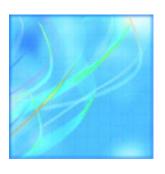
Cereals and Oilseeds Review

October 2011





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- . 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
darley	1003.00.11.00	1003.00.10
Barley	1003.00.12.00	1003.00.90
Barley	1003.00.91.10	
arley	1003.00.91.90	
arley	1003.00.92.10	
arley	1003.00.92.90	1101 10 10
arley, rolled or flaked arley, rolled or flaked	1104.19.21.00 1104.19.22.00	1104.19.10
arley, vorked (hulled, pearled, etc)	1104.19.22.00	1104.29.10
arley, worked (hulled, pearled, etc)	1104.29.22.00	1101.20.10
eans	0713.31.10.10	0713.31.10
eans	0713.31.10.90	0713.31.90
eans	0713.31.90.00	0713.32.10
eans	0713.32.00.10	0713.32.90
eans	0713.32.00.90	0713.33.11
eans	0713.33.10.10	0713.33.19
eans	0713.33.10.90	0713.33.91
eans eans	0713.33.91.10 0713.33.91.20	0713.33.92 0713.33.93
eans	0713.33.99.10	0713.33.99
eans	0713.33.99.90	0713.39.10
eans	0713.39.10.00	0713.39.91
eans	0713.39.90.10	0713.39.92
eans	0713.39.90.90	0713.39.93
eans	0713.50.10.00	0713.39.99
eans	0713.50.90.10	0713.50.10
eans	0713.50.90.90	0713.50.90
eans (leguminous vegetable)	0713.90.90.10	0713.90.10
eans (leguminous vegetable)	0713.90.90.90	0713.90.90
uckwheat	1008.10.00.10	1008.10.00
uckwheat	1008.10.00.90	
uckwheat groats	1103.19.90.10	1009 30 00
anary seed anary seed	1008.30.00.10 1008.30.00.20	1008.30.00
analy seed	1205.10.00.10	1205.10.10
Canola	1205.10.00.10	1205.10.10
anola	1205.10.00.90	1205.10.90
anola	1205.90.00.10	1205.90.10
anola	1205.90.00.20	1205.90.20
anola	1250.90.00.90	1205.90.90
anola meal	2306.41.00.00	2306.41.00
anola meal	2306.49.00.00	2306.49.00
anola oil	1514.11.00.00	1514.11.00
anola oil	1514.19.00.00	1514.19.00
anola oil anola oil	1514.91.00.00	1514.91.10 1514.99.10
hickpeas	1514.99.00.00 0713.20.00.10	0713.20.10
hickpeas	0713.20.00.10	0713.20.10
hickpeas	0713.20.00.20	0713.20.99
nickpeas	0713.20.00.92	07 10.20.00
orn flour	1102.20.00.00	1102.20.00
orn meal and groats	1103.13.00.10	1103.13.00
orn meal and groats	1103.13.00.20	
orn meal and groats	1103.13.00.90	
orn	0712.90.10.30	
orn	1005.10.00.10	1005.10.10
orn	1005.10.00.90	1005.10.90
orn	1005.90.00.11	1005.90.00
orn	1005.90.00.12	
orn orn	1005.90.00.13 1005.90.00.14	
orn	1005.90.00.14	
orn	1005.90.00.19	
orn	1005.90.00.99	
urum semolina	.530.00.00.00	1101.00.20
urum wheat	1001.10.10.10	1001.10.00
urum wheat	1001.10.10.90	
urum wheat	1001.10.20.90	
axseed (linseed)	1204.00.00.00	1204.00.10
laxseed (linseed)		1204.00.20

Text table 1 - continued Harmonized system commodity codes, selected grains and products

Finasseed 124,00.90		H.S.code	H.S.code
Lentils		imports	exports
Lentils		0712 10 00 10	
Lentils			
Lentils			
Lentils Linsed of meal Linseed of 1 1971-1971 1971-1971 1971-1971 1971-1971 1971-1971 1971-1971 1971-1971-			
Lentils			07 13.40.99
Linseed oil 1515-110.000 1515-110.000 1515-19.00 1515-1			
Linseed oil 1515-11,00			2306.20.00
Linseed oil 1515.19.00.00 1515.19.00.00 1107.10.10.00 Malt 107.10.11.00 1107.10.10.00 Malt 1107.10.12.00 1107.20.00 Malt 1107.10.12.00 1107.20.00 Malt 1107.10.12.00 1107.20.00 Malt 1107.10.12.00 Malt 1107.10.12.00 Malt 1107.10.12.00 Malt 1107.20.12.00 Malt 1107.20.00			
Mait			
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Malt	Malt		
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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
	CEAD	Canada Eastern Amber Durum
Durum wheat	CWAD	
Durum wheat		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 White Writer
Wheat	CESWS	Canada Eastern Soft White Spring
Wheat	CERS	Canada Eastern Soft White Spring Canada Eastern Red Spring
wiicat	CERO	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

001-0001	Producer deliveries of major grains, Canada and selected provinces, monthly
001-0004	Estimated summerfallow areas, annual
001-0010	Estimated areas, yield, production and average farm price of principal field crops, in metric units, annual
001-0014	Area, production and farm value of potatoes, annual
001-0015	Exports of grains, by final destination, monthly
001-0017	Estimated areas, yield, production, average farm price and total farm value of principal field crops, in imperial units, annual
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
001-0040	Stocks of grain and oilseeds at March 31, July 31 and December 31, 3 times per year
001-0041	Supply and disposition of grains in Canada as of March 31, July 31, August 31 (soybeans only) and December 31, 3 times per year
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
001-0044	Milled wheat and wheat flour produced, Canada, monthly
002-0010	Supply and disposition of food in Canada, annual
002-0011	Food available in Canada, annual
002-0019	Food available by major groups in Canada, annual
003-0080	Nutrients in the food supply, by source of nutritional equivalent and commodity, annual

Selected surveys from Statistics Canada

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	Total		August to Octobe	
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^F
All wheat					
Area harvested					
Thousands of hectares	9,478	9,638	8,269	8,269	8,544
Thousands of acres Yield	23,422	23,817	20,434	20,434	21,112
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
		thousand	ds of metric tonnes		
Beginning stocks	2 225	4.700	2 227	2 227	2.704
On farms n commercial positions	2,335 4,753	1,783 4,764	3,327 4,502	3,327 4,502	2,701 4,488
otal beginning stocks	7,088	6,547	7,829	7,829	7,189
Production	25,305	26,848	23,167	23,167	25,261
mports	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 Total exports	254 17,614	226 18,481	218 16,192	62 4,194	70 4,333
	17,014	10,401	10,192	4,134	4,333
Domestic disappearance Human food	2,877	2,831	2,726		
ndustrial use	472	729	813		
Seed requirements	938	843	862		
oss in handling	36	32	34		
Animal feed, waste and dockage of the control of th	3,431 7,753	2,768 7,202	3,249 7,683	••	··
Ending stocks	7,069	7,829	7,189		
otal disposition	32,436	33,512	31,064		
	Average	Total		August to Octobe	or .
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^F
Durum wheat					
Area harvested					
Thousands of hectares	2,074	2,230	1,244	1,244	1,590
housands of acres field	5,124	5,510	3,075	3,075	3,930
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
		thousan	ds of metric tonnes		
On farms	746	735	2,000	2,000	700
On farms n commercial positions	746 1,202 1,948	735 1,168 1,903	2,000 708 2,708	2,000 708 2,708	700 883 1,583
On farms n commercial positions Total beginning stocks	1,202	1,168	708	708	883
On farms n commercial positions fotal beginning stocks Production	1,202 1,948	1,168 1,903	708 2,708	708 2,708	883 1,583
On farms n commercial positions fotal beginning stocks Production mports	1,202 1,948 4,772	1,168 1,903 5,400	708 2,708 3,025	708 2,708 3,025	883 1,583 4,172
On farms n commercial positions Fotal beginning stocks Production mports Fotal supplies	1,202 1,948 4,772 2 6,722	1,168 1,903 5,400 2 7,305	708 2,708 3,025 37 5,769	708 2,708 3,025 1 5,733	883 1,583 4,172 11 5,766
On farms no commercial positions Total beginning stocks Production mports Total supplies Exports Grain	1,202 1,948 4,772 2 6,722	1,168 1,903 5,400 2 7,305	708 2,708 3,025 37 5,769	708 2,708 3,025 1 5,733	883 1,583 4,172 11 5,766
On farms n farms n tarms notal beginning stocks Production mports Fotal supplies Exports Grain Products	1,202 1,948 4,772 2 6,722	1,168 1,903 5,400 2 7,305	708 2,708 3,025 37 5,769	708 2,708 3,025 1 5,733	883 1,583 4,172 11 5,766
On farms of tarms of tar	1,202 1,948 4,772 2 6,722 3,835 42	1,168 1,903 5,400 2 7,305 3,786 34	708 2,708 3,025 37 5,769 3,274 30	708 2,708 3,025 1 5,733	883 1,583 4,172 11 5,766 795 8
On farms n farms n farms rotal beginning stocks Production mports Total supplies Exports Grain Products Total exports Oomestic disappearance Human food	1,202 1,948 4,772 2 6,722 3,835 42 3,877	1,168 1,903 5,400 2 7,305 3,786 34 3,820	708 2,708 3,025 37 5,769 3,274 30 3,304	708 2,708 3,025 1 5,733	883 1,583 4,172 11 5,766 795 8
On farms n far	1,202 1,948 4,772 2 6,722 3,835 42 3,877	1,168 1,903 5,400 2 7,305 3,786 34 3,820	708 2,708 3,025 37 5,769 3,274 30 3,304	708 2,708 3,025 1 5,733 1,075 9 1,084	883 1,583 4,172 11 5,766 795 8 803
On farms n commercial positions Total beginning stocks Production Imports Fotal supplies Exports Frain Froducts Fotal exports Comestic disappearance Human food Geed requirements Loss in handling	1,202 1,948 4,772 2 6,722 3,835 42 3,877	1,168 1,903 5,400 2 7,305 3,786 34 3,820 261 121 4	708 2,708 3,025 37 5,769 3,274 30 3,304 254 154 4	708 2,708 3,025 1 5,733 1,075 9 1,084	883 1,583 4,172 11 5,766 795 8 803
On farms n commercial positions Fotal beginning stocks Production mports Fotal supplies Exports Grain Products Fotal exports Domestic disappearance Human food Seed requirements Loss in handling Animal feed, waste and dockage	1,202 1,948 4,772 2 6,722 3,835 42 3,877	1,168 1,903 5,400 2 7,305 3,786 34 3,820	708 2,708 3,025 37 5,769 3,274 30 3,304	708 2,708 3,025 1 5,733 1,075 9 1,084	883 1,583 4,172 11 5,766 795 8 803
On farms In farms In farms In ownmercial positions Production Imports If the supplies Exports Grain Products Total exports Domestic disappearance Human food Seed requirements Loss in handling Animal feed, waste and dockage Intel domestic disappearance	1,202 1,948 4,772 2 6,722 3,835 42 3,877 246 181 3 424	1,168 1,903 5,400 2 7,305 3,786 34 3,820 261 121 4 392	708 2,708 3,025 37 5,769 3,274 30 3,304 254 154 4 471	708 2,708 3,025 1 5,733 1,075 9 1,084	883 1,583 4,172 11 5,766 795 8 803
Beginning stocks On farms In commercial positions Total beginning stocks Production Imports Total supplies Exports Grain Products Total exports Domestic disappearance Human food Seed requirements Loss in handling Animal feed, waste and dockage Total domestic disappearance Ending stocks Total disposition	1,202 1,948 4,772 2 6,722 3,835 42 3,877 246 181 3 424 853	1,168 1,903 5,400 2 7,305 3,786 34 3,820 261 121 4 392 778	708 2,708 3,025 37 5,769 3,274 30 3,304 254 154 4 471 882	708 2,708 3,025 1 5,733 1,075 9 1,084	883 1,583 4,172 11 5,766 795 8 803

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

	Average	Total		August to Octo	ber
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012
All wheat					
Area harvested					
Thousands of hectares	8,947	9,118	7,802	7,802	7,983
Thousands of acres Yield	22,108	22,530	19,280	19,280	19,727
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
		thousar	nds 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		
otal disposition	25,165	26,219	24,223		
	Average	Total		August to Octo	ber
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012
Durum wheat					
Area harvested					
Thousands of hectares	2,074	2,230	1,244	1,244	1,590
Thousands of acres Yield	5,124	5,510	3,075	3,075	3,930
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
		thousar	nds 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 Animal feed, waste and dockage	181 370	121 273	155 172		
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 met			
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						Ö
March	<u></u>					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 September October November December	22 22 22 	113 110 104 	15 14 14 	21 24 24 	19 19 18 	196 193 185 	60 61 58
2012 January February March April May June July Total 2011/2012 P	 66	 326	 	 69	 56	 574	 179
Total 2010/2011 r Total 2009/2010 Total 2008/2009 Five year average 2005/2006 to 2009/2010	261 267 230 334	1,217 1,255 1,202 1,220	165 172 188 192	288 309 297 309	225 235 214 222	2,212 2,310 2,203 2,343	657 725 707 757

^{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		Au	gust 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 Total	0 3,805	0 3,889	0 3,050	0 967	0 717	0 588	0 192	
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								
Nheat 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	
Γotal	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								
Vheat 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	

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.

Excluding Durum.
 Includes British Columbia.

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

	Average	Total		August to Octo		October
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
			thousands of metr	ic tonnes		
Wheat (excluding durum)						
United Kingdom	413.2	342.3	283.7	79.5	82.0	30.1
taly	273.0	231.1	238.1	52.1	93.2	37.9
Spain Western Europe total ¹	92.8 853.6	101.2 742.1	50.3 650.3	20.5 208.0	0.0 179.8	0.0 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
raq	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 Middle East total ¹	382.0 2,294.3	366.6 2,473.2	345.3 1,500.8	72.0 318.4	134.3 370.7	65.8 153.2
Vest 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
ndia ndonesia	273.1 1,095.3	0.0 761.9	0.0 861.0	0.0 239.1	0.0 181.7	0.0 74.8
apan	912.7	880.3	974.2	132.1	239.7	49.4
lalaysia	176.3	97.6	48.2	33.6	46.8	23.6
eople's Republic of China	110.5	311.4 424.7	173.3	57.8 97.0	0.0 22.6	0.0 0.0
hilippines forea. South	277.5 214.1	169.3	246.1 1.336.9	22.8	49.4	22.6
Bri Lanka	848.6	876.9	758.1	133.8	135.5	74.1
aiwan	16.1	42.1	2.3	0.0	0.5	0.0
⁻ hailand A sia total 1	172.9 4,842.8	256.6 4,797.7	298.0 5,634.4	0.0 981.0	12.3 738.0	0.0 244.4
Oceania total ¹	17.8	3.1	1.0	0.5	0.0	0.0
razil	247.0	363.6	194.4	117.9	0.0	0.0
olombia cuador	367.0	491.9	386.6	107.7	228.8 92.4	36.7 17.8
eru	268.4 444.2	351.8 673.5	396.2 464.8	119.7 71.3	92. 4 112.8	27.0
enezuela	384.6	597.3	462.0	107.2	208.6	36.5
outh America total ¹	1,919.2	2,693.7	2,146.3	566.3	697.2	126.2
lexico entral America and Antilles total ¹	845.2 1,205.2	874.2 1,242.6	537.0 742.0	263.3 348.4	564.2 666.1	279.2 294.7
United States	1,649.1	1,672.9	1,309.3	374.0	506.0	239.2
Iorth America total	1,649.1	1,672.9	1,309.3	374.0	506.0	239.2
Vheat exports total Ourum wheat	13,525.6	14,469.4	12,699.4	3,057.4	3,468.2	1,251.3
	040.7	400.5	100.5	400.4	40.7	0.0
Belgium taly	219.7 514.0	123.5 556.4	190.5 829.9	106.1 356.6	40.7 300.3	0.0 0.0
Vestern Europe total ¹	906.3	835.5	1,120.6	472.3	369.4	18.1
astern Europe total ¹	2.4	0.0	0.0	0.0	0.0	0.0
liddle East total ¹	81.0	33.8	39.3	11.5	0.0	0.0
lgeria	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
unisia Africa total ¹	129.1 1,257.7	122.7 1,103.8	41.7 781.3	0.0 257.4	54.7 54.7	54.7 54.7
apan	216.0	214.2	245.3	64.2	61.4	35.9
Bri Lanka N sia total 1	34.6 530.4	41.2 866.4	49.4 518.3	10.3 108.3	10.3 116.9	0.0 35.9
Oceania total ¹	0.0	0.0	0.0	0.0	0.0	0.0
/enezuela	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 Iorth America total ¹	40.9 543.3	5.1 520.5	24.4 389.3	0.6 101.4	45.8 84.1	23.6 46.5
Durum wheat exports, total	3,834.9	3,785.9	3,273.9	1,075.1	795.1	198.3
All wheat	3,034.9	3,703.3	3,213.9	1,075.1	793.1	190.3
	17 260 F	18 255 2	15 072 2	4 122 5	V 363 3	1 110 5
otal exports	17,360.5	18,255.3	15,973.2	4,132.5	4,263.3	1,449.6

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

	Average	Total		August to Oc	tober	October p
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
			thousands of met	ric 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
_ebanon	0.2	0.2	0.3	0.1	0.1	0.0
Jordan Middle East total ¹	0.3 0.7	0.1 0.3	0.1 0.4	0.0 0.1	0.0 0.1	0.0 0.0
Africa total 1	0.2	0.1	0.0	0.0	0.0	0.0
Hong Kong Japan	6.6 1.3	3.6 0.8	2.2 0.9	0.7 0.1	0.4 0.3	0.1 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
Nheat flour exports total	253.6	225.9	218.3	61.6	69.8	18.3
All wheat and wheat flour						
Jnited Kingdom	415.7	342.3	283.7	79.5	82.0	30.1
taly	787.0	787.6	1,068.1	408.7	393.5	37.9
Nestern 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 South America total ¹	248.4 2,393.5	363.6 3,114.6	194.4 2,547.5	117.9 689.8	0.0 821.4	0.0 145.8
Cuba Central America and Antilles total ¹	162.4 1,255.5	184.8 1,255.5	164.4 774.5	53.9 351.0	76.8 713.9	0.0 319.1
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
Aillfeeds	17,017.1	10,701.2	10,131.0	7,107.1	4,555.1	1,707.9
otal millfeeds produced	757	725	657	175	179	58
•						
Millfeeds exported	67	84	12	2	2	1

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

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

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

	Average	Total		August to October		
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012	
Oats						
Area harvested						
Thousands of hectares	1,411	980	906	906	1,030	
Thousands of acres Yield	3,486	2,423	2,239	2,239	2,544	
Kilograms per hectare	2,720	3,000	2,700	2,700	2,900	
ushels per acre	71.3	77.8	71.8	71.8	76.4	
		thousar	nds of metric tonnes			
Beginning stocks						
On farms	800	1,298	905	905	568	
n 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			
ndustrial use	0		••			
Seed requirements	146	104	103			
oss in handling			_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			

Table 7 – continued

Supply and disposition of coarse grains, 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	
Barley						
Area harvested						
Thousands of hectares	3,455	2,918	2,387	2,387	2,365	
Thousands of acres Yield	8,537	7,210	5,899	5,899	5,844	
Kilograms per hectare	3,120	3,300	3,200	3,200	3,300	
ushels per acre	57.8	60.6	59.2	59.2	61.0	
		thousar	nds 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 Animal feed, waste and dockage	2 7 7 4 0	7 202	0	••		
Total domestic disappearance	7,749 8,231	7,283 7,670	6,408 6,777			
Ending stocks	2,355	2,583	1,441			
Total disposition	13,278	12,402	10,231			

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

	Average	Total		August to Octo	ber
	2005/2006 to 2009/2010	2009/2010	2010/2011 「	2010/2011 ^r	2011/2012 ^F
Rye					
Area harvested					
Thousands of hectares	132	115	95	95	79
Thousands of acres Yield	327	285	235	235	195
Kilograms per hectare	2,340	2,400	2,400	2,400	2,500
ushels per acre -	37.5	38.7	38.9	38.9	39.3
		thousar	nds 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	2 149	4 128	3	1 51	1 82
Total exports	149	128	192	51	82
Domestic disappearance					
Human food	15	13	15		••
Industrial use Seed requirements	31 16	27 10	26 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		

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

	Average	Total		September to Oc	tober
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^F
Corn ¹					
Area harvested					
Thousands of hectares	1,165	1,142	1,203	1,203	1,202
Thousands of acres Yield	2,879	2,822	2,972	2,972	2,970
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
•		thousan	nds of metric tonnes		
_		liiusai	ius of metric tornes		
Beginning stocks on farms					
Québec	489	435	400	400	300
Ontario	738 33	840 125	850 25	850 25	500 0
Other provinces 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
mports					
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		

September to August crop year.
 Includes seed.

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

	Average	Total		August to Octo	ber
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012
Oats					
Area harvested					
Thousands of hectares	1,238	828	743	743	884
Thousands of acres Yield	3,058	2,045	1,835	1,835	2,185
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
		thousar	nds 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		
otal disposition	4,141	3,815	2,959		
	Average				
	2005/2006 to 2009/2010	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 Yield	7,945	6,695	5,385	5,385	5,415
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
		thousar	nds 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 Animal feed, waste and dockage	287 5,555	217 5,549	205 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		Au	gust to October		October ^p
	2008/2009	2009/2010	2010/2011 ^r	2009/2010	2010/2011 ^r	2011/2012 ^p	2011
			thousan	ds of metric tonne	es		
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.

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

^{2.} Includes British Columbia.

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

	Average	Total		August to Oc	tober	October
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
_			thousands of met	ric 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

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

	Average	Total		September to C	October	October ^l
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
<u>-</u>			thousands of met	ric 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 Middle East total ¹	5.9 153.8	0.0 0.0	129.3 352.8	0.0 12.0	0.0 0.0	0.0 0.0
Algeria Africa total ¹	24.6 40.6	0.0 0.0	25.4 202.8	25.4 79.0	0.0 0.0	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 Central America and Antilles total ¹	0.0 0.3	0.0 0.2	0.0 55.1	0.0 0.0	0.0 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	Total		August to Oc	October ^I	
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
<u>-</u>			thousands of met	ric 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 Korea, South Asia total ¹	33.8 3.8 37.9	36.8 1.7 38.7	49.2 2.4 51.7	0.0 1.0 1.0	27.0 1.1 28.0	0.0 0.0 0.0
Australia Oceania total ¹	0.1 0.1	0.0 0.1	0.0 0.0	0.0 0.0	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.

September to August crop year.
 Excludes seed.
 Source(s): Statistics Canada, International Trade Division and Canadian Grain Commission.

Table 11 **Exports of selected coarse grain products, Canada**

	Average	Total		August to Od	ctober	October
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
			thousands of met	tric 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 Africa total 1	32.2 32.3	45.8 45.8	36.5 36.5	1.8 1.8	5.6 6.0	0.3 0.3
People's Republic of China	1.7	0.0	0.0	0.0	0.0	0.0
Japan Philippines	168.5 3.4	153.4 5.1	155.5 0.0	36.2 0.0	28.4 0.0	9.7 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 Oceania total ¹	197.3 0.0	175.4 0.2	186.2 0.5	41.7 0.2	32.1 0.3	11.3 0.2
Brazil	20.6	0.2	0.0	0.2	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 Guatemala	10.8 6.0	9.7 6.6	9.0 4.3	2.9 0.8	3.1 0.0	3.1 0.0
Mexico	26.9	5.0	10.3	4.5	0.0	0.0
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 Asia total 1	0.6 2.2	0.3 2.9	0.2 1.4	0.1 0.3	0.0 0.6	0.0 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 South America total 1	1.5 6.0	0.0 1.8	0.0 0.5	0.0 0.1	0.0 0.0	0.0 0.0
Costa Rica Dominican Republic	0.7 1.8	0.3 4.4	0.0 0.8	0.0 0.3	0.0 0.0	0.0 0.0
Guatemala	5.1	7.0	4.2	1.3	0.0	0.0
Jamaica Mexico	1.8 16.8	1.8 18.2	2.5 21.0	0.6 5.8	0.5 9.8	0.1 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 North America total 1	255.4 255.4	273.1 273.1	295.3 295.3	76.9 76.9	80.2 80.2	30.6 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 Octo	ber
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p
Flaxseed					
Area harvested					
Thousands of hectares Thousands of acres	658 1,626	623 1,540	353 873	353 873	273 675
Yield	,	,			
Kilograms per hectare Bushels per acre	1,360 21.3	1,500 23.8	1,200 19.1	1,200 19.1	1,300 21.5
Busileis per dere	21.0			13.1	21.0
		thousar	nds of metric tonnes		
Beginning stocks					
On farms In commercial positions	131 95	165 64	215 74	215 74	130 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 Total exports	0 663	0 772	0 404	0 93	0 86
•	003	112	404	93	80
Domestic disappearance Human food		**			
Crushings	X	x	X	 X	 X
Seed requirements	26	16	12	••	••
Loss in handling Animal feed, waste and dockage	4 x	1 x	1 x		
Total domestic disappearance	179	104	123		
Ending stocks	278	289	194		
Total disposition	1,120	1,165	720		

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

	Average	Total		August to Octo	ber
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^F
Canola					
Area harvested					
Thousands of hectares	5,950	6,513	6,848	6,848	7,471
Thousands of acres Yield	14,702	16,095	16,922	16,922	18,462
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
		thousan	nds 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 Crushings	0 4,043	0 4,788	6,310	 1,495	1,626
Seed requirements	4,043	4,700 51	54	1,495	1,020
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		

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

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

Stocks at transfer elevators, country elevators and crushing plants.
 Includes feed, human food uses, dockage and loss in handling.

Table 13 Canola crushings, Canada

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

^{3.} September to August crop year.

^{4.} Canadian Oilseed Processors Association.

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

	Average	Total		August to Octo					
	2005/2006 to 2009/2010	2009/2010	2010/2011	2010/2011 ^r	2011/2012 ^r				
Flaxseed									
Area harvested Thousands of hectares Thousands of acres Yield	658 1,626	623 1,540	353 873	353 873	273 675				
Kilograms per hectare Bushels per acre	1,360 21.3	1,500 23.8	1,200 19.1	1,200 19.1	1,300 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 Seed requirements Animal feed, waste and dockage	657 26 159	753 16 111	371 12 125	96 	74 				
Ending Stocks	171	215	130						
otal disposition	1,011	1,095	638						
	Average	Total		August to Octo	ber				
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^F				
Canola									
Area harvested Thousands of hectares Thousands of acres Yield	5,896 14,570	6,455 15,950	6,773 16,735	6,773 16,735	7,388 18,255				
Kilograms per hectare Bushels per acre	1,780 32.1	2,000 35.3	1,900 33.3	1,900 33.3	1,900 33.8				
			nds 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 Seed requirements	10,143 46 375	12,010 51 454	12,688 54 326	3,653 	3,946 				
Animal feed, waste and dockage	0,0	707	020						
Animal feed, waste and dockage Ending stocks	904	1,240	820						

Table 15 **Deliveries of oilseeds**

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

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.

Includes unlicensed shipments to U.S. markets.

Includes wheat (excluding durum), durum wheat, oats, barley, rye, flaxseed and canola.

^{4.} Includes British Columbia.

Table 16 Exports of oilseeds, by country of final destination

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

Table 16 – continued Exports of oilseeds, by country of final destination

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

Table 16 - continued Exports of oilseeds, by country of final destination

	Average Total		September to October		October p	
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
			metric tonr	nes		
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

Exports to individual countries are included in the continental totals.
 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	Total		August to Od		October
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
			metric tonr	nes		
Canola oil						
Germany	38,338	18,180	48,002	0	0	0
Netherlands	41,824	0	61,033	0 0	18 0	0
United Kingdom Western Europe total 1	26 83,181	3 18,197	1 142,839	9,803	37,660	0 12,017
Eastern Europe total ¹	41	27	3	0	0	0
Sudan	143	0	0	0	0	0
United Arab Emirates Middle East total 1	577 3,224	726 9,558	696 9,670	68 8,325	79 335	26 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 Korea, South	15,885 0	8,433 31,001	16,725 61,359	883 22,455	5,392 15,470	2,263 10,387
Malaysia	316,218	2,500	42,681	16,673	0	0
Pakistan	16,721	0	45	22	0	0
Philippines	30,830	557 474	421 650	98 90	139	64
Singapore Taiwan	2,101 17,056	12,256	19,603	0	96 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 Peru	2,564 54	2,817 2	7,808 4	1,156 0	665 8	150 4
South America total ¹	4,163	3,083	26,140	1,156	832	154
Haiti	247	0	0	0	0	_0
Mexico Central America and Antilles total 1	20,159 20,707	6,673 6,799	53,745 54,152	591 721	1,150 1,324	54 107
Central America and Antines total	20,707	0,799			1,324	
United States North America total ¹	886,479 886,479	1,052,685 1,052,685	1,358,345 1,358,352	271,327 271,328	369,115 369,117	128,642 128,643
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 Eastern Europe total ¹	10,857 221	6,500 156	70,999 0	20,707 0	19,688 0	19,688
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	0,303	0	Õ	ő
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 Central America and Antilles total ¹	62,493 62,493	214,169 214,169	96,141 96,141	33,569 33,569	11,256 11,256	1,610 1,610
United States North America total ¹	1,524,865 1,524,865	1,144,161 1,144,161	1,874,536 1,874,536	364,278 364,278	633,730 633,730	241,961 241,961
Canola meal exports total	1,723,213	1,927,112	2,989,303	667,904	791,047	302,755
	.,. 20,210	.,,	_,,	221,004	. • 1,0-1	302,130

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

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

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

	Average	Total		September to 0	October	October
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
			metric toni	nes		
Soybean oil						
Western Europe total ¹	1	0	0	0	0	0
Georgia Eastern Europe total ¹	54 128	0 369	0 0	0 0	0 0	0
Ethiopia	467	0	0	0	0	0
Somalia	47	0	0	0	0	0
Sudan	450	0	Ō	Ō	0	0
Yemen	121	0	0	0	0	0
Middle East total ¹	1,243	0	0	0	0	0
Kenya Liberia	514 65	0	0 0	0 0	0 0	0
Tanzania	246	0	0	0	0	0
Uganda	182	ő	ŏ	ŏ	Ö	ő
Africa total ¹	1,619	Ō	Ö	Ō	0	Ō
Afganistan	0	0	0	0	0	0
Hong Kong	0	0	0	0	0	0
Pakistan	815	0	0	0	0	0
Japan Korea, South	273 25	27 0	16 0	0	0 0	0
Vietnam	0	0	72	0	0	0
Asia total ¹	2,910	84	200	24	ŏ	Ŏ
Oceania total ¹	0	0	0	0	0	0
Colombia South America total ¹	27 58	0 0	0 0	0 0	0 0	0
Bermuda	26	21	0	0	0	0
Cuba	0	0	Õ	Ŏ	Õ	Ö
Nicaragua	121	0	352	352	0	0
Central America and Antilles total ¹	1,216	21	352	352	0	0
United States North America total 1	27,962 27,963	46,313 46,313	68,067 68,067	5,470 5,470	7,341 7,341	3,364 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 Africa total ¹	1,500 1,501	0 7	0 0	0 0	0 0	0 0
Japan Asia total 1	0 0	0 0	0 0	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 Central America and Antilles total ¹	11 74	0 212	5 5	2 2	0 0	0 0
United States North America total ¹	87,251 87,251	87,257 87,257	126,092 126,092	23,228 23,228	18,369 18,369	8,107 8,107
Soybean meal exports total	90,388	87,479	126,775	23,417	21,888	11,625
ooybean mear exports total	30,300	01,419	120,773	23,417	41,000	11,023

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

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

Average	Total		August to October		
2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^F	
				66.4	
364.1	282.6	314.6	314.6	164.0	
1.960.0	2.000.0	2.000.0	2.000.0	2.200.0	
17.6	17.5	17.8	17.8	19.4	
	thousar	nds of metric tonnes			
289.3	223.8	253.7	253.7	144.6	
49.5	55.1	64.4	23.7	18.3	
294.3	255.8	237.5	63.3	48.0	
Average	Total		August to Octo	ber	
	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 [[]	
2000/2010					
159.0	143.7	153.8	153.8	93.0	
392.8	355.0	380.0	380.0	230.0	
1 150 0	1 260 0	1 000 0	1 000 0	1.100.0	
1026.4	1,218.0	891.0	891.0	981.0	
	thousar	nds of metric tonnes			
182.8	196.1	153.5	153.5	102.3	
0.0	0.0	0.0	0.0	0.0	
			41.7	31.1	
			••		
107.8	81.0	39.0			
	T				
2009/2010	2009/2010	2010/2011	2010/2011	2011/2012 ^F	
				914.2	
3,464.2	3,675.0	3,432.0	3,432.0	2,259.0	
2,200.0	2,300.0	2,200.0	2,200.0	2,300.0	
32.6	33.8	32.3	32.3	34.4	
	thousar	nds of metric tonnes			
3,079.8	3,379.4	3,018.2	3,018.2	2,115.6	
48.6	55.0	32.9	14.2	1.5	
2,348.3 242.0	2,177.8 630.0	3,012.1 245.0		855.3	
Z4Z.U	0.00.0	240.0			
184.0	270.0	290.0			
	2009/2010 147.4 364.1 1,960.0 17.6 289.3 49.5 294.3 Average 2005/2006 to 2009/2010 159.0 392.8 1,150.0 1026.4 182.8 0.0 180.3 84.2 23.6 107.8 Average 2005/2006 to 2009/2010 1,401.9 3,464.2 2,200.0 32.6 3,079.8 48.6 2,348.3	147.4	147.4	147.4	

Table 18 – continued

Selected special crop data, Canada, by crop year

	Average	Total		August to Octo	ber
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^F
Buckwheat					
Area harvested					
Thousands of hectares Thousands of acres	2.6 6.4	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Yield	0.4	0.0	0.0	0.0	0.0
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
		thousar	nds 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	Total		August to Octo	ber
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^F
Mustard seed					
Area harvested					
Thousands of hectares	179.6	208.4	186.1	186.1	123.3
Thousands of acres Yield	444.0	515.0	460.0	460.0	305.0
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
<u>-</u>		thousar	nds 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 Stocks on farms	142.6 53.8	128.0 50.0	123.5 95.0	24.5	31.6
In commercial positions	32.6	30.0	30.0		
Ending stocks	86.4	80.0	125.0		
	Average	Total		August to Octo	ber
	2005/2006 to 2009/2010	2009/2010	2010/2011	2010/2011	2011/2012 ^F
Sunflower seed	2009/2010				
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 Pounds per acre	1,610.0 1,437.0	1,600.0 1,431.0	1,320.0 1,173.0	1,320.0 1,173.0	1,430.0 1,282.0
1 ourids per dere	1,407.0	,	,	1,170.0	1,202.0
			nds of metric tonnes		
Production	115.6	101.9	67.6	67.6	19.8
Imports ¹ Exports ¹	20.4 83.0	26.0 49.0	32.8 45.7	6.4 9.5	6.8 9.7
Stocks on farms	63.0 17.0	49.0 35.0	45.7 20.0	9.5	9.7
In commercial positions	7.2	7.0	9.0		
Ending stocks	24.2	42.0	29.0		

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

Average	Total		August to Octo	ber
2005/2006 to 2009/2010	2009/2010	2010/2011	2010/2011 ^r	2011/2012 ^p
715.9 1,769.0	963.2 2,380.0	1,335.5 3,300.0	1,335.5 3,300.0	998.4 2,467.0
1,412.0 1,260.4	1,570.0 1,399.0	1,460.0 1,301.0	1,460.0 1,301.0	1,530.0 1,369.0
	thousar	nds of metric tonnes		
835.3 9.1 938.7 140.2 22.0 162.2	1,510.2 8.7 1,386.8 26.0 18.0 44.0	1,947.1 28.5 1,104.8 655.0 95.0 750.0	1,947.1 9.6 235.2 	1,531.9 3.0 347.3
Avorago	Total		August to Octo	hor
2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p
91.4 226.0	40.3 100.0	76.9 190.0	76.9 190.0	49.7 123.0
1,490.0 1,328.6	1,870.0 1,667.0	1,670.0 1,489.0	1,670.0 1,489.0	1,830.0 1,627.0
	thousar	nds of metric tonnes		
174.0 5.9 73.3 31.8 8.4	75.5 5.6 65.6 10.0 10.0	128.3 9.3 85.8 12.0 10.0	128.3 2.1 24.7 	90.8 2.1 12.0
	2005/2006 to 2009/2010 715.9 1,769.0 1,412.0 1,260.4 835.3 9.1 938.7 140.2 22.0 162.2 Average 2005/2006 to 2009/2010 91.4 226.0 1,490.0 1,328.6	2005/2006 to 2009/2010 715.9	2005/2006 to 2009/2010 715.9	2005/2006 to 2009/2010 2010/2011 201

^{1.} Statistics Canada, International Trade Division.

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

Dry peas Belgium Germany Italy Netherlands Portugal Spain United Kingdom Western Europe total ¹ Eastern Europe total ¹ United Arab Emirates Middle East total ¹ Algeria South Africa Africa total ¹ Bangladesh People's Republic of China India Indonesia Nepal Pakistan Philippines Taiwan	29,786 3,366 7,321 3,838 1,109 206,855 7,067 299,977 8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751 1,691,043	3,672 2,164 5,063 1,170 828 8,424 5,783 28,750 8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174 12,496	2010/2011 f metric tonne 2,631 1,177 3,324 2,193 229 95,287 3,523 109,003 5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	166 555 1,620 839 69 2,454 838 6,177 1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	2011/2012 P 64 963 625 204 22 4,519 572 7,334 646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449 2,143	2011 64 44 284 131 22 1,820 147 2,610 22 424 1,119 79 142 718 0 103,239 103,339 20,536
Belgium Germany Italy Netherlands Portugal Spain United Kingdom Western Europe total ¹ Eastern Europe total ¹ United Arab Emirates Middle East total ¹ Algeria South Africa Africa total ¹ Bangladesh People's Republic of China India Indonesia Nepal Pakistan Philippines Taiwan	3,366 7,321 3,838 1,109 206,855 7,067 299,977 8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	2,164 5,063 1,170 828 8,424 5,783 28,750 8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	2,631 1,177 3,324 2,193 229 95,287 3,523 109,003 5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	166 555 1,620 839 69 2,454 838 6,177 1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	963 625 204 22 4,519 572 7,334 646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	44 284 131 22 1,820 147 2,610 22 424 1,119 79 142 718 0 103,239 103,349 20,536
Belgium Germany Italy Netherlands Portugal Spain United Kingdom Western Europe total 1 Eastern Europe total 1 United Arab Emirates Middle East total 1 Algeria South Africa Africa total 1 Bangladesh People's Republic of China India India India Indepal Pakistan Philippines Taiwan	3,366 7,321 3,838 1,109 206,855 7,067 299,977 8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	2,164 5,063 1,170 828 8,424 5,783 28,750 8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	1,177 3,324 2,193 229 95,287 3,523 109,003 5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	55 1,620 839 69 2,454 838 6,177 1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	963 625 204 22 4,519 572 7,334 646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	44 284 133 22 1,820 147 2,610 22 424 1,119 79 142 718 0 103,239 103,349 20,536
Germany Italy Netherlands Portugal Spain United Kingdom Western Europe total ¹ Eastern Europe total ¹ United Arab Emirates Middle East total ¹ Algeria South Africa Africa total ¹ Bangladesh People's Republic of China India Indonesia Nepal Pakistan Philippines Taiwan	3,366 7,321 3,838 1,109 206,855 7,067 299,977 8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	2,164 5,063 1,170 828 8,424 5,783 28,750 8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	1,177 3,324 2,193 229 95,287 3,523 109,003 5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	55 1,620 839 69 2,454 838 6,177 1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	963 625 204 22 4,519 572 7,334 646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	44 284 131 22 1,820 147 2,610 22 424 1,119 79 142 718 0 103,239 103,349 20,536
Italy Netherlands Portugal Spain United Kingdom Western Europe total ¹ Eastern Europe total ¹ United Arab Emirates Middle East total ¹ Algeria South Africa Africa total ¹ Bangladesh People's Republic of China India India Indonesia Nepal Pakistan Philippines Taiwan	7,321 3,838 1,109 206,855 7,067 299,977 8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	5,063 1,170 828 8,424 5,783 28,750 8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	3,324 2,193 229 95,287 3,523 109,003 5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	1,620 839 69 2,454 838 6,177 1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	625 204 22 4,519 572 7,334 646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	284 131 22 1,820 147 2,610 22 424 1,119 79 142 718 0 103,239 103,339 20,536
Netherlands Portugal Spain United Kingdom Western Europe total ¹ Eastern Europe total ¹ United Arab Emirates Middle East total ¹ Algeria South Africa Africa total ¹ Bangladesh People's Republic of China India Indonesia Nepal Pakistan Philippines Taiwan	3,838 1,109 206,855 7,067 299,977 8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	1,170 828 8,424 5,783 28,750 8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	2,193 229 95,287 3,523 109,003 5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	839 69 2,454 838 6,177 1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	204 22 4,519 572 7,334 646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	131 22 1,820 147 2,610 22 424 1,119 79 142 718 0 103,239 103,349 20,536
Portugal Spain United Kingdom Western Europe total 1 Eastern Europe total 1 United Arab Emirates Widdle East total 1 Algeria South Africa Africa total 1 Bangladesh People's Republic of China ndia ndonesia Nepal Pakistan Philippines Faiwan	1,109 206,855 7,067 299,977 8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	8,28 8,424 5,783 28,750 8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	229 95,287 3,523 109,003 5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	69 2,454 838 6,177 1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	22 4,519 572 7,334 646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	22 1,820 147 2,610 22 424 1,119 79 142 718 0 103,239 103,349 20,536
Spain United Kingdom Western Europe total ¹ Eastern Europe total ¹ United Arab Emirates Middle East total ¹ Algeria South Africa Africa total ¹ Bangladesh People's Republic of China India Indonesia Nepal Pakistan Philippines Taiwan	206,855 7,067 299,977 8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	8,424 5,783 28,750 8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	95,287 3,523 109,003 5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	2,454 838 6,177 1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	4,519 572 7,334 646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	1,820 147 2,610 22 424 1,119 79 142 718 0 103,239 103,349 20,536
Western Europe total ¹ Eastern Europe total ¹ United Arab Emirates Middle East total ¹ Algeria South Africa Africa total ¹ Bangladesh People's Republic of China India Indonesia Nepal Pakistan Philippines Taiwan	299,977 8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	28,750 8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	109,003 5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	6,177 1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	7,334 646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	2,610 22 424 1,119 79 142 718 0 103,239 103,349 20,536
Eastern Europe total 1 United Arab Emirates Middle East total 1 Algeria South Africa Africa total 1 Bangladesh People's Republic of China India Nepal Pakistan Philippines Taiwan	8,690 45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	8,370 13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	5,741 45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	1,300 12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	646 3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	22 424 1,119 79 142 718 0 103,239 103,349 20,536
United Arab Emirates Middle East total 1 Algeria South Africa Africa total 1 Bangladesh People's Republic of China India Indonesia Nepal Pakistan Philippines Taiwan	45,379 88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	13,487 49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	45,285 81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	12,952 19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	3,520 6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	424 1,119 79 142 718 0 103,239 103,349 20,536
Middle East total ¹ Algeria South Africa Africa total ¹ Bangladesh People's Republic of China ndia ndia Nepal Pakistan Philippines Taiwan	88,750 6,381 17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	49,225 6,894 16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	81,121 5,944 9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	19,959 3,737 1,310 10,987 124,364 66,936 618,233 1,018 1,214	6,350 1,343 874 4,389 66,831 241,227 436,245 21,449	1,119 79 142 718 0 103,239 103,349 20,536
South Africa Africa total 1 Bangladesh People's Republic of China India India Indonesia Nepal Pakistan Philippines Taiwan	17,324 58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	16,023 59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	9,562 33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	1,310 10,987 124,364 66,936 618,233 1,018 1,214	874 4,389 66,831 241,227 436,245 21,449	142 718 0 103,239 103,349 20,536
Africa total ¹ Bangladesh People's Republic of China India Indonesia Nepal Pakistan Philippines Taiwan	58,036 266,408 300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	59,473 308,638 417,798 1,085,218 22,121 1,802 10,149 15,174	33,313 236,318 514,676 1,708,418 5,451 3,626 77,700	10,987 124,364 66,936 618,233 1,018 1,214	4,389 66,831 241,227 436,245 21,449	718 0 103,239 103,349 20,536
People's Republic of China India Indonesia Nepal Pakistan Philippines Taiwan	300,396 1,009,743 12,118 4,454 51,830 12,643 11,751	417,798 1,085,218 22,121 1,802 10,149 15,174	514,676 1,708,418 5,451 3,626 77,700	66,936 618,233 1,018 1,214	241,227 436,245 21,449	103,239 103,349 20,536
India Indonesia Nepal Pakistan Philippines Taiwan	1,009,743 12,118 4,454 51,830 12,643 11,751	1,085,218 22,121 1,802 10,149 15,174	1,708,418 5,451 3,626 77,700	618,233 1,018 1,214	436,245 21,449	103,349 20,536
Indonesia Nepal Pakistan Philippines Taiwan	12,118 4,454 51,830 12,643 11,751	22,121 1,802 10,149 15,174	5,451 3,626 77,700	1,018 1,214	21,449	20,536
Nepal Pakistan Philippines Taiwan	4,454 51,830 12,643 11,751	1,802 10,149 15,174	3,626 77,700	1,214		
Philippines Taiwan	12,643 11,751	15,174		72 922		555
Taiwan	11,751			73,822	1,045	457
		12,496	14,459	2,470	4,342	1,195
Asia total 1		1,893,911	11,832 2,585,769	2,551 893,608	2,863 779,784	1,308 231,365
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 Peru	4,107 12,304	3,001 9,222	2,992 12,144	672 2,986	414 3,619	292 1,103
√enezuela	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 Mexico	69,206	21,727	66,091	203,853	22,000	22,000 666
Mexico Central America and Antilles total ¹	9,227 86,940	8,606 38,233	8,916 83,203	2,784 25,939	1,587 25,468	23,365
United States	33,834	24,168	35,037	4,688	14,688	3,802
North America total	33,834 2,348,317	24,168 2,177,850	35,037 3,012,090	4,688 987,182	14,688 855,316	3,802 269,774
Dry pea exports total Chickpeas	2,340,317	2,177,030	3,012,090	307,102	655,510	203,774
taly	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 Middle East total ¹	6,826 15,753	5,081 15,511	12,221 46,404	1,590 12,252	625 3,102	165 455
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 Asia total 1	13,106 22,582	10,416 18,553	7,419 10,493	1,419 2,693	610 4,501	65 2,157
Oceania total ¹	93	192	34	34	0	0
Colombia South America total ¹	3,376 4,533	1,080 1,285	1,549 2,411	691 990	180 269	180 203
Central America and Antilles total ¹	4,535 2,019	2,233	2,149	509	382	203 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

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

	Average	Total		August to Octo		October ^p
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
			metric tonne	es		
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 Spain	23,921 26,725	25,327 24,862	18,921 28,857	7,944 6,212	8,873 11,376	4,467 4,541
Spain 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 Lentil exports total	10,381 938,779	9,582 1,386,771	12,243 1,104,762	2,486 235,170	4,543 347,267	1,815 135,210
Buckwheat	330,113	1,300,771	1,104,702	233,170	347,207	133,210
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	ŏ	ŏ	ŏ
Eastern Europe total ¹	0	0	27	0	0	0
Japan	1,394	228	434	0	51	0
Thailand	109	0	0	0	0	ő
Asia total 1	1,505	228	434	0	51	Ō
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

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

	Average	Total		August to Octo	ober	October ^p
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
			metric tonne	es		
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 Switzerland	5,864 903	2,676 1,463	4,035 1,666	939 17	554 244	166 122
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 Middle East total 1	83 354	0 470	42 237	42 95	150 172	150 150
Senegal Africa total 1	1,161 2,156	2,086 2,872	1,970 2,856	557 836	585 666	90 90
Bangladesh	4,011	79	0	0	0	0
India	3,487	8,076	888	207	131	75
Japan Karan Sauth	6,310	6,070	5,550	1,133	1,401	512
Korea, South Thailand	1,921 2,923	1,123 2,281	1,921 2,995	490 379	569 1,508	287 595
Asia total 1	19,372	18,051	2,995 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 North America total ¹	64,230 64,230	63,050 63,050	66,428 66,428	12,909 12,909	16,047 16,047	3,732 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 Malta	4,040 1,003	6,633 999	5,983 986	933 370	1,442 197	782 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 Africa total ¹	1,526 3,212	1,339 3,422	1,099 3,275	377 1,157	568 3,994	323 973
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 Peru	10,478	11,756	9,969 4,160	2,786 908	1,971	1,375 141
Venezuela	4,843 5,900	3,498 7,144	5,303	666	1,551 1,386	122
South America total ¹	49,573	48,265	31,948	9,902	6,736	2,355
Mexico Central America and Antilles total 1	45,195 49,165	40,876 45 143	58,942 62,770	8,865 9,437	6,406 7,193	744 979
United States	49,165 12,926	45,143 11,166	62,770 14,078	9,437 3,508	7,183 2,913	1,280
North America total 1	12,926 12,926	11,167	14,078 14,078	3,508 3,508	2,913 2,913	695
Canary seed exports total	180,267	181,322	178,776	41,679	31,052	8,097

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

	Average	Total		August to Octo	ober	October
	2005/2006 to 2009/2010	2009/2010	2010/2011 ^r	2010/2011 ^r	2011/2012 ^p	2011
			metric tonne	es		
Dried beans						
Belgium	1,221	804	356	62	21	21
France	2,866	760	882	265	206	102
Germany Greece	2,080 6,785	1,740 5,371	3,820 6,012	1,177 1,662	837 1,872	288 1,615
taly	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
Inited 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 Central America and Antilles total ¹	7,750 27,521	9,718 20,693	5,489 12,746	937 2,593	2,280 2,840	284 623
United States North America total 1	83,624 83,624	70,746 70,746	63,707 63,707	17,706 17,706	19,512 19,512	8,061 8,061
Dried bean exports total	294,342	255,773	237,470	63,312	48,019	17,963
Sunflower seed	234,342	233,113	231,410	03,312	40,013	17,303
	65	0	2	130	0	0
United Kingdom Western Europe total ¹	608	23	510	130 130	20	0
Eastern Europe total ¹	106	86	150	0	0	0
raq	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 t	onnes		
All wheat						
Canada (August to July)	20.4			45.0	0.7	
2007/2008 2008/2009	20.1 28.6	0.0 0.0	26.9 33.0	15.9 18.6	6.7 7.9	4.4 6.5
2009/2010	26.8	0.0	33.5	18.5	7.9	7.8
2010/2011	23.2	0.1	31.1	16.2	7.7	7.2
2011/2012	25.3	0.02	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
008/2009 009/2010	21.4 21.8	0.1 0.1	25.4 25.3	13.5 13.8	8.5 5.9	3.4 5.6
010/2011 010/2011	27.9	0.1	25.3 33.6	18.5	6.3	5.6 8.8
011/2012	28.3	0.1	37.2	21.5	7.1	8.6
rgentina (December to November)						
007/2008	18.6	0.0	19.2	10.2	6.6	2.4
008/2009	11.0	0.0	13.4	8.6	3.5	1.3
009/2010 010/2011	12.0 16.1	0.0 0.0	13.3 18.5	5.2 7.7	5.7 7.6	2.4 3.1
011/2012	14.5	0.0	17.6	7.7 9.2	7.6 5.2	3.1
nited States (June to May)		0.0			U.2	3.2
007/2008	55.8	3.0	71.2	34.3	28.6	8.3
008/2009	68.0	3.4	79.7	27.1	34.8	17.9
009/2010	60.4	3.2	81.4	24.2	30.7	26.6
010/2011	60.1	2.6	89.2	36.0	29.7	23.5
011/2012	54.4	3.2	81.1	24.5	32.7	23.9
uropean Union 27 (October to September)	400.4		444.0	40.0	440.5	40.4
007/2008 008/2009	120.1 151.1	6.9 7.7	141.2 171.2	12.3 25.4	116.5 127.0	12.4 18.9
009/2010	138.8	5.5	163.2	22.1	124.9	16.2
010/2011	135.7	4.7	156.5	22.9	122.0	11.7
011/2012	137.5	7.5	156.7	17.0	127.0	12.7
urope, other (July to June)						
007/2008	4.4	1.9	8.0	0.8	5.4	1.8
008/2009	4.7	1.7	8.2	0.5	5.5	2.2
009/2010 010/2011	4.6 3.8	1.7 1.6	8.5 7.7	0.8 0.8	5.5 5.4	2.2 1.5
011/2012	3.6 4.4	1.7	7.7	0.6	5.5	1.6
ussian Federation (July to June)						
007/2008	49.4	0.4	53.9	12.2	37.6	4.1
008/2009	63.8	0.2	68.0	18.4	38.8	10.7
009/2010	61.8	0.2	72.7	18.6	39.6	14.5
010/2011 011/2012	41.5 56.0	0.1 0.2	56.1 69.7	4.0 19.0	38.6 38.6	13.5 12.1
	00.0	0.2	00		00.0	
eople's Republic of China (July to June) 007/2008	109.3	0.0	148.4	2.8	106.5	39.1
008/2009	112.5	0.5	152.1	0.7	105.6	45.8
009/2010	115.1	1.4	162.3	0.9	107.0	54.4
010/2011 011/2012	115.2 117.9	0.9 1.5	170.5 179.5	0.9 1.0	109.5 113.5	60.1 65.0
	117.9	1.5	179.5	1.0	113.3	03.0
ndia (October to September) 007/2008	75.8	1.9	82.2	0.0	76.3	5.8
008/2009	78.6	0.0	84.4	0.0	71.0	13.4
009/2010	80.7	0.3	94.4	0.1	78.2	16.1
010/2011	80.8	0.2	97.1	0.1	81.6	15.4
011/2012	85.9	0.0	101.3	1.0	84.7	15.6
/orld 1 007/2008	612.0	116.4	859.7	116.4	617.3	126.9
008/2009	682.8	143.0	952.8	143.0	642.8	167.0
009/2010	685.4	134.4	986.8	134.4	650.3	202.1
010/2011	651.6	132.3	986.0	132.3	654.0	199.7
011/2012	689.0	138.1	1,026.8	138.1	680.2	208.5

Table 20 - continued International supply and dispositions, by crop year

	Production	Imports	Total supplies	Exports	Domestic utilization	Ending stocks
			millions of metric t	onnes		
Barley						
Canada (August to July) 2007/2008 2008/2009 2009/2010 2011/2011 2011/2012	11.0 11.8 9.5 7.6 7.8	0.1 0.0 0.0 0.0 0.0 0.0 ²	13.3 13.4 12.4 10.2 9.2	3.9 2.4 2.1 2.0 1.8 ²	7.9 8.1 7.7 6.8 6.5	1.6 2.8 2.6 1.4 0.9 ²
Australia (November to October)	7.0	0.0 -	3.2	1.0 -	0.0	0.5-
2007/2008 2008/2009 2009/2010 2010/2011 2011/2012	7.2 8.0 7.9 8.1 8.5	0.0 0.0 0.0 0.0 0.0	8.1 9.7 10.3 10.0 9.6	3.4 3.3 3.8 4.1 3.6	3.1 4.0 2.5 2.5 2.5	1.7 2.4 1.9 1.1 1.3
European Union 27 (October to September) 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012	57.5 65.5 62.1 53.0 52.4	0.5 0.2 0.1 0.2 0.1	63.9 71.3 73.1 68.7 60.0	3.9 2.4 2.4 4.5 2.5	54.3 58.1 55.1 56.7 52.1	5.7 10.9 15.5 7.5 5.4
Corn						
Argentina (March to February) 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012	22.0 15.5 23.3 22.5 29.0	0.0 0.0 0.0 0.0 0.0	23.9 17.7 24.3 23.4 30.3	15.7 8.5 17.0 15.2 18.5	6.0 8.2 6.4 6.9 9.3	2.2 1.0 0.9 1.3 2.5
United States (September to August) 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012	331.2 307.1 332.5 316.2 312.7	0.5 0.3 0.2 0.7 0.4	364.8 348.7 375.3 360.2 341.7	60.7 47.8 49.7 45.3 41.0	262.9 258.5 282.2 286.3 279.2	41.3 42.5 43.4 28.7 21.5
Total coarse grains						
European Union 27 (October to September) 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012	136.6 162.1 155.0 139.5 146.7	19.9 3.0 3.0 8.3 3.2	171.8 177.8 178.8 173.7 165.6	4.7 4.3 4.3 5.7 4.8	154.4 152.7 148.6 152.2 147.6	12.7 20.8 25.9 15.7 13.2
Brazil (February to January)						
2007/2008 2008/2009 2009/2010 2010/2011 2011/2012	60.5 53.5 58.4 60.5 63.8	1.3 1.5 1.0 0.9 0.9	65.6 67.7 72.0 71.7 74.5	8.0 7.2 8.6 11.6 8.5	44.9 48.0 53.1 50.2 55.2	12.7 12.5 10.3 9.9 10.8
Russian Federation (July to June) 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012	29.2 40.9 31.8 16.4 31.5	0.5 0.1 0.0 0.7 0.3	31.4 42.7 36.8 20.3 33.5	1.4 4.9 2.5 1.0 2.6	28.3 32.8 31.0 17.5 28.1	1.7 4.9 3.2 1.8 2.8
People's Republic of China (July to June) 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012	158.9 172.4 169.6 183.4 198.1	1.2 1.7 3.8 2.7 4.9	199.4 213.5 225.6 238.4 257.2	0.9 0.2 0.2 0.2 0.3	157.1 160.4 173.0 184.0 199.3	39.4 52.2 52.4 54.3 57.7
World 1 2007/2008 2008/2009 2009/2010 2010/2011 2011/2012	1,080.8 1,111.2 1,115.6 1,098.0 1,145.2	128.9 110.7 119.0 115.3 118.0	1,350.9 1,386.1 1,428.7 1,408.6 1,429.4	128.9 110.7 119.0 115.3 118.0	1,057.9 1,081.3 1,114.4 1,127.2 1,150.7	164.2 194.2 195.3 166.2 160.7

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

Table 21 - continued International oilseeds data, by crop year

	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012
		thousar	nds 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
Jnited States	38,359	35,473	37,836	35,608	35,094
Vorld	159,211	151,927	165,236	173,970	180,944
Canola-rapeseeed					
Canada	2,495	2,487	2,683	3,568	
Vorld	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
Jnited States	9,335	8,503	8,897	8,567	8,514
Vorld	37,825	35,910	38,867	41,165	42,913
Canola-rapeseed					
Canada	1,739	1,839	2,107	2,768	
Vorld	18,348	22,311	22,323	23,326	22,807

Agriculture and Agri-Food Canada forecasts, November 17, 2011.
 Excludes solin.
 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	ge	0	ctober 2011	
	2009/2010	2010/2011	October 2010	September 2011	High	Low	Average
			dollars pe	er 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.

Delivered dealer North Dakota/Minnesota US\$. Crop year September to August.

^{3.} Delivered dealer.

^{4.} Delivered dealer, Manitoba.

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

Pool A.
 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 pa	yment 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	

Grown from certified seed.

3. Excludes license fee.

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

^{2.} Includes protein premiums.

Table 25 Cash grain prices, Canada

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

^{1.} Basis in store, St.Lawrence.

^{2.} Basis in store, Pacific Coast.

^{3.} Basis in store, Thunder Bay.

Basis delivered, Lethbridge.
 Purchased by licensed dealers from growers.

^{6.} Basis track Thunder Bay.

^{7.} PAR region.

^{8.} Delivered crusher, Hamilton.

Delivered processor, London.
 Delivered elevator, Manitoba.

^{11.} Delivered elevator, Red Deer, Alberta.

Table 26
Cash grain prices, United States

	Crop year average		Monthly ave	erage	O	ctober 2011	
	2009/2010	2010/2011	October 2010	September 2011	High	Low	Average
			U.S. dolla	rs per metric tonn	e		
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
•	000.00	.00.00	002.10	.00.00	0.0.		
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
Exchange rate 8	1.05	1.01	1.03	0.98	••		1.

^{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.

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 ave	erage	0	ctober 2011		
	2009/2010	2010/2011	October 2010	September 2011	High	Low	Average	
			dollars	per metric tonne				
Canola oil 1								
Basis in store Vancouver Canola meal	866.00	1,145.81	1,031.65	1,214.00			1,146.55	
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	005.92	529.00	495.00	••	•••	•••	725.00	
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 Cottonseed meal 41%	315.50	338.70	320.24	337.01	310.70	277.10	298.18	
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 Crude corn oil	243.93	249.75	225.31	345.63	280.00	245.00	255.63	
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 Sunflower oil, European Union	898.42	1,257.17	1,157.00	1,305.00			1,220.00	
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 Coconut oil, Philippines	1,261.58	1,668.73	1,331.00	••	•••	•••		
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 March May	216.00 220.00 225.00	215.00 220.00 225.00	215.50 220.00 225.00	0.80 0.00 0.00	0.42 0.30 0.20	
Canola November January March May July November January	544.60 554.60 563.60 571.10 575.00 540.00 530.00	516.10 519.30 529.90 531.60 538.00 505.70 521.00	523.50 529.50 537.60 540.40 546.40 515.30 519.70	4,183.86 3,547.56 563.20 337.88 140.68 104.90 0.10	6.46 2,103.90 471.52 258.90 109.22 239.26 0.52	
Minneapolis Grain Exchange						
Spring Wheat December March May July September December March	344.10 318.29 311.13 307.73 301.02 304.15 305.62	317.01 301.94 296.80 293.67 288.25 291.38 293.31	332.56 310.88 304.22 300.65 293.06 296.12 297.94	724.42 922.63 275.34 223.17 92.67 58.87 5.25	258.85 456.30 143.75 159.59 79.85 51.17 2.12	
Kansas City Board Of Trade						
Wheat December March May July September December March May July September	271.17 276.77 280.17 283.29 288.62 295.42 298.73 296.15 289.17 291.38	251.51 257.39 260.51 262.99 268.41 277.14 280.08 276.77 267.68 272.00	262.36 268.05 271.17 273.89 278.74 285.76 288.26 285.24 277.93 281.35	 		
CME Group						
Wheat December March May July September December March May July September December May July September December	242.78 255.37 263.27 267.59 273.56 281.27 286.78 288.35 282.01 290.09 291.75	221.93 235.16 244.53 250.22 257.02 265.20 271.08 272.73 265.75 271.26 273.92	230.52 243.39 251.77 257.25 264.14 271.23 277.08 279.52 273.16 279.05 282.14	461.90 204.36 11.65 115.88 8.11 67.82 0.57 0.03 0.00 0.00	4,844.37 2,951.14 916.27 1,788.66 169.06 892.37 43.84 10.61 51.41 0.54 1.80	

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
	dol	lars per metric tonne		thousands of met	ric 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 September	237.00 241.54	222.73 226.62	231.46 235.68	0.00 0.00	0.34 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 4.95
November	459.66	431.74	447.72	0.00	4.95
_	d	ollars 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		
September					

^{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 at Process 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 or	iginating from		
	Manitoba	Saskatchewan	Alberta and British Columbia	Other countries	Total
		metri	ic tonnes		
Barley					
August to December 2010	35,702	37,886	44.053	0	115 511
2010	35,702 38,510	37,886	41,953 35,751	0	115,541 113.656
2009	50.742	39,395 34,228	47,580	0	132.550
2007	30,742	16,250	54,233	0	101,384
2007	22,458	39,646	77,256	0	139,359
August to July	22,430	39,040	77,230	U	139,339
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	Ö	230,979
2006/2007	55,733	84,651	159,828	0	300,212
Corn	33,.33	0.,00.	.00,020	· ·	000,2.2
August to December					
2010	24.136	X	x	60.826	86.075
2009	8,018	X	X	39,187	47,638
2008	38.8131,2	x	x	36,713	75,526
2007	67,8981,2	x	x	123,492	191,390
2006	17,311 1	x	x	93,092	110,430
August to July	,			,	*
2010/2011	60,388	x	х	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 Peas	5,082	4,074	17,685	U	26,841
August to December					
2010	x	7.785	7,710	Х	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	^	2,232	0,020	^	12,171
2010/2011	x	15,247	13,150	х	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
		-,	-,	**	,

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	Ö	205,476
2007/2008	43,302	30,392	110,043	Ö	183,738
2006/2007	51,140	62,955	154,712	Ő	268,807
Other grains 4	01,140	02,555	104,712	· ·	200,007
August to December					
2010	×	x	x	х	15,520
2009	x	X	X	X	5,949
2008	x	X	X	X	623
2007					535
2007	X	X	X	X	
	x	x	X	Х	3,080
August to July					00.050
2010/2011	X	X	Х	Х	23,250
2009/2010	X	X	X	Х	16,168
2008/2009	X	X	X	Х	2,941
2007/2008	X	X	X	Х	1,753
2006/2007	X	Х	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.

Includes a small amount of Manitoba peas.
 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.

^{2.} Includes a small amount of Saskatchewan corn.