

# Agri-Food Statistics Update



## Issue No: CR13-2

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.

Please visit the following website for a complete listing of Agri-Food Statistics Update releases:

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

**Note to Users: The contents of this document may not be used or reproduced without properly accrediting Alberta Agriculture and Rural Development, Economics and Competitiveness Division, Statistics and Data Development Branch.**



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

On October 4, 2013, Statistics Canada released their September, 2013 estimates of crop production for Canada and provinces.

### Key Messages

- Based on the report, total production of principal field crops in Alberta in 2013 is anticipated to be 22.0 million tonnes, up 11.7 per cent from a year ago, and 22.6 per cent above the 10-year average (2003-2012). The higher production stems from overall strong yields for crops.
- Alberta producers anticipate spring wheat production to increase by 18.9 per cent, to a record 8.8 million tonnes in 2013. The higher production stems from an anticipated increase in yields and harvested area (both record highs) which are up 11.1 per cent and 7.0 per cent, respectively.
- Barley production is expected to be up 9.3 per cent, to 4.9 million tonnes, as yields are expected to increase by 19.1 per cent to a record 71.8 bushels per acre. Oats production is up 7.1 per cent, to 555,200 tonnes, mainly attributed to a record high yield of 87.8 bushels per acre.
- Canola production in the province is expected to climb 2.3 per cent, to 5.2 million tonnes – the highest since 2011. Contributing to the increased production are higher yields.
- Dry peas production is expected to increase 14.2 per cent to 1.4 million tonnes, setting a new record. The increase is due to record high yields.

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

October 11, 2013

(Please turn over)

## Total Alberta Crop Production is Expected to Increase in 2013

On October 4, 2013, Statistics Canada released their September, 2013 estimates of crop production for Canada and provinces. This is the second of three crop production estimates. The November estimates, which contain the third and final crop production statistics for the year, is scheduled for release on December 4, 2013. Based on this release, total production of principal field crops in Alberta in 2013 is anticipated to be 22.0 million tonnes, up 11.7 per cent from a year ago, and 22.6 per cent above the 10-year average (see Table 1). The higher production stems from overall strong yields for crops (see Table 2). Just to caution, these production estimates reflect yield potentials at the time the survey was conducted (September 3 to September 10, 2013) and are subject to revision. The warm, dry weather across the province has provided producers with the opportunity to make good harvest progress with high yields and above average crop quality.

**Table 1: Alberta Crop Production ('000 tonnes)**

Crops	2008	2009	2010r	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	239.5	225.9	15.8%	6.0%
Spring Wheat	7,272.0	6,180.6	7,515.5	7,957.8	7,429.9	8,831.4	6,709.7	18.9%	31.6%
Durum Wheat	1,077.7	993.4	421.8	620.5	732.1	870.9	818.3	19.0%	6.4%
<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>9,941.8</b>	<b>7,753.9</b>	<b>18.8%</b>	<b>28.2%</b>
Oats	541.3	308.4	647.7	738.7	518.2	555.2	657.3	7.1%	-15.5%
Barley	5,447.5	3,840.7	4,528.7	4,668.0	4,463.3	4,877.0	4,874.9	9.3%	0.0%
Fall Rye	57.2	38.1	50.8	54.0	34.3	..	55.9	---	---
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	5,216.3	3,876.3	2.3%	34.6%
Dry Peas	731.4	666.7	982.5	805.6	1,208.4	1,379.8	722.6	14.2%	90.9%
<b>Total</b>	<b>19,869.3</b>	<b>15,951.7</b>	<b>19,181.5</b>	<b>20,508.5</b>	<b>19,732.1</b>	<b>22,043.8</b>	<b>17,975.8</b>	<b>11.7%</b>	<b>22.6%</b>

## Production by Crop Type, Alberta

In 2013, total production of **spring wheat** is expected to increase 18.9 per cent, to a new record of 8.8 million tonnes. The higher production stems from an anticipated increase in yields and harvested area, both record highs. Harvested area is expected to climb 7.0 per cent, from 5.7 million acres to 6.1 million acres in 2013. The provincial average yield is also expected to rise from 47.6 bushels per acre in 2012, to 52.9 bushels per acre in 2013. **Winter wheat** production could increase to 239,500 tonnes, up 15.8 per cent from 2012, and 6.0 per cent above the 10-year average. The increase in production is due to a higher harvested area (up 11.5 per cent), and a higher projected provincial average yield of 60.7 bushels per acre. Total **durum wheat** production is expected to increase 19.0 per cent over last year to 870,900 tonnes. The higher production is due to harvested area increasing 5.2 per cent to 610,000 acres. The provincial average yield is anticipated to climb 13.1 per cent, from 46.4 bushels per acre in 2012 to a record 52.5 bushels per acre in 2013. Overall, total production of **all wheat** could reach a record 9.9 million tonnes, up 18.8 per cent over 2012, and 28.2 per cent above the 10-year average.

Total **barley** production is expected to be 4.9 million tonnes, up 9.3 per cent from last year. The provincial average yield is anticipated at a record 71.8 bushels per acre, or 19.1 per cent higher than 2012. Harvested area is expected to decrease 8.2 per cent to 3.1 million acres in 2013.

As a result of higher yields, 2013 **canola** production could increase by 2.3 per cent over 2012, to 5.2 million tonnes. Harvested acreage is estimated at 5.8 million acres, down 11.1 per cent. The provincial average yield is up 15.2 per cent to 39.5 bushels per acre, on par with the record yields set in 2011.

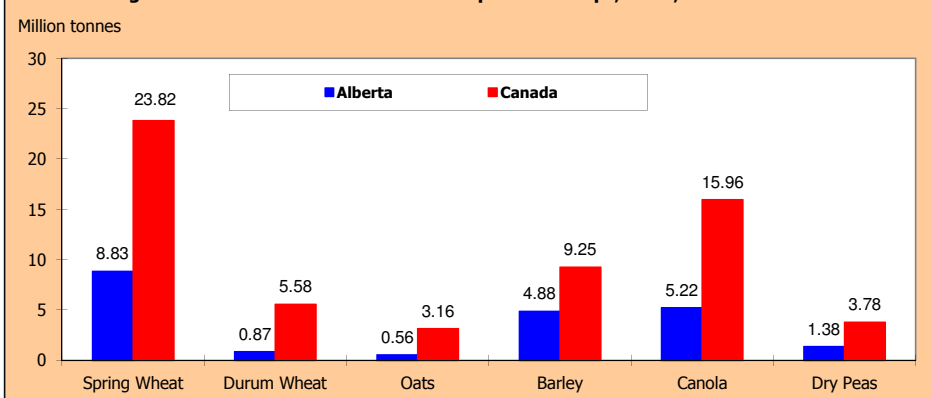
In 2013, **dry peas** production is expected to increase 14.2 per cent to a record 1.4 million tonnes, driven by a record average provincial yield of 50.0 bushels per acre. Harvested area is, however, expected to decrease by 45,000 acres (down 4.2 per cent) from 2012, to 1.0 million acres.

Despite the drop in harvested area, total **oat** production is expected to increase by 7.1 per cent, to 555,200 tonnes, the result of an anticipated yield increase. Average provincial yield is expected to be up 9.7 per cent in 2013 to a new record of 87.8 bushels per acre. Harvested area is expected at 410,000 acres compared to 420,000 acres in 2012.

**Table 2: Alberta Crop Area and Yield**

Crops	2012r		2012r		2013p		2013p		10-year Avg Yld	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	145.0	60.7	50.7	3.8%	19.7%		
Spring Wheat	5,800.0	5,735.0	47.6	6,410.0	6,135.0	52.9	44.9	11.1%	17.9%		
Durum Wheat	580.0	580.0	46.4	620.0	610.0	52.5	41.5	13.1%	26.6%		
<b>All Wheat</b>	<b>6,525.0</b>	<b>6,445.0</b>	<b>47.7</b>	<b>7,195.0</b>	<b>6,890.0</b>	<b>53.0</b>	<b>44.6</b>	<b>11.1%</b>	<b>18.8%</b>		
Oats	640.0	420.0	80.0	600.0	410.0	87.8	73.0	9.7%	20.2%		
Barley	3,770.0	3,400.0	60.3	3,550.0	3,120.0	71.8	62.2	19.1%	15.5%		
Fall Rye	30.0	30.0	45.0	30.0	..	..	41.5	---	---		
Flaxseed	50.0	50.0	33.0	80.0	75.0	38.7	27.4	17.3%	41.2%		
Canola	6,600.0	6,550.0	34.3	6,080.0	5,820.0	39.5	34.7	15.2%	13.9%		
Dry Peas	1,075.0	1,060.0	41.9	1,075.0	1,015.0	50.0	37.6	19.3%	32.9%		
<b>Total</b>	<b>18,690.0</b>	<b>17,955.0</b>	<b>---</b>	<b>18,610.0</b>	<b>17,330.0</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>		

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



## 2013 Crop Production, Canada

In 2013, production for all principal field crops in Canada could see an increase from last year (see Figure 1). Projections of Canadian production are 23.82 million tonnes for spring wheat (up 26.4 per cent), 5.58 million tonnes for durum (up 20.6 per cent), 3.16 million tonnes for oats (up 12.5 per cent), 9.25 million tonnes for barley (up 15.4 per cent), 15.96 million tonnes for canola (up 15.1 per cent), and 3.78 million tonnes for dry peas (up 13.2 per cent).

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

October 11, 2013

Source: Statistics Canada p - Preliminary r - Revised --- Not applicable bu - Bushels Avg - Average Yld - Yield .. Not available  
Prepared by: Alberta Agriculture and Rural Development, Economics and Competitiveness Division, Statistics and Data Development Branch  
email: lukas.matejovsky@gov.ab.ca Telephone: 780-422-2887