

July 2018 Estimates Crop Production Alberta Highlights

Agri-Food Statistics Update: Issue CR18-1

Release Information

On August 31, 2018, Statistics Canada released their July estimates of crop production for 2018. These estimates were derived from a Statistics Canada survey of Alberta producers, conducted in July 2018. Final estimates are expected to be released on December 6, 2018. Detailed data is available on the Statistics Canada website, table number 32-10-0359-01:

<https://www150.statcan.gc.ca/n1/en/type/data>

Highlights

July 2018 Estimate of Production of Principal Field Estimates of Crop Production

- This year's crop season started with late seeding, due to a long winter. Additionally, dry conditions in the southern parts of the province remained a challenge, especially for livestock producers.
- In 2018, the total production of selected principal field crops in Alberta are estimated at 23.4 million tonnes. This is down 5.6 per cent from a year ago, but still 6.9 per cent above the 10-year average.
- All wheat production is estimated to be down 3.9 per cent from 10 million tonnes to 9.6 million tonnes. This stems from anticipated lower yields (down 8.7 per cent from 2017), despite a 5.5 per cent increase in harvested area.
- Barley production remained relatively flat, at 3.94 million tonnes compared to 3.91 million tonnes in 2017, with an 8 per cent increase in harvested area, slightly offsetting a 6.5 per cent decline in yield.
- Canola production could drop 12.5 per cent to 6 million tonnes, which is still 10.8 per cent higher than the 10-year average, due to a decline in both yield and harvested area, which were down 10.1 and 2.6 per cent, respectively.
- Production of lentils and dry peas could fall by 6.1 and 12.8 per cent, respectively, due to a decrease in the harvested areas, which more than offset higher yields.
- Dry beans production is expected to increase significantly, by 30.9 per cent to 80,500 tonnes, which is 62.5 per cent above the 10-year average. The higher production is driven by a 24.2 per cent increase in harvested area and a 5.5 per cent increase in expected yield.

For more information:

Please visit the Agriculture and Forestry website:
<https://www.agric.gov.ab.ca>

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[https://www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/sdd5270](https://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/sdd5270)

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Alberta

Total Alberta Crop Production Expected to Decrease in 2018

Based on the August 31, 2018 Statistics Canada release (surveyed 3,698 Alberta farmers in July

2018), total production of the reported principal field crops could reach 23.4 million tonnes (see Table 1), down 5.6 percent, but still 6.9 per cent higher than the 10-year average (2008-2017). Driving most of the decline in production in 2018 were lower yields from 2017 (see Table 2).

Crops	2013r	2014r	2015	2016r	2017	2018p	10-year Average	% change	
								18 vs 17	18 vs Avg
Winter Wheat	288.5	296.1	225.9	318.4	176.9	92.2	269.1	-47.9%	-65.7%
Spring Wheat	10,169.6	8,369.1	7,247.6	8,204.4	8,720.0	8,494.9	7,906.7	-2.6%	7.4%
Durum Wheat	870.9	707.6	816.5	1,583.9	1,083.2	1,004.2	890.8	-7.3%	12.7%
All Wheat	11,329.0	9,372.8	8,290.0	10,106.7	9,980.1	9,591.3	9,066.5	-3.9%	5.8%
Oats	601.5	542.9	393.3	624.6	609.2	701.5	552.6	15.2%	26.9%
Barley	5,545.4	4,131.3	4,289.2	4,398.0	3,906.0	3,944.7	4,521.8	1.0%	-12.8%
Fall Rye	36.3	30.9	33.0	59.7	33.5	27.9	42.8	-16.7%	-34.8%
Mixed Grains	13.3	12.9	12.2	30.6	33.0	30.4	27.0	-7.9%	12.5%
Flaxseed	73.7	98.4	83.8	59.8	62.2	69.6	56.9	11.9%	22.3%
Canola	6,168.9	5,796.9	5,851.3	6,157.5	6,826.6	5,974.0	5,393.8	-12.5%	10.8%
Corn for Grain	66.0	91.4	87.6	98.0	152.9	100.2	64.6	-34.5%	55.1%
Dry Beans	48.1	66.0	47.9	61.6	61.5	80.5	49.5	30.9%	62.5%
Fababeans	-	107.5	81.6	54.4	45.4	46.1	28.9	1.5%	59.6%
Dry Peas	1,321.3	1,475.1	1,314.5	2,271.2	1,991.5	1,735.9	1,276.8	-12.8%	36.0%
Lentils	110.3	84.4	176.4	451.8	264.4	248.4	134.7	-6.1%	84.4%
Mustard Seed	37.2	59.4	31.9	73.3	27.1	43.7	42.4	61.3%	3.0%
Triticale	16.9	17.5	14.5	30.2	23.2	28.1	21.3	21.1%	31.8%
Sugar Beets	598.7	580.6	503.5	811.9	771.1	773.8	607.8	0.4%	27.3%
Total	25,966.6	22,468.0	21,210.7	25,289.3	24,787.7	23,396.1	21,887.4	-5.6%	6.9%

Source: Statistics Canada r - Revised p - Preliminary --- Not applicable - Not Available Avg - Average

Prepared by: Alberta Agriculture and Forestry, Statistics and Data Development Section

Note: Production data shown above may not match current Statistics Canada table, which are model driven estimates.

Crops	2017	2018p	2017	2018p	2017	2018p	10-year Avg Yld	Yield % change	
	Seeded	Seeded	Harvested	Harvested	Yield	Yield		18 vs 17	18 vs Avg
	('000 acres)		('000 acres)		(bu/acre)				
Winter Wheat	105.0	67.9	105.0	65.0	61.9	52.1	56.4	-15.8%	-7.6%
Spring Wheat	5,860.0	6,265.0	5,775.0	6,111.1	55.5	51.1	50.3	-7.9%	1.6%
Durum Wheat	1,090.0	1,184.8	1,085.0	1,170.8	36.7	31.5	43.9	-14.2%	-28.2%
All Wheat	7,080.0	7,544.8	6,965.0	7,346.9	52.6	48.0	49.7	-8.7%	-3.3%
Oats	690.0	795.1	425.0	508.0	92.9	89.5	80.6	-3.7%	11.0%
Barley	2,850.0	3,114.1	2,500.0	2,699.4	71.8	67.1	67.6	-6.5%	-0.8%
Fall Rye	45.0	39.6	25.0	22.4	52.8	49.1	44.4	-7.0%	10.6%
Mixed Grains	135.0	179.0	25.0	27.3	64.6	61.4	59.7	-5.0%	2.8%
Flaxseed	85.0	91.6	85.0	90.6	28.8	30.2	30.2	4.9%	0.0%
Canola	6,930.0	6,810.0	6,890.0	6,710.0	43.7	39.3	39.2	-10.1%	0.2%
Corn for Grain	60.0	35.0	45.0	27.0	133.8	146.1	99.6	9.2%	46.6%
Dry Beans	50.0	62.5	50.0	62.1	45.2	47.7	39.9	5.5%	19.4%
Fababeans	35.0	34.7	34.0	34.7	49.0	48.8	19.0	-0.3%	157.7%
Dry Peas	1,800.0	1,511.4	1,790.0	1,487.1	40.9	42.9	40.2	4.9%	6.7%
Lentils	485.0	420.2	483.0	413.9	20.1	22.1	26.4	9.6%	-16.3%
Mustard Seed	95.0	122.1	93.0	121.2	12.8	15.9	18.3	24.0%	-12.8%
Triticale	35.0	36.7	15.0	22.4	60.8	49.3	53.0	-18.9%	-7.1%
Sugar Beets	26.0	28.6	26.0	26.5	32.7	32.2	27.9	-1.6%	15.4%
Total	20,401.0	20,825.4	19,451.0	19,599.5	---	---	---	---	---

Source: Statistics Canada p - Preliminary --- Not applicable Avg - Average

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Note: Yield data shown above may not match current Statistics Canada table, which are model driven estimates.

Production by Crop Type, Alberta

In 2018, the total production of **spring wheat** is expected to decrease 2.6 per cent, to 8.5 million tonnes. The lower production stems from a decrease in average yield (down 7.9 per cent) more than offsetting an increase in harvested area (up 5.8 per cent). The provincial average yield is estimated at 51.1 bushels per acre, with harvested area at 6.1 million acres. For **durum wheat**, production could fall by 7.3 per cent, to one million tonnes. The lower production is due to yield decreasing 14.2 per cent to 31.5 bushels per acre, despite a 7.9 per cent increase in harvested area to 1.2 million acres. The production of **winter wheat** is expected to drop 47.9 per cent to 92,200 tonnes, the result of a 38.1 per cent decline in harvested area to 65,000 acres and the average yield falling by 15.8 per cent to 52.1 bushels per acre.

Total **barley** production is expected to marginally increase to 3.94 million tonnes, up one per cent from last year. This is due to an 8 per cent increase in harvested area, to 2.7 million acres, more than offsetting a 6.5 per cent decline in the average yield, to 67.1 bushels per acre.

Total **oats** production could increase to 701,500 tonnes, up 15.2 per cent from 2017. This is attributed to a 19.5 per cent increase in harvested area, despite average yield falling 3.7 per cent. Harvested area is anticipated to increase to 508,000 acres, while average yield is down to 89.5 bushels per acre.

Total **canola** production could decrease to 6 million tonnes, down 12.5 per cent from 2017. This is

as a result of a lower yield at 39.3 bushels per acre (down 10.1 per cent), and harvested area declining 2.6 per cent to 6.7 million acres.

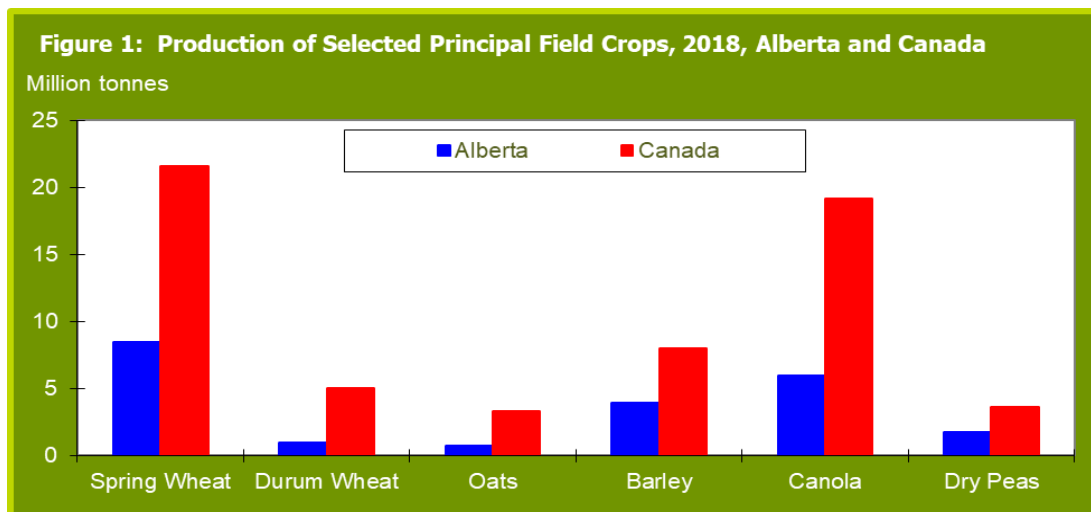
Dry beans production is expected to increase significantly by 30.9 per cent to a record 80,500 tonnes, which is 62.5 per cent above the 10-year average. The record production is due to an increase in both harvested area and yield. Harvested area could increase by 24.2 per cent to 62,100 acres, while average yield up 5.5 per cent to 47.7 bushels per acre.

For **lentils**, production is expected to drop 6.1 per cent to 248,400 tonnes, but still 84.4 per cent higher than the 10-year average. The lower production stems from a 14.3 per cent decrease in harvested area to 413,900 acres, despite average yield increasing 9.6 per cent to 22.1 bushels per acre.

The production of **dry peas** could fall by 12.8 per cent to 1.7 million tonnes, but is still 36 per cent above the 10-year average. The decline is attributed to a 16.9 per cent drop in harvested area, to 1.5 million acres, despite average yield up 4.9 per cent, to 42.9 bushels per acre.

2018 Crop Production, Canada

The July estimates suggest that in 2018, production of most principal field crops in Canada could see a decline from last year. Estimates of Canadian production was 21.6 million tonnes for spring wheat, 5 million tonnes for durum wheat, 8 million tonnes for barley, 3.3 million tonnes for oats, 19.2 million tonnes for canola, and 3.6 million tonnes for dry peas (see Figure 1).



Source: Statistics Canada

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