thousands of bushels
Manitoba				
Winter wheat [1]	550.0	550.0	67.9	37,350
Spring wheat	2,670.0	2,635.0	45.5	119,950
All wheat	**3,220.0**	**3,185.0**	**49.4**	**157,300**
Oats	860.0	800.0	90.5	72,400
Barley	815.0	750.0	68.7	51,500
Fall rye [1]	75.0	70.0	47.1	3,300
Flaxseed [2]	265.0	260.0	24.4	6,350
Canola	3,100.0	3,080.0	36.9	113,600
Corn for grain	195.0	175.0	106.6	18,650
Dry peas	110.0	110.0	35.9	3,950
Soybeans	280.0	275.0	32.4	8,900
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry white beans	55.0	55.0	14.5	800
Dry coloured beans	75.0	75.0	17.5	1,315
	thousands of acres		pounds per acre	thousands of pounds
Canary seed	25.0	25.0	972	24,300
Sunflower seeds	170.0	170.0	1455	247,300
Summerfallow	150.0	…	…	…

See notes at the end of the table.

Table 4 – 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		bushels per acre	thousands of bushels
Saskatchewan				
Winter wheat [1]	550.0	520.0	41.0	21,300
Spring wheat	7,600.0	7,555.0	36.1	272,500
Durum wheat	5,100.0	5,050.0	32.3	163,200
All wheat	**13,250.0**	**13,125.0**	**34.8**	**457,000**
Oats	2,200.0	1,900.0	77.4	147,000
Barley	3,800.0	3,600.0	58.6	211,000
Fall rye [1]	150.0	140.0	31.1	4,350
Flaxseed [2]	1,250.0	1,240.0	21.2	26,250
Canola	7,700.0	7,650.0	32.4	248,200
Dry peas	3,175.0	3,100.0	32.4	100,400
	thousands of acres		pounds per acre	thousands of pounds
Lentils	1,745.0	1,730.0	1330	2,300,000
Mustard seed	370.0	355.0	770	273,250
Canary seed	390.0	380.0	1071	407,100
Chick peas	110.0	105.0	1409	147,900
Summerfallow	4,150.0	…	…	…
	thousands of acres		bushels per acre	thousands of bushels
Alberta				
Winter wheat [1]	270.0	270.0	52.6	14,200
Spring wheat	5,700.0	5,655.0	47.3	267,200
Durum wheat	930.0	920.0	43.0	39,600
All wheat	**6,900.0**	**6,845.0**	**46.9**	**321,000**
Oats	850.0	500.0	70.2	35,100
Barley	4,150.0	3,750.0	66.7	250,200
Fall rye [1]	70.0	70.0	42.9	3,000
Flaxseed [2]	45.0	45.0	28.9	1,300
Canola	5,200.0	5,170.0	36.9	190,600
Dry peas	710.0	700.0	38.4	26,875
	thousands of acres		hundred weight per acre	thousands of hundred weight
Dry coloured beans	40.0	35.0	22.0	770
	thousands of acres		pounds per acre	thousands of pounds
Mustard seed	110.0	105.0	780	81,900
Summerfallow	1,700.0	…	…	…
	thousands of acres		bushels per acre	thousands of bushels
British Columbia				
Spring wheat	55.0	55.0	28.5	1,570
Oats	65.0	40.0	55.0	2,200
Barley	75.0	55.0	38.8	2,135
Canola	60.0	50.0	28.0	1,400
Summerfallow	70.0	…	…	…

See notes at the end of the table.

Table 4 – 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		bushels per acre	thousands of bushels
Western Canada				
Winter wheat [1]	1,370.0	1,340.0	54.4	72,850
Spring wheat	16,025.0	15,900.0	41.6	661,220
Durum wheat	6,030.0	5,970.0	34.0	202,800
All wheat	**23,425.0**	**23,210.0**	**40.4**	**936,870**
Oats	3,975.0	3,240.0	79.2	256,700
Barley	8,840.0	8,155.0	63.1	514,835
Fall rye [1]	295.0	280.0	38.0	10,650
Flaxseed [2]	1,560.0	1,545.0	21.9	33,900
Canola	16,060.0	15,950.0	34.7	553,800
Dry peas	3,995.0	3,910.0	33.6	131,225
Summerfallow	6,070.0	…	…	…

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 14,600 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 27 to August 4, 2009.

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 producer's 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.