

# Agri-Food Statistics Update



## Issue No: CR13-1

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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## July 2013 Estimate of Production of Principal Field Crops, Alberta

On August 21, 2013, Statistics Canada released their July estimates of crop production for 2013.

### Key Messages

- Based on the report, total production of principal field crops in Alberta in 2013 is anticipated at 21.2 million tonnes, up 9.1 per cent from a year ago, and 17.7 per cent above the 10-year average (2003-2012). The higher production stems from overall strong yields for crops.
- In 2013, spring wheat production in Alberta is expected to increase by 13.0 per cent to 8.4 million tonnes, a new record high for the province. The record production stems from anticipated record high yields and harvested area.
- Barley production is expected to be at 4.8 million tonnes, up 7.2 per cent, as yields are expected to increase by 14.6 per cent.
- Canola production in the province is expected to climb 5.6 per cent to 5.2 million tonnes, the second highest on record. Contributing to the increased production are higher yields.
- Dry peas production is expected to increase 17.1 per cent to 1.2 million tonnes, and would set a new record. The estimated increase is driven by high yields and an increase in harvested area.

Note: This is the first of three crop production estimates that will be done by Statistics Canada. The second is scheduled for release on October 4, 2013 (September estimates), followed by the final release (November estimates) on December 4, 2013.

**August 27, 2013**

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## Total Alberta Crop Production Expected to Increase in 2013

On August 21, 2013, Statistics Canada released their July, 2013 estimates of crop production for Canada and provinces. The July estimate is preliminary and is the first of three production estimates scheduled by Statistics Canada. Based on the estimates, total 2013 production of the reported principal field crops in Alberta could reach 21.2 million tonnes, or 9.1 per cent higher than last year, and 17.7 per cent above the 10-year average (see Table 1). Crop growing conditions and soil moisture conditions in the vast majority of the province this year have been good to excellent. Provincial average yields are projected to be above their 10-year averages for all major crops (see Table 2). Just to caution, these production estimates reflect yield potentials at the time the survey was conducted (July 24 to August 5, 2013) and therefore could change in subsequent reports. Total seeded area and total harvested area of principal field crops in the province is estimated to be on par with 2012.

Crops	2008	2009	2010	2011r	2012r	2013p	10-year Average	% change	
								13 vs 12	13 vs Avg
Winter Wheat	386.5	266.7	264.0	261.3	206.8	228.6	225.9	10.5%	1.2%
Spring Wheat	7,272.0	6,180.6	7,515.5	7,957.8	7,429.9	8,396.0	6,709.7	13.0%	25.1%
Durum Wheat	1,077.7	993.4	421.8	620.5	732.1	762.0	818.3	4.1%	-6.9%
<b>All Wheat</b>	<b>8,736.2</b>	<b>7,440.7</b>	<b>8,201.3</b>	<b>8,839.6</b>	<b>8,368.8</b>	<b>9,386.6</b>	<b>7,753.9</b>	<b>12.2%</b>	<b>21.1%</b>
Oats	541.3	308.4	647.7	738.7	518.2	492.0	657.3	-5.1%	-25.1%
Barley	5,447.5	3,840.7	4,528.7	4,668.0	4,463.3	4,785.6	4,874.9	7.2%	-1.8%
Fall Rye	57.2	38.1	50.8	54.0	34.3	-	56.8	-	-
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	4,898.8	5,175.5	3,856.4	5.6%	34.2%
Mixed Grains	30.6	23.0	24.5	79.6	10.5	-	38.5	-	-
Dry Peas	731.4	666.7	982.5	805.6	1,036.8	1,213.8	705.4	17.1%	72.1%
Lentils	-	33.4	79.3	68.3	65.5	61.7	34.9	-5.8%	77.0%
Mustard Seed	37.2	47.7	47.7	26.8	35.9	54.7	37.2	52.4%	47.2%
<b>Total</b>	<b>19,937</b>	<b>16,056</b>	<b>19,333</b>	<b>20,683</b>	<b>19,474</b>	<b>21,244</b>	<b>18,050</b>	<b>9.1%</b>	<b>17.7%</b>

## Production by Crop Type, Alberta

Total production of spring wheat in 2013, is expected to increase 13.0 per cent, to a record high of 8.4 million tonnes. The higher production stems from an anticipated increase in yields and harvested area (both record highs), and up 4.8 per cent and 7.8 per cent, respectively. The provincial average yield is projected at 49.9 bushels per acre, and harvested area is at 6.2 million acres. For durum wheat, production could rise 4.1 per cent, to 762,000 tonnes. The higher production is due to harvested area increasing 7.8 per cent to 625,000 acres. The provincial average yield is anticipated to drop by 3.4 per cent, from 46.4 bushels, to 44.8 bushels per acre. Winter wheat production is estimated at 228,600 tonnes, up 10.5 per cent from 2012, and 1.2 per cent above the 10-year average. The increase is expected due to a higher seeded and harvested area. Overall, total production of all wheat could reach 9.4 million tonnes, 12.2 per cent higher than in 2012, and 21.1 per cent above the 10-year average.

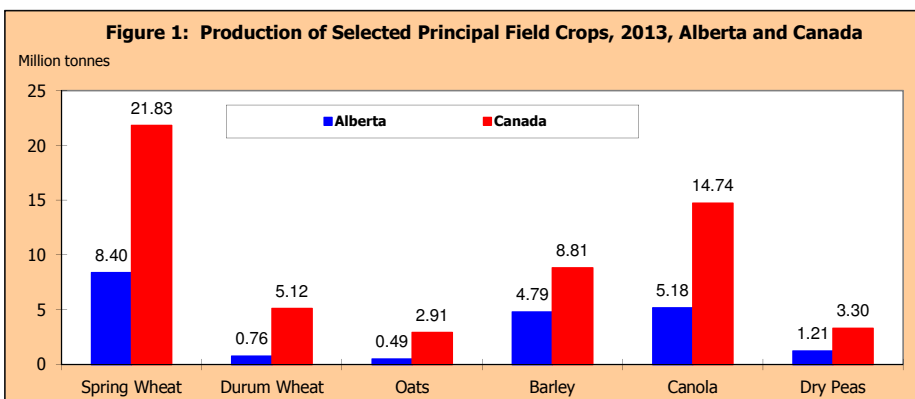
Crops	2012r		2012r		2013p		2013p		Yield % change	
	Seeded	Harvested	Yield	Seeded	Harvested	Yield	Avg Yld	13 vs 12	13 vs Avg	
	('000 acres)		(bu/acre)	('000 acres)		(bu/acre)				
Winter Wheat	130.0	130.0	58.5	155.0	155.0	54.2	50.7	-7.4%	6.9%	
Spring Wheat	5,800.0	5,735.0	47.6	6,260.0	6,180.0	49.9	44.9	4.8%	11.2%	
Durum Wheat	580.0	580.0	46.4	650.0	625.0	44.8	41.5	-3.4%	8.0%	
<b>All Wheat</b>	<b>6,525.0</b>	<b>6,445.0</b>	<b>47.7</b>	<b>7,075.0</b>	<b>6,960.0</b>	<b>49.6</b>	<b>44.6</b>	<b>4.0%</b>	<b>11.2%</b>	
Oats	640.0	420.0	80.0	600.0	385.0	82.9	73.0	3.6%	13.5%	
Barley	3,770.0	3,400.0	60.3	3,550.0	3,180.0	69.1	62.2	14.6%	11.1%	
Fall Rye	40.0	30.0	45.0	40.0	-	-	41.3	-	-	
Flaxseed	50.0	50.0	33.0	90.0	89.0	32.6	27.4	-1.2%	18.9%	
Canola	6,500.0	6,430.0	33.6	6,080.0	6,000.0	38.0	34.6	13.1%	9.8%	
Mixed Grains	80.0	10.0	51.5	80.0	-	-	59.7	-	-	
Dry Peas	960.0	935.0	40.7	1,075.0	1,035.0	43.1	37.5	5.9%	15.0%	
Lentils	85.0	81.0	29.7	90.0	87.0	26.1	22.0	-12.3%	18.7%	
Mustard Seed	95.0	93.0	17.0	105.0	102.0	23.6	17.2	39.1%	37.3%	
<b>Total</b>	<b>18,745.0</b>	<b>17,894.0</b>	<b>---</b>	<b>18,785.0</b>	<b>17,838.0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	

Total barley production is expected to increase to 4.8 million tonnes, up 7.2 per cent from last year. The provincial average yield is expected to increase 14.6 per cent to a record high of 69.1 bushels per acre. Harvested area is expected to decrease by 6.5 per cent to 3.2 million acres.

Total oat production is expected to decline by 5.1 per cent, to 492,000 tonnes, and is attributed to a drop in harvested area, despite yield increasing. Harvested area is anticipated to fall 8.3 per cent to 385,000 acres, while yield was up 3.6 per cent to a record high 82.9 bushels per acre.

Total canola production could increase by 5.6 per cent to 5.2 million tonnes, the second highest on record. Contributing to the increase are higher yields. The provincial average yield is projected at 38.0 bushels per acre, 13.1 per cent above last year, and 9.8 per cent above the 10-year average. For 2013, the harvested acreage is estimated at 6.0 million acres, down 6.7 per cent from 2012.

In 2013, dry peas production is expected to jump 17.1 per cent to a record 1.2 million tonnes. This is due to higher seeded and harvested areas as well as yield. The provincial average yield is projected at 43.1 bushels per acre, or 5.9 per cent above 2012, while seeded and harvested areas could increase by 12.0 per cent and 10.7 per cent, respectively.



## 2013 Crop Production, Canada

The July estimates suggest that in 2013, production for all major principal field crops in Canada could see an increase from last year. Projections of Canadian production are at 21.83 million tonnes for spring wheat, 5.12 million tonnes for durum wheat, 2.91 million tonnes for oats, 8.81 million tonnes for barley, 14.74 million tonnes for canola, and 3.30 million tonnes for dry peas (see Figure 1).

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

August 27, 2013