

Agri-Food Statistics Update



Issue No: CR13-3

Collected from a variety of sources, the Statistics and Data Development Branch monitors statistical indicators of agri-food activity for Alberta. The Agri-Food Statistics Update is designed to provide users with commentary on current issues, trends and new developments related to agriculture and the food and beverage processing industries. Up-to-date statistics are supplemented with informative charts and diagrams. To gauge Alberta's performance, comparative data and information are often available for Canada and the provinces.

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

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November Estimates of Production of Principal Field Crops, Alberta, 2013

On December 4, 2013, Statistics Canada released their November estimates of crop production for 2013. These estimates are the third and final production estimates for 2013.

Key Messages

- Total production of principal field crops in Alberta was 34.5 million tonnes in 2013 ... up 18.7 per cent from a year ago and 26.1 per cent above the 10-year average (2003-2012). The higher production stemmed mostly from record yields for nearly all crops.
- Spring wheat production increased 36.9 per cent, to a record of 10.2 million tonnes. This was due to the record yield and increased seeded and harvested areas.
- Barley production was up 24.2 per cent, to 5.5 million tonnes. The rise in production was attributed to a record average yield, which more than offset lower seeded and harvested areas.
- Canola production in the province also set a new record at 6.0 million tonnes. Production increased 17.7 per cent from 2012 due to record yields.
- The production for dry peas increased 9.3 per cent to 1.3 million tonnes, a new record. This was a result of record yields.

December 23, 2013

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Total 2013 Crop Production Increased in Alberta

On December 4, 2013, Statistics Canada released its third and final report for 2013 entitled "Production of Principal Field Crops, November 2013". Based on this report, total 2013 production of principal field crops in Alberta was estimated at record 34.5 million tonnes, 18.7 per cent higher than last year, and 26.1 per cent above the 10-year average for 2003-2012 (see Table 1). The higher production stems mostly from record yields for nearly all crops. Provincial average yields were above their respective 10-year averages (see Table 2). Crop growing conditions in the province during 2013 were very favourable. Seeding was later than normal given a cool and wet spring, but the remainder of the season was hot with frequent precipitation. These conditions provided producers with the opportunity to make good harvest with above average crop quality. Total seeded and harvested areas of principal field crops in the province declined 0.2 per cent and 0.1 per cent, respectively.

Table 1: Alberta Crop Production ('000 tonnes)

Crops	2008	2009	2010	2011	2012r	2013p	10-year Average	% change	
								13 vs 12	13 vs Avg
Winter Wheat	386.5	266.7	264.0	261.3	206.8	261.3	225.9	26.4%	15.7%
Spring Wheat	7,272.0	6,180.6	7,515.5	7,957.8	7,429.9	10,169.6	6,709.7	36.9%	51.6%
Durum Wheat	1,077.7	993.4	421.8	620.5	732.1	870.9	818.3	19.0%	6.4%
All Wheat	8,736.2	7,440.7	8,201.3	8,839.6	8,368.8	11,301.8	7,753.9	35.0%	45.8%
Oats	541.3	308.4	647.7	738.7	518.2	601.5	657.3	16.1%	-8.5%
Barley	5,447.5	3,840.7	4,528.7	4,668.0	4,463.3	5,545.4	4,874.9	24.2%	13.8%
Fall Rye	57.2	38.1	50.8	54.0	34.3	36.3	55.2	5.8%	-34.2%
Mixed Grains	30.6	23.0	24.5	79.6	10.5	13.3	38.5	26.7%	-65.5%
Flaxseed	33.0	28.4	30.5	54.7	41.9	73.7	34.9	75.9%	111.2%
Canola	4,322.7	3,628.7	4,740.0	5,347.9	5,097.2	5,998.8	3,876.3	17.7%	54.8%
Corn for Grain	35.6	43.2	-	35.6	35.6	66.0	23.5	85.4%	180.9%
Dry Beans	34.9	55.1	31.5	44.0	44.7	48.1	47.3	7.6%	1.7%
Dry Peas	731.4	666.7	982.5	805.6	1,208.4	1,321.3	722.6	9.3%	82.9%
Lentils	-	33.4	82.0	76.0	68.1	77.8	36.5	14.2%	113.2%
Mustard Seed	37.2	47.7	47.7	26.8	35.9	37.2	37.2	3.6%	0.0%
Chick Peas	-	18.1	-	10.4	16.2	-	17.4	-	-
Triticale	19.4	12.7	38.1	21.6	19.1	16.9	23.3	-11.5%	-27.5%
Tame Hay	8,826.9	4,935.1	8,223.6	7,937.9	7,711.1	7,588.6	7,739.2	-1.6%	-1.9%
Fodder Corn	571.5	1,102.2	680.4	1,388.0	784.7	1,179.3	773.4	50.3%	52.5%
Sugar Beets	344.7	657.7	508.0	703.1	598.7	598.7	647.7	0.0%	-7.6%
Total	29,770.1	22,879.9	28,817.3	30,831.5	29,056.7	34,504.7	27,359.1	18.7%	26.1%

Production by Crop Type, Alberta

Total production of **spring wheat** in 2013, increased 36.9 per cent from 2012, to a record of 10.2 million tonnes, and was 51.6 per cent above the ten-year average of 6.7 million tonnes. The record production stemmed from record yield and increased seeded as well as harvested areas. Harvested area increased to 6.4 million acres in 2013, up 11.0 per cent from 2012. Yield jumped 23.3 per cent to 58.7 bushels per acre, and was 30.7 per cent above the 10-year average. Total **durum** production increased 19.0 per cent over last year to 870,900 tonnes. The higher production was due to harvested area increasing 2.6 per cent to 595,000 acres, and a record average yield of 53.8 bushels per acre, up 15.9 per cent. Overall, total production of **all wheat** reached a record 11.3 million tonnes, an increase of 35.0 per cent from 2012.

Total **barley** production was up 24.2 per cent over 2012, to 5.5 million tonnes. The rise in production was due to a record average yield, which more than offset lower harvested and seeded areas. The provincial average yield of 76.5 bushels per acre, was 26.9 per cent above 2012 and 23.0 per cent above the 10-year average.

Total **canola** production also set a record at 6.0 million tonnes, up 17.7 per cent from 2012, and was attributed to higher yields. The provincial average yield was a record 43.7 bushels per acre, up 27.4 per cent from 2012 and 25.9 per cent above the 10-year average. Both seeded and harvested areas for canola declined in 2013.

Production of **dry peas** set a second consecutive record of 1.3 million tonnes, up 9.3 per cent from a year ago. This was driven by a record yield of 48.8 bushels per acre (up 16.5 per cent from 2012), which more than offset declines in seeded and harvested areas.

Total **oats** production increased 16.1 per cent, to 601,500 tonnes, and was attributed to a record average yield, which more than offset lower harvested and seeded areas. The average yield in 2013 was a record 95.1 bushels per acre, up 18.9 per cent from last year and 30.3 per cent above the 10-year average.

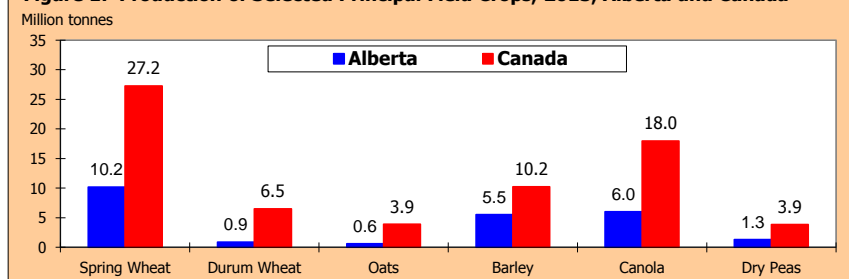
2013 Crop Production, Canada

Based on the November estimates, total 2013 Canadian production was 27.2 million tonnes for spring wheat, 6.5 million tonnes for durum, 10.2 million tonnes for barley, 3.9 million tonnes for oats, 18.0 million tonnes for canola, and 3.9 million tonnes for dry peas (see Figure 1).

Table 2: Alberta Crop Area and Yield

Crops	2012r	2012r	2012r	2013p	2013p	2013p	10-year Avg Yld	Yield % change	
	Seeded	Harvested	Yield	Seeded	Harvested	Yield		13 vs 12	13 vs Avg
	('000 acres)		(bu/acre)	('000 acres)		(bu/acre)			
Winter Wheat	130.0	130.0	58.5	155.0	140.0	68.6	50.7	17.3%	35.3%
Spring Wheat	5,800.0	5,735.0	47.6	6,415.0	6,365.0	58.7	44.9	23.3%	30.7%
Durum Wheat	580.0	580.0	46.4	600.0	595.0	53.8	41.5	15.9%	29.6%
All Wheat	6,525.0	6,445.0	47.7	7,180.0	7,100.0	58.5	44.6	22.6%	31.2%
Oats	640.0	420.0	80.0	580.0	410.0	95.1	73.0	18.9%	30.3%
Barley	3,770.0	3,400.0	60.3	3,650.0	3,330.0	76.5	62.2	26.9%	23.0%
Fall Rye	30.0	30.0	45.0	30.0	30.0	47.7	41.5	6.0%	14.9%
Mixed Grains	80.0	10.0	51.5	90.0	10.0	65.0	59.7	26.2%	8.9%
Flaxseed	50.0	50.0	33.0	90.0	90.0	32.2	27.4	-2.4%	17.5%
Canola	6,600.0	6,550.0	34.3	6,080.0	6,050.0	43.7	34.7	27.4%	25.9%
Dry Beans	45.0	43.0	22.9	40.0	40.0	26.5	22.0	15.7%	20.5%
Dry Peas	1,075.0	1,060.0	41.9	1,000.0	995.0	48.8	37.6	16.5%	29.8%
Lentils	85.0	83.0	30.1	83.0	78.0	36.6	22.3	21.5%	63.9%
Mustard Seed	95.0	93.0	17.0	95.0	92.0	17.8	17.2	4.9%	3.6%
Triticale	25.0	17.0	44.1	25.0	13.0	51.2	45.5	16.1%	12.5%
			(tons/acre)			(tons/acre)			
Tame Hay	4,950.0	4,600.0	1.8	4,975.0	4,520.0	1.9	1.6	5.6%	18.8%
Fodder Corn	70.0	50.0	17.3	80.0	65.0	20.0	17.1	15.6%	17.0%
Sugar Beets	25.0	25.0	26.4	22.0	22.0	30.0	24.1	13.6%	24.5%
Total	24,065.0	22,876.0	---	24,020.0	22,845.0	---	---	---	---

Figure 1: Production of Selected Principal Field Crops, 2013, Alberta and Canada



Note: Totals may not add up due to rounding. 10-year average refers to 2003 to 2012.

Source: Statistics Canada p - Preliminary r - Revised - Not available --- Not applicable bu - Bushels Avg - Average Yld - Yield
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