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Field Crop Reporting Series



July 2012 Estimates of Production
of Principal Field Crops



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Statistics Canada
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Field Crop Reporting Series

July 2012 Estimates of Production of Principal Field Crops

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

Table of contents

Highlights	4
Analysis	5
July 2012 estimates of production of principal field crops	5
Canola	5
Total wheat	5
Barley	6
Soybeans	6
Corn for grain	6
Related products	7
Statistical tables	
1 July estimates of the 2012 production of principal field crops	10
1-1 Metric	10
1-2 Imperial	12
2 Estimates of the 2011 production of principal field crops	15
2-1 Metric	15
2-2 Imperial	17
Data quality, concepts and methodology	
Concepts and definitions	20
Methodology and data quality	21
Field crop reporting series calendar	23

Highlights

July 2012 estimates of production of principal field crops

- Prairie farmers anticipate record canola production in 2012, as well as increases in wheat and barley. At the national level, production is set to increase for corn for grain and soybeans.

Analysis

July 2012 estimates of production of principal field crops

Prairie farmers anticipate record canola production in 2012, as well as increases in wheat and barley. At the national level, production is set to increase for corn for grain and soybeans.

Overall, weather conditions in the West this year have been closer to normal, following two years of excess moisture conditions in parts of Manitoba and Saskatchewan.

Canola

Prairie farmers anticipate a record 15.2 million tonnes of canola in 2012, surpassing the record of 14.0 million tonnes set last year.

Farmers in all three Prairie provinces anticipate an increase in canola production, with the potential for records in Saskatchewan and Alberta.

In Saskatchewan, 7.3 million tonnes are expected to be produced in 2012, up 4.5% from the 2011 record of 7.0 million tonnes of canola. In Alberta, farmers anticipate a record 5.4 million tonnes, a 1.4% increase over the previous record of 5.3 million tonnes set in 2011.

In Manitoba, farmers reported they expect to produce 2.5 million tonnes of canola in 2012, up 49.7% from 2011. The yield in Manitoba is expected to increase 12.9% from 27.8 bushels per acre in 2011 to 31.4 bushels per acre in 2012. Manitoba farmers anticipate a harvested area of 3.5 million acres in 2012, exceeding the record of 3.2 million acres in 2009.

Total wheat

Total wheat production on the Prairies is expected to reach 24.8 million tonnes in 2012, up 9.7% from 22.6 million tonnes in 2011.

This increase is anticipated despite a decline in average yield from 42.1 bushels per acre in 2011 to 41.5 bushels per acre in 2012. The decline in yield would be offset by an 11.4% increase in harvested area to slightly under 22.0 million acres.

In Manitoba, wheat production is expected to increase by 1.5 million tonnes (+69.9%) to 3.7 million tonnes, the result of an improvement in growing conditions from 2011.

In Saskatchewan, farmers anticipate an 8.4% increase in production, while in Alberta, wheat production is set to decline by 3.5%.

Barley

Barley production on the Prairies is anticipated to rise 23.8% to 9.0 million tonnes in 2012. This is the result of farmers expecting a record average yield of 65.1 bushels per acre, breaking the previous record of 63.3 bushels per acre set in 2008, combined with an increased area to be harvested of 6.3 million acres, up 16.9% from 5.4 million acres in 2011.

Alberta farmers expect a record barley yield of 70.6 bushels per acre, up from the previous record of 67.0 bushels per acre set in 2011. Production in 2012 is estimated at 5.3 million tonnes, up 17.2% from 4.6 million tonnes in 2011.

In Saskatchewan, barley production is set to rise 21.9% to 3.0 million tonnes.

Soybeans

Nationally, total soybean production in 2012 is anticipated to increase 3.7% to just over 4.4 million tonnes.

In Manitoba, farmers anticipate a record soybean production of 710,300 tonnes in 2012, up 71.7% from 2011. The previous record of 435,400 tonnes was set in 2010. They are expecting an average yield of 30.7 bushels per acre, up from 26.7 bushels per acre in 2011.

In the East, farmers in Quebec reported that they expect a record production of 813,000 tonnes in 2012, up from 800,000 tonnes in 2011 and surpassing the previous record of 807,000 tonnes set in 2010. The new record would occur despite an anticipated 3.3% decline in harvested area in 2012.

In Ontario, the harvested area is expected to increase to a record 2.6 million acres from 2.4 million acres in 2011. However, this would be offset by a decrease in average yield from 44.9 bushels per acre in 2011 to 39.4 this year, therefore resulting in a 4.6% decline in soybean production as compared to 2011, to 2.8 million tonnes.

Corn for grain

Nationally, the production of corn for grain is anticipated to reach just over 11.7 million tonnes, up 9.5% from 2011.

In Quebec, farmers anticipate an 18.6% increase in production to 3.5 million tonnes. This reflects a 4.8% increase in yield from 132.1 bushels per acre in 2011 to 138.4 bushels per acre in 2012, and an increase in harvested area from 873,500 acres to 988,400 acres.

Ontario farmers anticipate a 3.2% increase in production of corn for grain to 7.5 million tonnes in 2012. Yield is expected to decline 9.8% to 136.7 bushels per acre from 151.6 bushels per acre in 2011, but harvested area is expected to increase 14.4% to 2.2 million acres.

In Manitoba, the production of corn for grain is set to increase from 414,000 tonnes in 2011 to 688,400 tonnes in 2012. Manitoba farmers anticipate harvesting 290,000 acres in 2012, exceeding the record of 225,000 acres set in 1981.

Auxiliary data source

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

Related products

Selected publications from Statistics Canada

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

Selected CANSIM tables from Statistics Canada

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

Selected surveys from Statistics Canada

3401 Field Crop Reporting Series

Selected summary tables from Statistics Canada

- *Field and specialty crops*

Statistical tables

Table 1-1
July estimates of the 2012 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	836.5	836.5	4400	3,681.7
Spring wheat	6,863.5	6,699.8	2800	19,058.4
Durum wheat	1,881.8	1,817.1	2400	4,272.8
All wheat	9,581.8	9,353.4	2900	27,012.9
Oats	1,205.6	991.4	3000	2,994.1
Barley	2,990.7	2,731.8	3500	9,507.6
Fall rye 1	123.3	122.1	2600	312.3
Mixed grains	99.9	58.1	3000	171.4
Flaxseed 2	424.9	402.6	1400	546.6
Canola	8,635.0	8,379.9	1800	15,409.5
Corn for grain	1,440.0	1,399.7	8400	11,703.1
Soybeans	1,736.4	1,728.2	2500	4,405.3
Dry peas	1,301.0	1,245.2	2400	2,980.6
Summerfallow	1,864.0	...	...	...
Prince Edward Island				
Winter wheat 1	1.8	1.8	3100	5.5
Spring wheat	7.1	6.9	2800	19.4
All wheat	8.9	8.7	2900	24.9
Oats	4.0	4.0	2200	8.9
Barley	24.5	24.5	2600	64.6
Mixed grains	2.6	2.6	2100	5.5
Soybeans	21.0	20.2	1900	38.1
Nova Scotia				
Winter wheat 1	2.2	2.2	4100	9.0
Spring wheat	0.4	0.4	3500	1.4
All wheat	2.6	2.6	4000	10.4
Oats	1.4	1.4	2200	3.1
Barley	1.6	1.6	2600	4.1
Corn for grain	8.1	7.5	6500	48.4
Soybeans	3.2	3.0	2300	6.9
New Brunswick				
Winter wheat 1	0.4	0.4	4000	1.6
Spring wheat	1.8	1.8	3600	6.4
All wheat	2.2	2.2	3600	8.0
Oats	8.5	8.5	1900	15.9
Barley	8.1	8.1	2500	20.0
Corn for grain	5.1	4.7	5000	23.4
Soybeans	3.8	3.6	1800	6.6
Canola	3.8	3.6	1500	5.5
Quebec				
Winter wheat 1	4.5	4.5	3600	16.0
Spring wheat	41.5	40.5	3400	138.5
All wheat	46.0	45.0	3400	154.5
Oats	95.0	90.5	2500	225.0
Barley	65.0	65.0	3200	205.0
Mixed grains	18.0	17.0	2800	48.0
Canola	17.5	17.5	2100	37.5
Corn for grain	405.0	400.0	8700	3,475.0
Soybeans	292.0	289.0	2800	813.0
Ontario				
Winter wheat 1	327.8	327.8	5300	1,741.8
Spring wheat	38.4	37.6	3600	136.1
All wheat	366.2	365.4	5100	1,877.9
Oats	26.3	21.0	2600	55.5
Barley	50.6	48.6	3400	167.6
Fall rye 1	12.1	10.9	2200	24.1
Mixed grains	36.4	30.4	3100	93.4
Canola	26.3	26.3	1900	51.0
Corn for grain	900.4	870.1	8600	7,467.9
Soybeans	1,072.4	1,068.4	2600	2,830.4
Dry white beans	24.3	24.3	2200	54.4

See notes at the end of the table.

Table 1-1 – continued

July estimates of the 2012 production of principal field crops — Metric

	Area		Yield on harvested area	Production
	seeded	harvested		
	thousands of hectares		kilograms per hectare	thousands of tonnes
Manitoba				
Winter wheat ¹	224.6	224.6	4300	968.9
Spring wheat	965.1	953.0	2900	2,752.9
All wheat	1,189.7	1,177.6	3200	3,721.8
Oats	222.6	202.3	3200	655.4
Barley	208.4	194.2	3400	666.2
Fall rye ¹	38.4	38.4	2900	111.8
Flaxseed ²	64.7	60.7	1300	81.8
Canola	1,436.6	1,408.3	1800	2,478.9
Corn for grain	121.4	117.4	5900	688.4
Soybeans	344.0	344.0	2100	710.3
Dry peas	22.2	21.0	2400	50.4
Sunflower seed	44.5	43.3	1700	73.6
Summerfallow	51.0	...	...	...
Saskatchewan				
Winter wheat ¹	226.6	226.6	3400	762.0
Spring wheat	3,429.6	3,312.3	2500	8,170.2
Durum wheat	1,639.0	1,578.3	2300	3,565.2
All wheat	5,295.2	5,117.2	2400	12,497.4
Oats	560.5	471.5	3100	1,440.4
Barley	1,068.4	963.2	3100	2,971.9
Fall rye ¹	60.7	60.7	2300	142.2
Flaxseed ²	342.0	323.7	1300	424.2
Canola	4,492.0	4,289.7	1700	7,332.3
Dry peas	904.5	851.9	2200	1,861.6
Lentils	930.8	878.1	1500	1,303.6
Mustard seed	105.2	93.0	900	86.3
Canary seed	121.4	117.4	1300	146.4
Chick peas	60.7	54.6	1800	95.7
Summerfallow	1,376.0	...	...	...
Alberta				
Winter wheat ¹	48.6	48.6	3600	176.9
Spring wheat	2,347.2	2,314.9	3300	7,713.0
Durum wheat	242.8	238.8	3000	707.6
All wheat	2,638.6	2,602.3	3300	8,597.5
Oats	263.0	174.0	3100	542.9
Barley	1,537.8	1,404.3	3800	5,334.2
Fall rye ¹	12.1	12.1	2800	34.2
Mixed grains	40.5	8.1	3000	24.5
Flaxseed ²	18.2	18.2	2200	40.6
Canola	2,610.2	2,585.9	2100	5,406.8
Dry peas	374.3	372.3	2900	1,068.6
Mustard seed	42.5	42.5	1200	51.8
Summerfallow	425.0	...	...	...
British Columbia				
Spring wheat	32.4	32.4	3700	120.5
Oats	24.3	18.2	2600	47.0
Barley	26.3	22.3	3300	74.0
Canola	48.6	48.6	2000	97.5
Summerfallow	12.0	...	...	...
Western Canada ³				
Winter wheat ¹	499.8	499.8	3800	1,907.8
Spring wheat	6,774.3	6,612.6	2800	18,756.6
Durum wheat	1,881.8	1,817.1	2400	4,272.8
All wheat	9,155.9	8,929.5	2800	24,937.2
Oats	1,070.4	866.0	3100	2,685.7
Barley	2,840.9	2,584.0	3500	9,046.3
Fall rye ¹	111.2	111.2	2600	288.2
Flaxseed ²	424.9	402.6	1400	546.6
Canola	8,587.4	8,332.5	1800	15,315.5
Dry peas	1,301.0	1,245.2	2400	2,980.6
Summerfallow	1,864.0	...	...	...

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 estimates of the 2012 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	2,067.1	2,067.1	65.4	135,280
Spring wheat	16,960.5	16,555.6	42.3	700,262
Durum wheat	4,650.0	4,490.0	35.0	157,000
All wheat	23,677.7	23,112.7	42.9	992,542
Oats	2,979.3	2,450.1	79.2	194,149
Barley	7,390.1	6,750.1	64.7	436,689
Fall rye 1	305.0	302.0	40.7	12,295
Mixed grains	247.0	143.5	62.8	9,007
Flaxseed 2	1,050.0	995.0	21.6	21,520
Canola	21,337.7	20,707.2	32.8	679,446
Corn for grain	3,558.3	3,458.4	133.2	460,730
Soybeans	4,291.0	4,270.6	37.9	161,871
Dry peas	3,215.0	3,077.0	35.6	109,510
Summerfallow	4,605.0	...	...	...
Prince Edward Island				
Winter wheat 1	4.5	4.5	45.1	203
Spring wheat	17.5	17.0	42.0	714
All wheat	22.0	21.5	42.7	917
Oats	10.0	10.0	58.0	580
Barley	60.5	60.5	49.0	2,965
Mixed grains	6.5	6.5	46.9	305
Soybeans	52.0	50.0	28.0	1,400
Nova Scotia				
Winter wheat 1	5.5	5.5	60.0	330
Spring wheat	1.0	1.0	50.0	50
All wheat	6.5	6.5	58.5	380
Oats	3.5	3.5	57.1	200
Barley	4.0	4.0	47.0	188
Corn for grain	20.0	18.5	103.0	1,905
Soybeans	8.0	7.5	34.0	255
New Brunswick				
Winter wheat 1	1.0	1.0	59.0	59
Spring wheat	4.5	4.5	52.0	234
All wheat	5.5	5.5	53.3	293
Oats	21.0	21.0	49.0	1,030
Barley	20.0	20.0	46.0	920
Corn for grain	12.5	11.5	80.0	920
Soybeans	9.5	9.0	27.0	243
Canola	9.5	9.0	27.0	243
Quebec				
Winter wheat 1	11.1	11.1	52.9	588
Spring wheat	102.5	100.1	50.9	5,089
All wheat	113.7	111.2	51.1	5,677
Oats	234.8	223.6	65.2	14,589
Barley	160.6	160.6	58.6	9,416
Mixed grains	44.5	42.0	56.0	2,352
Canola	43.2	43.2	38.2	1,653
Corn for grain	1,000.8	988.4	138.4	136,805
Soybeans	721.5	714.1	41.8	29,873

See notes at the end of the table.

Table 1-2 – continued

July estimates of the 2012 production of principal field crops — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
Ontario				
	thousands of acres		hundredweights per acre	thousands of hundredweights
Winter wheat ¹	810.0	810.0	79.0	64,000
Spring wheat	95.0	93.0	53.8	5,000
All wheat	905.0	903.0	76.4	69,000
Oats	65.0	52.0	69.2	3,600
Barley	125.0	120.0	64.2	7,700
Fall rye ¹	30.0	27.0	35.2	950
Mixed grains	90.0	75.0	68.7	5,150
Canola	65.0	65.0	34.6	2,250
Corn for grain	2,225.0	2,150.0	136.7	294,000
Soybeans	2,650.0	2,640.0	39.4	104,000
Dry white beans	60.0	60.0	20.0	1,200
Manitoba				
	thousands of acres		bushels per acre	thousands of bushels
Winter wheat ¹	555.0	555.0	64.1	35,600
Spring wheat	2,385.0	2,355.0	43.0	101,150
All wheat	2,940.0	2,910.0	47.0	136,750
Oats	550.0	500.0	85.0	42,500
Barley	515.0	480.0	63.8	30,600
Fall rye ¹	95.0	95.0	46.3	4,400
Flaxseed ²	160.0	150.0	21.5	3,220
Canola	3,550.0	3,480.0	31.4	109,300
Corn for grain	300.0	290.0	93.4	27,100
Soybeans	850.0	850.0	30.7	26,100
Dry peas	55.0	52.0	35.6	1,850
	thousands of acres		pounds per acre	thousands of pounds
Sunflower seed	110.0	107.0	1516	162,200
Summerfallow	125.0	...	...	...
Saskatchewan				
	thousands of acres		bushels per acre	thousands of bushels
Winter wheat ¹	560.0	560.0	50.0	28,000
Spring wheat	8,475.0	8,185.0	36.7	300,200
Durum wheat	4,050.0	3,900.0	33.6	131,000
All wheat	13,085.0	12,645.0	36.3	459,200
Oats	1,385.0	1,165.0	80.2	93,400
Barley	2,640.0	2,380.0	57.4	136,500
Fall rye ¹	150.0	150.0	37.3	5,600
Flaxseed ²	845.0	800.0	20.9	16,700
Canola	11,100.0	10,600.0	30.5	323,300
Dry peas	2,235.0	2,105.0	32.5	68,400
	thousands of acres		pounds per acre	thousands of pounds
Lentils	2,300.0	2,170.0	1324	2,873,700
Mustard seed	260.0	230.0	827	190,100
Canary seed	300.0	290.0	1112	322,600
Chick peas	150.0	135.0	1563	211,000
Summerfallow	3,400.0	...	...	...

See notes at the end of the table.

Table 1-2 – continued

July estimates of the 2012 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	120.0	120.0	54.2	6,500
Spring wheat	5,800.0	5,720.0	49.5	283,400
Durum wheat	600.0	590.0	44.1	26,000
All wheat	6,520.0	6,430.0	49.1	315,900
Oats	650.0	430.0	81.9	35,200
Barley	3,800.0	3,470.0	70.6	245,000
Fall rye ¹	30.0	30.0	44.8	1,345
Mixed grains	100.0	20.0	60.0	1,200
Flaxseed ²	45.0	45.0	35.6	1,600
Canola	6,450.0	6,390.0	37.3	238,400
Dry peas	925.0	920.0	42.7	39,260
	thousands of acres		pounds per acre	thousands of pounds
Mustard seed	105.0	105.0	1088	114,250
Summerfallow	1,050.0	...	...	...
British Columbia				
	thousands of acres		bushels per acre	thousands of bushels
Spring wheat	80.0	80.0	55.3	4,425
Oats	60.0	45.0	67.8	3,050
Barley	65.0	55.0	61.8	3,400
Canola	120.0	120.0	35.8	4,300
Summerfallow	30.0	...	...	...
Western Canada ³				
Winter wheat ¹	1,235.0	1,235.0	56.8	70,100
Spring wheat	16,740.0	16,340.0	42.2	689,175
Durum wheat	4,650.0	4,490.0	35.0	157,000
All wheat	22,625.0	22,065.0	41.5	916,275
Oats	2,645.0	2,140.0	81.4	174,150
Barley	7,020.0	6,385.0	65.1	415,500
Fall rye ¹	275.0	275.0	41.3	11,345
Flaxseed ²	1,050.0	995.0	21.6	21,520
Canola	21,220.0	20,590.0	32.8	675,300
Dry peas	3,215.0	3,077.0	35.6	109,510
Summerfallow	4,605.0	...	...	...

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 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	683.3	682.7	4500	3,058.0
Spring wheat	6,377.9	6,270.5	2900	18,031.3
Durum wheat	1,624.8	1,590.4	2600	4,172.1
All wheat	8,686.0	8,543.6	3000	25,261.4
Oats	1,258.0	1,029.6	2900	2,997.1
Barley	2,619.1	2,364.8	3300	7,755.7
Fall rye 1	80.9	78.9	2500	194.7
Mixed grains	105.8	60.1	3000	179.0
Flaxseed 2	281.2	273.2	1300	368.3
Canola	7,633.2	7,471.3	1900	14,164.5
Corn for grain	1,217.7	1,201.7	8900	10,688.7
Soybeans	1,549.9	1,542.4	2800	4,246.3
Dry peas	942.0	914.2	2300	2,115.6
Summerfallow	5,022.0	...	...	...
Prince Edward Island				
Winter wheat 1	1.6	1.6	3600	5.8
Spring wheat	7.7	7.3	3300	24.0
All wheat	9.3	8.9	3300	29.8
Oats	4.2	4.0	2600	10.5
Barley	21.0	21.0	3100	65.6
Mixed grains	2.8	2.6	2500	6.5
Soybeans	22.3	22.1	2200	49.0
Nova Scotia				
Winter wheat 1	2.0	2.0	4800	9.5
Spring wheat	0.4	0.4	4000	1.6
All wheat	2.4	2.4	4600	11.1
Oats	1.6	1.4	2600	3.6
Barley	2.0	2.0	3000	6.0
Corn for grain	6.7	6.5	7600	49.2
Soybeans	3.0	3.0	2700	8.2
New Brunswick				
Winter wheat 1	0.2	0.2	4000	0.8
Spring wheat	1.8	1.4	3400	4.7
All wheat	2.0	1.6	3400	5.5
Oats	8.9	8.1	1800	14.8
Barley	9.9	9.5	2100	20.0
Corn for grain	4.2	4.0	5200	20.6
Soybeans	4.5	4.2	2100	8.9
Quebec				
Winter wheat 1	3.7	3.1	3200	10.0
Spring wheat	40.0	39.3	2700	108.0
All wheat	43.7	42.4	2800	118.0
Oats	96.0	89.0	2300	207.0
Barley	82.0	79.0	2800	218.0
Mixed grains	14.0	13.0	2500	32.0
Canola	17.0	17.0	2200	37.0
Corn for grain	357.0	353.5	8300	2,930.0
Soybeans	300.0	299.0	2700	800.0
Ontario				
Winter wheat 1	443.1	443.1	5100	2,245.3
Spring wheat	32.4	32.4	3500	112.9
All wheat	475.5	475.5	5000	2,358.2
Oats	22.3	18.6	2700	49.4
Barley	44.5	42.5	3300	139.3
Fall rye 1	10.1	10.1	2600	26.0
Mixed grains	36.4	32.4	2900	92.5
Canola	32.4	32.4	2100	66.9
Corn for grain	768.9	760.8	9500	7,239.3
Soybeans	987.4	983.4	3000	2,966.5
Dry white beans	14.2	14.2	2200	31.8

See notes at the end of the table.

Table 2-1 – continued

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
Manitoba				
Winter wheat ¹	74.9	74.9	3900	288.5
Spring wheat	802.1	775.0	2500	1,902.3
All wheat	877.0	849.9	2600	2,190.8
Oats	202.3	167.9	2500	416.4
Barley	137.6	109.3	2400	261.3
Fall rye ¹	18.2	16.2	2700	44.2
Flaxseed ²	38.4	35.2	1100	38.1
Canola	1,102.8	1,064.3	1600	1,655.6
Corn for grain	72.8	70.8	5800	414.0
Soybeans	232.7	230.7	1800	413.7
Dry peas	11.3	9.7	2100	20.0
Sunflower seed	14.2	13.8	1400	19.8
Summerfallow	1,093.0	...	...	...
Saskatchewan				
Winter wheat ¹	85.0	85.0	2800	236.8
Spring wheat	3,018.9	2,976.4	2600	7,737.4
Durum wheat	1,406.3	1,375.9	2600	3,551.6
All wheat	4,510.2	4,437.3	2600	11,525.8
Oats	566.6	503.8	3100	1,557.6
Barley	880.2	819.5	3000	2,438.5
Fall rye ¹	36.4	36.4	2200	81.3
Flaxseed ²	216.5	212.5	1300	279.4
Canola	3,957.8	3,885.0	1800	7,019.3
Dry peas	629.3	611.1	2200	1,330.8
Lentils	995.5	955.1	1500	1,455.0
Mustard seed	107.3	103.1	1000	103.2
Canary seed	95.1	93.0	1100	102.3
Chick peas	42.5	41.7	1800	75.2
Summerfallow	3,318.0	...	...	...
Alberta				
Winter wheat ¹	72.8	72.8	3600	261.3
Spring wheat	2,444.3	2,408.8	3300	8,027.5
Durum wheat	218.5	214.5	2900	620.5
All wheat	2,735.6	2,696.1	3300	8,909.3
Oats	323.7	212.5	3100	663.2
Barley	1,416.4	1,262.6	3600	4,550.4
Fall rye ¹	16.2	16.2	2700	43.2
Mixed grains	48.6	12.1	4000	48.0
Flaxseed ²	26.3	25.5	2000	50.8
Canola	2,488.8	2,438.2	2200	5,329.7
Dry peas	301.4	293.4	2600	764.8
Mustard seed	20.2	20.2	1100	21.6
Summerfallow	597.0	...	...	...
British Columbia				
Spring wheat	30.3	29.5	3800	112.9
Oats	32.4	24.3	3100	74.6
Barley	25.5	19.4	2900	56.6
Canola	34.4	34.4	1600	56.0
Summerfallow	14.0	...	...	...
Western Canada ³				
Winter wheat ¹	232.7	232.7	3400	786.6
Spring wheat	6,295.6	6,189.7	2900	17,780.1
Durum wheat	1,624.8	1,590.4	2600	4,172.1
All wheat	8,153.1	8,012.8	2800	22,738.8
Oats	1,125.0	908.5	3000	2,711.8
Barley	2,459.7	2,210.8	3300	7,306.8
Fall rye ¹	70.8	68.8	2500	168.7
Flaxseed ²	281.2	273.2	1300	368.3
Canola	7,583.8	7,421.9	1900	14,060.6
Dry peas	942.0	914.2	2300	2,115.6
Summerfallow	5,022.0	...	...	...

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 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	1,688.6	1,687.2	66.6	112,357
Spring wheat	15,760.3	15,494.6	42.8	662,541
Durum wheat	4,015.0	3,930.0	39.0	153,300
All wheat	21,464.0	21,111.8	44.0	928,198
Oats	3,108.7	2,544.4	76.4	194,337
Barley	6,472.1	5,843.7	61.0	356,220
Fall rye ¹	200.0	195.0	39.3	7,665
Mixed grains	261.6	148.6	63.1	9,376
Flaxseed ²	695.0	675.0	21.5	14,500
Canola	18,862.0	18,462.0	33.8	624,551
Corn for grain	3,009.2	2,969.5	141.7	420,795
Soybeans	3,829.8	3,811.3	40.9	156,021
Dry peas	2,328.0	2,259.0	34.4	77,735
Summerfallow	12,410.0	...	...	...
Prince Edward Island				
Winter wheat ¹	4.0	4.0	53.0	212
Spring wheat	19.0	18.0	49.0	882
All wheat	23.0	22.0	49.7	1,094
Oats	10.5	10.0	68.0	680
Barley	52.0	52.0	58.0	3,015
Mixed grains	7.0	6.5	55.0	358
Soybeans	55.0	54.5	33.0	1,800
Nova Scotia				
Winter wheat ¹	5.0	5.0	70.0	350
Spring wheat	1.0	1.0	59.0	59
All wheat	6.0	6.0	68.2	409
Oats	4.0	3.5	67.0	235
Barley	5.0	5.0	55.0	275
Corn for grain	16.5	16.0	121.0	1,936
Soybeans	7.5	7.5	40.0	300
New Brunswick				
Winter wheat ¹	0.5	0.5	55.0	28
Spring wheat	4.5	3.5	49.0	172
All wheat	5.0	4.0	49.8	199
Oats	22.0	20.0	48.0	960
Barley	24.5	23.5	39.0	917
Corn for grain	10.5	10.0	81.0	810
Soybeans	11.0	10.5	31.0	326
Quebec				
Winter wheat ¹	9.1	7.7	48.0	367
Spring wheat	98.8	97.1	40.9	3,968
All wheat	108.0	104.8	41.4	4,336
Oats	237.2	219.9	61.0	13,422
Barley	202.6	195.2	51.3	10,013
Mixed grains	34.6	32.1	48.8	1,568
Canola	42.0	42.0	38.8	1,631
Corn for grain	882.2	873.5	132.1	115,349
Soybeans	741.3	738.8	39.8	29,395

See notes at the end of the table.

Table 2-2 – continued

Estimates of the 2011 production of principal field crops — Imperial

	Area		Yield on harvested area	Production
	seeded	harvested		
Ontario				
	thousands of acres		hundredweights per acre	thousands of hundredweights
Winter wheat ¹	1,095.0	1,095.0	75.3	82,500
Spring wheat	80.0	80.0	51.9	4,150
All wheat	1,175.0	1,175.0	73.7	86,650
Oats	55.0	46.0	69.6	3,200
Barley	110.0	105.0	61.0	6,400
Fall rye ¹	25.0	25.0	41.0	1,025
Mixed grains	90.0	80.0	63.8	5,100
Canola	80.0	80.0	36.9	2,950
Corn for grain	1,900.0	1,880.0	151.6	285,000
Soybeans	2,440.0	2,430.0	44.9	109,000
Dry white beans	35.0	35.0	20.0	700
Manitoba				
	thousands of acres		bushels per acre	thousands of bushels
Winter wheat ¹	185.0	185.0	57.3	10,600
Spring wheat	1,982.0	1,915.0	36.5	69,900
All wheat	2,167.0	2,100.0	38.3	80,500
Oats	500.0	415.0	65.1	27,000
Barley	340.0	270.0	44.4	12,000
Fall rye ¹	45.0	40.0	43.5	1,740
Flaxseed ²	95.0	87.0	17.2	1,500
Canola	2,725.0	2,630.0	27.8	73,000
Corn for grain	180.0	175.0	93.1	16,300
Soybeans	575.0	570.0	26.7	15,200
Dry peas	28.0	24.0	30.6	735
	thousands of acres		pounds per acre	thousands of pounds
Sunflower seed	35.0	34.0	1282	43,600
Summerfallow	2,700.0	...	...	...
Saskatchewan				
	thousands of acres		bushels per acre	thousands of bushels
Winter wheat ¹	210.0	210.0	41.4	8,700
Spring wheat	7,460.0	7,355.0	38.7	284,300
Durum wheat	3,475.0	3,400.0	38.4	130,500
All wheat	11,145.0	10,965.0	38.6	423,500
Oats	1,400.0	1,245.0	81.1	101,000
Barley	2,175.0	2,025.0	55.3	112,000
Fall rye ¹	90.0	90.0	35.6	3,200
Flaxseed ²	535.0	525.0	21.0	11,000
Canola	9,780.0	9,600.0	32.2	309,500
Dry peas	1,555.0	1,510.0	32.4	48,900
	thousands of acres		pounds per acre	thousands of pounds
Lentils	2,460.0	2,360.0	1359	3,207,650
Mustard seed	265.0	255.0	892	227,500
Canary seed	235.0	230.0	981	225,700
Chick peas	105.0	103.0	1610	165,800
Summerfallow	8,200.0	...	...	...

See notes at the end of the table.

Table 2-2 – continued

Estimates of the 2011 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	180.0	180.0	53.3	9,600
Spring wheat	6,040.0	5,952.0	49.6	294,960
Durum wheat	540.0	530.0	43.0	22,800
All wheat	6,760.0	6,662.0	49.1	327,360
Oats	800.0	525.0	81.9	43,000
Barley	3,500.0	3,120.0	67.0	209,000
Fall rye ¹	40.0	40.0	42.5	1,700
Mixed grains	120.0	30.0	78.3	2,350
Flaxseed ²	65.0	63.0	31.7	2,000
Canola	6,150.0	6,025.0	39.0	235,000
Dry peas	745.0	725.0	38.8	28,100
	thousands of acres		pounds per acre	thousands of pounds
Mustard seed	50.0	50.0	956	47,800
Summerfallow	1,475.0	...	...	...
British Columbia				
	thousands of acres		bushels per acre	thousands of bushels
Spring wheat	75.0	73.0	56.8	4,150
Oats	80.0	60.0	80.7	4,840
Barley	63.0	48.0	54.2	2,600
Canola	85.0	85.0	29.1	2,470
Summerfallow	35.0	...	...	...
Western Canada ³				
Winter wheat ¹	575.0	575.0	50.3	28,900
Spring wheat	15,557.0	15,295.0	42.7	653,310
Durum wheat	4,015.0	3,930.0	39.0	153,300
All wheat	20,147.0	19,800.0	42.2	835,510
Oats	2,780.0	2,245.0	78.3	175,840
Barley	6,078.0	5,463.0	61.4	335,600
Fall rye ¹	175.0	170.0	39.1	6,640
Flaxseed ²	695.0	675.0	21.5	14,500
Canola	18,740.0	18,340.0	33.8	619,970
Dry peas	2,328.0	2,259.0	34.4	77,735
Summerfallow	12,410.0	...	...	...

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, farms of First Nations 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 First Nations 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 15,000 farms has been drawn from the list frame for the July 2012 Farm Survey.

Data collection

The July 2012 farm Survey was carried out from July 25 to August 1. Data collection was 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 in July. 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 estimates of production are based on level indicators obtained from a probability survey of farming operations. The potential error introduced by sampling can be estimated from the sample itself by using a statistical measure called the "coefficient of variation" (c.v.). Over repeated surveys, 95 times out of 100, the relative difference between a sample estimate and what should have been obtained from an enumeration of all farming operations would be less than twice the c.v.. This range of values is referred to as the "confidence interval". While published estimates may not exactly equal the level indicators due to the validation, these estimates do remain within the confidence interval of the survey level indicators. For the July Farm Survey, c.v.'s range from 2% to 10% for the major crops. Coefficients of variation for specialty crops are usually within 11% to 25%.

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

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

Note to readers

The *Field Crop Reporting Series (22-002-X)* of publications will be discontinued soon. Report #6 below (Stocks of principal field crops at July 31, 2012) will be the last publication and will be released on September 7, 2012. The data previously contained in these publications will continue to be available without charge via CANSIM.

Catalogue 22-002-X

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

Text table 1 Release dates

Release Title	2012 Release Dates
1- Stocks of principal field crops at December 31, 2011	February 3
2- March intentions of principal field crops areas	April 24
3- Stocks of principal field crops at March 31, 2012	May 7
4- Preliminary estimates of principal field crops areas	June 27
5- July estimates of production of principal field crops	August 22
6- Stocks of principal field crops at July 31, 2012	September 7
7- September estimates of production of principal field crops	October 4
8- November estimates of production of principal field crops	December 5

Cereals and oilseeds review

Catalogue 22-007-X

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

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

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

Figure 1

Calendar

