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Field Crop Reporting Series

July 31 Estimates of Production of Principal Field Crops

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Field Crop Reporting Series

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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
*	significantly different from reference category ($p < 0.05$)

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Highlights

July 31 estimates of production of principal field crops

- Prairie farmers anticipated producing a record harvest of canola, as well as higher volumes of barley, oats and wheat compared with 2010. Farmers in Ontario and Quebec anticipated a smaller crop of corn for grain in 2011.

Analysis

July 31 estimates of production of principal field crops

Prairie farmers anticipated producing a record harvest of canola, as well as higher volumes of barley, oats and wheat compared with 2010. Farmers in Ontario and Quebec anticipated a smaller crop of corn for grain in 2011.

In the West, farmers reported that recent hot, sunny weather may temper production losses that had been anticipated earlier because of a damp, late spring with persistent wet conditions in many areas.

In Ontario and Quebec, hot, dry conditions with random precipitation had producers concerned about crop yields for both corn for grain and soybeans in 2011.

Anticipated wheat production up

Total wheat production in the Prairies was expected to reach 21.5 million metric tonnes, up from 21.0 million tonnes produced in 2010.

Farmers estimated their average yield will be 40.0 bushels per acre, the same as 2010. Harvested area was estimated at 19.8 million acres, up 2.6%.

Saskatchewan and Alberta farmers expected increased production of wheat in 2011. In Manitoba, however, farmers anticipated a decline of 30.3%, or 988,600 tonnes, to 2.3 million tonnes, the result of adverse weather conditions.

Potential record production for canola

Prairie farmers expected canola production will increase 10.9% to a record 13.0 million tonnes. This would be the result of a record area to be harvested of 17.8 million acres and a strong yield of 32.3 bushels per acre.

In Saskatchewan, farmers anticipated a potential record production of 6.5 million tonnes. This would be the result of a record area to be harvested of 9.2 million acres, an increase of 1.8 million acres from 2010.

Alberta farmers expected to produce a record 4.8 million tonnes of canola, up 6.1% from 2010. Farmers predicted a record area to be harvested of 6.0 million acres, up 10.2% from 2010.

However, in Manitoba, farmers anticipated canola production would fall 21.7% to 1.7 million tonnes in 2011, the result of decreases in both expected yield and area to be harvested.

Production gains expected for barley, oats

Barley production in the Prairies is anticipated to rise 11.1% in 2011 to 7.7 million tonnes. Yields are expected to increase 7.3% to 63.6 bushels per acre. Farmers anticipated harvesting 5.6 million acres, up by 200,000 acres from 2010.

Anticipated increases in production of barley in Saskatchewan and Alberta would offset a decline in Manitoba resulting from a decrease in area to be harvested.

Prairie oats production is expected to rise 31.9% in 2011 to 2.5 million tonnes. Farmers anticipated yields will increase by 4.1 bushels per acre from 2010 to an average of 77.4 bushels per acre.

Saskatchewan farmers are accounting for all the increase as their counterparts in Alberta and Manitoba expected lower volumes of oats in 2011.

Ontario, Quebec farmers expect declines in corn for grain and soybeans

In Quebec, total corn for grain production is anticipated to be 2.9 million tonnes, down 13.8% or 470,000 tonnes from 3.4 million tonnes in 2010. This drop would be the result of an expected decline in yield of 19.3 bushels per acre from 2010.

In Ontario, production estimates for corn for grain are expected to decrease 14.8% to 6.6 million tonnes, the result of an anticipated decline in yield of 25.0 bushels per acre. The harvested area is expected to be virtually unchanged from 2010 at 1.9 million acres.

Soybean production in Canada is expected to decline 11.1% to just under 3.9 million tonnes. Quebec and Ontario account for roughly 90% of total soybean production in Canada.

Auxiliary data source

As an additional tool to assess the growing conditions of Canadian field crops during the crop year, readers are invited to visit the Crop Condition Assessment Program web application, where a vegetation index of the crop land can be monitored weekly.

Related products

Selected publications from Statistics Canada

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

Selected CANSIM tables from Statistics Canada

001-0004	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 areas, yield, production, average farm price and total farm value of selected major speciality field crops, in imperial units, annual
001-0020	Estimated areas, 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 1-1

July 31 estimates of the 2011 production of principal field crops — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Canada				
Winter wheat [1]	669.5	669.5	4400	2,961.9
Spring wheat	6,463.9	6,299.4	2800	17,365.2
Durum wheat	1,618.8	1,586.3	2400	3,748.9
All wheat	**8,752.2**	**8,555.2**	**2800**	**24,076.0**
Oats	1,227.8	993.3	2900	2,886.4
Barley	2,708.8	2,431.0	3400	8,274.4
Flaxseed [2]	281.3	271.2	1300	365.1
Canola	7,547.2	7,278.1	1800	13,192.5
Corn for grain	1,208.7	1,191.6	8400	9,983.3
Soybeans	1,517.6	1,513.5	2600	3,862.1
Summerfallow	5,055.0	…	…	…
Prince Edward Island				
Winter wheat [1]	2.0	2.0	3300	6.5
Spring wheat	7.7	7.7	3000	22.8
All wheat	**9.7**	**9.7**	**3000**	**29.3**
Oats	4.2	4.2	2500	10.4
Barley	20.6	20.6	3200	65.5
Mixed grains	2.8	2.8	2800	7.9
Soybeans	22.3	22.3	2100	47.9
Nova Scotia				
Winter wheat [1]	2.0	2.0	4100	8.2
Spring wheat	0.4	0.4	3300	1.3
All wheat	**2.4**	**2.4**	**4000**	**9.5**
Oats	1.8	1.8	2300	4.2
Barley	2.4	2.4	3200	7.7
Corn for grain	5.9	5.9	6900	40.5
Soybeans	3.0	3.0	2900	8.6
New Brunswick				
Winter wheat [1]	0.2	0.2	4000	0.8
Spring wheat	1.8	1.8	3600	6.5
All wheat	**2.0**	**2.0**	**3700**	**7.3**
Oats	8.9	8.9	2200	20.0
Barley	9.9	9.9	2600	25.6
Corn for grain	4.2	4.2	6000	25.1
Soybeans	4.5	4.5	2100	9.6
Quebec				
Winter wheat [1]	3.7	3.7	3400	12.5
Spring wheat	40.0	40.0	3000	120.0
All wheat	**43.7**	**43.7**	**3000**	**132.5**
Oats	96.0	91.0	2600	240.0
Barley	82.0	80.0	3200	257.0
Mixed grains	14.0	13.3	2700	35.5
Canola	16.0	16.0	2200	35.0
Corn for grain	367.0	364.0	8100	2,940.0
Soybeans	300.0	300.0	2700	805.0

See notes at the end of the table.

Table 1-1 – continued

July 31 estimates of the 2011 production of principal field crops — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Ontario				
Winter wheat [1]	433.0	433.0	5000	2,155.5
Spring wheat	34.4	33.6	3500	118.4
All wheat	**467.4**	**466.6**	**4900**	**2,273.9**
Oats	24.3	21.4	2700	58.6
Barley	44.5	42.5	3200	135.0
Mixed grains	36.4	32.4	3000	96.2
Canola	32.4	32.4	2200	71.4
Corn for grain	768.9	756.8	8700	6,604.3
Soybeans	981.4	979.3	2600	2,585.5
Dry white beans	16.2	16.2	2100	33.3
Coloured dry beans	20.1	20.1	2300	45.4
Manitoba				
Winter wheat [1]	74.9	74.9	3900	291.2
Spring wheat	841.7	799.3	2500	1,981.4
All wheat	**916.6**	**874.2**	**2600**	**2,272.6**
Oats	194.2	165.9	2900	481.2
Barley	129.5	103.2	3100	324.4
Fall rye [1]	20.2	20.2	2800	57.2
Flaxseed [2]	34.4	32.4	1200	38.1
Canola	1,125.0	1,062.3	1600	1,735.0
Corn for grain	62.7	60.7	6200	373.4
Soybeans	206.4	204.4	2000	405.5
Sunflower seed	10.1	10.1	1600	16.4
Summerfallow	1,093.0	…	…	…
Saskatchewan				
Winter wheat [1]	89.0	89.0	3100	272.2
Spring wheat	2,994.6	2,940.0	2500	7,337.3
Durum wheat	1,406.3	1,375.9	2300	3,169.2
All wheat	**4,489.9**	**4,404.9**	**2400**	**10,778.7**
Oats	546.3	465.4	2900	1,372.6
Barley	910.5	837.7	3100	2,580.0
Fall rye [1]	46.5	40.5	2300	91.4
Flaxseed [2]	222.6	214.5	1300	279.4
Canola	3,844.5	3,723.1	1800	6,520.4
Dry peas	629.3	613.1	2300	1,385.3
Lentils	1,032.0	983.4	1600	1,526.3
Mustard seed	82.9	78.9	1100	88.3
Canary seed	76.9	76.9	1300	101.7
Chick peas	30.3	29.5	1800	53.9
Summerfallow	3,440.0	…	…	…
Alberta				
Winter wheat [1]	64.7	64.7	3300	215.0
Spring wheat	2,515.0	2,448.3	3100	7,688.4
Durum wheat	212.5	210.4	2800	579.7
All wheat	**2,792.2**	**2,723.4**	**3100**	**8,483.1**
Oats	317.7	214.5	3000	641.6
Barley	1,489.2	1,319.3	3700	4,824.8
Fall rye [1]	12.1	12.1	2700	32.5
Mixed grains	48.6	8.1	3800	31.0
Flaxseed [2]	24.3	24.3	2000	47.6
Canola	2,488.8	2,407.9	2000	4,762.7
Dry peas	287.3	273.2	2700	743.0
Lentils	40.4	38.4	1900	73.9
Mustard seed	28.3	28.3	1100	29.9
Summerfallow	506.0	…	…	…

See notes at the end of the table.

Table 1-1 – continued

July 31 estimates of the 2011 production of principal field crops — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
British Columbia				
Spring wheat	28.3	28.3	3100	89.1
Oats	34.4	20.2	2900	57.8
Barley	20.2	15.4	3500	54.4
Canola	40.5	36.4	1900	68.0
Summerfallow	16.0	…	…	…
Western Canada [3]				
Winter wheat [1]	228.6	228.6	3400	778.4
Spring wheat	6,379.6	6,215.9	2800	17,096.2
Durum wheat	1,618.8	1,586.3	2400	3,748.9
All wheat	**8,227.0**	**8,030.8**	**2700**	**21,623.5**
Oats	1,092.6	866.0	2900	2,553.2
Barley	2,549.4	2,275.6	3400	7,783.6
Fall rye [1]	78.8	72.8	2500	181.1
Flaxseed [2]	281.3	271.2	1300	365.1
Canola	7,498.8	7,229.7	1800	13,086.1
Summerfallow	5,055.0	…	…	…

1. The area remaining in June after winterkill.
2. Excludes solin.
3. Western Canada includes Manitoba, Saskatchewan, Alberta and British Columbia.

Table 1-2

July 31 estimates of the 2011 production of principal field crops — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		bushels per acre	thousands of bushels
Canada				
Winter wheat [1]	1,654.6	1,654.6	65.8	108,830
Spring wheat	15,973.3	15,566.3	41.0	638,056
Durum wheat	4,000.0	3,920.0	35.1	137,750
All wheat	**21,628.0**	**21,141.0**	**41.8**	**884,637**
Oats	3,034.2	2,454.9	76.2	187,152
Barley	6,694.1	6,007.2	63.3	380,043
Flaxseed [2]	695.0	670.0	21.5	14,375
Canola	18,649.5	17,984.5	32.3	581,693
Corn for grain	2,986.9	2,944.5	133.5	393,025
Soybeans	3,749.8	3,739.8	37.9	141,906
Summerfallow	12,490.0	...	...	...
Prince Edward Island				
Winter wheat [1]	5.0	5.0	48.0	240
Spring wheat	19.0	19.0	44.0	836
All wheat	**24.0**	**24.0**	**44.8**	**1,076**
Oats	10.5	10.5	64.0	672
Barley	51.0	51.0	59.0	3,009
Mixed grains	7.0	7.0	62.0	434
Soybeans	55.0	55.0	32.0	1,760
Nova Scotia				
Winter wheat [1]	5.0	5.0	60.0	300
Spring wheat	1.0	1.0	47.0	47
All wheat	**6.0**	**6.0**	**57.8**	**347**
Oats	4.5	4.5	60.0	270
Barley	6.0	6.0	59.0	354
Corn for grain	14.5	14.5	110.0	1,595
Soybeans	7.5	7.5	42.0	315
New Brunswick				
Winter wheat [1]	0.5	0.5	62.0	31
Spring wheat	4.5	4.5	53.0	239
All wheat	**5.0**	**5.0**	**53.9**	**270**
Oats	22.0	22.0	59.0	1,298
Barley	24.5	24.5	48.0	1,176
Corn for grain	10.5	10.5	94.0	987
Soybeans	11.0	11.0	32.0	352
Quebec				
Winter wheat [1]	9.1	9.1	50.2	459
Spring wheat	98.8	98.8	44.6	4,409
All wheat	**108.0**	**108.0**	**45.1**	**4,869**
Oats	237.2	224.9	69.2	15,562
Barley	202.6	197.7	59.7	11,804
Mixed grains	34.6	32.9	52.9	1,739
Canola	39.5	39.5	39.0	1,543
Corn for grain	906.9	899.5	128.7	115,743
Soybeans	741.3	741.3	39.9	29,579

See notes at the end of the table.

Table 1-2 – continued

July 31 estimates of the 2011 production of principal field crops — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
Ontario				
Winter wheat [1]	1,070.0	1,070.0	74.0	79,200
Spring wheat	85.0	83.0	52.4	4,350
All wheat	**1,155.0**	**1,153.0**	**72.5**	**83,550**
Oats	60.0	53.0	71.7	3,800
Barley	110.0	105.0	59.0	6,200
Mixed grains	90.0	80.0	66.3	5,300
Canola	80.0	80.0	39.4	3,150
Corn for grain	1,900.0	1,870.0	139.0	260,000
Soybeans	2,425.0	2,420.0	39.3	95,000
	thousands of acres		hundredweights per acre	thousands of hundredweights
Dry white beans	40.0	40.0	18.4	735
Coloured dry beans	50.0	50.0	20.0	1,000
Manitoba				
	thousands of acres		bushels per acre	thousands of bushels
Winter wheat [1]	185.0	185.0	57.8	10,700
Spring wheat	2,080.0	1,975.0	36.9	72,800
All wheat	**2,265.0**	**2,160.0**	**38.7**	**83,500**
Oats	480.0	410.0	76.1	31,200
Barley	320.0	255.0	58.4	14,900
Fall rye [1]	50.0	50.0	45.0	2,250
Flaxseed [2]	85.0	80.0	18.8	1,500
Canola	2,780.0	2,625.0	29.1	76,500
Corn for grain	155.0	150.0	98.0	14,700
Soybeans	510.0	505.0	29.5	14,900
	thousands of acres		pounds per acre	thousands of pounds
Sunflower seed	25.0	25.0	1444	36,100
Summerfallow	2,700.0	…	…	…
Saskatchewan				
	thousands of acres		bushels per acre	thousands of bushels
Winter wheat [1]	220.0	220.0	45.5	10,000
Spring wheat	7,400.0	7,265.0	37.1	269,600
Durum wheat	3,475.0	3,400.0	34.3	116,450
All wheat	**11,095.0**	**10,885.0**	**36.4**	**396,050**
Oats	1,350.0	1,150.0	77.4	89,000
Barley	2,250.0	2,070.0	57.2	118,500
Fall rye [1]	115.0	100.0	36.0	3,600
Flaxseed [2]	550.0	530.0	20.8	11,000
Canola	9,500.0	9,200.0	31.3	287,500
Dry peas	1,555.0	1,515.0	33.6	50,900
	thousands of acres		pounds per acre	thousands of pounds
Lentils	2,550.0	2,430.0	1385	3,365,100
Mustard seed	205.0	195.0	998	194,600
Canary seed	190.0	190.0	1180	224,150
Chick peas	75.0	73.0	1627	118,800
Summerfallow	8,500.0	…	…	…

See notes at the end of the table.

Table 1-2 – continued

July 31 estimates of the 2011 production of principal field crops — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		bushels per acre	thousands of bushels
Alberta				
Winter wheat [1]	160.0	160.0	49.4	7,900
Spring wheat	6,215.0	6,050.0	46.7	282,500
Durum wheat	525.0	520.0	41.0	21,300
All wheat	**6,900.0**	**6,730.0**	**46.3**	**311,700**
Oats	785.0	530.0	78.5	41,600
Barley	3,680.0	3,260.0	68.0	221,600
Fall rye [1]	30.0	30.0	42.7	1,280
Mixed grains	120.0	20.0	76.0	1,520
Flaxseed [2]	60.0	60.0	31.3	1,875
Canola	6,150.0	5,950.0	35.3	210,000
Dry peas	710.0	675.0	40.4	27,300
	thousands of acres		pounds per acre	thousands of pounds
Lentils	100.0	95.0	1716	163,000
Mustard seed	70.0	70.0	941	65,900
Summerfallow	1,250.0	…	…	…
British Columbia				
	thousands of acres		bushels per acre	thousands of bushels
Spring wheat	70.0	70.0	46.8	3,275
Oats	85.0	50.0	75.0	3,750
Barley	50.0	38.0	65.8	2,500
Canola	100.0	90.0	33.3	3,000
Summerfallow	40.0	…	…	…
Western Canada [3]				
Winter wheat [1]	565.0	565.0	50.6	28,600
Spring wheat	15,765.0	15,360.0	40.9	628,175
Durum wheat	4,000.0	3,920.0	35.1	137,750
All wheat	**20,330.0**	**19,845.0**	**40.0**	**794,525**
Oats	2,700.0	2,140.0	77.4	165,550
Barley	6,300.0	5,623.0	63.6	357,500
Fall rye [1]	195.0	180.0	39.6	7,130
Flaxseed [2]	695.0	670.0	21.5	14,375
Canola	18,530.0	17,865.0	32.3	577,000
Summerfallow	12,490.0	…	…	…

1. The area remaining in June after winterkill.
2. Excludes solin.
3. Western Canada includes Manitoba, Saskatchewan, Alberta and British Columbia.

Table 2-1

Estimates of the 2010 production of principal field crops — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Canada				
Winter wheat [1]	582.4	576.3	4600	2,657.2
Spring wheat	6,667.0	6,448.0	2700	17,484.9
Durum wheat	1,274.8	1,244.4	2400	3,024.7
All wheat	**8,524.2**	**8,268.7**	**2800**	**23,166.8**
Oats	1,178.9	841.4	2700	2,297.6
Barley	2,796.6	2,387.2	3200	7,605.3
Flaxseed [2]	374.3	353.3	1200	423.0
Canola	6,806.1	6,514.4	1800	11,866.2
Corn for grain	1,214.3	1,202.9	9700	11,714.5
Soybeans	1,483.0	1,476.8	2900	4,345.3
Summerfallow	4,698.0	...	...	...
Prince Edward Island				
Winter wheat [1]	1.6	1.6	3100	4.9
Spring wheat	10.9	10.5	2600	27.6
All wheat	**12.5**	**12.1**	**2700**	**32.5**
Oats	4.7	4.7	2600	12.2
Barley	20.2	20.2	3000	61.0
Mixed grains	2.6	2.6	2700	7.0
Soybeans	17.8	17.8	2300	40.7
Nova Scotia				
Winter wheat [1]	2.0	2.0	3300	6.5
Spring wheat	0.4	0.4	3300	1.3
All wheat	**2.4**	**2.4**	**3300**	**7.8**
Oats	2.2	1.8	2300	4.2
Barley	2.6	2.6	3200	8.4
Corn for grain	5.3	5.1	7800	40.0
Soybeans	2.0	2.0	3000	6.0
New Brunswick				
Winter wheat [1]	0.2	0.2	3500	0.7
Spring wheat	1.1	1.0	3300	3.3
All wheat	**1.3**	**1.2**	**3300**	**4.0**
Oats	9.7	9.7	2700	26.3
Barley	11.3	11.1	3100	34.7
Corn for grain	5.3	5.3	7000	37.0
Soybeans	3.4	3.4	2400	8.1
Quebec				
Winter wheat [1]	4.0	4.0	3300	13.0
Spring wheat	48.5	48.0	3000	144.0
All wheat	**52.5**	**52.0**	**3000**	**157.0**
Oats	110.0	102.0	2500	255.0
Barley	87.5	85.5	3000	260.0
Mixed grains	22.0	20.5	2700	55.0
Canola	11.5	11.5	2000	23.0
Corn for grain	370.0	367.0	9300	3,410.0
Soybeans	262.0	261.0	3100	807.0

See notes at the end of the table.

Table 2-1 – continued

Estimates of the 2010 production of principal field crops — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Ontario				
Winter wheat [1]	329.8	329.8	5300	1,763.6
Spring wheat	46.5	45.3	3500	160.6
All wheat	**376.3**	**375.1**	**5100**	**1,924.2**
Oats	34.4	28.3	2700	75.6
Barley	76.9	72.8	3500	256.9
Mixed grains	48.6	42.5	3100	133.4
Canola	28.3	28.3	2400	66.7
Corn for grain	758.8	752.7	10300	7,747.4
Soybeans	987.4	986.2	3100	3,048.1
Dry white beans	34.4	34.4	2400	82.6
Coloured dry beans	22.2	20.2	2300	46.7
Manitoba				
Winter wheat [1]	97.1	95.1	4000	385.1
Spring wheat	1,133.0	1,084.5	2700	2,876.1
All wheat	**1,230.1**	**1,179.6**	**2800**	**3,261.2**
Oats	226.6	190.2	2900	542.9
Barley	194.2	163.9	3000	487.7
Fall rye [1]	18.2	16.2	2600	42.4
Flaxseed [2]	70.8	66.8	1200	81.3
Canola	1,363.8	1,258.6	1800	2,215.8
Corn for grain	74.9	72.8	6600	480.1
Soybeans	210.4	206.4	2100	435.4
Sunflower seed	54.6	51.4	1300	67.6
Summerfallow	287.0	…	…	…
Saskatchewan				
Winter wheat [1]	76.9	72.8	3000	219.4
Spring wheat	2,974.3	2,853.0	2400	6,744.0
Durum wheat	1,129.1	1,102.8	2400	2,602.9
All wheat	**4,180.3**	**4,028.6**	**2400**	**9,566.3**
Oats	376.4	273.2	2600	701.7
Barley	864.0	750.7	2600	1,937.7
Fall rye [1]	42.5	40.5	2200	87.6
Flaxseed [2]	287.3	271.1	1100	311.2
Canola	3,156.5	2,994.7	1700	5,034.9
Dry peas	995.6	930.7	2000	1,862.2
Lentils	1,351.7	1,280.9	1400	1,840.3
Mustard seed	149.7	141.6	1000	134.3
Canary seed	119.4	112.1	900	101.9
Chick peas	82.9	76.9	1700	128.3
Summerfallow	3,723.0	…	…	…
Alberta				
Winter wheat [1]	70.8	70.8	3700	264.0
Spring wheat	2,428.1	2,381.5	3100	7,484.3
Durum wheat	145.7	141.6	3000	421.8
All wheat	**2,644.6**	**2,593.9**	**3100**	**8,170.1**
Oats	384.5	214.5	3000	647.7
Barley	1,517.6	1,264.6	3600	4,528.7
Fall rye [1]	18.2	18.2	2800	50.8
Mixed grains	72.8	8.1	3000	24.5
Flaxseed [2]	16.2	15.4	2000	30.5
Canola	2,209.6	2,185.3	2100	4,490.6
Dry peas	368.2	362.2	2600	937.6
Lentils	56.6	54.6	2000	106.8
Mustard seed	44.5	44.5	1200	52.5
Summerfallow	668.0	…	…	…

See notes at the end of the table.

Table 2-1 – continued

Estimates of the 2010 production of principal field crops — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
British Columbia				
Spring wheat	24.2	23.8	1800	43.7
Oats	30.4	17.0	1900	32.0
Barley	22.3	15.8	1900	30.2
Canola	36.4	36.0	1000	35.2
Summerfallow	20.0	…	…	…
Western Canada [3]				
Winter wheat [1]	244.8	238.7	3600	868.5
Spring wheat	6,559.6	6,342.8	2700	17,148.1
Durum wheat	1,274.8	1,244.4	2400	3,024.7
All wheat	**8,079.2**	**7,825.9**	**2700**	**21,041.3**
Oats	1,017.9	694.9	2800	1,924.3
Barley	2,598.1	2,195.0	3200	6,984.3
Fall rye [1]	78.9	74.9	2400	180.8
Flaxseed [2]	374.3	353.3	1200	423.0
Canola	6,766.3	6,474.6	1800	11,776.5
Summerfallow	4,698.0	…	…	…

1. The area remaining in June after winterkill.
2. Excludes solin.
3. Western Canada includes Manitoba, Saskatchewan, Alberta and British Columbia.

Table 2-2

Estimates of the 2010 production of principal field crops — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of acres		bushels per acre	thousands of bushels
Canada				
Winter wheat [1]	1,439.4	1,424.4	68.5	97,632
Spring wheat	16,475.4	15,934.1	40.3	642,460
Durum wheat	3,150.0	3,075.0	36.1	111,140
All wheat	**21,064.8**	**20,433.5**	**41.7**	**851,232**
Oats	2,912.8	2,079.0	71.7	148,978
Barley	6,910.7	5,899.3	59.2	349,306
Flaxseed [2]	925.0	873.0	19.1	16,650
Canola	16,818.4	16,097.4	32.5	523,204
Corn for grain	3,000.3	2,972.4	155.2	461,177
Soybeans	3,664.9	3,649.4	43.8	159,666
Summerfallow	11,610.0	...	...	...
Prince Edward Island				
Winter wheat [1]	4.0	4.0	45.0	180
Spring wheat	27.0	26.0	39.0	1,014
All wheat	**31.0**	**30.0**	**39.8**	**1,194**
Oats	11.5	11.5	69.0	794
Barley	50.0	50.0	56.0	2,800
Mixed grains	6.5	6.5	59.0	384
Soybeans	44.0	44.0	34.0	1,496
Nova Scotia				
Winter wheat [1]	5.0	5.0	48.0	240
Spring wheat	1.0	1.0	47.0	47
All wheat	**6.0**	**6.0**	**47.8**	**287**
Oats	5.5	4.5	60.0	270
Barley	6.5	6.5	59.0	384
Corn for grain	13.0	12.5	126.0	1,575
Soybeans	5.0	5.0	44.0	220
New Brunswick				
Winter wheat [1]	0.5	0.5	48.0	24
Spring wheat	2.6	2.5	49.0	123
All wheat	**3.1**	**3.0**	**48.8**	**147**
Oats	24.0	24.0	71.0	1,704
Barley	28.0	27.5	58.0	1,595
Corn for grain	13.0	13.0	112.0	1,456
Soybeans	8.5	8.5	35.0	298
Quebec				
Winter wheat [1]	9.9	9.9	48.3	478
Spring wheat	119.8	118.6	44.6	5,291
All wheat	**129.7**	**128.5**	**44.9**	**5,769**
Oats	271.8	252.0	65.6	16,535
Barley	216.2	211.3	56.5	11,942
Mixed grains	54.4	50.7	53.2	2,695
Canola	28.4	28.4	35.7	1,014
Corn for grain	914.3	906.9	148.0	134,246
Soybeans	647.4	644.9	46.0	29,652

See notes at the end of the table.

Table 2-2 – continued

Estimates of the 2010 production of principal field crops — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
Ontario				
Winter wheat [1]	815.0	815.0	79.5	64,800
Spring wheat	115.0	112.0	52.7	5,900
All wheat	**930.0**	**927.0**	**76.3**	**70,700**
Oats	85.0	70.0	70.0	4,900
Barley	190.0	180.0	65.6	11,800
Mixed grains	120.0	105.0	70.0	7,350
Canola	70.0	70.0	42.0	2,940
Corn for grain	1,875.0	1,860.0	164.0	305,000
Soybeans	2,440.0	2,437.0	46.0	112,000
	thousands of acres		hundredweights per acre	thousands of hundredweights
Dry white beans	85.0	85.0	21.4	1,820
Coloured dry beans	55.0	50.0	20.6	1,030
Manitoba				
	thousands of acres		bushels per acre	thousands of bushels
Winter wheat [1]	240.0	235.0	60.2	14,150
Spring wheat	2,800.0	2,680.0	39.4	105,680
All wheat	**3,040.0**	**2,915.0**	**41.1**	**119,830**
Oats	560.0	470.0	74.9	35,200
Barley	480.0	405.0	55.3	22,400
Fall rye [1]	45.0	40.0	41.8	1,670
Flaxseed [2]	175.0	165.0	19.4	3,200
Canola	3,370.0	3,110.0	31.4	97,700
Corn for grain	185.0	180.0	105.0	18,900
Soybeans	520.0	510.0	31.4	16,000
	thousands of acres		pounds per acre	thousands of pounds
Sunflower seed	135.0	127.0	1173	149,000
Summerfallow	710.0	…	…	…
Saskatchewan				
	thousands of acres		bushels per acre	thousands of bushels
Winter wheat [1]	190.0	180.0	44.8	8,060
Spring wheat	7,350.0	7,050.0	35.1	247,800
Durum wheat	2,790.0	2,725.0	35.1	95,640
All wheat	**10,330.0**	**9,955.0**	**35.3**	**351,500**
Oats	930.0	675.0	67.4	45,500
Barley	2,135.0	1,855.0	48.0	89,000
Fall rye [1]	105.0	100.0	34.5	3,450
Flaxseed [2]	710.0	670.0	18.3	12,250
Canola	7,800.0	7,400.0	30.0	222,000
Dry peas	2,460.0	2,300.0	29.8	68,425
	thousands of acres		pounds per acre	thousands of pounds
Lentils	3,340.0	3,165.0	1282	4,057,000
Mustard seed	370.0	350.0	846	296,200
Canary seed	295.0	277.0	811	224,600
Chick peas	205.0	190.0	1489	282,860
Summerfallow	9,200.0	…	…	…

See notes at the end of the table.

Table 2-2 – continued

Estimates of the 2010 production of principal field crops — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
Alberta				
	thousands of acres		bushels per acre	thousands of bushels
Winter wheat [1]	175.0	175.0	55.4	9,700
Spring wheat	6,000.0	5,885.0	46.7	275,000
Durum wheat	360.0	350.0	44.3	15,500
All wheat	**6,535.0**	**6,410.0**	**46.8**	**300,200**
Oats	950.0	530.0	79.2	42,000
Barley	3,750.0	3,125.0	66.6	208,000
Fall rye [1]	45.0	45.0	44.4	2,000
Mixed grains	180.0	20.0	60.0	1,200
Flaxseed [2]	40.0	38.0	31.6	1,200
Canola	5,460.0	5,400.0	36.7	198,000
Dry peas	910.0	895.0	38.5	34,450
	thousands of acres		pounds per acre	thousands of pounds
Lentils	140.0	135.0	1744	235,400
Mustard seed	110.0	110.0	1052	115,700
Summerfallow	1,650.0	…	…	…
British Columbia				
	thousands of acres		bushels per acre	thousands of bushels
Spring wheat	60.0	59.0	27.2	1,605
Oats	75.0	42.0	49.4	2,075
Barley	55.0	39.0	35.5	1,385
Canola	90.0	89.0	17.4	1,550
Summerfallow	50.0	…	…	…
Western Canada [3]				
Winter wheat [1]	605.0	590.0	54.1	31,910
Spring wheat	16,210.0	15,674.0	40.2	630,085
Durum wheat	3,150.0	3,075.0	36.1	111,140
All wheat	**19,965.0**	**19,339.0**	**40.0**	**773,135**
Oats	2,515.0	1,717.0	72.7	124,775
Barley	6,420.0	5,424.0	59.1	320,785
Fall rye [1]	195.0	185.0	38.5	7,120
Flaxseed [2]	925.0	873.0	19.1	16,650
Canola	16,720.0	15,999.0	32.5	519,250
Summerfallow	11,610.0	…	…	…

1. The area remaining in June after winterkill.
2. Excludes solin.
3. Western Canada includes Manitoba, Saskatchewan, Alberta and British Columbia.

Concepts and definitions

Crop categories

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

Oilseeds: canola, flaxseed, soybeans and sunflower seed.

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

Methodology and data quality

Survey frame and sample selection

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

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

Probability surveys can use two types of sampling frames: list and area. In the July Farm Survey, only the list frame is used in sample selection. This list frame is stratified into homogenous groups on the basis of Census characteristics (such as farm size and crop area) and sub-provincial geographic boundaries. A sample of approximately 15,200 farms has been drawn from the list frame for the July 2011 Farm Survey.

Data collection

The July 2011 farm Survey was carried out from July 25 to August 2. Data collection is undertaken using “Computer assisted telephone interview” (CATI) system.

Edit and imputation

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

Response rate

Usually by the end of the collection period, 80% of the questionnaires have been fully completed. The refusal rate to the survey is approximately 8 to 9%. The remainder of the sample unaccounted for can be explained by non-contact and non-response. Initial sample weights are adjusted by a process called “raising factor adjustment” in cases of total or 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 from the entire population. These errors depend on factors such as sample size, sampling design and the method of estimation. An important feature of probability sampling is that sampling errors can be measured from the sample itself.

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

Estimation

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

Revisions

The 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. Final production will be surveyed after the harvest in November.

Data quality

The July 31 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 would have been obtained from an enumeration of all farming operations would be less than twice the c.v.. This range of values is referred to as the "confidence interval". While published estimates may not exactly equal the level indicators due to the validation, these estimates do remain within the confidence interval of the survey level indicators. For the July Farm Survey, c.v.'s range from 3% to 10% for the major crops. Coefficients of variation for specialty crops and small areas are usually within 11% to 25%.

Data confidentiality

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

Field crop reporting series calendar

Catalogue 22-002-X

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

Report No. and Title	2011 Release Dates
1 Stocks of principal field crops at December 31, 2010	February 4
2 March intentions of principal field crop areas	April 26
3 Stocks of principal field crops at March 31, 2011	May 6
4 Preliminary estimates of principal field crop areas	June 23
5 July 31 estimates of production of principal field crops	August 24
6 Stocks of principal field crops at July 31, 2011	September 7
7 September estimates of production of principal field crops	October 4
8 November estimates of production of principal field crops	December 6

Cereals and oilseeds review

Catalogue 22-007-X

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

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

Release dates - 2011

January

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

March

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

July

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
30						

August

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Field crop reporting series

Cereals and oilseeds review