Catalogue no. 22-007-X

Cereals and Oilseeds Review

October 2011

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Statistics Canada
Agriculture Division

Cereals and Oilseeds Review

October 2011

Published by authority of the Minister responsible for Statistics Canada

December 2011

Catalogue no. 22-007-X, vol. 34, no. 10

ISSN 1492-4048

Frequency: Monthly

Ottawa

Cette publication est également disponible en français.

Note of appreciation

Canada owes the success of its statistical system to a long-standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

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Symbols

The following standard symbols are used in Statistics Canada publications:

.	not available for any reference period
..	not available for a specific reference period
...	not applicable
0	true zero or a value rounded to zero
0s	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 ($p < 0.05$)

Note

Due to rounding, the sums of individual items may not agree exactly with the totals.

Five-year averages exclude years without data.

Concepts, methods and sources published annually in the October issue.

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Situation report — November 2011

Higher seeded area of grains and oilseed offset by lower average yields

Total production of grains and oilseeds is estimated to be 63 million metric tonnes for the 2011/2012 crop year, similar to the previous year. These numbers originate from Statistics Canada's September Farm Survey of 14,100 Canadian farmers, which is a preliminary survey of field crop production in Canada. This survey was conducted from September 1 to September 9, 2011. There was less area seeded to pulse crops which resulted in more area for grains and oilseeds.

According to Agriculture and Agri-Food Canada's publication *Canada: Grains and Oilseeds Outlook*, the supply of grains and oilseeds is forecast to decrease by about 4 % due to low beginning inventories. This expectation assumes normal crop quality and a slight decrease in exports, as lower exports of coarse grain (barley, corn, oats and rye) and oilseeds more than offset higher exports of wheat. In addition, a record-low is forecast for total ending inventories. Overall prices for grains and oilseeds are expected to maintain historically high levels, as in 2010/2011. Basic factors that would influence outcomes are harvesting conditions, temperatures and precipitation, exchange rates and the condition of world crops.

Dry pea and lentil area causes pulses and special crop area to drop

Statistics Canada estimates a 30% drop in pulses and special crops, mainly due to significant declines in dry pea and lentil area in the 2011/2012 crop year. Farmers are expected to seed less area to pulses and special crops and more towards grains and oilseeds. Record high levels of beginning inventories will likely result in only a 20% decline in the supply of pulses and special crops. Agriculture and Agri-Food Canada forecasts a marginal fall in domestic use due to improved crop quality and a sharp decrease in exports driven by lower expectations for dry pea exports. Total ending inventories are projected to drop by 24%. Given tight Canadian and world supplies, overall prices for pulses and special crops are forecasted to increase from the 2010/2011 level, and for some crops to historically high levels. Exchange rates and the condition of world crops, especially in the Indian subcontinent, Turkey and Australia are major factors that could affect this projection.

World wheat supplies projected to be higher, USDA reports

Global wheat supplies are expected to be 2.6 million metric tonnes higher mainly due to higher production in Kazakhstan and the EU-27. Latest government reports confirm that Kazakhstan had an extended harvest season in addition to a nearly ideal growing season. There has been higher reported production in the United Kingdom and Czech Republic. At the same time, there are small reductions for Argentina, Algeria and Ethiopia.

World wheat trade is expected to increase due to higher than expected imports from China, Brazil, a number of African countries, including Morocco and Algeria, and several FSU-12 countries neighbouring Kazakhstan. Partly offsetting this is a reduction in expected imports for South Korea where more corn feeding is expected. Exports are expected to grow for EU-27 and Russia given higher supplies in EU-27 and the continued heavy pace for shipment from Russia.

Global wheat consumption in 2011/2012 is forecast to rise 2.4 million metric tonnes as a result of higher levels of feeding for Kazakhstan, Brazil, and Serbia. Larger crops in Kazakhstan and Serbia support more wheat feeding. Recent rains in southern Brazil have reduced wheat quality in some areas increasing the potential for more feeding. Other countries expecting higher consumption are EU-27, Ethiopia, Kenya, and several smaller FSU-12 countries. Global ending inventories are forecasted to be 0.2 million metric tonnes higher.

Drops in US corn and EU-27 rye production slightly shrink coarse grain supplies

Global coarse grain (oats, barley, corn and rye) supplies for 2011/2012 are projected slightly lower with reductions in both US corn and EU-27 rye production more than offsetting higher Argentina sorghum production, higher EU-27 barley, oats production, and higher Kazakhstan barley production, according to the USDA. Many countries expect lower levels of corn production with Mexico representing the largest decline. In Mexico, production is lowered by 3.5 million metric tonnes because of a late start to the summer rainy season and an early September freeze in parts of the southern plateau corn belt reduced yields for Mexico's summer crop. Lower expected area for the winter crop, which will be planted in November and December, also reduces 2011/2012 corn production prospects.

Reduction in corn for Mexico, US and Serbia partly offset increases in 2011/2012 global corn production, as reported by the USDA. Corn production is raised 2.5 million tonnes for China with increases in both area and yields. EU-27 also expects higher levels of corn production, mostly from more output from France, Romania and Austria. Argentina is also forecasting higher than expected production with higher area.

Global coarse grain trade for 2011/2012 is forecasted to be higher with increased world imports and exports of barley and corn. Barley import forecasts are increased for Algeria, Saudi Arabia, and Jordan with export forecasts raised for EU-27 and Russia. Higher expected corn exports from Argentina and EU-27 support increases of corn import for China, Mexico and South Korea.

USDA forecasts global oilseeds to increase

Global oilseed production for 2011/2012 is projected at 454.8 million metric tonnes, up 1.3 million metric tonnes from the previous month. Global soybean production accounts for a quarter of the increases with larger crops projected for Brazil, Paraguay, and Mexico. Brazil soybean production is increased 1.5 million metric tonnes to 75 million with improved yield prospects related to rapid planting progress and good early season moisture throughout the country. These gains hold in the face of lower production expected for Argentina due to reduced area as producers shift to corn. Global sunflower seed production is forecasted to increase due to larger crops in Ukraine, EU-27, and Argentina.

Global oilseed trade is estimated at 113.3 million metric tonnes, down 0.8 million metric tonnes. Increases for Brazil and Paraguay were not sufficient enough to counteract reductions in soybean exports for the United States and Argentina.

There are expectations of lower soybean imports for Japan and Russia. Global oilseed crush is forecast to decline. Global ending inventories for 2011/2012 are forecast to be 73.9 million metric tonnes, with soybeans representing most of the change with increased stocks for the United States and China more than offsetting lower stocks in Argentina and Japan.

Text table 1

Harmonized system commodity codes, selected grains and products

	H.S.code imports	H.S.code exports
Barley	1003.00.11.00	1003.00.10
Barley	1003.00.12.00	1003.00.90
Barley	1003.00.91.10	
Barley	1003.00.91.90	
Barley	1003.00.92.10	
Barley	1003.00.92.90	
Barley, rolled or flaked	1104.19.21.00	1104.19.10
Barley, rolled or flaked	1104.19.22.00	
Barley, worked (hulled, pearled, etc)	1104.29.21.00	1104.29.10
Barley, worked (hulled, pearled, etc)	1104.29.22.00	
Beans	0713.31.10.10	0713.31.10
Beans	0713.31.10.90	0713.31.90
Beans	0713.31.90.00	0713.32.10
Beans	0713.32.00.10	0713.32.90
Beans	0713.32.00.90	0713.33.11
Beans	0713.33.10.10	0713.33.19
Beans	0713.33.10.90	0713.33.91
Beans	0713.33.91.10	0713.33.92
Beans	0713.33.91.20	0713.33.93
Beans	0713.33.99.10	0713.33.99
Beans	0713.33.99.90	0713.39.10
Beans	0713.39.10.00	0713.39.91
Beans	0713.39.90.10	0713.39.92
Beans	0713.39.90.90	0713.39.93
Beans	0713.50.10.00	0713.39.99
Beans	0713.50.90.10	0713.50.10
Beans	0713.50.90.90	0713.50.90
Beans (leguminous vegetable)	0713.90.90.10	0713.90.10
Beans (leguminous vegetable)	0713.90.90.90	0713.90.90
Buckwheat	1008.10.00.10	1008.10.00
Buckwheat	1008.10.00.90	
Buckwheat groats	1103.19.90.10	
Canary seed	1008.30.00.10	1008.30.00
Canary seed	1008.30.00.20	
Canola	1205.10.00.10	1205.10.10
Canola	1205.10.00.20	1205.10.20
Canola	1205.10.00.90	1205.10.90
Canola	1205.90.00.10	1205.90.10
Canola	1205.90.00.20	1205.90.20
Canola	1250.90.00.90	1205.90.90
Canola meal	2306.41.00.00	2306.41.00
Canola meal	2306.49.00.00	2306.49.00
Canola oil	1514.11.00.00	1514.11.00
Canola oil	1514.19.00.00	1514.19.00
Canola oil	1514.91.00.00	1514.91.10
Canola oil	1514.99.00.00	1514.99.10
Chickpeas	0713.20.00.10	0713.20.10
Chickpeas	0713.20.00.20	0713.20.91
Chickpeas	0713.20.00.91	0713.20.99
Chickpeas	0713.20.00.92	
Corn flour	1102.20.00.00	1102.20.00
Corn meal and groats	1103.13.00.10	1103.13.00
Corn meal and groats	1103.13.00.20	
Corn meal and groats	1103.13.00.90	
Corn	0712.90.10.30	
Corn	1005.10.00.10	1005.10.10
Corn	1005.10.00.90	1005.10.90
Corn	1005.90.00.11	1005.90.00
Corn	1005.90.00.12	
Corn	1005.90.00.13	
Corn	1005.90.00.14	
Corn	1005.90.00.19	
Corn	1005.90.00.91	
Corn	1005.90.00.99	
Durum semolina		1101.00.20
Durum wheat	1001.10.10.10	1001.10.00
Durum wheat	1001.10.10.90	
Durum wheat	1001.10.20.90	
Flaxseed (linseed)	1204.00.00.00	1204.00.10
Flaxseed (linseed)		1204.00.20

See notes at the end of the table.

Text table 1 – continued

Harmonized system commodity codes, selected grains and products

	H.S.code imports	H.S.code exports
Flaxseed (linseed)		1204.00.90
Lentils	0713.40.00.10	0713.40.10
Lentils	0713.40.00.20	0713.40.91
Lentils	0713.40.00.91	0713.40.92
Lentils	0713.40.00.92	0713.40.99
Lentils	0713.40.00.93	
Lentils	0713.40.00.99	
Linseed meal	2306.20.00.00	2306.20.00
Linseed oil	1515.11.00.00	1515.11.00
Linseed oil	1515.19.00.00	1515.19.00
Malt	1107.10.11.00	1107.10.00
Malt	1107.10.12.00	1107.20.00
Malt	1107.10.91.00	
Malt	1107.10.92.00	
Malt	1107.20.11.00	
Malt	1107.20.12.00	
Malt	1107.20.91.00	
Malt	1107.20.92.00	
Mustard seed	1207.50.00.00	1207.50.00
Oat groats and meal	1103.19.90.20	1103.19.10
Oats, rolled or flaked grains	1104.12.00.00	1104.12.00
Oats, worked (hulled, pearled, etc.)	1104.22.00.00	1104.22.00
Oats	1004.00.00.10	1004.00.10
Oats	1004.00.00.90	1004.00.90
Peas	0713.10.10.00	0713.10.10
Peas	0713.10.90.10	0713.10.20
Peas	0713.10.90.20	0713.10.91
Peas	0713.10.90.30	0713.10.92
Peas	0713.10.90.91	0713.10.99
Peas	0713.10.90.92	
Peas	0713.10.90.93	
Peas	0713.10.90.94	
Peas	0713.10.90.99	
Rye	1002.00.00.00	1002.00.10
Rye		1002.00.90
Rye flour	1102.10.00.00	1102.10.00
Soybean flour	1208.10.10.00	1208.10.00
Soybean meal	1208.10.20.00	
Soybean meal	2304.00.00.00	2304.00.00
Soybean oil	1507.10.00.00	1507.10.00
Soybean oil	1507.90.10.00	1507.90.00
Soybean oil	1507.90.90.00	
Soybeans	1201.00.00.10	1201.00.10
Soybeans	1201.00.00.20	1201.00.20
Soybeans	1201.00.00.90	1201.00.90
Sunflower seed	1206.00.00.10	1206.00.10
Sunflower seed	1206.00.00.20	1206.00.20
Sunflower seed	1206.00.00.31	1206.00.90
Sunflower seed	1206.00.00.32	
Sunflower seed	1206.00.00.90	
Sunflower seed meal	2306.30.00.00	2306.30.00
Sunflower seed oil	1512.11.00.10	1512.11.00 [1]
Sunflower seed oil	1512.19.10.00	1512.19.00 [1]
Wheat (ex. durum)	1004.90.10.20	1001.90.00
Wheat (ex. durum)	1001.90.10.91	
Wheat (ex. durum)	1001.90.10.99	
Wheat bran, sharps, middlings	2302.30.10.00	2302.30.10
Wheat flour	1101.00.10.00	1101.00.10
Wheat flour	1101.00.20.00	1101.00.30
Wheat flour		1101.00.90
Wheat groats and meal	1103.11.10.00	1103.11.00
Wheat groats and meal	1103.11.20.00	
Wheat pellets	1103.20.11.00	1103.21.00
Wheat pellets	1103.20.12.00	
Wheat sharps, middlings	2302.30.20.00	2302.30.90

1. Includes safflower oil.
Source(s): Statistics Canada, International Trade Division

Text table 2
Classes of the major grains, Canada

Crop	Abbreviation	Class
Barley	CW	Canada Western Malting, Two-row or Six-row
Barley	CW	Canada Western Hulless, Two-row or Six-row
Barley	CW	Canada Western General Purpose
Barley	CW EXPRMTL	Canada Western Experimental
Barley	CE	Canada Eastern Malting, Two-row or Six-row
Barley	CE	Canada Eastern Hulless, Two-row or Six-row
Barley	CE	Canada Eastern General Purpose
Canola	CAN	Canada
Corn	CW	Canada Western Yellow, White or Mixed
Corn	CE	Canada Eastern Yellow, White or Mixed
Durum wheat	CEAD	Canada Eastern Amber Durum
Durum wheat	CWAD	Canada Western Amber Durum
Flaxseed	CW	Canada Western
Flaxseed	CE	Canada Eastern
Oats	CW	Canada Western
Oats	CE	Canada Eastern
Peas	CAN	Canada Green
Peas	CAN	Canada, other than Green
Peas	CAN	Canada Feed
Rapeseed	CAN	Canada
Solin	CW	Canada Western
Soybeans	CAN	Canada Yellow, Green, Brown, Black or Mixed
Wheat	CWRS	Canada Western Red Spring
Wheat	CWRW	Canada Western Red Winter
Wheat	CWES	Canada Western Extra Strong
Wheat	CPSR	Canada Prairie Spring Red
Wheat	CPSW	Canada Prairie Spring White
Wheat	CWSWS	Canada Western Soft White Spring
Wheat	CWHWS	Canada Western Hard White Spring
Wheat	CW FEED	Canada Western Feed
Wheat	CE FEED	Canada Eastern Feed
Wheat	CW EXPRMTL	Canada Western Experimental
Wheat	CWGP	Canada Western General Purpose
Wheat	CER	Canada Eastern Red
Wheat	CEHRW	Canada Eastern Hard Red Winter
Wheat	CESRW	Canada Eastern Soft Red Winter
Wheat	CEWW	Canada Eastern White Winter
Wheat	CEHWS	Canada Eastern Hard White Spring
Wheat	CESWS	Canada Eastern Soft White Spring
Wheat	CERS	Canada Eastern Red Spring

Source(s): Canadian Grain Commission.

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
22-002-X	Crop Reporting Series
22-003-X	Fruit and Vegetable Production
22-008-X	Canadian Potato Production
22-201-X	Grain Trade of Canada
22-202-X	Greenhouse, Sod and Nursery Industries
23-221-X	Production and Value of Honey and Maple Products
23-502-X	Alternative Livestock on Canadian Farms
32-230-X	Food Consumption in Canada. Part II
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

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001-0018	Estimated areas, yield, production, average farm price and total farm value of selected principal field crops: sugar beets, tame hay and fodder corn, in imperial units, annual

001-0019	Estimated area, yield, production, average farm price and total farm value of selected major speciality field crops, in imperial units, annual
001-0020	Estimated area, yield, production, average farm price and total farm value of selected principal field crops: dry beans (white and coloured), in imperial units, annual
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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
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3401	Field Crop Reporting Series
3403	Miller's Monthly Report
3404	Reports of Crushing Operations
3443	Miller's Annual Report
3464	Survey of Commercial Stocks of Corn and Soybeans
3476	Survey of Commercial Stocks of the Major Special Crops
5046	Feed Grain Purchases

Selected summary tables from Statistics Canada

- *Field and specialty crops*
- *Food available, by major food groups*

Statistical tables

Table 1
Supply and disposition of wheat, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 [r]	August to October 2010/2011 [r]	August to October 2011/2012 [p]
All wheat					
Area harvested					
Thousands of hectares	9,478	9,638	8,269	8,269	8,544
Thousands of acres	23,422	23,817	20,434	20,434	21,112
Yield					
Kilograms per hectare	2,660	2,800	2,800	2,800	3,000
Bushels per acre	39.6	41.4	41.7	41.7	44.0
			thousands of metric tonnes		
Beginning stocks					
On farms	2,335	1,783	3,327	3,327	2,701
In commercial positions	4,753	4,764	4,502	4,502	4,488
Total beginning stocks	**7,088**	**6,547**	**7,829**	**7,829**	**7,189**
Production	25,305	26,848	23,167	23,167	25,261
Imports	44	117	68	7	19
Total supplies	**32,436**	**33,512**	**31,064**	**31,003**	**32,470**
Exports					
Grain	17,361	18,255	15,973	4,133	4,263
Products	254	226	218	62	70
Total exports	**17,614**	**18,481**	**16,192**	**4,194**	**4,333**
Domestic disappearance					
Human food	2,877	2,831	2,726	..	..
Industrial use	472	729	813	..	..
Seed requirements	938	843	862	..	..
Loss in handling	36	32	34	..	..
Animal feed, waste and dockage	3,431	2,768	3,249	..	..
Total domestic disappearance	**7,753**	**7,202**	**7,683**	**..**	**..**
Ending stocks	**7,069**	**7,829**	**7,189**	**..**	**..**
Total disposition	**32,436**	**33,512**	**31,064**	**..**	**..**

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 [r]	August to October 2010/2011 [r]	August to October 2011/2012 [p]
Durum wheat					
Area harvested					
Thousands of hectares	2,074	2,230	1,244	1,244	1,590
Thousands of acres	5,124	5,510	3,075	3,075	3,930
Yield					
Kilograms per hectare	2,280	2,400	2,400	2,400	2,600
Bushels per acre	34.0	36.0	36.1	36.1	39.0
			thousands of metric tonnes		
Beginning stocks					
On farms	746	735	2,000	2,000	700
In commercial positions	1,202	1,168	708	708	883
Total beginning stocks	**1,948**	**1,903**	**2,708**	**2,708**	**1,583**
Production	4,772	5,400	3,025	3,025	4,172
Imports	2	2	37	1	11
Total supplies	**6,722**	**7,305**	**5,769**	**5,733**	**5,766**
Exports					
Grain	3,835	3,786	3,274	1,075	795
Products	42	34	30	9	8
Total exports	**3,877**	**3,820**	**3,304**	**1,084**	**803**
Domestic disappearance					
Human food	246	261	254	..	..
Seed requirements	181	121	154	..	..
Loss in handling	3	4	4	..	..
Animal feed, waste and dockage	424	392	471	..	..
Total domestic disappearance	**853**	**778**	**882**	**..**	**..**
Ending stocks	**1,992**	**2,708**	**1,583**	**..**	**..**
Total disposition	**6,722**	**7,305**	**5,769**	**..**	**..**

Table 2
Farm supply and disposition of wheat, Prairie provinces, by crop year

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 r	August to October 2010/2011 r	August to October 2011/2012 p
All wheat					
Area harvested					
Thousands of hectares	8,947	9,118	7,802	7,802	7,983
Thousands of acres	22,108	22,530	19,280	19,280	19,727
Yield					
Kilograms per hectare	2,560	2,700	2,700	2,700	2,800
Bushels per acre	37.9	40.1	40.0	40.0	42.1
	thousands of metric tonnes				
Opening stocks					
On farms	2,266	1,640	3,225	3,225	2,590
Production	22,899	24,579	20,998	20,998	22,626
Total supplies	**25,165**	**26,219**	**24,223**	**24,223**	**25,216**
Deliveries	20,056	20,856	19,004	3,693	4,462
Seed requirements	854	769	763	..	..
Animal feed, waste and dockage	1,952	1,369	1,866	..	..
Ending stocks	**2,303**	**3,225**	**2,590**	**..**	**..**
Total disposition	**25,165**	**26,219**	**24,223**	**..**	**..**

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 r	August to October 2010/2011 r	August to October 2011/2012 p
Durum wheat					
Area harvested					
Thousands of hectares	2,074	2,230	1,244	1,244	1,590
Thousands of acres	5,124	5,510	3,075	3,075	3,930
Yield					
Kilograms per hectare	2,280	2,400	2,400	2,400	2,600
Bushels per acre	34.0	36.0	36.1	36.1	39.0
	thousands of metric tonnes				
Opening stocks					
On farms	746	735	2,000	2,000	700
Production	4,772	5,400	3,025	3,025	4,172
Total supplies	**5,518**	**6,135**	**5,025**	**5,025**	**4,872**
Deliveries	4,023	3,741	3,998	1,004	984
Seed requirements	181	121	155	..	..
Animal feed, waste and dockage	370	273	172	..	..
Ending stocks	**945**	**2,000**	**700**	**..**	**..**
Total disposition	**5,518**	**6,135**	**5,025**	**..**	**..**

Table 3
Wheat milled in Canada, crop year 2011/2012

	Red spring wheat	Amber durum wheat	Other western wheat	Ontario winter wheat	Other eastern wheat	Total wheat
	thousands of metric tonnes					
2011						
August	185	24	8	34	7	259
September	177	23	4	39	9	252
October	168	23	5	39	11	246
November	..	..	..	..	..	0
December	..	..	..	..	..	0
2012						
January	..	..	..	..	..	0
February	..	..	..	..	..	0
March	..	..	..	..	..	0
April	..	..	..	..	..	0
May	..	..	..	..	..	0
June	..	..	..	..	..	0
July	..	..	..	..	..	0
Total 2011/2012 p	**530**	**70**	**17**	**112**	**27**	**757**
Total 2010/2011 r	**2,018**	**283**	**60**	**434**	**111**	**2,906**
Total 2009/2010	**2,061**	**294**	**101**	**451**	**111**	**3,017**
Total 2008/2009	**1,969**	**273**	**81**	**451**	**122**	**2,898**
Five year average 2005/2006 to 2009/2010	**2,096**	**287**	**77**	**463**	**168**	**3,090**

Table 4
Wheat flour produced in Canada, crop year 2011/2012

	Flour of no.1 spring wheat and semolina [1]	Flour of no.2 spring wheat [1]	Whole wheat and graham flour	Soft wheat flour	Durum wheat flour	Total flour [2]	Millfeeds [3]
	thousands of metric tonnes						
2011							
August	22	113	15	21	19	196	60
September	22	110	14	24	19	193	61
October	22	104	14	24	18	185	58
November	..	..	..	..	..	..	..
December	..	..	..	..	..	..	..
2012							
January	..	..	..	..	..	..	..
February	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..
May	..	..	..	..	..	..	..
June	..	..	..	..	..	..	..
July	..	..	..	..	..	..	..
Total 2011/2012 p	**66**	**326**	**43**	**69**	**56**	**574**	**179**
Total 2010/2011 r	**261**	**1,217**	**165**	**288**	**225**	**2,212**	**657**
Total 2009/2010	**267**	**1,255**	**172**	**309**	**235**	**2,310**	**725**
Total 2008/2009	**230**	**1,202**	**188**	**297**	**214**	**2,203**	**707**
Five year average 2005/2006 to 2009/2010	**334**	**1,220**	**192**	**309**	**222**	**2,343**	**757**

1. Number 1 and number 2 represent the grade and quality of the grain.
2. Includes flour that is not specified.
3. Millfeeds are the by-products of the milling process used mainly for animal feed.

Table 5
Deliveries of wheat

	Total			August to October			October [p]
	2008/2009	2009/2010	2010/2011 [r]	2009/2010	2010/2011 [r]	2011/2012 [p]	2011
	thousands of metric tonnes						
Manitoba							
Wheat [1]	3,805	3,889	3,050	967	717	588	192
Durum wheat	0	0	0	0	0	0	0
Total	**3,805**	**3,889**	**3,050**	**967**	**717**	**588**	**192**
Saskatchewan							
Wheat [1]	6,684	7,550	6,154	1,758	1,133	1,693	561
Durum wheat	3,499	3,092	3,422	734	841	824	361
Total	**10,183**	**10,642**	**9,576**	**2,491**	**1,975**	**2,517**	**921**
Alberta							
Wheat [1]	6,813	5,676	5,802	1,190	838	1,197	449
Durum wheat	851	649	576	111	163	159	60
Total	**7,664**	**6,325**	**6,377**	**1,301**	**1,001**	**1,356**	**509**
Western Canada [2]							
Wheat [1]	17,338	17,177	15,044	3,942	2,707	3,494	1,212
Durum wheat	4,349	3,741	3,998	845	1,004	984	420
Total	**21,688**	**20,918**	**19,042**	**4,786**	**3,712**	**4,478**	**1,633**
Eastern Canada							
Wheat [1]	2,137	1,632	1,396	861	578	800	92
Durum wheat	0	0	0	0	0	0	0
Total	**2,137**	**1,632**	**1,396**	**861**	**578**	**800**	**92**
Canada							
Wheat [1]	19,475	18,809	16,440	4,802	3,285	4,294	1,305
Durum wheat	4,349	3,741	3,998	845	1,004	984	420
Total	**23,824**	**22,550**	**20,438**	**5,647**	**4,290**	**5,278**	**1,725**

1. Excluding Durum.
2. Includes British Columbia.

Note(s): Deliveries are as reported by the Canadian Grain Commission (with any adjustments prorated monthly) plus estimates for unlicensed deliveries. Includes deliveries to condominium storage as of August, 2003. Negative deliveries may indicate that farmers removed more grain from condominium storage than they delivered.

Table 6
Exports of wheat, durum and wheat flour, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p]
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	2011
	thousands of metric tonnes					
Wheat (excluding durum)						
United Kingdom	413.2	342.3	283.7	79.5	82.0	30.1
Italy	273.0	231.1	238.1	52.1	93.2	37.9
Spain	92.8	101.2	50.3	20.5	0.0	0.0
Western Europe total [1]	**853.6**	**742.1**	**650.3**	**208.0**	**179.8**	**68.0**
Eastern Europe total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
United Arab Emirates	220.1	307.0	196.0	11.3	63.2	29.7
Egypt	341.2	0.0	405.0	126.0	0.0	0.0
Iraq	695.8	1,180.2	51.3	51.3	0.0	0.0
Saudi Arabia	284.8	619.4	445.5	57.8	173.3	57.8
Sudan	382.0	366.6	345.3	72.0	134.3	65.8
Middle East total [1]	**2,294.3**	**2,473.2**	**1,500.8**	**318.4**	**370.7**	**153.2**
West Africa	290.8	471.6	416.1	88.6	119.2	29.6
Africa total [1]	**743.6**	**844.0**	**715.2**	**260.9**	**310.4**	**125.6**
Bangladesh	464.3	975.0	892.6	264.9	49.5	0.0
India	273.1	0.0	0.0	0.0	0.0	0.0
Indonesia	1,095.3	761.9	861.0	239.1	181.7	74.8
Japan	912.7	880.3	974.2	132.1	239.7	49.4
Malaysia	176.3	97.6	48.2	33.6	46.8	23.6
People's Republic of China	110.5	311.4	173.3	57.8	0.0	0.0
Philippines	277.5	424.7	246.1	97.0	22.6	0.0
Korea, South	214.1	169.3	1,336.9	22.8	49.4	22.6
Sri Lanka	848.6	876.9	758.1	133.8	135.5	74.1
Taiwan	16.1	42.1	2.3	0.0	0.5	0.0
Thailand	172.9	256.6	298.0	0.0	12.3	0.0
Asia total [1]	**4,842.8**	**4,797.7**	**5,634.4**	**981.0**	**738.0**	**244.4**
Oceania total [1]	**17.8**	**3.1**	**1.0**	**0.5**	**0.0**	**0.0**
Brazil	247.0	363.6	194.4	117.9	0.0	0.0
Colombia	367.0	491.9	386.6	107.7	228.8	36.7
Ecuador	268.4	351.8	396.2	119.7	92.4	17.8
Peru	444.2	673.5	464.8	71.3	112.8	27.0
Venezuela	384.6	597.3	462.0	107.2	208.6	36.5
South America total [1]	**1,919.2**	**2,693.7**	**2,146.3**	**566.3**	**697.2**	**126.2**
Mexico	845.2	874.2	537.0	263.3	564.2	279.2
Central America and Antilles total [1]	**1,205.2**	**1,242.6**	**742.0**	**348.4**	**666.1**	**294.7**
United States	1,649.1	1,672.9	1,309.3	374.0	506.0	239.2
North America total [1]	**1,649.1**	**1,672.9**	**1,309.3**	**374.0**	**506.0**	**239.2**
Wheat exports total	**13,525.6**	**14,469.4**	**12,699.4**	**3,057.4**	**3,468.2**	**1,251.3**
Durum wheat						
Belgium	219.7	123.5	190.5	106.1	40.7	0.0
Italy	514.0	556.4	829.9	356.6	300.3	0.0
Western Europe total [1]	**906.3**	**835.5**	**1,120.6**	**472.3**	**369.4**	**18.1**
Eastern Europe total [1]	**2.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Middle East total [1]	**81.0**	**33.8**	**39.3**	**11.5**	**0.0**	**0.0**
Algeria	584.8	510.1	142.1	82.3	0.0	0.0
Morocco	539.1	471.0	597.6	175.2	0.0	0.0
Tunisia	129.1	122.7	41.7	0.0	54.7	54.7
Africa total [1]	**1,257.7**	**1,103.8**	**781.3**	**257.4**	**54.7**	**54.7**
Japan	216.0	214.2	245.3	64.2	61.4	35.9
Sri Lanka	34.6	41.2	49.4	10.3	10.3	0.0
Asia total [1]	**530.4**	**866.4**	**518.3**	**108.3**	**116.9**	**35.9**
Oceania total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Venezuela	350.3	329.5	273.3	80.1	96.5	11.0
South America total [1]	**472.9**	**420.9**	**400.7**	**123.5**	**124.2**	**19.5**
Central America and Antilles total [1]	**40.9**	**5.1**	**24.4**	**0.6**	**45.8**	**23.6**
North America total [1]	**543.3**	**520.5**	**389.3**	**101.4**	**84.1**	**46.5**
Durum wheat exports, total	**3,834.9**	**3,785.9**	**3,273.9**	**1,075.1**	**795.1**	**198.3**
All wheat						
Total exports	**17,360.5**	**18,255.3**	**15,973.2**	**4,132.5**	**4,263.3**	**1,449.6**

See notes at the end of the table.

Table 6 – continued

Exports of wheat, durum and wheat flour, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p]
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	2011
	thousands of metric tonnes					
Wheat flour [2]						
Western Europe total [1]	**1.8**	**1.8**	**1.6**	**0.5**	**0.4**	**0.2**
Eastern Europe total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Lebanon	0.2	0.2	0.3	0.1	0.1	0.0
Jordan	0.3	0.1	0.1	0.0	0.0	0.0
Middle East total [1]	**0.7**	**0.3**	**0.4**	**0.1**	**0.1**	**0.0**
Africa total [1]	**0.2**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**
Hong Kong	6.6	3.6	2.2	0.7	0.4	0.1
Japan	1.3	0.8	0.9	0.1	0.3	0.1
People's Republic of China	0.4	0.2	0.9	0.1	0.6	0.2
Korea, South	37.7	46.0	14.1	5.9	19.9	0.3
Asia total [1]	**47.0**	**50.7**	**18.3**	**6.8**	**21.1**	**0.7**
Oceania total [1]	**0.8**	**0.9**	**1.1**	**0.4**	**0.2**	**0.1**
South America total [1]	**1.4**	**0.0**	**0.5**	**0.0**	**0.0**	**0.0**
Bahamas	4.8	4.1	4.1	1.0	0.9	0.3
Bermuda	1.7	1.4	1.6	0.4	0.4	0.2
Central America and Antilles total [1]	**9.4**	**7.8**	**8.2**	**2.1**	**2.0**	**0.8**
North America total [1]	**192.2**	**164.2**	**188.3**	**51.8**	**45.9**	**16.5**
Wheat flour exports total	**253.6**	**225.9**	**218.3**	**61.6**	**69.8**	**18.3**
All wheat and wheat flour						
United Kingdom	415.7	342.3	283.7	79.5	82.0	30.1
Italy	787.0	787.6	1,068.1	408.7	393.5	37.9
Western Europe total [1]	**1,761.6**	**1,579.5**	**1,772.5**	**680.9**	**549.6**	**86.3**
Eastern Europe total [1]	**2.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Middle East total [1]	**2,376.1**	**2,507.3**	**1,540.5**	**330.0**	**370.8**	**153.3**
Algeria	584.8	510.1	142.1	82.3	0.0	0.0
Africa total [1]	**2,001.5**	**1,947.8**	**1,496.6**	**518.3**	**365.1**	**180.3**
People's Republic of China	110.9	311.6	174.2	57.8	0.6	0.2
Asia total [1]	**5,420.2**	**5,714.7**	**6,171.0**	**1,096.1**	**876.0**	**281.0**
Oceania total [1]	**18.7**	**4.0**	**2.0**	**0.9**	**0.2**	**0.1**
Brazil	248.4	363.6	194.4	117.9	0.0	0.0
South America total [1]	**2,393.5**	**3,114.6**	**2,547.5**	**689.8**	**821.4**	**145.8**
Cuba	162.4	184.8	164.4	53.9	76.8	0.0
Central America and Antilles total [1]	**1,255.5**	**1,255.5**	**774.5**	**351.0**	**713.9**	**319.1**
North America total [1]	**2,384.6**	**2,357.7**	**1,886.9**	**527.2**	**636.0**	**302.2**
All wheat and wheat flour exports, total	**17,614.1**	**18,481.2**	**16,191.6**	**4,194.1**	**4,333.1**	**1,467.9**
Millfeeds						
Total millfeeds produced	757	725	657	175	179	58
Millfeeds exported	67	84	12	2	2	1

1. Exports to individual countries are included in the continental totals.
2. Includes durum semolina and flour, white winter wheat flour and wheat flour, n.e.s. (in grain equivalent = 1.358467).

Source(s): Statistics Canada, International Trade Division and Canadian Grain Commission.

Table 7
Supply and disposition of coarse grains, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total		August to October	
		2009/2010	2010/2011 r	2010/2011 r	2011/2012 p
Oats					
Area harvested					
Thousands of hectares	1,411	980	906	906	1,030
Thousands of acres	3,486	2,423	2,239	2,239	2,544
Yield					
Kilograms per hectare	2,720	3,000	2,700	2,700	2,900
Bushels per acre	71.3	77.8	71.8	71.8	76.4
	thousands of metric tonnes				
Beginning stocks					
On farms	800	1,298	905	905	568
In commercial positions	175	229	265	265	201
Total beginning stocks	**976**	**1,527**	**1,170**	**1,170**	**769**
Production	3,802	2,906	2,480	2,480	2,997
Imports	18	17	25	13	8
Total supplies	**4,796**	**4,450**	**3,674**	**3,662**	**3,774**
Exports					
Grain [2]	1,757	1,502	1,337	458	616
Products	540	574	598	156	168
Total exports	**2,297**	**2,075**	**1,935**	**614**	**784**
Domestic disappearance					
Human food	74	60	45	..	..
Industrial use	0	..	..	..	..
Seed requirements	146	104	103	..	..
Loss in handling	1	1	1	..	..
Animal feed, waste and dockage	1,263	1,041	821	..	..
Total domestic disappearance	**1,484**	**1,205**	**970**	**..**	**..**
Ending stocks	**1,015**	**1,170**	**769**	**..**	**..**
Total disposition	**4,796**	**4,450**	**3,674**	**..**	**..**

See notes at the end of the table.

Table 7 – continued

Supply and disposition of coarse grains, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total		August to October	
		2009/2010	2010/2011 r	2010/2011 r	2011/2012 p
Barley					
Area harvested					
Thousands of hectares	3,455	2,918	2,387	2,387	2,365
Thousands of acres	8,537	7,210	5,899	5,899	5,844
Yield					
Kilograms per hectare	3,120	3,300	3,200	3,200	3,300
Bushels per acre	57.8	60.6	59.2	59.2	61.0
	thousands of metric tonnes				
Beginning stocks					
On farms	2,087	2,206	1,998	1,998	1,146
In commercial positions	439	637	585	585	295
Total beginning stocks	**2,525**	**2,843**	**2,583**	**2,583**	**1,441**
Production	10,707	9,517	7,605	7,605	7,756
Imports	46	42	43	7	37
Total supplies	**13,278**	**12,402**	**10,231**	**10,196**	**9,234**
Exports					
Grain	1,841	1,337	1,247	333	214
Products	852	812	767	187	181
Total exports	**2,693**	**2,149**	**2,014**	**519**	**396**
Domestic disappearance					
Human food	16	15	10	..	..
Industrial use	147	126	126	..	..
Seed requirements	318	246	233	..	..
Loss in handling	2	0	0	..	..
Animal feed, waste and dockage	7,749	7,283	6,408	..	..
Total domestic disappearance	**8,231**	**7,670**	**6,777**	**..**	**..**
Ending stocks	**2,355**	**2,583**	**1,441**	**..**	**..**
Total disposition	**13,278**	**12,402**	**10,231**	**..**	**..**

See notes at the end of the table.

Table 7 – continued

Supply and disposition of coarse grains, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 [r]	August to October 2010/2011 [r]	August to October 2011/2012 [p]
Rye					
Area harvested					
Thousands of hectares	132	115	95	95	79
Thousands of acres	327	285	235	235	195
Yield					
Kilograms per hectare	2,340	2,400	2,400	2,400	2,500
Bushels per acre	37.5	38.7	38.9	38.9	39.3
	thousands of metric tonnes				
Beginning stocks					
On farms	91	110	125	125	15
In commercial positions	11	13	14	14	26
Total beginning stocks	**102**	**123**	**139**	**139**	**41**
Production	336	281	232	232	195
Imports	1	1	0	0	0
Total supplies	**439**	**404**	**372**	**372**	**236**
Exports					
Grain [2]	147	124	190	50	81
Products	2	4	3	1	1
Total exports	**149**	**128**	**192**	**51**	**82**
Domestic disappearance					
Human food	15	13	15	..	..
Industrial use	31	27	26	..	..
Seed requirements	16	10	10	..	..
Loss in handling	0	0	0	..	..
Animal feed, waste and dockage	108	86	88	..	..
Total domestic disappearance	**169**	**136**	**139**	**..**	**..**
Ending stocks	**121**	**139**	**41**	**..**	**..**
Total disposition	**439**	**404**	**372**	**..**	**..**

See notes at the end of the table.

Table 7 – continued

Supply and disposition of coarse grains, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total		September to October	
		2009/2010	2010/2011 r	2010/2011 r	2011/2012 p
Corn [1]					
Area harvested					
Thousands of hectares	1,165	1,142	1,203	1,203	1,202
Thousands of acres	2,879	2,822	2,972	2,972	2,970
Yield					
Kilograms per hectare	8,620	8,400	9,700	9,700	8,900
Bushels per acre	137.1	133.4	155.2	155.2	141.7
	thousands of metric tonnes				
Beginning stocks on farms					
Québec	489	435	400	400	300
Ontario	738	840	850	850	500
Other provinces	33	125	25	25	0
Total on farms	**1,260**	**1,400**	**1,275**	**1,275**	**800**
In commercial positions	**426**	**433**	**483**	**483**	**478**
Total beginning stocks	**1,686**	**1,833**	**1,758**	**1,758**	**1,278**
Production					
Québec	3,204	2,720	3,410	3,410	2,930
Ontario	6,371	6,376	7,747	7,747	7,239
Other Provinces	450	466	557	557	416
Total production	**10,025**	**9,561**	**11,715**	**11,715**	**10,689**
Imports					
Québec	281	584	136	32	45
Ontario	875	747	518	36	160
Other Provinces	1,077	795	579	136	806
Total imports [2]	**2,233**	**2,125**	**1,233**	**204**	**1,011**
Total supplies	**13,944**	**13,519**	**14,705**	**13,676**	**12,977**
Grain exports	**378**	**120**	**1,688**	**155**	**24**
Domestic disappearance					
Human food and industrial use	3,509	4,595	4,750	..	..
Seed requirements	13	13	13	..	..
Animal feed, waste and dockage	8,366	7,034	6,977	..	..
Total domestic disappearance	**11,889**	**11,642**	**11,739**	**..**	**..**
Ending stocks					
On farms	1,241	1,275	800	..	..
In commercial positions	436	483	478	..	..
Total ending stocks	**1,677**	**1,758**	**1,278**	**..**	**..**
Total disposition	**13,944**	**13,519**	**14,705**	**..**	**..**

1. September to August crop year.
2. Includes seed.

Table 8
Farm supply and disposition of selected coarse grains, Prairie provinces

	Average 2005/2006 to 2009/2010	Total		August to October	
		2009/2010	2010/2011 r	2010/2011 r	2011/2012 p
Oats					
Area harvested					
Thousands of hectares	1,238	828	743	743	884
Thousands of acres	3,058	2,045	1,835	1,835	2,185
Yield					
Kilograms per hectare	2,760	3,100	2,800	2,800	3,000
Bushels per acre	72.5	80.7	73.3	73.3	78.3
	thousands of metric tonnes				
Opening stocks					
On farms	757	1,270	885	885	550
Production	3,384	2,545	2,074	2,074	2,637
Total supplies	**4,141**	**3,815**	**2,959**	**2,959**	**3,187**
Deliveries	2,467	2,515	1,943	583	852
Seed requirements	126	83	88	..	..
Animal feed, waste and dockage	770	331	378	..	..
Ending stocks	**779**	**885**	**550**	**..**	**..**
Total disposition	**4,141**	**3,815**	**2,959**	**..**	**..**

	Average 2005/2006 to 2009/2010	Total		August to October	
		2009/2010	2010/2011r	2010/2011r	2011/2012p
Barley					
Area harvested					
Thousands of hectares	3,215	2,709	2,179	2,179	2,191
Thousands of acres	7,945	6,695	5,385	5,385	5,415
Yield					
Kilograms per hectare	3,120	3,300	3,200	3,200	3,300
Bushels per acre	58.0	60.9	59.3	59.3	61.5
	thousands of metric tonnes				
Opening stocks					
On farms	1,971	2,130	1,925	1,925	1,080
Production	9,987	8,879	6,954	6,954	7,250
Total supplies	**11,958**	**11,009**	**8,879**	**8,879**	**8,330**
Deliveries	4,291	3,318	3,113	746	811
Seed requirements	287	217	205	..	..
Animal feed, waste and dockage	5,555	5,549	4,482	..	..
Ending stocks	**1,826**	**1,925**	**1,080**	**..**	**..**
Total disposition	**11,958**	**11,009**	**8,879**	**..**	**..**

Table 9
Deliveries of coarse grains

	Total			August to October			October [p]
	2008/2009	2009/2010	2010/2011 [r]	2009/2010	2010/2011 [r]	2011/2012 [p]	2011
	thousands of metric tonnes						
Manitoba							
Oats [1]	778	824	637	225	253	234	17
Barley	521	442	378	116	94	78	20
Rye [1]	62	74	61	30	25	29	4
Total	**1,360**	**1,341**	**1,075**	**371**	**372**	**341**	**41**
Saskatchewan							
Oats [1]	1,534	1,532	1,072	353	285	560	126
Barley	2,393	2,130	1,521	508	380	408	162
Rye [1]	33	57	114	18	32	35	5
Total	**3,959**	**3,718**	**2,707**	**878**	**697**	**1,004**	**293**
Alberta							
Oats [1]	155	159	235	31	45	58	10
Barley	1,474	746	1,214	193	272	326	158
Rye [1]	29	19	45	8	11	14	1
Total	**1,657**	**924**	**1,493**	**231**	**327**	**398**	**170**
Western Canada [2]							
Oats [1]	2,495	2,534	1,968	616	591	862	158
Barley	4,425	3,350	3,132	826	749	820	342
Rye [1]	123	150	219	55	69	80	10
Total	**7,043**	**6,034**	**5,319**	**1,497**	**1,409**	**1,762**	**510**
Eastern Canada							
Oats [1]	179	179	226	47	75	69	21
Barley	114	114	183	28	93	42	12
Rye [1]	0	0	0	0	0	0	0
Total	**292**	**293**	**409**	**76**	**169**	**111**	**33**
Canada							
Oats [1]	2,673	2,713	2,195	663	667	931	178
Barley	4,539	3,464	3,314	854	843	862	354
Rye [1]	123	150	219	55	69	80	10
Total	**7,335**	**6,327**	**5,728**	**1,573**	**1,578**	**1,873**	**543**

1. Includes unlicensed shipments to U.S. markets.
2. Includes British Columbia.

Note(s): Deliveries are as reported by the Canadian Grain Commission (with any adjustments prorated monthly) plus estimates for unlicensed deliveries. Includes deliveries to condominium storage as of August, 2003. Negative deliveries may indicate that farmers removed more grain from condominium storage than they delivered

Table 10
Exports of coarse grains, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	thousands of metric tonnes					
Oats [3]						
Norway	9.0	0.0	0.0	0.0	0.0	0.0
Western Europe total [1]	**9.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Eastern Europe total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
South Africa	2.7	0.0	0.0	0.0	0.0	0.0
Africa total [1]	**2.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Japan	3.9	1.0	8.0	0.0	2.3	0.0
Asia total [1]	**3.9**	**1.0**	**8.0**	**0.0**	**2.3**	**0.0**
Colombia	0.1	0.0	0.0	0.0	0.0	0.0
Ecuador	10.4	9.1	0.0	0.0	0.0	0.0
South America total [1]	**10.6**	**9.1**	**0.0**	**0.0**	**0.0**	**0.0**
Mexico	19.8	5.7	4.6	0.8	2.0	1.1
Central America and Antilles total [1]	**19.8**	**5.7**	**4.6**	**0.8**	**2.0**	**1.1**
United States	1,703.2	1,478.1	1,311.6	454.1	607.5	195.0
North America total [1]	**1,703.2**	**1,478.1**	**1,311.6**	**454.1**	**607.5**	**195.0**
Oat exports total	**1,749.1**	**1,493.8**	**1,324.3**	**454.9**	**611.8**	**196.1**
Barley						
Western Europe total [1]	**0.0**	**0.0**	**0.3**	**0.3**	**0.0**	**0.0**
Eastern Europe total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Iran	76.7	0.0	60.5	0.0	0.0	0.0
Saudi Arabia	443.6	99.0	357.2	59.0	118.3	118.3
Middle East total [1]	**520.3**	**99.0**	**435.8**	**59.0**	**118.3**	**118.3**
South Africa	48.0	36.8	32.3	0.0	31.5	31.5
Africa total [1]	**48.0**	**36.8**	**32.3**	**0.0**	**31.5**	**31.5**
People's Republic of China	415.5	500.4	122.9	68.1	0.0	0.0
Japan	266.2	185.4	466.5	107.4	33.8	0.0
Vietnam	9.1	6.5	6.0	0.0	0.0	0.0
Asia total [1]	**693.4**	**692.3**	**595.4**	**175.6**	**33.8**	**0.0**
Oceania total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Columbia	72.3	91.8	76.5	47.5	0.0	0.0
Ecuador	14.6	13.4	5.1	3.1	0.0	0.0
Peru	29.0	68.4	11.1	0.0	0.0	0.0
South America total [1]	**120.8**	**186.9**	**92.8**	**50.6**	**0.0**	**0.0**
Mexico	40.6	0.0	0.0	0.0	0.0	0.0
Central America and Antilles total [1]	**40.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
United States	417.4	322.4	90.4	47.0	30.9	9.4
North America total [1]	**417.4**	**322.4**	**90.4**	**47.0**	**30.9**	**9.4**
Barley exports total	**1,840.5**	**1,337.4**	**1,246.9**	**332.5**	**214.5**	**159.2**

See notes at the end of the table.

Table 10 – continued

Exports of coarse grains, by country of final destination

	Average 2005/2006 to 2009/2010	Total		September to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	thousands of metric tonnes					
Corn [2, 3]						
Western Europe total [1]	**6.7**	**3.3**	**488.7**	**4.5**	**0.0**	**0.0**
Eastern Europe total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Libya	5.9	0.0	129.3	0.0	0.0	0.0
Middle East total [1]	**153.8**	**0.0**	**352.8**	**12.0**	**0.0**	**0.0**
Algeria	24.6	0.0	25.4	25.4	0.0	0.0
Africa total [1]	**40.6**	**0.0**	**202.8**	**79.0**	**0.0**	**0.0**
Asia total [1]	**1.3**	**0.0**	**0.3**	**0.1**	**0.1**	**0.1**
South America total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Cuba	0.0	0.0	0.0	0.0	0.0	0.0
Central America and Antilles total [1]	**0.3**	**0.2**	**55.1**	**0.0**	**0.0**	**0.0**
North America total [1]	**175.4**	**116.1**	**588.5**	**59.6**	**24.1**	**12.1**
Corn exports total	**378.1**	**119.6**	**1,688.3**	**155.2**	**24.3**	**12.2**

	Average 2005/2006 to 2009/2010	Total		August to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	thousands of metric tonnes					
Rye						
Western Europe total [1]	**2.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
South America total [1]	**0.1**	**0.0**	**0.2**	**0.2**	**0.0**	**0.0**
Japan	33.8	36.8	49.2	0.0	27.0	0.0
Korea, South	3.8	1.7	2.4	1.0	1.1	0.0
Asia total [1]	**37.9**	**38.7**	**51.7**	**1.0**	**28.0**	**0.0**
Australia	0.1	0.0	0.0	0.0	0.0	0.0
Oceania total [1]	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**
Africa total [1]	**0.1**	**0.1**	**0.3**	**0.1**	**0.1**	**0.0**
North America total [1]	**106.3**	**85.4**	**137.3**	**48.9**	**52.9**	**15.1**
Rye exports total	**147.0**	**124.3**	**189.5**	**50.2**	**81.0**	**15.2**

1. Exports to individual countries are included in the continental totals.
2. September to August crop year.
3. Excludes seed.

Source(s): Statistics Canada, International Trade Division and Canadian Grain Commission.

Table 11
Exports of selected coarse grain products, Canada

	Average 2005/2006 to 2009/2010	Total		August to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	thousands of metric tonnes					
Malt						
Western Europe total [1]	**0.0**	**0.0**	**3.4**	**3.4**	**0.0**	**0.0**
Russia	0.0	0.0	0.0	0.0	0.0	0.0
Eastern Europe total [1]	**0.1**	**0.2**	**0.0**	**0.0**	**0.0**	**0.0**
Middle East total [1]	**2.1**	**5.0**	**0.0**	**0.0**	**0.0**	**0.0**
South Africa	32.2	45.8	36.5	1.8	5.6	0.3
Africa total [1]	**32.3**	**45.8**	**36.5**	**1.8**	**6.0**	**0.3**
People's Republic of China	1.7	0.0	0.0	0.0	0.0	0.0
Japan	168.5	153.4	155.5	36.2	28.4	9.7
Philippines	3.4	5.1	0.0	0.0	0.0	0.0
Korea, South	20.2	16.3	30.6	5.5	3.6	1.5
Vietnam	0.3	0.5	0.0	0.0	0.0	0.0
Asia total [1]	**197.3**	**175.4**	**186.2**	**41.7**	**32.1**	**11.3**
Oceania total [1]	**0.0**	**0.2**	**0.5**	**0.2**	**0.3**	**0.2**
Brazil	20.6	0.0	0.0	0.0	0.0	0.0
Ecuador	6.8	8.8	18.1	5.3	0.0	0.0
South America total [1]	**59.5**	**35.7**	**27.3**	**5.4**	**6.4**	**6.4**
Belize	1.5	1.5	1.7	0.4	0.4	0.2
Costa Rica	10.8	9.7	9.0	2.9	3.1	3.1
Guatemala	6.0	6.6	4.3	0.8	0.0	0.0
Mexico	26.9	5.0	10.3	4.5	0.9	0.9
Central America and Antilles total [1]	**69.3**	**51.0**	**38.2**	**11.4**	**7.5**	**7.2**
North America total [1]	**275.8**	**293.0**	**280.5**	**75.7**	**83.1**	**31.4**
Malt exports total	**636.3**	**606.4**	**572.6**	**139.6**	**135.3**	**56.7**
Oat products						
Western Europe total [1]	**0.2**	**0.1**	**0.2**	**0.0**	**0.2**	**0.0**
Eastern Europe total [1]	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Middle East total [1]	**0.4**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**
Africa total [1]	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**
Japan	0.7	1.9	0.3	0.1	0.1	0.1
Philippines	0.6	0.3	0.2	0.1	0.0	0.0
Asia total [1]	**2.2**	**2.9**	**1.4**	**0.3**	**0.6**	**0.4**
Australia	2.4	0.4	0.0	0.0	0.0	0.0
Oceania total [1]	**2.6**	**0.7**	**0.3**	**0.1**	**0.1**	**0.1**
Colombia	4.4	1.8	0.4	0.1	0.0	0.0
Venezuela	1.5	0.0	0.0	0.0	0.0	0.0
South America total [1]	**6.0**	**1.8**	**0.5**	**0.1**	**0.0**	**0.0**
Costa Rica	0.7	0.3	0.0	0.0	0.0	0.0
Dominican Republic	1.8	4.4	0.8	0.3	0.0	0.0
Guatemala	5.1	7.0	4.2	1.3	0.0	0.0
Jamaica	1.8	1.8	2.5	0.6	0.5	0.1
Mexico	16.8	18.2	21.0	5.8	9.8	3.1
Nicaragua	2.0	2.8	0.0	0.0	0.0	0.0
Central America and Antilles total [1]	**29.2**	**35.8**	**30.3**	**8.4**	**11.1**	**3.5**
United States	255.4	273.1	295.3	76.9	80.2	30.6
North America total [1]	**255.4**	**273.1**	**295.3**	**76.9**	**80.2**	**30.6**
Oat products exports total	**296.2**	**314.7**	**328.1**	**85.8**	**92.1**	**34.6**

1. Exports to individual countries are included in the continental totals.
Source(s): Canadian Grain Commission and Statistics Canada, International Trade Division.

Table 12
Supply and disposition of oilseeds, Canada, by crop year

	Average	Total		August to October	
	2005/2006 to 2009/2010	2009/2010	2010/2011 r	2010/2011 r	2011/2012 p
Flaxseed					
Area harvested					
Thousands of hectares	658	623	353	353	273
Thousands of acres	1,626	1,540	873	873	675
Yield					
Kilograms per hectare	1,360	1,500	1,200	1,200	1,300
Bushels per acre	21.3	23.8	19.1	19.1	21.5
	thousands of metric tonnes				
Beginning stocks					
On farms	131	165	215	215	130
In commercial positions	95	64	74	74	64
Total beginning stocks	**226**	**229**	**289**	**289**	**194**
Production	881	930	423	423	368
Imports	13	6	8	1	2
Total supplies	**1,120**	**1,165**	**720**	**714**	**564**
Grain exports	663	772	404	93	86
Product exports	0	0	0	0	0
Total exports	**663**	**772**	**404**	**93**	**86**
Domestic disappearance					
Human food	..	..	..	..	..
Crushings	x	x	x	x	x
Seed requirements	26	16	12	..	..
Loss in handling	4	1	1	..	..
Animal feed, waste and dockage	x	x	x		
Total domestic disappearance	**179**	**104**	**123**	**..**	**..**
Ending stocks	**278**	**289**	**194**	**..**	**..**
Total disposition	**1,120**	**1,165**	**720**	**..**	**..**

See notes at the end of the table.

Table 12 – continued

Supply and disposition of oilseeds, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total		August to October	
		2009/2010	2010/2011 r	2010/2011 r	2011/2012 p
Canola					
Area harvested					
Thousands of hectares	5,950	6,513	6,848	6,848	7,471
Thousands of acres	14,702	16,095	16,922	16,922	18,462
Yield					
Kilograms per hectare	1,780	2,000	1,900	1,900	1,900
Bushels per acre	32.1	35.3	33.3	33.3	33.8
	thousands of metric tonnes				
Beginning stocks					
Stocks on farms	843	975	1,240	1,240	820
In commercial positions	857	684	1,023	1,023	1,008
Total beginning stocks	**1,699**	**1,659**	**2,263**	**2,263**	**1,828**
Production	10,723	12,889	12,773	12,773	14,165
Imports	154	128	224	100	37
Total supplies	**12,577**	**14,676**	**15,260**	**15,136**	**16,030**
Grain exports	6,323	7,162	7,105	1,716	2,103
Product exports	0	0	0	0	0
Total exports	**6,323**	**7,162**	**7,105**	**1,716**	**2,103**
Domestic disappearance					
Human food	0	0	..	..	..
Crushings	4,043	4,788	6,310	1,495	1,626
Seed requirements	46	51	54	..	..
Loss in handling	0	1	1	..	..
Animal feed, waste and dockage	330	410	-39	..	..
Total domestic disappearance	**4,419**	**5,250**	**6,327**	**..**	**..**
Ending stocks	**1,835**	**2,263**	**1,828**	**..**	**..**
Total disposition	**12,577**	**14,676**	**15,260**	**..**	**..**

See notes at the end of the table.

Table 12 – continued

Supply and disposition of oilseeds, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total			September to October	
		2008/2009	2009/2010	2010/2011 r	2010/2011 r	2011/2012 p
Soybeans [3]						
Area harvested						
Thousands of hectares	1,223	1,195	1,383	1,477	1,477	1,542
Thousands of acres	3,023	2,954	3,418	3,649	3,649	3,811
Yield						
Kilograms per hectare	2,640	2,800	2,500	2,900	2,900	2,800
Bushels per acre	39.3	41.5	37.7	43.8	43.8	40.9
	thousands of metric tonnes					
Beginning stocks						
Stocks on farms	99	30	45	65	65	70
In commercial positions [1]	216	91	175	235	235	232
Total beginning stocks	**315**	**121**	**220**	**300**	**300**	**302**
Production	3,232	3,336	3,507	4,345	4,345	4,246
Imports	328	350	371	266	35	49
Total supplies	**3,875**	**3,807**	**4,098**	**4,911**	**4,680**	**4,597**
Grain exports	1,750	1,888	2,111	2,856	677	515
Product exports	0	0	0	0	0	0
Total exports	**1,750**	**1,888**	**2,111**	**2,856**	**677**	**515**
Domestic disappearance						
Crushings Total [4]	1,385	1,280	1,293	1,448	250	225
Seed requirements	135	145	154	162	..	..
Residual [2]	283	274	240	143	..	..
Total domestic disappearance	**1,803**	**1,699**	**1,687**	**1,754**	**..**	**..**
Ending stocks	**321**	**220**	**300**	**302**	**..**	**..**
Total disposition	**3,875**	**3,807**	**4,098**	**4,911**	**..**	**..**

1. Stocks at transfer elevators, country elevators and crushing plants.
2. Includes feed, human food uses, dockage and loss in handling.
3. September to August crop year.
4. Canadian Oilseed Processors Association.

Table 13

Canola crushings, Canada

	Average 2005/2006 to 2009/2010	Total		August to October		October p 2011
		2009/2010	2010/2011 r	2010/2011 r	2011/2012 p	
	thousands of metric tonnes					
Crushings	**4,043**	**4,788**	**6,310**	**1,495**	**1,626**	**589**
Oil produced	1,740	2,107	2,768	651	719	263
Meal produced	2,360	2,683	3,568	830	921	333

Table 14
Farm supply and disposition of oilseeds, Prairie provinces, by crop year

	Average 2005/2006 to 2009/2010	Total		August to October	
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]
Flaxseed					
Area harvested					
Thousands of hectares	658	623	353	353	273
Thousands of acres	1,626	1,540	873	873	675
Yield					
Kilograms per hectare	1,360	1,500	1,200	1,200	1,300
Bushels per acre	21.3	23.8	19.1	19.1	21.5
	thousands of metric tonnes				
Stocks on farms	131	165	215	215	130
Production	881	930	423	423	368
Total supplies	**1,011**	**1,095**	**638**	**638**	**498**
Deliveries	657	753	371	96	74
Seed requirements	26	16	12	..	..
Animal feed, waste and dockage	159	111	125	..	..
Ending Stocks	**171**	**215**	**130**	**..**	**..**
Total disposition	**1,011**	**1,095**	**638**	**..**	**..**

	Average 2005/2006 to 2009/2010	Total		August to October	
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]
Canola					
Area harvested					
Thousands of hectares	5,896	6,455	6,773	6,773	7,388
Thousands of acres	14,570	15,950	16,735	16,735	18,255
Yield					
Kilograms per hectare	1,780	2,000	1,900	1,900	1,900
Bushels per acre	32.1	35.3	33.3	33.3	33.8
	thousands of metric tonnes				
Stocks on farms	841	975	1,240	1,240	820
Production	10,626	12,780	12,648	12,648	14,005
Total supplies	**11,467**	**13,755**	**13,888**	**13,888**	**14,825**
Deliveries	10,143	12,010	12,688	3,653	3,946
Seed requirements	46	51	54	..	..
Animal feed, waste and dockage	375	454	326	..	..
Ending stocks	**904**	**1,240**	**820**	**..**	**..**
Total disposition	**11,467**	**13,755**	**13,888**	**..**	**..**

Table 15
Deliveries of oilseeds

	Total			August to October			October [p] 2011
	2008/2009	2009/2010	2010/2011 [r]	2009/2010	2010/2011 [r]	2011/2012 [p]	
	thousands of metric tonnes						
Manitoba							
Flaxseed [1, 2]	109	154	66	25	18	11	3
Canola [2]	2,448	2,611	2,128	724	789	665	160
Total	**2,558**	**2,765**	**2,194**	**748**	**807**	**676**	**163**
All grains total [3]	**7,723**	**7,994**	**6,319**	**2,087**	**1,896**	**1,605**	**396**
Saskatchewan							
Flaxseed [1, 2]	420	579	290	82	73	58	29
Canola [2]	5,044	5,867	5,987	1,381	1,803	2,136	567
Total	**5,464**	**6,446**	**6,276**	**1,463**	**1,876**	**2,194**	**597**
All grains total [3]	**19,607**	**20,806**	**18,559**	**4,833**	**4,547**	**5,716**	**1,811**
Alberta							
Flaxseed [1, 2]	15	20	15	4	5	5	3
Canola [2]	4,095	3,532	4,574	822	1,061	1,145	465
Total	**4,110**	**3,552**	**4,589**	**826**	**1,066**	**1,150**	**468**
All grains total [3]	**13,430**	**10,801**	**12,460**	**2,358**	**2,394**	**2,904**	**1,147**
Western Canada [4]							
Flaxseed [1, 2]	544	753	371	110	96	74	35
Canola [2]	11,616	12,053	12,718	2,955	3,670	3,974	1,208
Total	**12,160**	**12,806**	**13,089**	**3,065**	**3,765**	**4,048**	**1,242**
All grains total [3]	**40,891**	**39,758**	**37,450**	**9,349**	**8,886**	**10,288**	**3,385**
Eastern Canada							
Flaxseed [1, 2]	0	0	0	0	0	0	0
Canola [2]	71	57	87	22	53	41	16
Total	**71**	**57**	**87**	**22**	**53**	**41**	**16**
All grains total [3]	**2,499**	**1,981**	**1,892**	**959**	**799**	**952**	**141**
Canada							
Flaxseed [1, 2]	544	753	371	110	96	74	35
Canola [2]	11,687	12,110	12,805	2,978	3,723	4,014	1,223
Total	**12,231**	**12,863**	**13,176**	**3,088**	**3,818**	**4,089**	**1,258**
All grains total [3]	**43,390**	**41,739**	**39,342**	**10,308**	**9,686**	**11,240**	**3,526**

1. Beginning in June, 2002 excludes deliveries to process elevators.
2. Includes unlicensed shipments to U.S. markets.
3. Includes wheat (excluding durum), durum wheat, oats, barley, rye, flaxseed and canola.
4. Includes British Columbia.

Note(s): Deliveries are as reported by the Canadian Grain Commission (with any adjustments prorated monthly) plus estimates for unlicensed deliveries. Includes deliveries to condominium storage as of August, 2003. Negative deliveries may indicate that farmers removed more grain from condominium storage than they delivered.

Table 16
Exports of oilseeds, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	thousands of metric tonnes					
Flaxseed						
Belgium	376.0	264.5	204.5	60.1	17.4	9.9
Germany	2.2	1.4	0.6	0.3	0.1	0.1
Netherlands	0.9	0.8	0.5	0.2	0.0	0.0
Spain	0.4	0.3	0.2	0.0	0.0	0.0
Western Europe total [1]	**384.1**	**270.5**	**208.1**	**61.3**	**17.9**	**10.2**
Eastern Europe total [1]	**1.8**	**6.4**	**0.2**	**0.1**	**0.0**	**0.0**
Egypt	4.1	7.7	0.1	0.1	1.0	0.0
Middle East total [1]	**6.4**	**14.0**	**1.3**	**0.3**	**1.3**	**0.1**
Morocco	0.5	0.6	0.1	0.0	0.0	0.0
Africa total [1]	**1.6**	**1.6**	**1.0**	**0.3**	**0.1**	**0.0**
People's Republic of China	88.0	245.0	32.4	1.5	23.2	10.7
Japan	16.1	31.5	4.1	0.8	1.7	0.0
Korea, South	0.4	0.6	0.7	0.1	0.1	0.0
Asia total [1]	**105.2**	**278.4**	**38.6**	**2.6**	**25.3**	**10.8**
Oceania total [1]	**1.2**	**0.2**	**0.3**	**0.1**	**0.2**	**0.1**
Colombia	1.8	1.9	0.3	0.2	0.0	0.0
South America total [1]	**6.0**	**10.4**	**3.0**	**1.5**	**0.7**	**0.3**
Mexico	4.5	3.9	3.8	0.7	0.8	0.1
Central America and Antilles total [1]	**5.7**	**5.2**	**4.8**	**1.0**	**1.0**	**0.2**
United States	**150.4**	**185.0**	**146.6**	**25.7**	**39.2**	**15.1**
North America total [1]	150.4	185.0	146.6	25.7	39.2	15.1
Flaxseed exports total	**662.5**	**771.7**	**404.0**	**93.0**	**85.8**	**36.9**

See notes at the end of the table.

Table 16 – continued

Exports of oilseeds, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	thousands of metric tonnes					
Canola						
Portugal	19.0	95.0	180.4	43.2	73.1	22.6
Western Europe total [1]	**19.0**	**95.0**	**289.2**	**43.2**	**73.1**	**22.6**
Eastern Europe total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
United Arab Emirates	359.9	458.3	819.5	182.0	138.3	103.9
Israel	3.2	0.0	16.2	0.0	0.0	0.0
Turkey	27.0	0.0	0.0	0.0	0.0	0.0
Middle East total [1]	**390.1**	**458.3**	**835.7**	**182.0**	**138.3**	**103.9**
Africa total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Bangledesh	107.5	114.8	92.2	47.3	47.2	47.2
People's Republic of China	1,462.2	2,249.6	916.8	235.7	534.2	175.2
Japan	2,025.0	2,012.8	2,335.7	666.0	556.8	207.2
Pakistan	411.9	312.9	784.1	139.5	164.7	109.3
Asia total [1]	**4,011.4**	**4,690.1**	**4,133.5**	**1,093.1**	**1,302.8**	**538.9**
Australia	11.4	0.0	0.0	0.0	0.0	0.0
Oceania total [1]	**11.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
South America total [1]	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Mexico	1,159.4	1,229.2	1,378.9	361.8	457.5	249.0
Central America and Antilles total [1]	**1,159.4**	**1,229.2**	**1,378.9**	**361.8**	**457.5**	**249.0**
United States	732.2	689.9	467.3	35.8	131.2	78.9
North America total [1]	**732.2**	**689.9**	**467.3**	**35.8**	**131.2**	**78.9**
Canola exports total	**6,323.4**	**7,162.5**	**7,104.6**	**1,715.9**	**2,102.9**	**993.3**

See notes at the end of the table.

Table 16 – continued

Exports of oilseeds, by country of final destination

	Average 2005/2006 to 2009/2010	Total		September to October		October [p]
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	2011
	metric tonnes					
Soybeans [2]						
Belgium	164,967	146,638	210,486	64,935	53,501	49,552
Denmark	37,687	70,071	68,952	0	0	0
France	37,563	1,273	58,857	30,380	49,370	49,350
Germany	61,705	107,841	147,476	67,090	66,221	66,080
Italy	15,024	52,659	20,962	6,876	165	62
Netherlands	177,172	187,201	563,271	217,727	156,261	143,956
Norway	16,851	0	85,800	0	0	0
Portugal	64,973	20	55,155	0	0	0
Spain	65,077	294,370	95,093	887	36,384	36,163
Western Europe total [1]	**647,042**	**860,615**	**1,306,553**	**417,379**	**361,922**	**345,164**
Poland	812	979	613	41	183	20
Eastern Europe total [1]	**20,485**	**50,119**	**23,493**	**13,861**	**204**	**41**
Egypt	36,173	58	132,713	16,000	0	0
Israel	28,886	23,978	1,527	215	177	98
Saudi Arabia	5,204	936	1,218	281	149	58
Turkey	9,691	0	63,935	52,927	5,472	5,472
Middle East total [1]	**234,917**	**172,590**	**199,459**	**52,927**	**5,797**	**5,629**
Algeria	4	0	0	0	0	0
Mauritius	131	164	143	41	41	41
Africa total [1]	**545**	**218**	**473**	**41**	**100**	**80**
People's Republic of China	72,127	103,863	236,931	0	929	209
Hong Kong	28,117	29,682	28,878	5,684	3,636	1,670
Indonesia	10,391	3,310	5,039	1,080	141	20
Japan	332,246	370,031	348,625	56,860	59,056	27,497
Malaysia	123,038	92,140	108,457	18,871	122,275	6,051
Philippines	10,185	9,011	7,680	1,630	326	225
Singapore	21,582	16,881	15,501	3,501	2,394	971
Taiwan	6,010	3,407	5,622	671	1,042	489
Thailand	16,861	25,534	19,136	1,526	12,176	4,534
Asia total [1]	**624,161**	**665,275**	**811,074**	**96,811**	**99,265**	**45,032**
New Zealand	629	765	839	360	83	41
Oceania total [1]	**673**	**823**	**839**	**360**	**83**	**41**
Surinam	143	289	98	39	40	20
South America total [1]	**204**	**289**	**51,270**	**50,442**	**541**	**35**
Jamaica	403	265	473	0	0	0
Mexico	45	0	136	0	0	0
Central America and Antilles total [1]	**842**	**554**	**763**	**30**	**21**	**2**
United States	221,524	360,858	362,383	44,854	46,712	27,925
North America total [1]	**221,524**	**360,859**	**362,383**	**44,855**	**46,712**	**27,925**
Soybean exports total	**1,750,393**	**2,111,341**	**2,756,309**	**676,705**	**514,645**	**423,948**

1. Exports to individual countries are included in the continental totals.
2. September to August crop year.

Source(s): Statistics Canada, International Trade Division and Canadian Grain Commission.

Table 17
Exports of oils and meals, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	metric tonnes					
Canola oil						
Germany	38,338	18,180	48,002	0	0	0
Netherlands	41,824	0	61,033	0	18	0
United Kingdom	26	3	1	0	0	0
Western Europe total [1]	**83,181**	**18,197**	**142,839**	**9,803**	**37,660**	**12,017**
Eastern Europe total [1]	**41**	**27**	**3**	**0**	**0**	**0**
Sudan	143	0	0	0	0	0
United Arab Emirates	577	726	696	68	79	26
Middle East total [1]	**3,224**	**9,558**	**9,670**	**8,325**	**335**	**50**
Africa total [1]	**941**	**0**	**0**	**0**	**9,461**	**0**
People's Republic of China	23,294	649,107	675,520	265,646	200,359	86,137
Hong Kong	420	23,167	22,463	8,811	10,874	7,463
Japan	15,885	8,433	16,725	883	5,392	2,263
Korea, South	0	31,001	61,359	22,455	15,470	10,387
Malaysia	316,218	2,500	42,681	16,673	0	0
Pakistan	16,721	0	45	22	0	0
Philippines	30,830	557	421	98	139	64
Singapore	2,101	474	650	90	96	0
Taiwan	17,056	12,256	19,603	0	0	0
Asia total [1]	**423,288**	**728,650**	**840,296**	**315,059**	**232,555**	**106,382**
New Zealand	236	288	730	174	333	161
Oceania total [1]	**841**	**294**	**730**	**174**	**333**	**161**
Colombia	2,564	2,817	7,808	1,156	665	150
Peru	54	2	4	0	8	4
South America total [1]	**4,163**	**3,083**	**26,140**	**1,156**	**832**	**154**
Haiti	247	0	0	0	0	0
Mexico	20,159	6,673	53,745	591	1,150	54
Central America and Antilles total [1]	**20,707**	**6,799**	**54,152**	**721**	**1,324**	**107**
United States	886,479	1,052,685	1,358,345	271,327	369,115	128,642
North America total [1]	**886,479**	**1,052,685**	**1,358,352**	**271,328**	**369,117**	**128,643**
Canola oil exports total	**1,422,865**	**1,819,294**	**2,432,182**	**606,566**	**651,617**	**247,513**
Canola meal						
Ireland	10,857	6,500	60,399	20,707	19,688	19,688
Western Europe total [1]	**10,857**	**6,500**	**70,999**	**20,707**	**19,688**	**19,688**
Eastern Europe total [1]	**221**	**156**	**0**	**0**	**0**	**0**
Middle East total [1]	**0**	**0**	**0**	**0**	**0**	**0**
Africa total [1]	**0**	**0**	**9,678**	**0**	**0**	**0**
Japan	63	0	6,905	46	0	0
Philippines	3,254	26	0	0	0	0
Taiwan	8,953	9,505	4,526	962	986	210
Asia total [1]	**124,776**	**562,126**	**937,949**	**249,350**	**126,372**	**39,496**
Oceania total [1]	**0**	**0**	**0**	**0**	**0**	**0**
South America total [1]	**0**	**0**	**0**	**0**	**0**	**0**
Mexico	62,493	214,169	96,141	33,569	11,256	1,610
Central America and Antilles total [1]	**62,493**	**214,169**	**96,141**	**33,569**	**11,256**	**1,610**
United States	1,524,865	1,144,161	1,874,536	364,278	633,730	241,961
North America total [1]	**1,524,865**	**1,144,161**	**1,874,536**	**364,278**	**633,730**	**241,961**
Canola meal exports total	**1,723,213**	**1,927,112**	**2,989,303**	**667,904**	**791,047**	**302,755**

See notes at the end of the table.

Table 17 – continued

Exports of oils and meals, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	metric tonnes					
Linseed oil						
Belgium	5	0	2	2	0	0
Ireland	0	0	6	0	0	0
United Kingdom	221	44	32	5	9	2
Western Europe total [1]	**254**	**66**	**46**	**8**	**20**	**5**
Eastern Europe total [1]	**0**	**0**	**0**	**0**	**4**	**0**
Middle East total [1]	**0**	**0**	**0**	**0**	**0**	**0**
Africa total [1]	**0**	**0**	**0**	**0**	**0**	**0**
People's Republic of China	1,722	2,639	19	0	14	0
Hong Kong	2	1	1	0	1	0
Japan	3,862	558	92	31	14	0
Malaysia	412	4	8	2	30	0
Singapore	25	3	1	0	1	0
Korea, South	790	5	16	0	8	0
Taiwan	3	1	1,353	2	0	0
Asia total [1]	**6,816**	**3,211**	**1,492**	**35**	**69**	**0**
New Zealand	32	33	6	0	0	0
Oceania total [1]	**32**	**33**	**6**	**0**	**0**	**0**
Colombia	9	10	0	0	0	0
South America total [1]	**15**	**12**	**0**	**0**	**0**	**0**
Mexico - Mexique	64	0	0	0	0	0
Central America and Antilles total [1]	**82**	**18**	**20**	**0**	**0**	**0**
United States	2,491	837	1,424	299	459	172
North America total [1]	**2,496**	**837**	**1,424**	**299**	**459**	**172**
Linseed oil exports total	**9,696**	**4,177**	**2,988**	**343**	**552**	**177**
Linseed meal						
United Kingdom	2	2	196	1	0	0
Western Europe total [1]	**827**	**22**	**197**	**1**	**1**	**1**
Eastern Europe total [1]	**35**	**87**	**0**	**0**	**0**	**0**
Middle East total [1]	**3**	**17**	**0**	**0**	**0**	**0**
Africa total [1]	**0**	**0**	**0**	**0**	**0**	**0**
Japan	6	0	0	0	0	0
Taiwan	0	0	0	0	0	0
Asia total [1]	**6**	**0**	**0**	**0**	**0**	**0**
Oceania total [1]	**36**	**0**	**0**	**0**	**0**	**0**
Ecuador	6	0	0	0	0	0
South America total [1]	**6**	**0**	**0**	**0**	**0**	**0**
Central America and Antilles total [1]	**0**	**0**	**0**	**0**	**0**	**0**
United States	10,362	3,353	6,325	1,435	1,366	1,001
North America total [1]	**10,362**	**3,353**	**6,325**	**1,435**	**1,366**	**1,001**
Linseed meal exports total	**11,276**	**3,479**	**6,522**	**1,436**	**1,367**	**1,001**

See notes at the end of the table.

Table 17 – continued

Exports of oils and meals, by country of final destination

	Average 2005/2006 to 2009/2010	Total		September to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	metric tonnes					
Soybean oil						
Western Europe total [1]	**1**	**0**	**0**	**0**	**0**	**0**
Georgia	54	0	0	0	0	0
Eastern Europe total [1]	**128**	**369**	**0**	**0**	**0**	**0**
Ethiopia	467	0	0	0	0	0
Somalia	47	0	0	0	0	0
Sudan	450	0	0	0	0	0
Yemen	121	0	0	0	0	0
Middle East total [1]	**1,243**	**0**	**0**	**0**	**0**	**0**
Kenya	514	0	0	0	0	0
Liberia	65	0	0	0	0	0
Tanzania	246	0	0	0	0	0
Uganda	182	0	0	0	0	0
Africa total [1]	**1,619**	**0**	**0**	**0**	**0**	**0**
Afganistan	0	0	0	0	0	0
Hong Kong	0	0	0	0	0	0
Pakistan	815	0	0	0	0	0
Japan	273	27	16	0	0	0
Korea, South	25	0	0	0	0	0
Vietnam	0	0	72	0	0	0
Asia total [1]	**2,910**	**84**	**200**	**24**	**0**	**0**
Oceania total [1]	**0**	**0**	**0**	**0**	**0**	**0**
Colombia	27	0	0	0	0	0
South America total [1]	**58**	**0**	**0**	**0**	**0**	**0**
Bermuda	26	21	0	0	0	0
Cuba	0	0	0	0	0	0
Nicaragua	121	0	352	352	0	0
Central America and Antilles total [1]	**1,216**	**21**	**352**	**352**	**0**	**0**
United States	27,962	46,313	68,067	5,470	7,341	3,364
North America total [1]	**27,963**	**46,313**	**68,067**	**5,470**	**7,341**	**3,364**
Soybean oil exports total	**35,136**	**46,787**	**68,620**	**5,846**	**7,341**	**3,364**
Soybean meal						
Sweden	0	0	676	188	0	0
Western Europe total [1]	**1,561**	**4**	**677**	**188**	**3,519**	**3,518**
Eastern Europe total [1]	**0**	**0**	**0**	**0**	**0**	**0**
Middle East total [1]	**0**	**0**	**0**	**0**	**0**	**0**
Algeria	1,500	0	0	0	0	0
Africa total [1]	**1,501**	**7**	**0**	**0**	**0**	**0**
Japan	0	0	0	0	0	0
Asia total [1]	**0**	**0**	**0**	**0**	**0**	**0**
Oceania total [1]	**0**	**0**	**0**	**0**	**0**	**0**
South America total [1]	**0**	**0**	**0**	**0**	**0**	**0**
Barbados	11	0	5	2	0	0
Central America and Antilles total [1]	**74**	**212**	**5**	**2**	**0**	**0**
United States	87,251	87,257	126,092	23,228	18,369	8,107
North America total [1]	**87,251**	**87,257**	**126,092**	**23,228**	**18,369**	**8,107**
Soybean meal exports total	**90,388**	**87,479**	**126,775**	**23,417**	**21,888**	**11,625**

1. Exports to individual countries are included in the continental totals.

Table 18
Selected special crop data, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 [r]	August to October 2010/2011 [r]	August to October 2011/2012 [p]
Dried beans					
Area harvested					
Thousands of hectares	147.4	114.3	127.2	127.2	66.4
Thousands of acres	364.1	282.6	314.6	314.6	164.0
Yield					
Kilograms per hectare	1,960.0	2,000.0	2,000.0	2,000.0	2,200.0
Hundredweight per acre	17.6	17.5	17.8	17.8	19.4
		thousands of metric tonnes			
Production	289.3	223.8	253.7	253.7	144.6
Imports [1]	49.5	55.1	64.4	23.7	18.3
Exports [1]	294.3	255.8	237.5	63.3	48.0

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 [r]	August to October 2010/2011 [r]	August to October 2011/2012 [p]
Canary seed					
Area harvested					
Thousands of hectares	159.0	143.7	153.8	153.8	93.0
Thousands of acres	392.8	355.0	380.0	380.0	230.0
Yield					
Kilograms per hectare	1,150.0	1,360.0	1,000.0	1,000.0	1,100.0
Pounds per acre	1026.4	1,218.0	891.0	891.0	981.0
		thousands of metric tonnes			
Production	182.8	196.1	153.5	153.5	102.3
Imports [1]	0.0	0.0	0.0	0.0	0.0
Exports [1]	180.3	181.3	178.8	41.7	31.1
Stocks on farms	84.2	62.0	23.0	..	..
In commercial positions	23.6	19.0	16.0	..	..
Ending stocks	**107.8**	**81.0**	**39.0**	**..**	**..**

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 [r]	August to October 2010/2011 [r]	August to October 2011/2012 [p]
Dry peas					
Area harvested					
Thousands of hectares	1,401.9	1,487.2	1,388.9	1,388.9	914.2
Thousands of acres	3,464.2	3,675.0	3,432.0	3,432.0	2,259.0
Yield					
Kilograms per hectare	2,200.0	2,300.0	2,200.0	2,200.0	2,300.0
Bushels per acre	32.6	33.8	32.3	32.3	34.4
		thousands of metric tonnes			
Production	3,079.8	3,379.4	3,018.2	3,018.2	2,115.6
Imports [1]	48.6	55.0	32.9	14.2	1.5
Exports [1]	2,348.3	2,177.8	3,012.1	987.2	855.3
Stocks on farm	242.0	630.0	245.0	..	..
In commercial positions	184.0	270.0	290.0	..	..
Ending stocks	**426.0**	**900.0**	**535.0**	**..**	**..**

See notes at the end of the table.

Table 18 – continued

Selected special crop data, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 [r]	August to October 2010/2011 [r]	August to October 2011/2012 [p]
Buckwheat					
Area harvested					
Thousands of hectares	2.6	0.0	0.0	0.0	0.0
Thousands of acres	6.4	0.0	0.0	0.0	0.0
Yield					
Kilograms per hectare	700.0	0.0	0.0	0.0	0.0
Bushels per acre	12.4	0.0	0.0	0.0	0.0
		thousands of metric tonnes			
Production	2.9	0.0	0.0	0.0	0.0
Imports [1]	1.3	0.9	1.3	0.2	0.4
Exports [1]	3.3	1.8	2.3	0.3	0.6

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 [r]	August to October 2010/2011 [r]	August to October 2011/2012 [p]
Mustard seed					
Area harvested					
Thousands of hectares	179.6	208.4	186.1	186.1	123.3
Thousands of acres	444.0	515.0	460.0	460.0	305.0
Yield					
Kilograms per hectare	870.0	1,000.0	1,000.0	1,000.0	1,010.0
Pounds per acre	774.4	892.0	895.0	895.0	903.0
		thousands of metric tonnes			
Production	176.1	208.3	186.8	186.8	124.8
Imports [1]	0.6	0.3	0.5	0.2	0.1
Exports [1]	142.6	128.0	123.5	24.5	31.6
Stocks on farms	53.8	50.0	95.0	..	..
In commercial positions	32.6	30.0	30.0	..	..
Ending stocks	**86.4**	**80.0**	**125.0**	**..**	**..**

	Average 2005/2006 to 2009/2010	Total 2009/2010	Total 2010/2011 [r]	August to October 2010/2011 [r]	August to October 2011/2012 [p]
Sunflower seed					
Area harvested					
Thousands of hectares	71.8	63.5	51.4	51.4	13.8
Thousands of acres	177.4	157.0	127.0	127.0	34.0
Yield					
Kilograms per hectare	1,610.0	1,600.0	1,320.0	1,320.0	1,430.0
Pounds per acre	1,437.0	1,431.0	1,173.0	1,173.0	1,282.0
		thousands of metric tonnes			
Production	115.6	101.9	67.6	67.6	19.8
Imports [1]	20.4	26.0	32.8	6.4	6.8
Exports [1]	83.0	49.0	45.7	9.5	9.7
Stocks on farms	17.0	35.0	20.0	..	..
In commercial positions	7.2	7.0	9.0	..	..
Ending stocks	**24.2**	**42.0**	**29.0**	**..**	**..**

See notes at the end of the table.

Table 18 – continued

Selected special crop data, Canada, by crop year

	Average 2005/2006 to 2009/2010	Total		August to October	
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]
Lentils					
Area harvested					
Thousands of hectares	715.9	963.2	1,335.5	1,335.5	998.4
Thousands of acres	1,769.0	2,380.0	3,300.0	3,300.0	2,467.0
Yield					
Kilograms per hectare	1,412.0	1,570.0	1,460.0	1,460.0	1,530.0
Pounds per acre	1,260.4	1,399.0	1,301.0	1,301.0	1,369.0
		thousands of metric tonnes			
Production	835.3	1,510.2	1,947.1	1,947.1	1,531.9
Imports [1]	9.1	8.7	28.5	9.6	3.0
Exports [1]	938.7	1,386.8	1,104.8	235.2	347.3
Stocks on farms	140.2	26.0	655.0	..	..
In commercial positions	22.0	18.0	95.0	..	..
Ending stocks	**162.2**	**44.0**	**750.0**	**..**	**..**

	Average 2005/2006 to 2009/2010	Total		August to October	
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]
Chickpeas					
Area harvested					
Thousands of hectares	91.4	40.3	76.9	76.9	49.7
Thousands of acres	226.0	100.0	190.0	190.0	123.0
Yield					
Kilograms per hectare	1,490.0	1,870.0	1,670.0	1,670.0	1,830.0
Pounds per acre	1,328.6	1,667.0	1,489.0	1,489.0	1,627.0
		thousands of metric tonnes			
Production	174.0	75.5	128.3	128.3	90.8
Imports [1]	5.9	5.6	9.3	2.1	2.1
Exports [1]	73.3	65.6	85.8	24.7	12.0
Stocks on farms	31.8	10.0	12.0	..	..
In commercial positions	8.4	10.0	10.0	..	..
Ending stocks	**40.2**	**20.0**	**22.0**	**..**	**..**

1. Statistics Canada, International Trade Division.

Table 19
Exports of special crops, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p] 2011
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	
	metric tonnes					
Dry peas						
Belgium	29,786	3,672	2,631	166	64	64
Germany	3,366	2,164	1,177	55	963	44
Italy	7,321	5,063	3,324	1,620	625	284
Netherlands	3,838	1,170	2,193	839	204	131
Portugal	1,109	828	229	69	22	22
Spain	206,855	8,424	95,287	2,454	4,519	1,820
United Kingdom	7,067	5,783	3,523	838	572	147
Western Europe total [1]	**299,977**	**28,750**	**109,003**	**6,177**	**7,334**	**2,610**
Eastern Europe total [1]	**8,690**	**8,370**	**5,741**	**1,300**	**646**	**22**
United Arab Emirates	45,379	13,487	45,285	12,952	3,520	424
Middle East total [1]	**88,750**	**49,225**	**81,121**	**19,959**	**6,350**	**1,119**
Algeria	6,381	6,894	5,944	3,737	1,343	79
South Africa	17,324	16,023	9,562	1,310	874	142
Africa total [1]	**58,036**	**59,473**	**33,313**	**10,987**	**4,389**	**718**
Bangladesh	266,408	308,638	236,318	124,364	66,831	0
People's Republic of China	300,396	417,798	514,676	66,936	241,227	103,239
India	1,009,743	1,085,218	1,708,418	618,233	436,245	103,349
Indonesia	12,118	22,121	5,451	1,018	21,449	20,536
Nepal	4,454	1,802	3,626	1,214	2,143	555
Pakistan	51,830	10,149	77,700	73,822	1,045	457
Philippines	12,643	15,174	14,459	2,470	4,342	1,195
Taiwan	11,751	12,496	11,832	2,551	2,863	1,308
Asia total [1]	**1,691,043**	**1,893,911**	**2,585,769**	**893,608**	**779,784**	**231,365**
Oceania total [1]	**2,525**	**3,014**	**3,022**	**499**	**426**	**0**
Colombia	29,566	21,180	23,271	8,003	7,528	4,007
Ecuador	4,107	3,001	2,992	672	414	292
Peru	12,304	9,222	12,144	2,986	3,619	1,103
Venezuela	14,112	18,842	19,632	8,763	2,314	576
South America total [1]	**78,522**	**72,706**	**75,881**	**24,025**	**16,231**	**6,773**
Cuba	69,206	21,727	66,091	203,853	22,000	22,000
Mexico	9,227	8,606	8,916	2,784	1,587	666
Central America and Antilles total [1]	**86,940**	**38,233**	**83,203**	**25,939**	**25,468**	**23,365**
United States	33,834	24,168	35,037	4,688	14,688	3,802
North America total [1]	**33,834**	**24,168**	**35,037**	**4,688**	**14,688**	**3,802**
Dry pea exports total	**2,348,317**	**2,177,850**	**3,012,090**	**987,182**	**855,316**	**269,774**
Chickpeas						
Italy	4,816	5,112	3,616	1,721	344	0
Spain	4,357	3,582	2,678	473	190	143
Western Europe total [1]	**18,113**	**14,781**	**11,877**	**3,844**	**1,234**	**338**
Eastern Europe total [1]	**300**	**297**	**295**	**89**	**0**	**0**
Egypt	1,916	3,114	6,201	2,538	154	25
Jordan	6,826	5,081	12,221	1,590	625	165
Middle East total [1]	**15,753**	**15,511**	**46,404**	**12,252**	**3,102**	**455**
Africa total [1]	**2,947**	**3,459**	**2,746**	**1,289**	**50**	**50**
India	8,239	7,518	2,822	1,192	3,298	2,092
Japan	197	232	138	0	0	0
Pakistan	13,106	10,416	7,419	1,419	610	65
Asia total [1]	**22,582**	**18,553**	**10,493**	**2,693**	**4,501**	**2,157**
Oceania total [1]	**93**	**192**	**34**	**34**	**0**	**0**
Colombia	3,376	1,080	1,549	691	180	180
South America total [1]	**4,533**	**1,285**	**2,411**	**990**	**269**	**203**
Central America and Antilles total [1]	**2,019**	**2,233**	**2,149**	**509**	**382**	**95**
United States	6,939	9,293	9,430	2,992	2,437	647
North America total [1]	**6,939**	**9,293**	**9,430**	**2,992**	**2,437**	**647**
Chickpea exports total	**73,279**	**65,603**	**85,839**	**24,693**	**11,975**	**3,945**

See notes at the end of the table.

Table 19 – continued

Exports of special crops, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p]
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	2011
	metric tonnes					
Lentils						
Belgium	9,082	5,400	3,934	939	819	212
France	9,750	10,668	6,684	1,144	1,217	674
Germany	13,511	15,557	11,652	2,459	2,170	614
Greece	9,863	7,557	8,578	3,973	3,834	1,725
Italy	23,921	25,327	18,921	7,944	8,873	4,467
Spain	26,725	24,862	28,857	6,212	11,376	4,541
United Kingdom	6,537	8,869	10,295	2,401	4,002	1,332
Western Europe total [1]	**106,595**	**103,843**	**97,616**	**26,032**	**32,840**	**13,702**
Eastern Europe total [1]	**11,429**	**10,192**	**10,337**	**2,034**	**1,921**	**1,060**
Egypt	47,494	61,729	70,382	18,904	22,227	13,182
Iran	7,576	3,782	4,770	828	2,285	1,711
Israel	5,455	5,849	5,938	1,410	1,499	739
Lebanon	6,817	8,535	4,105	538	1,428	728
Turkey	118,683	226,465	239,957	16,321	105,823	21,380
United Arab Emirates	63,557	95,819	69,115	18,393	34,126	21,065
Middle East total [1]	**262,964**	**420,726**	**407,745**	**58,646**	**169,943**	**59,176**
Algeria	64,236	76,188	73,879	23,396	44,151	14,667
Morocco	22,670	18,151	5,750	1,031	859	137
Africa total [1]	**93,624**	**101,872**	**88,547**	**25,715**	**46,836**	**15,261**
Bangladesh	60,230	129,459	34,231	12,301	5,323	3,638
India	115,250	283,995	135,103	42,650	18,107	11,624
Pakistan	39,512	41,718	56,743	14,096	14,110	7,227
Sri Lanka	36,341	74,342	52,799	10,140	4,766	2,019
Asia total [1]	**253,738**	**531,836**	**286,392**	**79,589**	**47,264**	**24,886**
Oceania total [1]	**1,519**	**1,729**	**1,231**	**203**	**107**	**0**
Brazil	12,210	13,743	12,535	5,330	5,187	646
Chile	17,806	18,487	14,230	2,179	1,053	244
Colombia	60,143	64,480	56,162	10,089	12,061	6,441
Ecuador	17,432	17,074	18,605	2,388	3,144	1,988
Peru	20,634	17,426	20,639	4,316	6,531	3,067
Venezuela	22,330	24,642	36,210	9,104	4,014	2,116
South America total [1]	**156,288**	**158,871**	**160,821**	**33,547**	**32,105**	**14,527**
Mexico	31,379	37,115	31,613	5,575	9,080	3,843
Panama	7,044	7,191	5,304	850	1,441	449
Trinidad and Tobago	2,000	1,918	1,546	361	705	222
Central America and Antilles total [1]	**42,241**	**48,120**	**39,830**	**6,919**	**11,709**	**4,782**
United States	10,380	9,582	12,243	2,486	4,543	1,815
North America total [1]	**10,381**	**9,582**	**12,243**	**2,486**	**4,543**	**1,815**
Lentil exports total	**938,779**	**1,386,771**	**1,104,762**	**235,170**	**347,267**	**135,210**
Buckwheat						
Belgium	28	0	0	0	0	0
Germany	111	0	0	0	0	0
Norway	44	0	21	0	0	0
Western Europe total [1]	**206**	**35**	**375**	**0**	**0**	**0**
Eastern Europe total [1]	**0**	**0**	**27**	**0**	**0**	**0**
Japan	1,394	228	434	0	51	0
Thailand	109	0	0	0	0	0
Asia total [1]	**1,505**	**228**	**434**	**0**	**51**	**0**
Oceania total [1]	**0**	**0**	**0**	**0**	**0**	**0**
South America total [1]	**17**	**42**	**0**	**0**	**0**	**0**
Central America and Antilles total [1]	**8**	**1**	**0**	**0**	**0**	**0**
United States	1,608	1,542	1,416	280	514	383
North America total [1]	**1,608**	**1,542**	**1,416**	**280**	**514**	**383**
Buckwheat exports total	**3,343**	**1,848**	**2,251**	**280**	**565**	**383**

See notes at the end of the table.

Table 19 – continued

Exports of special crops, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p]
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	2011
	metric tonnes					
Mustard seed						
Belgium	29,854	26,068	22,203	4,657	6,388	1,477
France	1,114	51	1,559	12	47	47
Germany	11,226	5,264	4,955	926	2,198	497
Netherlands	5,864	2,676	4,035	939	554	166
Switzerland	903	1,463	1,666	17	244	122
United Kingdom	1,379	1,403	792	142	197	100
Western Europe total [1]	**51,487**	**37,887**	**36,616**	**7,077**	**9,786**	**2,423**
Eastern Europe total [1]	**753**	**125**	**311**	**20**	**60**	**40**
United Arab Emirates	83	0	42	42	150	150
Middle East total [1]	**354**	**470**	**237**	**95**	**172**	**150**
Senegal	1,161	2,086	1,970	557	585	90
Africa total [1]	**2,156**	**2,872**	**2,856**	**836**	**666**	**90**
Bangladesh	4,011	79	0	0	0	0
India	3,487	8,076	888	207	131	75
Japan	6,310	6,070	5,550	1,133	1,401	512
Korea, South	1,921	1,123	1,921	490	569	287
Thailand	2,923	2,281	2,995	379	1,508	595
Asia total [1]	**19,372**	**18,051**	**11,572**	**2,245**	**3,650**	**1,485**
Oceania total [1]	**900**	**1,093**	**950**	**331**	**238**	**19**
Venezuela	1,266	1,846	2,106	559	207	173
South America total [1]	**2,857**	**3,787**	**4,018**	**836**	**787**	**341**
Central America and Antilles total [1]	**488**	**618**	**529**	**131**	**202**	**107**
United States	64,230	63,050	66,428	12,909	16,047	3,732
North America total [1]	**64,230**	**63,050**	**66,428**	**12,909**	**16,047**	**3,732**
Mustard seed exports total	**142,597**	**127,953**	**123,517**	**24,479**	**31,608**	**8,386**
Canary seed						
Belgium	30,041	32,547	34,719	11,100	1,200	0
Germany	1,671	790	476	185	0	0
Greece	962	1,196	1,128	300	157	67
Italy	4,040	6,633	5,983	933	1,442	782
Malta	1,003	999	986	370	197	23
Portugal	4,465	4,641	4,066	903	848	356
Spain	12,800	12,451	10,623	2,322	2,285	750
Sweden	97	150	106	22	21	0
Western Europe total [1]	**55,567**	**59,640**	**58,174**	**16,156**	**6,217**	**2,000**
Eastern Europe total [1]	**204**	**339**	**243**	**24**	**24**	**0**
Middle East total [1]	**4,476**	**7,753**	**4,987**	**994**	**2,055**	**659**
Algeria	1,526	1,339	1,099	377	568	323
Africa total [1]	**3,212**	**3,422**	**3,275**	**1,157**	**3,994**	**973**
Japan	1,265	1,272	775	225	339	42
Taiwan	921	627	804	184	95	0
Asia total [1]	**4,587**	**4,729**	**3,163**	**476**	**1,889**	**437**
Oceania total [1]	**557**	**864**	**137**	**25**	**42**	**0**
Brazil	23,615	21,104	8,803	4,908	999	380
Chile	3,308	3,235	2,176	311	341	119
Colombia	10,478	11,756	9,969	2,786	1,971	1,375
Peru	4,843	3,498	4,160	908	1,551	141
Venezuela	5,900	7,144	5,303	666	1,386	122
South America total [1]	**49,573**	**48,265**	**31,948**	**9,902**	**6,736**	**2,355**
Mexico	45,195	40,876	58,942	8,865	6,406	744
Central America and Antilles total [1]	**49,165**	**45,143**	**62,770**	**9,437**	**7,183**	**979**
United States	12,926	11,166	14,078	3,508	2,913	1,280
North America total [1]	**12,926**	**11,167**	**14,078**	**3,508**	**2,913**	**695**
Canary seed exports total	**180,267**	**181,322**	**178,776**	**41,679**	**31,052**	**8,097**

See notes at the end of the table.

Table 19 – continued

Exports of special crops, by country of final destination

	Average 2005/2006 to 2009/2010	Total		August to October		October [p]
		2009/2010	2010/2011 [r]	2010/2011 [r]	2011/2012 [p]	2011
	metric tonnes					
Dried beans						
Belgium	1,221	804	356	62	21	21
France	2,866	760	882	265	206	102
Germany	2,080	1,740	3,820	1,177	837	288
Greece	6,785	5,371	6,012	1,662	1,872	1,615
Italy	21,811	21,875	14,820	6,047	1,911	979
Netherlands	4,630	2,229	1,262	196	215	20
Portugal	5,721	4,302	4,250	1,699	80	20
Spain	3,957	2,754	3,208	996	444	287
United Kingdom	63,215	56,667	58,805	19,185	14,907	4,317
Western Europe total [1]	**114,947**	**98,868**	**95,270**	**31,620**	**20,987**	**7,815**
Eastern Europe total [1]	**7,444**	**4,427**	**5,895**	**1,854**	**567**	**323**
Middle East total [1]	**7,559**	**8,710**	**6,625**	**1,298**	**562**	**201**
Angola	15,389	20,071	16,519	1,930	699	174
South Africa	690	0	335	335	0	0
Africa total [1]	**19,174**	**22,728**	**17,506**	**2,566**	**700**	**174**
Japan	14,383	10,723	14,217	1,049	748	123
Asia total [1]	**21,154**	**15,561**	**22,136**	**2,634**	**1,880**	**633**
New Zealand	3,639	5,826	4,013	1,036	548	0
Oceania total [1]	**8,082**	**11,120**	**8,242**	**1,331**	**871**	**132**
South America total [1]	**4,836**	**2,920**	**5,343**	**1,711**	**100**	**0**
Mexico	7,750	9,718	5,489	937	2,280	284
Central America and Antilles total [1]	**27,521**	**20,693**	**12,746**	**2,593**	**2,840**	**623**
United States	83,624	70,746	63,707	17,706	19,512	8,061
North America total [1]	**83,624**	**70,746**	**63,707**	**17,706**	**19,512**	**8,061**
Dried bean exports total	**294,342**	**255,773**	**237,470**	**63,312**	**48,019**	**17,963**
Sunflower seed						
United Kingdom	65	0	2	130	0	0
Western Europe total [1]	**608**	**23**	**510**	**130**	**20**	**0**
Eastern Europe total [1]	**106**	**86**	**150**	**0**	**0**	**0**
Iraq	73	209	564	174	0	0
United Arab Emirates	10,095	4,008	3,402	828	0	0
Middle East total [1]	**13,985**	**6,986**	**7,066**	**1,355**	**572**	**426**
Mauritis	60	106	94	44	3	0
Africa total [1]	**593**	**378**	**430**	**68**	**104**	**61**
Japan	358	644	516	50	98	50
Asia total [1]	**929**	**1,244**	**667**	**107**	**98**	**50**
Oceania total [1]	**138**	**196**	**175**	**84**	**23**	**23**
South America total [1]	**1,070**	**1,149**	**1,029**	**110**	**68**	**23**
Mexico	1,851	954	1,765	368	510	112
Central America and Antilles total [1]	**4,221**	**3,085**	**2,971**	**700**	**619**	**125**
United States	61,370	35,819	32,700	6,967	8,157	2,564
North America total [1]	**61,370**	**35,819**	**32,700**	**6,966**	**8,157**	**2,564**
Sunflower seed exports total	**83,019**	**48,966**	**45,698**	**9,521**	**9,662**	**3,271**

1. Exports to individual countries are included in the continental totals.
Source(s): Statistics Canada, International Trade Division.

Table 20
International supply and dispositions, by crop year

	Production	Imports	Total supplies	Exports	Domestic utilization	Ending stocks
	millions of metric tonnes					
All wheat						
Canada (August to July)						
2007/2008	20.1	0.0	26.9	15.9	6.7	4.4
2008/2009	28.6	0.0	33.0	18.6	7.9	6.5
2009/2010	26.8	0.1	33.5	18.5	7.2	7.8
2010/2011	23.2	0.1	31.1	16.2	7.7	7.2
2011/2012	25.3	0.0 [2]	32.5	17.0 [2]	9.4	6.1 [2]
Australia (October to September)						
2007/2008	13.6	0.1	17.4	7.4	6.3	3.9
2008/2009	21.4	0.1	25.4	13.5	8.5	3.4
2009/2010	21.8	0.1	25.3	13.8	5.9	5.6
2010/2011	27.9	0.1	33.6	18.5	6.3	8.8
2011/2012	28.3	0.1	37.2	21.5	7.1	8.6
Argentina (December to November)						
2007/2008	18.6	0.0	19.2	10.2	6.6	2.4
2008/2009	11.0	0.0	13.4	8.6	3.5	1.3
2009/2010	12.0	0.0	13.3	5.2	5.7	2.4
2010/2011	16.1	0.0	18.5	7.7	7.6	3.1
2011/2012	14.5	0.0	17.6	9.2	5.2	3.2
United States (June to May)						
2007/2008	55.8	3.0	71.2	34.3	28.6	8.3
2008/2009	68.0	3.4	79.7	27.1	34.8	17.9
2009/2010	60.4	3.2	81.4	24.2	30.7	26.6
2010/2011	60.1	2.6	89.2	36.0	29.7	23.5
2011/2012	54.4	3.2	81.1	24.5	32.7	23.9
European Union 27 (October to September)						
2007/2008	120.1	6.9	141.2	12.3	116.5	12.4
2008/2009	151.1	7.7	171.2	25.4	127.0	18.9
2009/2010	138.8	5.5	163.2	22.1	124.9	16.2
2010/2011	135.7	4.7	156.5	22.9	122.0	11.7
2011/2012	137.5	7.5	156.7	17.0	127.0	12.7
Europe, other (July to June)						
2007/2008	4.4	1.9	8.0	0.8	5.4	1.8
2008/2009	4.7	1.7	8.2	0.5	5.5	2.2
2009/2010	4.6	1.7	8.5	0.8	5.5	2.2
2010/2011	3.8	1.6	7.7	0.8	5.4	1.5
2011/2012	4.4	1.7	7.7	0.6	5.5	1.6
Russian Federation (July to June)						
2007/2008	49.4	0.4	53.9	12.2	37.6	4.1
2008/2009	63.8	0.2	68.0	18.4	38.8	10.7
2009/2010	61.8	0.2	72.7	18.6	39.6	14.5
2010/2011	41.5	0.1	56.1	4.0	38.6	13.5
2011/2012	56.0	0.2	69.7	19.0	38.6	12.1
People's Republic of China (July to June)						
2007/2008	109.3	0.0	148.4	2.8	106.5	39.1
2008/2009	112.5	0.5	152.1	0.7	105.6	45.8
2009/2010	115.1	1.4	162.3	0.9	107.0	54.4
2010/2011	115.2	0.9	170.5	0.9	109.5	60.1
2011/2012	117.9	1.5	179.5	1.0	113.5	65.0
India (October to September)						
2007/2008	75.8	1.9	82.2	0.0	76.3	5.8
2008/2009	78.6	0.0	84.4	0.0	71.0	13.4
2009/2010	80.7	0.3	94.4	0.1	78.2	16.1
2010/2011	80.8	0.2	97.1	0.1	81.6	15.4
2011/2012	85.9	0.0	101.3	1.0	84.7	15.6
World [1]						
2007/2008	612.0	116.4	859.7	116.4	617.3	126.9
2008/2009	682.8	143.0	952.8	143.0	642.8	167.0
2009/2010	685.4	134.4	986.8	134.4	650.3	202.1
2010/2011	651.6	132.3	986.0	132.3	654.0	199.7
2011/2012	689.0	138.1	1,026.8	138.1	680.2	208.5

See notes at the end of the table.

Table 20 – continued

International supply and dispositions, by crop year

	Production	Imports	Total supplies	Exports	Domestic utilization	Ending stocks
	millions of metric tonnes					
Barley						
Canada (August to July)						
2007/2008	11.0	0.1	13.3	3.9	7.9	1.6
2008/2009	11.8	0.0	13.4	2.4	8.1	2.8
2009/2010	9.5	0.0	12.4	2.1	7.7	2.6
2010/2011	7.6	0.0	10.2	2.0	6.8	1.4
2011/2012	7.8	0.0 [2]	9.2	1.8 [2]	6.5	0.9 [2]
Australia (November to October)						
2007/2008	7.2	0.0	8.1	3.4	3.1	1.7
2008/2009	8.0	0.0	9.7	3.3	4.0	2.4
2009/2010	7.9	0.0	10.3	3.8	2.5	1.9
2010/2011	8.1	0.0	10.0	4.1	2.5	1.1
2011/2012	8.5	0.0	9.6	3.6	2.5	1.3
European Union 27 (October to September)						
2007/2008	57.5	0.5	63.9	3.9	54.3	5.7
2008/2009	65.5	0.2	71.3	2.4	58.1	10.9
2009/2010	62.1	0.1	73.1	2.4	55.1	15.5
2010/2011	53.0	0.2	68.7	4.5	56.7	7.5
2011/2012	52.4	0.1	60.0	2.5	52.1	5.4
Corn						
Argentina (March to February)						
2007/2008	22.0	0.0	23.9	15.7	6.0	2.2
2008/2009	15.5	0.0	17.7	8.5	8.2	1.0
2009/2010	23.3	0.0	24.3	17.0	6.4	0.9
2010/2011	22.5	0.0	23.4	15.2	6.9	1.3
2011/2012	29.0	0.0	30.3	18.5	9.3	2.5
United States (September to August)						
2007/2008	331.2	0.5	364.8	60.7	262.9	41.3
2008/2009	307.1	0.3	348.7	47.8	258.5	42.5
2009/2010	332.5	0.2	375.3	49.7	282.2	43.4
2010/2011	316.2	0.7	360.2	45.3	286.3	28.7
2011/2012	312.7	0.4	341.7	41.0	279.2	21.5
Total coarse grains						
European Union 27 (October to September)						
2007/2008	136.6	19.9	171.8	4.7	154.4	12.7
2008/2009	162.1	3.0	177.8	4.3	152.7	20.8
2009/2010	155.0	3.0	178.8	4.3	148.6	25.9
2010/2011	139.5	8.3	173.7	5.7	152.2	15.7
2011/2012	146.7	3.2	165.6	4.8	147.6	13.2
Brazil (February to January)						
2007/2008	60.5	1.3	65.6	8.0	44.9	12.7
2008/2009	53.5	1.5	67.7	7.2	48.0	12.5
2009/2010	58.4	1.0	72.0	8.6	53.1	10.3
2010/2011	60.5	0.9	71.7	11.6	50.2	9.9
2011/2012	63.8	0.9	74.5	8.5	55.2	10.8
Russian Federation (July to June)						
2007/2008	29.2	0.5	31.4	1.4	28.3	1.7
2008/2009	40.9	0.1	42.7	4.9	32.8	4.9
2009/2010	31.8	0.0	36.8	2.5	31.0	3.2
2010/2011	16.4	0.7	20.3	1.0	17.5	1.8
2011/2012	31.5	0.3	33.5	2.6	28.1	2.8
People's Republic of China (July to June)						
2007/2008	158.9	1.2	199.4	0.9	157.1	39.4
2008/2009	172.4	1.7	213.5	0.2	160.4	52.2
2009/2010	169.6	3.8	225.6	0.2	173.0	52.4
2010/2011	183.4	2.7	238.4	0.2	184.0	54.3
2011/2012	198.1	4.9	257.2	0.3	199.3	57.7
World [1]						
2007/2008	1,080.8	128.9	1,350.9	128.9	1,057.9	164.2
2008/2009	1,111.2	110.7	1,386.1	110.7	1,081.3	194.2
2009/2010	1,115.6	119.0	1,428.7	119.0	1,114.4	195.3
2010/2011	1,098.0	115.3	1,408.6	115.3	1,127.2	166.2
2011/2012	1,145.2	118.0	1,429.4	118.0	1,150.7	160.7

1. Stock and trade data are based on an aggregate of different marketing years.
2. Agriculture and Agri-Food Canada forecasts, November 17, 2011

Source(s): United States Department of Agriculture, Foreign Agricultural Service, excluding Canada, December 2011.

Table 21
International oilseeds data, by crop year

	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012
	thousands of metric tonnes				
Production					
Soybeans					
Canada	2,696	3,336	3,507	4,345	4,246
Brazil	61,000	57,800	69,000	75,500	75,000
United States	72,859	80,749	91,417	90,606	82,887
World	220,469	211,960	260,854	264,180	259,216
Canola-rapeseed					
Canada	9,601	12,643	12,889	12,773	14,165
People's Republic of China	10,573	12,100	13,657	13,100	12,500
World	48,516	60,576	60,982	60,391	59,841
Flaxseed					
Canada [2]	634	861	930	423	368
United States	150	145	189	230	130
World	1,991	2,190	2,288	2,026	1,953
Exports					
Soybeans					
Canada	1,696	1,888	2,111	2,756	2,400 [1]
Brazil	25,364	29,987	28,578	29,951	38,500
United States	31,538	34,817	40,798	40,859	35,380
World	78,774	76,845	92,550	92,420	96,992
Canola-rapeseed					
Canada	5,661	7,908	7,162	7,105	7,100 [1]
World	8,119	10,823	10,788	10,828	11,086
Flaxseed					
Canada	684	639	772	404	350 [1]
World	848	792	1,030	780	775
Crushings					
Soybeans					
Canada	1,348 [3]	1,280 [3]	1,293 [3]	1,448 [3]	1,400 [1]
Brazil	32,117	31,868	33,700	35,900	36,475
United States	49,081	45,230	47,673	44,851	44,225
World	202,862	193,325	209,490	220,607	229,285
Canola-rapeseed					
Canada	4,144	4,280	4,788	6,310	6,500 [1]
European Union 27	18,250	20,400	22,550	22,280	21,070
People's Republic of China	10,903	13,240	14,564	14,170	13,950
World	49,072	59,265	59,590	61,392	60,399
Ending stocks					
Soybeans					
Brazil	18,898	12,037	15,836	22,222	18,897
United States	5,580	3,761	4,106	5,842	6,263
World	51,555	42,598	59,453	68,434	64,536
Canola-rapeseed					
Canada	1,462	1,659	2,263	1,828	1,150 [1]
World	3,547	7,791	7,921	6,271	5,387

See notes at the end of the table.

Table 21 – continued

International oilseeds data, by crop year

	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012
	thousands of metric tonnes				
Meal production					
Soybeans					
Canada [3]	1,033	1,007	1,020	1,140	..
Brazil	24,890	24,700	26,120	27,820	28,290
United States	38,359	35,473	37,836	35,608	35,094
World	159,211	151,927	165,236	173,970	180,944
Canola-rapeseeed					
Canada	2,495	2,487	2,683	3,568	..
World	27,670	33,562	33,565	34,884	34,189
Oil production					
Soybeans					
Canada [3]	260	238	232	270	..
Brazil	6,160	6,120	6,470	6,910	7,100
United States	9,335	8,503	8,897	8,567	8,514
World	37,825	35,910	38,867	41,165	42,913
Canola-rapeseed					
Canada	1,739	1,839	2,107	2,768	..
World	18,348	22,311	22,323	23,326	22,807

1. Agriculture and Agri-Food Canada forecasts, November 17, 2011.
2. Excludes solin.
3. Canadian Oilseed Processors Association.

Source(s): United States Department of Agriculture, Foreign Agricultural Service, excluding Canada, December 2011 and OIL WORLD.

Table 22
Cash special crop prices

	Crop year average		Monthly average		October 2011		
	2009/2010	2010/2011	October 2010	September 2011	High	Low	Average
	dollars per metric tonne						
Peas							
2 Green [1]	240.99	259.20	234.91	310.34	332.35	323.53	327.21
2 Large Yellow [1]	189.48	249.40	208.38	320.77	322.80	320.78	322.02
Feed [1]	128.41	169.06	154.77	179.94	192.72	192.72	192.72
Feed [5]	118.94	148.73	119.23	166.22	176.37	176.37	176.37
Lentils							
1 Eston [3]	582.44	653.61	709.61	633.51	645.07	637.31	640.27
2 Eston [3]	553.85	605.09	650.26	580.00	575.83	570.12	572.75
1 Laird [3]	691.97	806.03	826.79	679.76	682.02	649.83	684.27
2 Laird [3]	669.53	690.25	749.22	617.12	617.85	594.63	607.28
1 Richlea [3]	636.82	683.25	739.75	625.67	657.99	625.01	640.87
1 Crimson Red [3]	621.19	510.28	582.73	410.13	436.52	409.13	421.44
Beans							
1 Navy/Pea Bean [4]	599.32	604.07	..	..	..	..	..
1 Navy/Pea Bean [2]	817.25	833.03	671.31	1,241.60	1,300.73	1,245.61	1,297.97
1 Pinto [4]	670.00	690.78	..	..	..	..	..
Pinto [2]	727.27	690.45	537.93	1,171.96	1,201.52	1,190.50	1,193.25
1 Cranberry [4]	673.17	692.25	..	..	..	..	..
1 Black [4]	659.18	645.59	..	..	..	..	..
Mustard seed							
1 Yellow [5]	524.69	570.72	499.90	673.18	776.42	775.72	775.89
1 Brown [5]	416.96	495.57	387.70	684.88	685.20	685.20	685.20
1 Yellow [1]	536.70	590.42	482.26	320.77	774.37	773.49	773.71
1 Brown [1]	426.72	507.44	392.75	694.71	695.33	695.33	695.33
1 Oriental [1]	475.09	508.08	438.17	557.00	609.58	576.51	595.80
Canary seed							
Canary seed [5]	381.81	539.73	497.35	572.64	587.18	583.40	582.45
Sunflower seed							
Oil [5]	208.65	200.62	..	..	..	..	..
Nu Sun [6]	296.58	576.51	415.35	708.57	590.84	590.84	590.84
Oil [7]	316.36	526.91	399.04	822.32	..	..	663.59
Confectionery [7]	525.25	559.24	531.31	661.39	..	..	729.73

1. Delivered dealer, Alberta/Saskatchewan.
2. Delivered dealer North Dakota/Minnesota US$. Crop year September to August.
3. Delivered dealer.
4. Delivered dealer, Manitoba.
5. Delivered dealer, Saskatchewan. Source: STAT Publishing, www.statpub.com: Copyright 2009 STAT Communications Ltd., Canada
6. Basis delivered West Fargo US$.
7. Delivered elevator North Dakota US$.

Table 23
Canadian Wheat Board, pool accounts

	Actual total payment				Initial payments	Initial payments	Pool return outlook	Pool return outlook
	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011 October 2011	2011/2012 August 2011	2010/2011 July 2011	2011/2012 November 2011
	dollars per metric tonne							
Wheat (excluding durum)								
1 Canada Western Red Spring 13.5	212.89	372.06	311.36	236.80	324.75	214.85	342.00	304.00
3 Canada Western Red Spring	196.32	351.26	271.44	187.27	261.10	178.25	277.00	244.00
1 Canada Western Hard White Spring 13.5	212.89	372.06	311.36	236.80	324.75	214.85	342.00	304.00
1 Canada Western Red Winter 11.5	190.44	337.12	259.80	193.49	266.65	184.00	209.00	..
1 Canada Western Red Winter	187.43	334.56	255.83	167.77	259.85	..	277.00	294.00
1 Canada Prairie Spring Red	190.05	341.25	265.00	188.09	258.15	178.00	275.00	241.00
1 Canada Prairie Spring White	190.90	341.48	265.00	184.99	254.15	172.00	277.00	235.00
1 Canada Western Extra Strong	198.41	355.27	281.20	206.90	294.75	184.85	312.00	274.00
1 Canada Western Soft White Spring	193.69	348.53	234.39	189.79	249.30	167.00	268.00	233.00
Canada Western Feed	176.51	305.15	195.80	136.83	219.50	150.00	237.00	207.00
Durum wheat								
1 Canada Western Amber Durum 13.0	225.14	512.81	375.14	209.16	280.25	218.00	299.00	371.00
3 Canada Western Amber Durum	203.85	493.09	334.67	172.62	232.50	187.00	251.00	338.00
4 Canada Western Amber Durum	196.31	483.02	308.27	155.59	219.50	170.00	237.00	267.00
Barley								
1 Canada Western [1]	187.44	281.28	191.64	101.00	238.39	155.00	234.00	232.00
1 Canada Western [2]	210.14	280.67	183.65	92.00	212.00	..	233.00	222.00
Designated barley								
Special Select Canada Western Two-row	202.02	299.59	254.00	..	..	..	249.00	318.00
Special Select Canada Western Six-row	188.12	272.61	234.00	..	..	..	232.00	302.00
Standard Select Canada Western Two-row	197.02	294.59	273.00	..	..	..	..	..
Standard Select Canada Western Six-row	183.12	262.61	253.00	..	..	..	..	..
Select Canada Western Two-row	199.52	297.09	314.05	208.42	231.50	230.00	..	..
Select Canada Western Six-row	185.62	270.11	294.33	190.64	213.50	213.00	..	..
Select Canada Western Two-row Hulless	199.23	297.02	293.00	208.42	231.50	230.00	..	..
Select Canada Western Six-row Hulless	185.38	244.00	273.00	176.50	213.50	213.00	..	..

1. Pool A.
2. Pool B.

Note(s): Basis in-store Vancouver or St. Lawrence.
Source(s): Canadian Wheat Board.

Table 24
Grain Farmers of Ontario, pool accounts

	Actual total payment [2]				Initial payment [3]	
	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012
Wheat						
Pool A Soft white winter	153.36	246.90	180.83	206.98	92.00	152.00
Pool B Hard red winter [1]	160.30	242.53	195.30	185.22	96.00	157.00
Pool C Hard red spring [1]	186.09	303.81	281.35	211.38	94.00	172.00
Pool D Hard red spring, interim registered [1]	184.96	304.39	..	..	..	..
Pool E Soft red winter	115.49	245.28	179.00	161.19	87.00	142.00
Pool F Common red	115.49	245.28	179.00	161.19	87.00	142.00
Pool G Feed	116.78	177.66	164.39	150.40	68.00	122.00
License fee	1.35	1.50	1.35	1.35	1.00	0.97

1. Grown from certified seed.
2. Includes protein premiums.
3. Excludes license fee.

Note(s): Crop year June 1 to May 31.

Table 25
Cash grain prices, Canada

	Crop year average		Monthly average		October 2011		
	2009/2010	2010/2011	October 2010	September 2011	High	Low	Average
	dollars per metric tonne						
Canadian Wheat Board asking prices							
Wheat							
1 Canada Western Red Spring 13.5 [1]	287.38	412.85	306.81	410.39	443.43	409.27	420.17
1 Canada Western Red Spring 13.5 [2]	283.83	399.28	306.05	..	..	..	..
1 Canada Western Amber Durum [1]	275.96	446.86	275.24	599.32	631.98	585.75	603.68
Domestic human food							
1 Canada Western Red Spring 13.5 [3]	252.05	376.27	265.12	371.08	..	..	383.12
1 Canada Western Amber Durum[3]	241.05	411.38	240.09	561.08	..	..	566.50
1 Canada Western Soft White Spring [3]	214.84	294.63	214.32	285.78	..	..	269.51
Barley							
Special Select Canada Western Six-row [1]	270.53	..	..	..	..	..	..
Select Canada Western Six-row [1]	234.96	317.88	233.90	372.33	375.00	372.00	372.65
Special Select Canada Western Two-row [1]	286.33	..	..	..	..	..	..
Select Canada Western Two-row [1]	246.32	329.91	245.90	384.38	386.00	384.00	384.65
ICE Futures Canada							
Wheat							
3 Canada Western Red Spring [6]	131.77	180.67	140.00	203.75	201.00	196.00	197.84
Western Barley							
1 Canada Western General Purpose [4]	152.86	187.84	155.50	203.19	214.00	210.00	212.00
1 Canada Western General Purpose [6]	133.97	192.86	135.30	245.43	233.00	228.00	228.50
Canola							
1 Canada NCC [7]	390.05	526.43	377.35	525.17	521.20	495.50	510.68
1 Canada NCC [2]	426.20	558.57	422.55	569.60	560.50	534.50	547.92
2 Canada NCC [2]	413.20	545.57	409.55	556.60	547.50	521.50	534.92
Other cash prices							
Soybeans							
Weighted average price [5]	371.67	424.57	374.94	463.24	…	…	429.18
Processor [8]	353.17	437.67	373.58	474.99	440.01	423.93	432.43
Corn (Ontario)							
Weighted average price [5]	153.21	206.43	163.17	294.55	…	…	249.68
Processor [9]	159.20	203.53	184.81	274.79	280.00	245.00	255.63
Oats							
2 Canada Western [10]	152.10	216.52	176.38	216.88	…	…	207.80
2 Canada Western [11]	105.21	161.42	120.60	178.57	…	…	174.07

1. Basis in store, St.Lawrence.
2. Basis in store, Pacific Coast.
3. Basis in store, Thunder Bay.
4. Basis delivered, Lethbridge.
5. Purchased by licensed dealers from growers.
6. Basis track Thunder Bay.
7. PAR region.
8. Delivered crusher, Hamilton.
9. Delivered processor, London.
10. Delivered elevator, Manitoba.
11. Delivered elevator, Red Deer, Alberta.

Table 26
Cash grain prices, United States

	Crop year average		Monthly average		October 2011		
	2009/2010	2010/2011	October 2010	September 2011	High	Low	Average
	U.S. dollars per metric tonne						
Wheat							
1 Dark Northern Spring 14% [2]	242.41	374.56	307.91	361.19	365.23	356.78	361.01
1 Hard Red Winter 12% [4]	194.94	304.79	271.54	..	318.57	309.01	313.79
2 Soft Red Winter [5]	189.19	293.91	276.31	277.60	270.07	264.92	267.49
1 Soft White Winter [2]	197.44	264.91	237.73	254.27	250.96	245.08	248.02
2 Soft Red Winter [9]	158.05	254.55	228.18	267.49	243.98	242.14	243.06
Oats							
2 heavy white [6]	149.46	233.80	203.60	238.94	240.56	226.95	233.75
2 heavy white [3]	154.88	225.33	..	241.41	225.97	225.97	225.97
Barley							
3 or better, malting [6]	151.65	260.04	196.58	359.63	356.41	356.41	356.41
Corn							
2 yellow [7]	134.09	238.09	176.37	287.19	266.52	262.98	264.75
2 yellow [6]	131.40	225.04	166.13	275.18	256.29	256.29	256.29
2 yellow [10]	136.26	238.70	174.40	285.22	272.03	271.25	271.64
2 yellow [5]	164.28	266.05	205.90	310.22	295.66	294.87	295.26
2 white [4]	145.32	246.46	181.88	285.03	298.02	290.93	294.47
Soybeans							
1 yellow [7]	357.47	466.24	380.66	500.63	482.81	479.87	481.34
1 yellow [5]	384.37	496.85	413.00	523.97	500.82	497.88	499.35
1 yellow [9]	358.30	466.66	382.13	496.59	476.57	472.16	474.36
Sorghum							
2 yellow [10]	123.58	235.40	181.52	286.07	260.04	260.04	260.04
2 yellow [5]	167.88	250.99	215.93	302.61	290.92	286.95	288.93
Canola							
1 U.S. [11]	365.55	527.16	410.28	559.97	541.01	541.01	541.01
1 U.S. [13]	356.27	531.75	..	..	..	..	..
Flaxseed							
1 U.S. [12]	361.89	550.61	493.68	559.82	566.12	566.12	566.12
Exchange rate [8]	1.05	1.01	1.03	0.98	..	..	1.00

1. Basis in store, Duluth.
2. Basis track side, Portland.
3. Basis FOB Portland.
4. Basis track side, Kansas City.
5. Basis barge Louisiana Gulf.
6. Basis in store, Minneapolis.
7. Bids to farmers, North Central Illinois.
8. Bank of Canada, average noon spot rate, US$ expressed in Canadian funds.
9. Basis in store, Toledo.
10. Basis in store, Kansas City.
11. Basis delivered processor, Velva.
12. Basis delivered processor, West Fargo.
13. Basis delivered processor, Enderlin.

Table 27
Oil and meal prices

	Crop year average		Monthly average		October 2011		
	2009/2010	2010/2011	October 2010	September 2011	High	Low	Average
	dollars per metric tonne						
Canola oil [1]							
Basis in store Vancouver	866.00	1,145.81	1,031.65	1,214.00	...	...	1,146.55
Canola meal							
Basis in store Vancouver	213.09	243.65	232.72	248.39	...	...	228.84
Feather meal							
Basis FOB Calgary	665.92	529.68	495.00	..	...	...	725.00
Fish meal							
Basis FOB Winnipeg	877.08	1,183.64	900.00	..	...	...	1,290.00
	U.S. dollars per metric tonne						
Soybean meal 48%							
Basis track Decatur, Illinois	322.57	340.95	321.92	336.32	312.90	290.00	301.45
Soybean meal 48%							
Basis truck Decatur, Illinois	321.30	343.87	322.21	337.16	318.24	300.38	309.31
Soybean meal 48%							
Bids Kansas City	315.50	338.70	320.24	337.01	310.70	277.10	298.18
Cottonseed meal 41%							
Bids Kansas City	275.35	285.64	255.50	378.13	303.00	280.00	286.34
Cottonseed meal 41%							
Basis FOB Memphis and Eastern Arkansas	243.93	249.75	225.31	345.63	280.00	245.00	255.63
Crude corn oil							
Basis Central Illinois	851.94	1,272.07	1,047.20	1,284.19	1,212.54	1,179.47	1,191.82
Soybean oil, Holland							
Basis FOB plant, Holland	898.42	1,257.17	1,157.00	1,305.00	...	...	1,220.00
Sunflower oil, European Union							
Basis FOB ports, Northwest Europe	908.92	1,367.67	1,284.00	1,299.00	...	...	1,212.00
Ground nut oil							
Basis CIF Rotterdam	1,261.58	1,668.73	1,331.00	..	...	...	..
Coconut oil, Philippines							
Basis CIF Rotterdam	837.42	1,746.17	1,412.00	1,305.00	...	...	1,208.00
Palm kernel oil, Malaysia							
Basis CIF Rotterdam	889.00	1,722.58	1,412.00	1,268.00	...	...	1,085.00

1. Crude degummed oil.

Table 28
Futures settlement prices of grains, by delivery month, October 2011

	Monthly high [1]	Monthly low [1]	Average settlement	Total monthly volume	Open interest end of month
	dollars per metric tonne			thousands of metric tonnes	
ICE Futures Canada					
Western Barley					
December	216.00	215.00	215.50	0.80	0.42
March	220.00	220.00	220.00	0.00	0.30
May	225.00	225.00	225.00	0.00	0.20
Canola					
November	544.60	516.10	523.50	4,183.86	6.46
January	554.60	519.30	529.50	3,547.56	2,103.90
March	563.60	529.90	537.60	563.20	471.52
May	571.10	531.60	540.40	337.88	258.90
July	575.00	538.00	546.40	140.68	109.22
November	540.00	505.70	515.30	104.90	239.26
January	530.00	521.00	519.70	0.10	0.52
Minneapolis Grain Exchange					
Spring Wheat					
December	344.10	317.01	332.56	724.42	258.85
March	318.29	301.94	310.88	922.63	456.30
May	311.13	296.80	304.22	275.34	143.75
July	307.73	293.67	300.65	223.17	159.59
September	301.02	288.25	293.06	92.67	79.85
December	304.15	291.38	296.12	58.87	51.17
March	305.62	293.31	297.94	5.25	2.12
Kansas City Board Of Trade					
Wheat					
December	271.17	251.51	262.36	..	..
March	276.77	257.39	268.05	..	..
May	280.17	260.51	271.17	..	..
July	283.29	262.99	273.89	..	..
September	288.62	268.41	278.74	..	..
December	295.42	277.14	285.76	..	..
March	298.73	280.08	288.26	..	..
May	296.15	276.77	285.24	..	..
July	289.17	267.68	277.93	..	..
September	291.38	272.00	281.35	..	..
CME Group					
Wheat					
December	242.78	221.93	230.52	461.90	4,844.37
March	255.37	235.16	243.39	204.36	2,951.14
May	263.27	244.53	251.77	11.65	916.27
July	267.59	250.22	257.25	115.88	1,788.66
September	273.56	257.02	264.14	8.11	169.06
December	281.27	265.20	271.23	67.82	892.37
March	286.78	271.08	277.08	0.57	43.84
May	288.35	272.73	279.52	0.03	10.61
July	282.01	265.75	273.16	0.00	51.41
September	290.09	271.26	279.05	0.00	0.54
December	291.75	273.92	282.14	0.05	1.80

See notes at the end of the table.

Table 28 – continued

Futures settlement prices of grains, by delivery month, October 2011

	Monthly high [1]	Monthly low [1]	Average settlement	Total monthly volume	Open interest end of month
	dollars per metric tonne			thousands of metric tonnes	
Oats					
December	223.70	208.14	216.90	27.70	153.40
March	229.54	214.95	223.53	24.31	94.58
May	233.11	218.84	227.57	0.00	4.16
July	237.00	222.73	231.46	0.00	0.34
September	241.54	226.62	235.68	0.00	0.05
Corn					
December	257.86	231.39	249.39	5,215.57	12,591.26
March	262.59	236.50	253.98	4,580.39	7,843.17
May	263.28	239.56	255.83	402.05	22,829.56
July	266.62	241.62	258.20	731.10	3,030.89
September	249.79	230.21	242.84	187.00	807.53
December	242.51	220.76	233.91	459.69	3,344.19
March	246.45	225.28	238.22	0.33	753.58
May	248.91	228.04	240.87	1.52	31.78
July	250.48	230.01	242.74	0.51	39.17
September	239.36	222.33	233.45	1.27	8.10
December	233.45	216.43	226.72	0.76	307.25
Soybeans					
November	466.65	425.80	446.69	4,145.91	344.60
January	469.77	429.90	450.07	2,529.36	6,586.32
March	472.43	433.30	453.24	709.73	2,303.66
May	473.63	436.24	455.65	492.55	1,868.37
July	476.01	439.18	458.49	445.68	1,428.98
August	472.06	438.17	456.47	474.18	1,319.11
September	465.08	434.31	451.47	0.38	279.34
November	459.66	431.74	447.72	0.00	4.95
	dollars per short ton				
Soybean meal					
October	328.40	298.30	310.38	..	..
December	327.60	302.10	317.08	..	..
January	329.70	304.30	319.05	..	..
March	332.00	308.40	322.17	..	..
May	334.90	311.00	324.03	..	..
July	335.10	314.30	326.54	..	..
August	333.90	314.80	326.09	..	..
September	332.90	314.30	323.68	..	..
October	328.20	310.50	319.56	..	..
	dollars per cwt.				
Soybean oil					
October	53.20	48.79	50.50	..	..
December	53.54	49.00	51.28	..	..
January	53.81	49.28	51.56	..	..
March	54.15	49.58	51.89	..	..
May	54.39	49.73	52.15	..	..
July	54.56	49.89	52.36	..	..
August	54.56	49.89	52.40	..	..
September	54.51	49.80	52.37	..	..
October	54.24	49.65	52.17	..	..

1. High and low prices are trades anytime during the month at Winnipeg but are settlement prices at Chicago, Minneapolis and Kansas City.

Note(s): American prices quoted in US$.

Concepts, methods and sources

The Cereals and Oilseeds Review is designed as a current source of grain marketing data on the major grains produced in Canada. Some of the data in this publication are also available on CANSIM, Statistics Canada's machine-readable database and retrieval system.

The majority of the data used in this publication are administrative in nature and are obtained from other areas within Statistics Canada or from other federal, provincial or international agencies. Most of the data for the major data series were produced with statistical purposes in mind; however, some were designed for program administration with statistical needs as a secondary objective. Every effort is made to ensure that administrative data are conceptually correct for the use to which they are put.

Much of the data obtained from administrative sources have been summarized from the financial transactions of individuals or companies. These summarized data are often subject to audit by independent professional accountants and/or are used to make payments to individuals. As a result, the quality of these data is considered to be good. The survey data used reflect typical Statistics Canada standards for quality assurance and, therefore, the quality of these data is also considered to be good.

However, it is important to note that both the administrative and survey data are subject to error. Administrative data may contain non-sampling error such as keying mistakes, while survey data may suffer from both non-sampling and sampling error. Users should also note that the quality of individual estimates may not be consistent between commodities or between provinces because the data sources and their quality may vary.

Information on inter-provincial movement of grain is limited. Data on inter-provincial canola movement are obtained from the **Report of Crushing Operations**. Data on inter-provincial purchases of feed grains by feed mills are obtained from the **Feed Grain Purchases Survey**. Both surveys are conducted by the Grain Marketing Unit of Statistics Canada.

The following text will discuss the most important grain marketing analysis tool - the supply and disposition tables and their components. Sections on Trade data, International data, Price data, Survey Estimates and the Revision Policies are also included.

Supply-disposition tables (S&Ds)

Overview

S&Ds or balance sheets are primary tools for grain market analysts. There are three types of S&Ds: farm, commercial and total. **Farm** S&Ds refer to grain produced and held on Canadian farms. Once the grain leaves the farms it enters the commercial system. **Commercial** S&Ds show the movement of grain from its receipt at primary elevators or process elevators to its final disposition at process or terminal elevators or in export or domestic markets. Commercial S&Ds are not published but are used for analysis purposes. **Total** (often called national) S&Ds bring together the data from both the farm and commercial S&Ds.

Farm S&Ds are available at the provincial level while commercial and total S&Ds are available only at the Canada level. The only exception is corn for which no farm S&Ds are produced; however, total supply and dispositions are produced for Canada, Ontario, Quebec and Other Provinces.

S&Ds are produced for a crop year, usually August 1 to July 31. The tables are revised after the release of farm stocks or production estimates, Canadian Grain Commission annual revisions or Statistics Canada trade data revisions.

Supply data

Production and farm stocks

Data on grain production and farm stocks are obtained from **The Field Crop Reporting Series**, Statistics Canada catalogue no. 22-002-X. Production and farm stock data comprise part of the supply of both the farm and national S&Ds.

Production data are estimated on a “field run” or dockage included basis. Three separate surveys in July, August and November provide data on the average yield and/or production of crops on farms. The published production estimates are obtained from the analysis of survey indicators, remote sensing data, consultation with field experts, agricultural tours and administrative data sources.

Farm stocks include marketable (whole, crushed or rolled) grain plus reserves for feed and seed as well as dockage on Canadian farms. Farm stocks are estimated at December 31, March 31 and July 31 for most grains and at August 31 for corn and soybeans. The supply and disposition analysis integrates data from various external sources such as grain deliveries from the Canadian Grain Commission and reconciles the various stock indicators.

Opening stocks are sometimes referred to as carry-in while ending stocks are sometimes called carry-out. The ending stocks for one crop year are the opening stocks for the next crop year. Opening stocks are part of the supply while closing stocks are part of the disposition in the S&Ds.

Production and farm stock data are collected by computer-assisted telephone interviews of large samples of Canadian farmers.

The survey indicators are analyzed and compared with provincial data or data from administrative sources such as the Canadian Grain Commission and the Canadian Wheat Board. S&D analyses are used extensively during the estimation process. For further information on the concepts, survey methods and data quality of the production or farm stock series please refer to **Field Crop Reporting Series Reports 1 through 8 (Catalogue no. 22-002-X)**.

Commercial stocks

Commercial stocks comprise part of the supply and the disposition of the commercial and the national S&Ds. The total commercial stocks are calculated using stocks from the licensed system added to stocks in unlicensed positions. Wheat stocks in unlicensed positions are obtained from the **Miller’s Monthly Report**, a Statistics Canada survey.

The licensed commercial stock data (or visibles) are produced by the Canadian Grain Commission (CGC) and exclude dockage. The data are received through regular reports from CGC licensees. The stocks consist of grain supplies held at licensed primary (country), process, transfer and terminal elevators, grain held in condominium storage and grain in-transit in rail cars and ships. The in-transit stocks are calculated for the Great Lakes, the railway Western Division and the railway Eastern Division.

Commercial stocks of special crops are obtained from Statistics Canada surveys of special crop companies. Commercial stocks of corn and soybeans are also obtained from Statistics Canada surveys of grain elevators.

Producer deliveries

Producer delivery data appear in the farm and the commercial S&Ds. The deliveries are a supply at the commercial level and a disposition at the farm level, thereby cancelling out for the total S&D (see Survey Estimates).

Western Canada

The largest portion of western delivery data are **licensed** deliveries published by the Canadian Grain Commission. Producer deliveries to licensed facilities are monitored by the Canadian Grain Commission. Licensees are required to provide weekly company summaries of the cash or storage ticket information to the Commission under the Canada Grains Act.

These deliveries are considered complete since they represent all deliveries reported on cash tickets or storage tickets to all licensees. There is no sampling or benchmarking. However, some licensees report only on a monthly basis and there is occasional non-reporting. The data collection, edit and publication methods employed by the Canadian Grain Commission have remained fairly consistent; therefore, the final data are comparable over time although there can be significant time lags. Further, a lack of analysis on a regular basis during the crop year can produce some large anomalies. The Grain Marketing Unit regularly analyzes the data and does consult with the Commission on apparent problems.

Provincial grain delivery data published by the Canadian Grain Commission represent the province where the licensed facilities are located. The data do not represent the province where the grain was grown or where the producers live. It is known that some producers cross provincial borders to deliver their grain to elevators but little data are available on the quantities of grain in question except for canola. Estimates of inter-provincial canola movement to crushing plants are obtained from the monthly survey of crushers –**Report of Crushing Operations** and are used to adjust the provincial canola deliveries.

Unlicensed deliveries for western Canada are estimated by the Grain Marketing Unit and are added to the licensed delivery totals. These unlicensed deliveries represent deliveries to unlicensed facilities (feed mills, distillers, ethanol and biodiesel plants and direct exports).

Deliveries to western unlicensed feed mills are estimated from the **Feed Grain Purchases Survey** conducted by the Agriculture Division of Statistics Canada and supplemented by trade information. This survey also provides information on inter-provincial movement related to feed grain purchases by feed mills. Historically, deliveries to western unlicensed feed mills were estimated on the basis of the **Annual Survey of Manufactures** or with deliveries to designated purchasers under the Western Grain Stabilization Program.

Eastern Canada

The Canadian Grain Commission produces delivery data for licensed facilities in eastern Canada; however, a significant portion of the eastern grain moves through unlicensed channels. Therefore, the Grain Marketing Unit uses a variety of other sources to produce the eastern delivery data that are published in the farm supply-disposition tables.

In Ontario, deliveries of corn, soybeans, wheat and canola are derived from administrative check-off data maintained by the Ontario Corn Producers' Association, the Ontario Soybean Growers' Association, the Ontario Wheat Producers' Marketing Board and the Ontario Canola Growers' Association. In 2009, the wheat, corn and soybean associations combined to form **Grain Farmers of Ontario**.

Under the Ontario Soybean Growers' regulations, all soybean sales must be reported to the board. Most of the sales are reported by grain dealers.

The Ontario Corn Producers' Association check-off system came into effect in 1984/85. All commercial buyers of corn must be licensed by the Ontario Ministry of Agriculture, Food and Rural Affairs and must deduct a levy for every tonne of corn they purchase. Seed corn, corn fed on farms, inter-farm sales and sales out of the province are excluded.

Historically, the Ontario Wheat Producers' Marketing Board was the sole selling agency for wheat grown in Ontario and sold outside the farm sector. Ontario wheat marketing data were obtained from the Board's administrative data. As of 2003 and after a phase-in period that began in 2000, farmers have the option of direct marketing their crop both within Ontario and for export without an exemption certificate. However, the Board is still able to provide the deliveries of both Board and non-Board wheat because of a revision to the Board's legislation that requires license fees to be collected on all wheat marketed, except farm to farm sales. Further, there are now requirements under the Grain Financial Protection Program of the Farm Product Payment Act for the Board to report sales of non-Board wheat to AGRICORP, the Ontario crop insurance corporation.

In Quebec, the quantity of wheat milled was used historically to estimate deliveries. Data are now obtained from La Fédération des producteurs de cultures commerciales du Québec. This is the same source for the barley delivery data.

The oat deliveries originate from the **Millers Monthly Report.**

No marketing data are available for the Atlantic provinces.

Imports

Import data are a supply component in the national S&D. Imports are discussed in more detail under the Trade Data section.

Disposition data

Seed

Seed data are included in both the farm and the national S&Ds.

Seed requirements are based on average producer seeding rates multiplied by the area seeded. The average seeding rates are updated with an occasional **Survey of Seeding Progress** conducted by the Field Crop Reporting Unit of Statistics Canada.

Human food and industrial use

Human food and industrial use data are a component of the national S&Ds.

For the cereals, the human food data are mainly collected from the survey **Millers Monthly Report** and the **Survey of Grain Used for Industrial Purposes**. An adjustment is made to remove flour exports from the domestic use totals to avoid double counting. Historically, data from the **Annual Survey of Manufactures** supplemented the human food component of the S&Ds. The human food component is usually estimated on a current basis and is updated when the survey data become available. Since human food use tends to be fairly stable from year to year and the quantity is relatively small, the effect of an estimation error is considered limited. Further information on the millers' survey and the survey of grain used for industrial purposes may be found in the section Survey Estimates.

Industrial use of cereals for ethanol and biodiesel production is obtained from the **Survey of Grain Used for Industrial Purposes** and from the **Survey of Commercial Stocks of Corn and Soybeans.** Further information on these surveys may be found in the section Survey Estimates.

Industrial use data for the oilseeds are obtained from a monthly survey of Canadian oilseed crushers-**Report of Crushing Operations** conducted by the Grain Marketing Unit of Statistics Canada. Further information on the crushers' survey may be found in the section Survey Estimates.

Loss in handling

Loss-in-handling data are included in the national supply-disposition tables only.

The 'loss-in-handling' category includes drying loss, outturn loss (the difference between the loading and unloading weights of ships or railcars), fire loss, losses due to unusual circumstances such as train derailments and Maritime disasters. This category includes gains in the net weight of grain due to overages from weighovers and dockage shipped in flaxseed and canola within allowable tolerances. These adjustments data are compiled annually by the Canadian Grain Commission from information reported by licensees. During the crop year, losses in handling are estimated by the Grain Marketing Unit on advice from the Canadian Grain Commission.

Feed, waste and dockage

Feed, waste and dockage data are calculated residually in the S&Ds. The data are analyzed to ensure they relate to indicators such as the number of grain consuming animal units on farms and in feed lots, the harvest conditions affecting grain quality, the established ratios of dockage to delivered grain and grain inspections as reported by the Canadian Grain Commission.

Although analyses are conducted on these data, the quality of the feed numbers is dependent on the quality of the other data in the S&Ds. An unusual estimate in this category may indicate a problem with another data series such as production, deliveries or stocks, rather than a change in feeding patterns.

Exports

Exports are a major component of grain disposition in the national S&Ds. This is discussed in more detail in the Trade Data section.

Trade data

Export data

Grain exports are obtained mainly from the Canadian Grain Commission and represent export clearances from licensed facilities. Unlicensed exports of non-Board grains such as truck shipments of flaxseed or oats to the United States and exports of grain products (flour and malt), supplement the licensed exports. Unlicensed exports and product and special crop exports are obtained from the International Trade Division of Statistics Canada.

The Canadian Grain Commission data are obtained during the daily weighing, grading and loading of grain at terminal and transfer elevators. Primary elevator companies also report direct exports from their facilities. Export clearances are termed "net"; however, exports of flaxseed and canola normally include some dockage.

The Canadian Grain Commission publishes export data weekly in **The Grain Statistics Weekly** and monthly in **Exports of Canadian Grain and Wheat Flour**. Final detailed crop year data are released in **Canadian Grain Exports**, usually in the month of November following the end of the crop year.

Unlicensed exports to the United States are the difference between the licensed data provided by the Canadian Grain Commission and the total (licensed and unlicensed) exports published by the International Trade Division of Statistics Canada. Canadian exports to the United States are provided to the International Trade Division by the US Bureau of Commerce and are based on US customs import documents. Trade data from Statistics Canada are classified according to the Harmonized System (H.S.), an international commodity classification. The HS commodity codes for grain and grain products are shown in Text Table I.

The Canadian Grain Commission export data are used for durum wheat and barley exports to all countries and for wheat (excluding durum), oats and canola exports to all countries except the United States. For wheat (excluding durum), oats and canola **exports to the United States**, Statistics Canada data are used. Statistics Canada data are also the source for rye and flaxseed exports, product exports such as flour and malt and special crop exports. The product exports are converted to grain equivalents using factors developed from the **Miller's Monthly Report**.

Import data

Import data are obtained from the International Trade Division of Statistics Canada. These data are derived from administrative records collected by the Canada Border Services Agency.

The Canadian Grain Commission compiles import data moving into the licensed system. These data are not used because a large portion of grain imports does not enter the licensed system.

Data quality

The Canadian Grain Commission reconciles their export data for the western Board grains (wheat, durum wheat and barley) with Canadian Wheat Board monthly sales reports. The Canadian Wheat Board, the sole seller of wheat and barley for human consumption or for export in western Canada maintains records of sales and shipments of their products. The Canadian Grain Commission works closely with the Board to ensure the accuracy of these export data. Regular inquiries from companies trading grain also serve as a check on the Commission's export data.

The Grain Marketing Unit does a regular review of the grain export data from the Canadian Grain Commission and from Statistics Canada's International Trade Division. Attempts are made to reconcile the two series whenever possible while still considering the differences in methodology. Timing of the receipt of documents by the two agencies may sometimes result in temporary data discrepancies.

When goods are imported into or exported from Canada, declarations must be filed with Customs giving such information as description and value of the goods, origin and port of clearance of commodities and the mode of transport. Most of this information is required for the purposes of Customs Administration. Statistics developed from administrative records of Customs are commonly referred to as Custom-based trade statistics.

Custom-based trade statistics are more accurate at measuring imports than they are at measuring exports. This is the case because Customs are typically more vigilant with respect to goods entering the country than they are with goods leaving the country.

Custom-based export statistics may understate and/or incorrectly portray the destination of exports. Export statistics are understated when the proper documentation is not filed with Customs. Exports are incorrectly portrayed when the country of final destination is inaccurately reported on the customs documentation - this occurs most frequently when goods are routed through an intermediary country before continuing on their final destination.

Statistics Canada does not have a measure of undercoverage but periodically conducts reconciliation exercises with its major trading partners – excluding the United States.

International data

Data used in the International S&Ds and in the International Oilseeds Data table of this publication originate with Statistics Canada, Agriculture and Agri-Food Canada, the Foreign Agricultural Service of the United States Department of Agriculture and OIL WORLD. Countries around the world have different marketing years (i.e. August-July, October-September, etc.) due mainly to climatic differences. Since marketing years are not consistent between countries, care should be taken in adding stocks for these differing periods.

Price data

The price data used in this publication are obtained from a wide variety of sources. Canadian **cash grain prices** are obtained from The Canadian Wheat Board, ICE Futures Canada, The Ontario Wheat Producers' Marketing Board, the Ontario Corn Producers' Association, the Ontario Soybean Growers, Provincial departments of agriculture and the United Nations. **Canola oil and meal prices** are obtained from a survey of industrial firms done by the Agriculture Division of Statistics Canada. Cash grain prices for the United States are obtained mainly from United States Department of Agriculture regional offices. **Board prices** are obtained from the Canadian Wheat Board. The Canadian Wheat Board also provides the Pool Return Outlook and Estimated Pool Return data. **Future prices, volumes and open interest data** are those published by ICE Futures Canada and CME Group (formerly The Chicago Board of Trade), The Kansas City Board of Trade and The Minneapolis Grain Exchange in the United States. **Exchange rates** are obtained from the Bank of Canada. **Special crop prices** are daily bids obtained directly from some of the major firms purchasing these crops. The monthly and crop year **average prices** are simple, non-weighted averages.

Special crops data

Special crop production and farm stock data are obtained in the same manner as the major grains (See Production and Farm Stocks). Commercial stock data are obtained from a survey of special crop companies (see **Survey of Commercial Stocks of the Major Special Crops**). Import and export data are obtained from Statistics Canada's International Trade Division and are obtained from Customs documents. Delivery data are estimated from the **Grains and Specialty Crop Survey**, levy data obtained from provincial associations, input from special crop processors and industry analysts and from supply-disposition analyses.

Survey estimates

Millers surveys

Survey description and frame

The **Miller's Monthly Report** is a monthly census of companies milling over 500 metric tonnes of grain in Canada for human consumption. Companies milling very small quantities are surveyed annually on the **Miller's Annual Report**. These surveys began in 1925.

The mailing list for the survey is updated annually from the Annual Survey of Manufactures. Updates are also regularly obtained from trade sources and from the survey itself.

The data collected comprise part of the domestic disappearance of grains for human uses contained in the national supply-disposition tables for the major grains. The data are also used by governments, grain millers, farmers and other businesses for the purpose of market research and consultation.

In addition, the annual survey is used in the determination of expansion factors for the monthly data and to determine the final crop-year totals for the previous year.

Instrument design

The respondent completes a paper questionnaire. The last redesign of the questionnaire was in 2000. The collection is done by mail with telephone follow-up.

The questionnaire asks for the amount of grain milled, products produced by grade, stocks in mill bins (unlicensed positions), operating days and plant capacity. Some of these data are used for internal purposes such as S&D analyses and are not published.

Error detection, imputation and data quality

Questionnaires are checked prior to data entry to ensure that the total quantity of flour and millfeeds produced is comparable to the quantity of wheat milled. Summarized data are reviewed for extreme variability from month-to month and compared to estimates of other plants producing similar products.

Current month data are imputed when necessary based on same plant, previous month. Data are revised on or after the annual survey or when actual data are received. Occasionally, data are also available from industry sources. The impact of imputation is considered small since the data are fairly stable on a month-to-month basis. The survey data are not benchmarked.

Total milling estimates from this survey are compared to grain milled reported by the Canadian Grain Commission licensees and obtained from their '**Weekly Report of Grains at Process Elevators**'. Average extraction rates and supply-disposition analyses also aid in data validation.

Data accuracy

While considerable effort is made to ensure high standards throughout all stages of collection and processing, the resulting estimates are inevitably subject to a certain degree of non-sampling error. Examples of non-sampling error are coverage error, data response error, non-response error and processing error. The major source of non-sampling error for this survey is considered to be data response error.

Coverage error can result from incomplete listing and inadequate coverage of the population of mills. However, given the infrastructure and the supplies of grain needed for a mill, it is unlikely that a new plant could start-up undetected and that any coverage error would be temporary and would have only a minimal effect on the resulting estimates. The estimates also include data from the small mills reporting to the **Millers Annual Report.**

Data response error may be due to questionnaire design, the characteristics of a question, inability or unwillingness of the respondent to provide correct information, misinterpretation of the questions or definitional problems. These errors are controlled through careful questionnaire design and the use of simple concepts and consistency checks. This survey has been in place for many years and most respondents are well versed in the survey concepts.

Non-response error is related to respondents that may refuse to answer, are unable to respond or are too late in reporting. In these cases, data are imputed. The extent on any imputation error decreases with increases in the response rate and attempts are therefore made to obtain as high a response rate as possible. Final response for this survey is about 90% on a monthly basis and 100% annually. Analysts keep in contact with the mills and the related industry associations to maintain the high response rate.

Processing error may occur at various stages of processing such as data entry, editing and tabulation. Measures have been taken to minimize these errors. A few trained staff work on this survey. Data entry and edit are performed simultaneously due to the spreadsheet design which allows errors to be quickly seen. Historical ratios also aid in eliminating outliers created by data entry. Tabulation is automated to eliminate human error.

Report on Crushing Operations

Survey description

The Report on Crushing Operations is a monthly census of oilseed crushing plants in Canada. The data are part of supply-disposition statistics of major grains and allow the calculation of the domestic disappearance component. They are also required to verify grain production and farm stocks.

Reference period

This survey is based on the calendar month. This survey became active in August 1971.

Survey frame

The universe consists of eleven crushing plants. Updates are rare and are obtained from trade sources.

Instrument design

Data are collected direct from respondents on paper questionnaires with facsimile follow-up. The questionnaire was last revised in 1999.

The information requested includes seed crushed and oil and meal produced and the related month-end stocks; receipts of canola from producers by province; and imports for crushing.

Stocks of canola include those owned by the reporting companies and held at crushing plants, in transit and at export positions. Stocks of soybeans are those held at crushing plants only. No data are available on soybeans in-transit or at export positions; however, the volume of soybeans in such positions is considered to be small.

Canola meal produced may include some additives such as water or kaolin. This may occasionally result in a larger amount of canola oil and meal produced than seed actually crushed.

Error detection

Data quality is maintained by standard editing techniques that are particularly rigorous with this survey because it is small. Questionnaires are scanned before data entry. After data entry, each manufactured product is checked to ensure that recovery rates fall within established edit limits. Other edits include ensuring plants report the commodities and the approximate volume expected; comparing current data to data from previous months and by comparing trends between plants.

Compiled data are reconciled with Canadian Grain Commission crush data as obtained from the **'Weekly Report of Grains atProcess Elevators'.** The Canadian Grain Commission does not obtain data from unlicensed crushers. Published survey data are monitored closely by the Canadian Oilseed Processors Association and by Canadian crushing companies. Due to the numerous check mechanisms on the survey estimates, the overall data quality is considered to be very good. Revisions to this series are usually minimal. No benchmarking is necessary.

Confidentiality

While considerable effort is made to ensure high quality standards throughout all stages of collection and processing, the resulting estimates are inevitably subject to a certain degree of non-sampling error. Examples of non-sampling error are coverage error, data response error, non-response error and processing error. The major sources of non-sampling error are response errors, such as reporting seed with dockage instead of clean seed. Estimation is kept at a minimum because of follow-up procedures and good industry cooperation.

Coverage error can result from incomplete listing and inadequate coverage of the population of crushing plants. However, given the infrastructure and the oilseed supplies needed for a crushing plant, it is unlikely that a new operation could start-up undetected. The Canadian Oilseed Processors Association also aids in list maintenance.

Data response error may be due to questionnaire design, the characteristics of a question, inability or unwillingness of the respondent to provide correct information, misinterpretation of the questions or definitional problems. These errors are controlled through careful questionnaire design and the use of simple concepts and consistency checks. This survey has been in place for many years and most respondents are well versed in the survey concepts.

Non-response error is related to respondents that may refuse to answer, are unable to respond or are too late in reporting. In these cases, discussions are held with the respondents. Data are never imputed. Analysts keep in contact with the crushing plants and the Canadian Oilseed Processors Association to maintain the 100% response rate.

Processing error may occur at various stages of processing such as data entry, editing and tabulation. Measures have been taken to minimize these errors. A few trained staff work on this survey. Data entry and edit are performed simultaneously due to the spreadsheet design. Tabulation is automated to eliminate human error.

Survey of commercial stocks of corn and soybeans

Survey description

The survey collects data on stocks of corn and soybeans in unlicensed, commercial elevators and on industrial use of corn for food, distilling or ethanol. (Industrial users normally operate elevators that accumulate grain prior to processing). The mail survey is conducted three times a year: December 31, March 31 and August 31 (the end of the crop year for corn and soybeans) to coincide with surveys collecting data on farm stocks.

Survey frame

The survey frame is updated once a year from administrative records maintained by the Ontario Ministry of Agriculture, Food and Rural Affairs. This list of grain elevators is exhaustive and regularly updated. Each fall, after ensuring that the frame is current, a sample of more than 100 elevator firms is randomly selected that stratifies by elevator capacity and type of elevator (country, feed or industrial use). The sample remains the same for the three surveys conducted within that crop year.

Edit and imputation

After telephone follow-up, completed questionnaires are received from more than 90% of the sample. Data are compared historically, when possible, against the corresponding data from a year earlier and also relative to the elevator's registered capacity. Non-responses (including partial non-responses, no contacts and refusals) are concentrated in those elevators with smaller capacities. Partials are imputed from last year's historical figures, when possible. Otherwise, non-responses are imputed using the nearest-neighbour approach within the stratum. On rare occasions, when a missing questionnaire appears to be for a unique elevator, the initial sample weights are adjusted.

Instrument design

This originated as a mail survey with telephone follow-up. It was converted to an Internet survey. A few respondents are unable to report electronically. Therefore, a combination of Internet and paper reporting is being used. There are two questionnaires – one for industrial users and one for country elevators.

Both questionnaires request the volume of company–owned stocks and of stocks held for others. In addition, industrial users are asked how much corn they used for processing purposes in to-date in the crop year which runs from September 1 to August 31.

Data accuracy

The stocks and industrial use estimates are generated at the provincial level and are used in S&D analysis. The survey's stocks estimates are added to licensed stocks, published by the Canadian Grain Commission, to obtain total commercial stocks.

While considerable effort is made to ensure high standards throughout all stages of collection and processing, the resulting estimates are inevitably subject to a certain degree of non-sampling error. Non-sampling error is not related to sampling and may occur for many reasons. For example, non-response or incomplete responses are important sources of non-sampling error. Population coverage, differences in the interpretations of questions and mistakes in recording and processing data are other examples of non-sampling errors.

Non-sampling errors are controlled through a careful design of the questionnaire, the use of a minimal number of simple concepts, consistency checks and automated edits. Measures such as response rates are used as indicators of the possible extent of non-sampling errors. The response rate for this survey ranges from 90-95%. The non-sampling error associated with the provincial estimates is believed to be negligible due to (a) the few variables collected, (b) the limited size of the sample, and (c) the manual editing done by a subject-matter person prior to data capture.

Sampling error can be measured by the standard error (or standard deviation) of the estimate. The coefficient of variation (CV) is the estimated standard error percentage of the survey estimate. Estimates with smaller CVs are more reliable than estimates with larger CVs. The CVs for the total stocks are in the range of 3-4%. Generally any estimate with a C.V. value under 5% is considered to be of excellent quality.

Survey of commercial stocks of the major special crops

Survey description

The survey collects data on national, commercial stocks of peas, lentils, mustard, canary seed, sunflower seed and chickpeas.

The survey is conducted three times a year: December 31, March 31 and July 31 to coincide with surveys collecting data on farm stocks.

Reference period

This survey is conducted with reference dates of December 31, March 31 and July 31. The first survey took place in August 2000 and data were collected for the periods July 1999 and July 2000.

Survey frame

All companies known to store special crops, whether licensed or unlicensed, are included. Special crop dealers with no storage facilities or companies that maintain stocks in US positions only are excluded.

The original mailing list was provided by the Canadian Special Crops Association. Additions were made from the licensee list of the Canadian Grain Commission and from lists maintained by Saskatchewan Agriculture and Alberta Agriculture and Rural Development. As well, updates continue to be made from trade sources.

Instrument design

This originated as a mail survey with telephone follow-up. It was converted to an Internet survey. A few respondents are unable to report electronically. Therefore, a combination of Internet and paper reporting is being used.

Data are obtained for canary seed, chickpeas, dry field peas, lentils, mustard seed and sunflower seed. The questionnaire requests the volume of company-owned stocks and of stocks held for others. There are two types of stocks held for others: held for farmers and held for companies.

Quantities held for farmers comprise part of the commercial stocks since these stocks have physically left the farm and would not be included in the farm stock data. The identification of quantities held for companies permits the removal of duplicate reporting. In the special crops business, some companies sell their crops to others for export while still maintaining the stocks in their own facilities. While the seller would report these stocks as held for others, the purchaser would report these stocks as company owned.

Error detection

There is little imputation as the response rate is high and editing procedures are rigorous. Data are verified by comparison to previous reports and by comparing trends between companies. Commercial stock estimates are combined with the farm stock estimates to produce total stock estimates. These data are then analyzed in national supply-demand tables and are compared to industry forecasts.

Revisions, if required, will be made during the analysis of subsequent stock surveys. There is no confidentiality for the survey estimates since forms have been provided by all of the major firms which permit publication of the survey totals.

Data accuracy

While considerable effort is made to ensure high standards throughout all stages of collection and processing, the resulting estimates are inevitably subject to a certain degree of non-sampling error. Examples of non-sampling error are coverage error, data response error, non-response error and processing error.

Coverage error can result from incomplete listing and inadequate coverage of the population. This industry is relatively new and there have been many changes to the universe. However, a wide variety of sources are used to regularly update the universe including member lists from the Canadian Special Crop Association, licensees of the Canadian Grain Commission and lists of special crop exporters and marketers compiled by provincial governments and others. Press clippings are also monitored daily. Since relatively few companies make up the majority of the stocks, it is generally believed that any under coverage would be small.

Data response error may be due to questionnaire design, the characteristics of a question, inability or unwillingness of the respondent to provide correct information, misinterpretation of the questions or definitional problems. These errors are controlled through careful questionnaire design and the use of simple concepts and consistency checks. However, the respondents have been changing quickly due to company amalgamations and bankruptcies and some lack the background to ensure consistency. Therefore, the survey analysts are conscious of the need to monitor reporting and to discuss any anomalies with the companies in question.

Non-response error is related to respondents that may refuse to answer, are unable to respond or are too late in reporting. In these cases, data are imputed. This is considered to be the most likely source of any error for this survey. The extent of any imputation error decreases with increases in the response rate and attempts are therefore made to obtain as high a response rate as possible while minimizing the response burden. Analysts liaise with the companies and the related industry associations to maintain the high response rate of approximately 95% for the whole survey. The response may be less for individual commodities.

Processing error may occur at various stages of processing such as in data entry and tabulation. Measures have been taken to minimize these errors. Only a few trained staff work on this survey. Edits in the electronic reporting system prevent the entry of outliers by respondents. The spreadsheets used for data entry and tabulation of both the electronically reported data and the data reported on paper permit the analysts to quickly detect apparent anomalies. It is considered that processing errors are minimal.

Feed grain purchases survey

Survey description

The survey addresses a gap in the Western Provinces regarding the value of feed grains. The survey data are used to update the quantities and values of grain deliveries. The quantities are used to improve the estimates of unlicensed grain deliveries in farm supply-disposition tables that in turn improve the estimates of crop production and farm stocks. The values are subsequently used to improve the published farm cash receipts and by the Canadian System of National Accounts (CSNA) to calculate the Gross Domestic Product (GDP) and related variables.

Collection period

Twice a year, at the end of the crop year (July 31st) and the calendar year (December 31st).

Target population

Sixteen companies, which report for all of their subsidiary locations across the Western Provinces. These firms are feed mills that buy grain directly from farmers or from grain dealers. The list of mills was obtained from industry discussions and from the Animal Nutrition Association of Canada. The list is maintained from trade sources and from the survey itself. Feed lots are excluded.

Instrument design

The questionnaire was designed in consultation with internal and external specialists, as well as some respondents, before the start of the survey in 2003.

Sampling

This survey is a census with a cross-sectional design.

Data are collected for all units of the target population, therefore no sampling is done.

Data sources

Responding to this survey is mandatory. Data are collected directly from survey respondents and extracted from administrative files.

The first collection period was in July 2003. The collection is done by mail with mail/facsimile and telephone follow-up.

The questionnaire asks for the crop year to-date quantities of feed grains purchased from farmers and grain dealers by grain. The data are requested for grains originating from individual provinces in the west, for the total east, for other countries and in total.

Error detection

Questionnaires are checked prior to data entry to ensure that the geographic distributions add to the total. In July, data are compared to the December reports to ensure the July data are at least equal to the crop year to-date data reported in December. Reported data are also compared to previous reports to ensure that the commodities reported are the same. Any changes are reviewed for reasonableness given the current availability of feed and the number of livestock.

Data are not generally imputed. Data are revised for non-response or for incorrect reporting when revisions are received. The survey data are not benchmarked.

Data accuracy

Since this is not a sample survey, there is no sampling error.

While considerable effort is made to ensure high standards throughout all stages of collection and processing, the resulting estimates are inevitably subject to a certain degree of non-sampling error. Examples of non-sampling error are coverage error, data response error, non-response error and processing error. The major sources of non-sampling error for this survey are considered to be coverage error and non-response error.

Coverage error can result from incomplete listing and inadequate coverage of the population of feed mills. While coverage is considered to be very good in Manitoba and Saskatchewan, there have been difficulties identifying the mills in Alberta. There are also many feed mills that purchase only small quantities occasionally. The effect of not including every small mill in the survey is considered to be negligible.

Data response error may be due to questionnaire design, the characteristics of a question, inability or unwillingness of the respondent to provide correct information, misinterpretation of the questions or definitional problems. These errors are controlled through careful questionnaire design and the use of simple concepts and consistency checks. However, this survey is relatively new and some respondents not be well versed in the survey concepts which introduces some non-sampling error.

Non-response error is related to respondents that may refuse to answer, are unable to respond or are too late in reporting. In these cases, data are generally not imputed. Attempts are therefore made to obtain as high a response rate as possible. Final response for this survey is about 90% annually.

Processing error may occur at various stages of processing such as data entry, editing and tabulation. Measures have been taken to minimize these errors. A few trained staff work on this survey and review the estimates. Tabulation is automated to eliminate human error.

Survey of Grain Used for Industrial Purposes

Description

This is a survey of plants using grain mainly to produce ethanol or biodiesel in western Canada. There are few plants, but their numbers are increasing and they use significant volumes of grain.

The use data are split into purchases from licensed grain companies and from farmers.

The data are required by the Agriculture Division of Statistics Canada for calculations of grain deliveries and supply-demand. These data are then used to determine grain stocks and production and farm cash receipts.

Collection period

The survey is conducted three times per year to coincide with calculations of farm stocks at December 31, March 31 and July 31.

The target population

The target population consists of plants using grain mainly to produce ethanol or biodiesel in western Canada. Plants using grain for other industrial purposes may also be surveyed.

Instrument design

The questionnaire was designed in consultation with internal and external specialists, as well as some respondents, before the start of the survey in 2008.

Sampling

This survey is a census with a cross-sectional design.

Data are collected for all units of the target population, therefore no sampling is done.

Data sources

Responding to this survey is mandatory. Data are collected directly from survey respondents.

The first collection period was in July 2008. The collection is done by mail with mail/facsimile and telephone follow-up.

The questionnaire asks for the crop year to-date quantities of grain used, primarily wheat and corn, and on the stocks of grain at the plants.

Error detection

Data are compared to the previous reports to ensure the data are at least equal to the crop year to-date data reported earlier.

Reported data are also compared to previous reports to ensure that the commodities reported are the same.

Any changes are reviewed for reasonableness given grain pricing and plant capacity.

Imputation

Data are not generally imputed.

Quality evaluation

This is a census and the data quality is maintained by standard editing techniques which are rigorous. Apparent data discrepancies are either scrutinized by professional staff or the company involved is contacted. Supply and disposition trends, used by government and industry stakeholders, help to confirm the results of the survey.

Revisions and seasonal adjustment

Data are revised for non-response or for incorrect reporting when revisions are received. The survey data are not benchmarked.

Data accuracy

Since this is not a sample survey, there is no sampling error.

While considerable effort is made to ensure high standards throughout all stages of collection and processing, the resulting estimates are inevitably subject to a certain degree of non-sampling error. Examples of non-sampling error are coverage error, data response error, non-response error and processing error. The major source of non-sampling error for this survey is considered to be coverage error and non-response error.

Coverage error can result from incomplete listing and inadequate coverage of the population of biofuel plants.

Data response error may be due to questionnaire design, the characteristics of a question, inability or unwillingness of the respondent to provide correct information, misinterpretation of the questions or definitional problems. These errors are controlled through careful questionnaire design and the use of simple concepts and consistency checks. However, this survey is relatively new and some respondents may not be well versed in the survey concepts which may introduce some non-sampling error.

Non-response error is related to respondents that may refuse to answer, are unable to respond or are too late in reporting. In these cases, data are generally not imputed.

Attempts are therefore made to obtain as high a response rate as possible. Final response for this survey is expected to be 90%.

Processing error may occur at various stages of processing such as data entry, editing and tabulation. Measures have been taken to minimize these errors. A few trained staff work on this survey and review the estimates. Tabulation is automated to eliminate human error.

Revision policy/Data comparability

As a general policy, revisions are included in the next issue of the publication.

Every attempt is made to keep the methods comparable over time. When this is not possible, an attempt is made to revise the methods used and the accompanying data back to the last Census of Agriculture year. The Census is conducted every five years.

The S&Ds are updated about five times per year. Major updates include new production or stock data, annual revisions to import and export data by the International Trade Division of Statistics Canada and the release of final crop year data on commercial stocks, deliveries, exports, and domestic disappearance by the Canadian Grain Commission.

Production and farm stock data, produced by Statistics Canada, are subject to revision for two years after first being published. Further revisions may be made during intercensal revisions. Revisions are a result of benchmarking to the last Census of Agriculture.

Canadian Grain Commission data on deliveries, commercial stocks and exports are subject to constant revisions throughout the current crop year. Following the end of the crop year, revisions are made at about week six of the new crop year and in the following spring. No further revisions are made.

Trade data produced by the International Trade Division of Statistics Canada are revised monthly during the current calendar year for the major grains and quarterly for the special crops. At the end of the calendar year, the previous four years are open for revisions.

Revisions to oilseed crushing survey data, although rare, are made when received from the crushers and are released monthly.

Revisions to milling data are made when received from the millers and are published monthly. At the end of the crop year, data from the annual survey (smaller mills) results in the largest adjustment of the year.

Appendix I

Supplementary tables – Feed Grains Purchases Supplement

Table A
Feedmill grain purchases direct from western Canadian farmers and grain dealers, by province of origin

	Grains originating from				
	Manitoba	Saskatchewan	Alberta and British Columbia	Other countries	Total
	metric tonnes				
Barley					
August to December					
2010	35,702	37,886	41,953	0	115,541
2009	38,510	39,395	35,751	0	113,656
2008	50,742	34,228	47,580	0	132,550
2007	30,901	16,250	54,233	0	101,384
2006	22,458	39,646	77,256	0	139,359
August to July					
2010/2011	76,060	89,862	97,612	0	263,535
2009/2010	107,014	102,088	95,708	0	304,810
2008/2009	137,893	99,829	116,055	0	353,777
2007/2008	69,678	43,908	117,393	0	230,979
2006/2007	55,733	84,651	159,828	0	300,212
Corn					
August to December					
2010	24,136	x	x	60,826	86,075
2009	8,018	x	x	39,187	47,638
2008	38,813 [1,2]	x	x	36,713	75,526
2007	67,898 [1,2]	x	x	123,492	191,390
2006	17,311 [1]	x	x	93,092	110,430
August to July					
2010/2011	60,388	x	x	120,561	182,462
2009/2010	49,590	x	x	125,471	177,113
2008/2009	60,485	x	x	119,659	187,859
2007/2008	95,093	x	x	314,860	414,416
2006/2007	59,708	x	x	157,239	221,337
Oats					
August to December					
2010	1,622	1,686	5,717	0	9,025
2009	2,183	1,644	5,080	0	8,907
2008	1,539	1,490	10,162	0	13,191
2007	1,707	1,690	8,086	0	11,483
2006	3,229	2,085	7,980	0	13,294
August to July					
2010/2011	3,804	2,704	14,732	0	21,241
2009/2010	4,777	3,320	11,481	0	19,578
2008/2009	3,622	4,114	17,136	0	24,872
2007/2008	5,788	3,817	16,552	0	26,156
2006/2007	5,082	4,074	17,685	0	26,841
Peas					
August to December					
2010	x	7,785	7,710	x	19,222
2009	x	3,455	4,869	x	9,086
2008	x	4,285 [3]	6,242	x	10,527
2007	x	1,813	5,866	x	10,985
2006	x	2,292	6,825	x	12,171
August to July					
2010/2011	x	15,247	13,150	x	33,765
2009/2010	x	11,632	10,377	x	25,458
2008/2009	x	10,238	8,795	x	23,518
2007/2008	x	7,846	13,017	x	26,332
2006/2007	x	3,435	15,673	x	21,394

See notes at the end of the table.

Table A – continued

Feedmill grain purchases direct from western Canadian farmers and grain dealers, by province of origin

	Grains originating from				
	Manitoba	Saskatchewan	Alberta and British Columbia	Other countries	Total
	metric tonnes				
Wheat (excluding durum)					
August to December					
2010	30,583	40,839	56,072	0	127,494
2009	29,365	12,624	32,038	0	74,027
2008	32,176	13,936	41,772	0	87,884
2007	21,767	11,427	75,186	0	108,380
2006	16,248	26,751	53,022	0	96,021
August to July					
2010/2011	56,463	96,449	156,226	0	309,138
2009/2010	68,597	43,483	97,039	0	209,119
2008/2009	70,738	45,974	88,764	0	205,476
2007/2008	43,302	30,392	110,043	0	183,738
2006/2007	51,140	62,955	154,712	0	268,807
Other grains [4]					
August to December					
2010	x	x	x	x	15,520
2009	x	x	x	x	5,949
2008	x	x	x	x	623
2007	x	x	x	x	535
2006	x	x	x	x	3,080
August to July					
2010/2011	x	x	x	x	23,250
2009/2010	x	x	x	x	16,168
2008/2009	x	x	x	x	2,941
2007/2008	x	x	x	x	1,753
2006/2007	x	x	x	x	4,267
Total					
August to December					
2010	102,051	89,211	120,788	60,826	372,876
2009	83,979	57,420	78,677	39,187	259,263
2008	123,270	53,939	106,379	36,713	320,301
2007	125,732	31,180	143,507	123,738	424,157
2006	61,446	70,800	146,339	95,770	374,355
August to July					
2010/2011	208,412	205,363	299,054	120,561	833,390
2009/2010	245,908	163,694	217,173	125,471	752,246
2008/2009	278,483	161,517	238,784	119,659	798,443
2007/2008	220,361	86,641	260,911	315,460	883,374
2006/2007	173,213	159,268	351,502	158,874	842,857

1. Includes a small amount of Alberta corn.
2. Includes a small amount of Saskatchewan corn.
3. Includes a small amount of Manitoba peas.
4. Excludes grain products (soybean meal, canola meal, etc.).

Note(s): Excludes feedlots. Excludes feedmill purchases from licensed grain companies. Coverage of companies in Alberta is incomplete. Totals may not agree due to rounding.

Source: Statistics Canada, Agriculture Division, Feed Grain Purchases Survey.