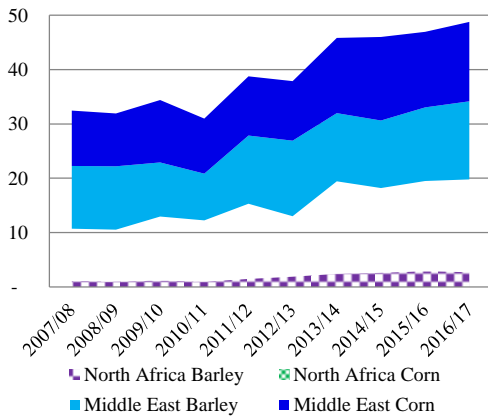


Grain: World Markets and Trade

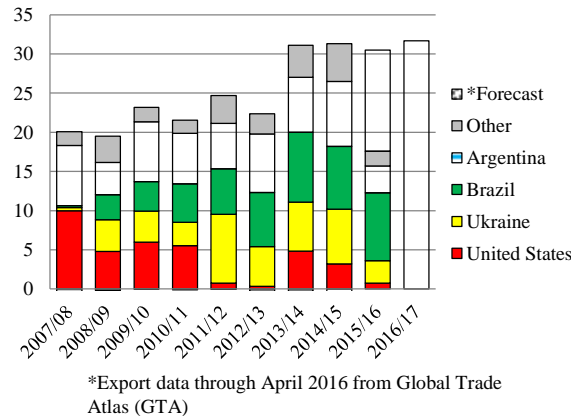
Middle East and North Africa Imports of Corn and Barley Rise

Imports of feed grains (corn and barley) into the Middle East and North Africa (MENA) region¹ have expanded over the last decade. This expansion has been driven by increases in poultry and livestock production as population growth and rising incomes encourage higher animal protein consumption. Since 2007/08, feed use of corn for the region is up 15 million tons and barley is up 7 million tons. Algeria, Egypt, Iran, and Saudi Arabia are the primary drivers for corn, while growth in barley has been driven mainly by Iran and Saudi Arabia. Eight of the world's top ten barley importers are MENA countries, with Saudi Arabia accounting for more than one-third of global trade.

MMT **MENA Corn and Barley Imports**



MMT **Corn Exports to MENA**



During the same period, the U.S. corn market share has dropped significantly in MENA, with the exception of Saudi Arabia. Exports of U.S. corn to the region have fallen from 10 million tons in 2007/08 to just over 3 million tons in 2014/15 with strong U.S. domestic corn use and increasing competition from other exporters. Brazil and the European Union captured market share in Algeria, Egypt, and Tunisia due to larger exportable supplies and proximity, respectively. Likewise, Russia has become a major competitor in Turkey. Other historical suppliers, continue to maintain a large share in many of the MENA countries. Although 2015/16 U.S. exports to MENA have been slow thus far, sales and shipments are picking up on recent competitive prices and reduced exportable supplies from South America.

¹ For list of countries see *Endnotes to Grain: World Markets and Trade*

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The Foreign Agricultural Service (FAS) updates its production, supply and distribution (PSD) database for cotton, oilseeds, and grains at 12:00 p.m. on the day the *World Agricultural Supply and Demand Estimates* (WASDE) report is released. This circular is released by 12:15 p.m.

To download the tables in the publication, go to Production, Supply and Distribution Database (PSD Online): (<http://apps.fas.usda.gov/psdonline/psdHome.aspx>), scroll down to Reports, and Click the plus sign [+] next to Grains.

FAS Reports and Databases:

Current *World Markets and Trade* and *World Agricultural Production* Reports:

<http://apps.fas.usda.gov/psdonline/psdDataPublications.aspx>

Archives *World Markets and Trade* and *World Agricultural Production* Reports:

<http://usda.mannlib.cornell.edu/MannUsda/viewTaxonomy.do?taxonomyID=7>

Production, Supply and Distribution Database (PSD Online):

<http://apps.fas.usda.gov/psdonline/psdHome.aspx>

Global Agricultural Trade System (U.S. Exports and Imports):

<http://apps.fas.usda.gov/gats/default.aspx>

Export Sales Report:

<http://apps.fas.usda.gov/esrquery/>

Global Agricultural Information Network (Agricultural Attaché Reports):

<http://gain.fas.usda.gov/Pages/Default.aspx>

Other USDA Reports:

World Agricultural Supply and Demand Estimates (WASDE):

<http://www.usda.gov/oce/commodity/wasde/>

Economic Research Service:

<http://www.ers.usda.gov/topics/crops>

National Agricultural Statistics Service:

<http://www.nass.usda.gov/Publications/>

All Grain Summary Comparison
Million Metric Tons

Marketing Year	Wheat			Rice, Milled			Corn			
	2014/ 15	2015/ 16	2016/ 17	2014/ 15	2015/ 16	2016/ 17	2014/ 15	2015/ 16	2016/ 17	
Production										
United States	(Jun-May)	55.1	55.8	56.5	7.1	6.1	7.3	361.1	345.5	366.5
Other		671.8	678.4	674.3	471.6	464.8	473.4	652.4	620.9	645.3
World Total		726.9	734.2	730.8	478.7	470.9	480.7	1,013.5	966.4	1,011.8
Domestic Consumption										
United States	(Jun-May)	31.6	31.7	33.5	4.2	3.9	4.3	301.9	301.3	310.4
Other		667.7	673.7	678.9	471.4	472.9	474.2	662.1	679.7	696.7
World Total		699.3	705.4	712.4	475.6	476.8	478.5	964.0	981.0	1,007.1
Ending Stocks										
United States	(Jun-May)	20.5	26.7	28.6	1.6	1.4	1.6	44.0	43.4	51.0
Other		196.0	216.3	229.2	112.8	105.2	105.3	164.4	163.0	154.1
World Total		216.5	243.0	257.8	114.4	106.6	106.9	208.4	206.4	205.1
TY Imports										
United States	(Jun-May)	4.0	3.2	3.4	0.8	0.8	0.8	0.8	1.5	1.0
Other		154.4	162.2	159.2	38.5	38.4	37.8	124.7	130.3	128.1
World Total		158.4	165.4	162.6	39.3	39.2	38.6	125.5	131.8	129.1
TY Exports										
United States	(Jun-May)	22.8	21.2	24.5	3.5	3.4	3.6	46.8	46.0	49.5
Other		138.7	146.5	140.9	39.3	38.0	37.0	81.2	88.6	82.8
World Total		161.5	167.7	165.4	42.8	41.4	40.6	128.0	134.6	132.3

Note: Consumption in this table has not been adjusted for differences in marketing year imports and exports and therefore differs from global totals shown elsewhere. Marketing years for U.S. grains are: Wheat (Jun-May), Rice (Aug-Jul), Corn (Sep-Aug). 'Marketing Year' column is germane for U.S. wheat only.

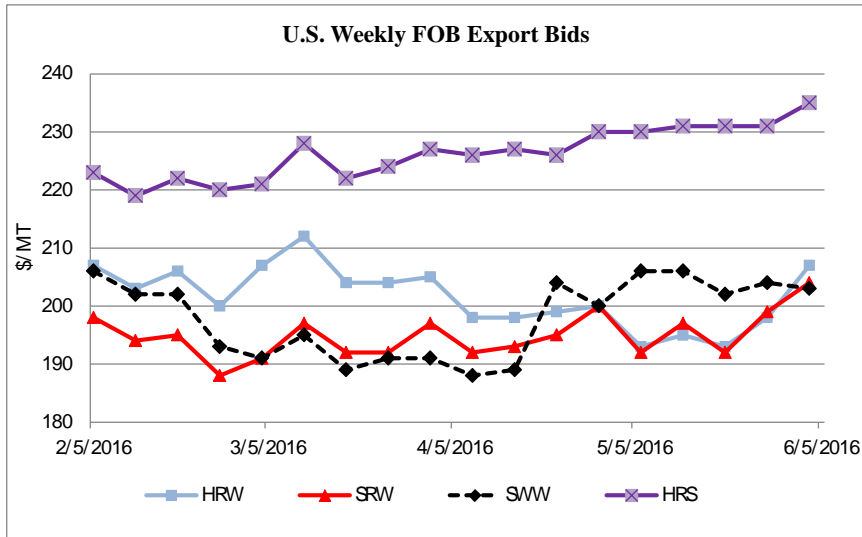
WHEAT: WORLD MARKETS AND TRADE

OVERVIEW

Global production in 2016/17 is raised to the second-highest on record. Larger crops are projected in the EU (particularly Spain), Russia, and the United States. Brazil's crop is down slightly. Global trade is up, but still below last year's record. The upturn is driven by a significant bump in India's import demand, based on low international prices and faltering domestic procurement. Greater exports for the EU, Russia, and the United States are the only revisions among major suppliers. The season-average farm price is reduced slightly.

For 2015/16, global trade is revised up to a new record, driven mostly by a late-season surge of shipments to Morocco. U.S. imports and exports are lowered marginally.

U.S. PRICES:



Domestic: Wheat prices were volatile in May, particularly Hard Red Winter (HRW) and Soft Red Winter (SRW). Prices for these classes initially dropped \$7/ton and \$8/ton, respectively, and then surged \$22/ton to \$215 and \$20/ton to \$212 through early June. Hard Red Spring (HRS) was less volatile over the month, but still rose \$11/ton to \$241. Climbing soybean and corn prices are pulling wheat prices higher despite record global wheat supplies. Soft White Winter (SWW) was up \$3/ton to \$203.

TRADE CHANGES IN 2016/17

Selected Exporters

- **EU** is boosted 500,000 tons to a record 35.5 million as a result of a larger crop and a continuation of strong late-season (2015/16) export licenses.
- **Russia** is raised 500,000 tons to a record 25.0 million based on a record crop.
- **United States** is up 500,000 tons to 24.5 million on a larger crop.

Selected Importers

- **India** is doubled to 2.0 million as low international prices and faltering domestic procurement encourage purchases, particularly from Australia and the EU.
- **Indonesia** is lifted 400,000 tons to 9.1 million as high demand for feed-quality wheat in 2015/16 is expected to continue.
- **United States** is down 100,000 tons to 3.4 million due to a larger expected domestic crop.

TRADE CHANGES IN 2015/16

Selected Exporters- based on trade data

- **Argentina** is up 300,000 tons to 8.8 million.
- **EU** is boosted 500,000 tons to 33.0 million.
- **Ukraine** is lifted 300,000 tons to 15.8 million.
- **United States** is trimmed 100,000 tons to 21.2 million.

Selected Importers- based on trade data

- **Egypt** is lowered 500,000 tons to 11.5 million.
- **Indonesia** is raised 500,000 tons to 9.1 million.
- **Morocco** is up 700,000 tons to 4.7 million.

World Wheat, Flour, and Products Trade
July/ June Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
TY Exports						
Argentina	7,450	1,675	4,200	8,800	8,500	8,500
Australia	21,269	18,339	16,575	16,300	17,000	17,000
Brazil	1,753	81	1,688	1,200	1,000	1,000
Canada	18,584	22,156	24,877	22,500	20,000	20,000
European Union	22,786	32,032	35,418	33,000	35,000	35,500
Kazakhstan	6,801	8,000	5,507	7,500	7,000	7,000
Mexico	729	1,322	1,104	1,300	1,200	1,200
Russia	11,308	18,609	22,800	24,500	24,500	25,000
Turkey	3,583	4,293	4,134	5,500	5,000	5,000
Ukraine	7,190	9,755	11,269	15,800	11,500	11,500
Others	18,067	14,673	11,206	10,132	9,252	9,247
Subtotal	119,520	130,935	138,778	146,532	139,952	140,947
United States	27,734	31,518	22,752	21,200	24,000	24,500
World Total	147,254	162,453	161,530	167,732	163,952	165,447
TY Imports						
Afghanistan	1,600	2,050	2,000	2,400	2,200	2,200
Algeria	6,484	7,484	7,257	8,100	7,500	7,500
Bangladesh	2,725	3,354	3,915	4,200	4,400	4,400
Brazil	7,547	7,061	5,869	5,800	5,800	6,000
China	2,960	6,773	1,926	3,000	3,200	3,200
Egypt	8,400	10,150	11,100	11,500	12,000	12,000
Ethiopia	1,344	670	1,100	3,100	2,000	2,000
European Union	5,276	3,976	5,975	6,700	5,500	5,500
India	20	22	273	500	1,000	2,000
Indonesia	7,146	7,391	7,478	9,100	8,700	9,100
Iraq	3,948	3,246	2,253	2,400	2,200	2,200
Japan	6,598	6,123	5,878	5,700	5,700	5,700
Korea, South	5,439	4,288	3,942	4,300	4,300	4,300
Mexico	3,823	4,639	4,476	4,500	4,200	4,400
Morocco	3,825	3,928	4,086	4,700	5,500	5,500
Nigeria	4,168	4,580	4,244	4,300	4,100	4,100
Peru	1,683	2,114	1,907	1,800	1,900	1,900
Philippines	3,620	3,476	5,055	4,500	4,800	4,800
Saudi Arabia	1,921	3,429	3,487	3,000	3,500	3,500
Sudan	1,793	2,664	2,632	2,300	2,100	2,100
Thailand	1,840	1,684	3,488	4,500	3,600	3,600
Turkey	3,312	4,149	5,960	4,300	4,500	4,500
Uzbekistan	1,863	2,224	2,230	2,600	2,500	2,500
Vietnam	1,671	2,157	2,296	3,000	2,700	2,700
Yemen	3,207	3,425	3,245	3,300	3,350	3,350
Others	49,107	54,522	52,386	52,646	49,971	50,171
Subtotal	141,320	155,579	154,458	162,246	157,221	159,221
Unaccounted	2,458	2,089	3,085	2,286	3,231	2,826
United States	3,476	4,785	3,987	3,200	3,500	3,400
World Total	147,254	162,453	161,530	167,732	163,952	165,447

TY= Trade Year, see Endnotes.

World Wheat Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
Production						
Argentina	9,300	10,500	14,000	11,300	14,500	14,500
Australia	22,856	25,303	23,076	24,500	25,000	25,000
Brazil	4,380	5,300	6,000	5,540	5,500	5,300
Canada	27,205	37,530	29,420	27,600	28,500	28,500
China	121,023	121,930	126,208	130,190	130,000	130,000
Egypt	8,500	8,250	8,300	8,100	8,100	8,100
European Union	133,949	144,583	156,828	160,006	156,500	157,500
India	94,882	93,506	95,850	86,530	88,000	88,000
Iran	13,800	14,500	13,000	15,000	15,500	15,500
Kazakhstan	9,841	13,941	12,996	13,748	13,000	13,000
Pakistan	23,473	24,211	25,979	25,100	25,300	25,300
Russia	37,720	52,091	59,080	61,044	63,000	64,000
Turkey	16,000	18,750	15,250	19,500	17,500	17,500
Ukraine	15,761	22,278	24,750	27,274	24,000	24,000
Uzbekistan	6,700	6,800	7,150	7,200	7,200	7,200
Others	51,595	57,344	53,909	55,769	51,026	50,896
Subtotal	596,985	656,817	671,796	678,401	672,626	674,296
United States	61,298	58,105	55,147	55,840	54,366	56,531
World Total	658,283	714,922	726,943	734,241	726,992	730,827
Total Consumption						
Algeria	9,450	9,850	10,050	10,250	10,450	10,450
Brazil	10,900	11,400	10,700	10,200	10,100	10,100
Canada	9,555	9,414	9,077	8,800	8,800	8,800
China	125,000	116,500	116,500	112,000	110,500	110,500
Egypt	18,700	18,500	19,100	19,200	19,700	19,700
European Union	119,250	117,300	123,500	128,800	126,800	127,800
India	83,824	93,848	93,122	88,641	91,950	93,100
Indonesia	6,950	7,165	7,365	8,250	8,400	8,800
Iran	16,000	17,000	17,500	18,000	18,500	18,500
Morocco	8,300	9,000	9,000	9,800	9,600	9,600
Pakistan	23,900	24,100	24,500	24,400	24,500	24,500
Russia	33,550	34,100	35,500	37,000	37,500	37,500
Turkey	17,650	17,750	17,500	18,000	17,800	17,800
Ukraine	11,400	11,500	12,000	12,500	12,500	12,500
Uzbekistan	8,000	8,400	8,900	9,300	9,500	9,500
Others	146,702	150,229	153,414	158,549	159,487	159,747
Subtotal	641,284	663,545	673,034	676,033	679,844	682,465
United States	37,768	34,287	31,554	31,741	32,713	33,530
World Total	679,052	697,832	704,588	707,774	712,557	715,995
Ending Stocks						
Australia	4,663	4,558	4,003	4,928	5,618	5,618
China	53,960	65,274	76,105	96,295	117,995	117,995
European Union	10,711	9,938	13,823	18,729	19,229	18,429
India	24,200	17,830	17,200	14,500	11,150	11,000
Iran	5,096	7,241	7,846	8,146	5,946	5,946
Morocco	2,674	4,321	4,269	7,069	4,469	5,319
Russia	4,933	5,177	6,285	6,629	8,129	8,629
Others	51,319	63,780	66,531	60,042	56,814	56,325
Subtotal	157,556	178,119	196,062	216,338	229,350	229,261
United States	19,538	16,065	20,477	26,668	27,991	28,577
World Total	177,094	194,184	216,539	243,006	257,341	257,838

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	May 2016/ 17	Jun 2016/ 17
TY Imports						
North America	7,784	9,866	8,953	8,185	8,185	8,285
Central America	1,654	1,833	1,834	1,830	1,855	1,905
South America	14,422	14,866	13,132	13,090	13,110	13,410
European Union - 28	5,276	3,976	5,975	6,700	5,500	5,500
Other Europe	1,632	1,858	1,760	1,920	1,785	1,785
Former Soviet Union - 12	7,246	7,506	7,681	7,790	7,470	7,470
Middle East	24,230	28,384	26,912	24,540	23,240	23,300
North Africa	22,047	25,246	25,230	27,500	27,900	27,900
Sub-Saharan Africa	18,585	20,502	20,939	23,345	21,985	21,960
East Asia	17,354	19,465	14,115	15,535	15,520	15,520
South Asia	5,308	6,721	8,149	8,226	8,726	9,726
Southeast Asia	16,294	17,101	20,541	23,500	22,185	22,585
Others	2,964	3,040	3,224	3,285	3,260	3,275
Total	144,796	160,364	158,445	165,446	160,721	162,621
Production						
North America	91,734	99,012	88,254	87,191	86,966	89,001
South America	18,011	19,762	24,222	20,843	23,918	23,718
European Union - 28	133,949	144,583	156,828	160,006	156,500	157,500
Other Europe	3,431	4,059	3,856	4,032	4,015	4,015
Former Soviet Union - 12	77,802	103,885	112,735	117,596	115,830	116,830
Middle East	36,884	41,708	35,414	41,820	39,310	39,310
North Africa	17,328	19,656	17,010	19,910	14,700	14,700
Sub-Saharan Africa	6,716	7,154	7,144	6,371	7,127	7,127
East Asia	122,490	123,248	127,650	131,516	131,360	131,360
South Asia	126,412	125,917	130,154	119,840	121,645	121,645
Oceania	23,345	25,751	23,490	24,925	25,430	25,430
Others	181	187	186	191	191	191
Total	658,283	714,922	726,943	734,241	726,992	730,827
Domestic Consumption						
North America	53,948	50,351	47,481	47,541	48,633	49,450
South America	26,212	27,126	26,780	26,575	26,507	26,607
European Union - 28	119,250	117,300	123,500	128,800	126,800	127,800
Other Europe	4,721	4,757	4,810	4,865	4,980	4,980
Former Soviet Union - 12	71,725	72,750	75,860	78,030	78,965	78,965
Middle East	56,636	58,717	58,112	60,105	60,180	60,240
North Africa	41,290	42,425	42,651	43,525	44,000	44,000
Sub-Saharan Africa	24,047	26,341	26,848	28,234	28,470	28,460
East Asia	140,071	130,201	129,513	125,230	123,750	123,750
South Asia	121,007	132,041	132,322	128,567	132,491	133,641
Southeast Asia	16,515	16,560	19,265	21,705	21,460	21,960
Oceania	8,111	8,280	8,569	8,605	8,845	8,850
Others	3,366	3,494	3,571	3,649	3,719	3,724
Total	686,899	690,343	699,282	705,431	708,800	712,427
Ending Stocks						
North America	24,925	26,790	28,080	31,007	32,604	33,151
South America	3,538	6,834	8,338	4,100	4,200	3,760
European Union - 28	10,711	9,938	13,823	18,729	19,229	18,429
Other Europe	1,057	941	1,074	1,286	1,161	1,231
Former Soviet Union - 12	14,288	15,727	20,084	18,760	19,865	19,965
Middle East	14,049	18,560	18,443	18,863	15,348	15,198
North Africa	11,795	13,802	12,784	15,969	13,379	13,729
Sub-Saharan Africa	2,485	2,923	2,931	3,513	3,035	3,035
East Asia	57,214	68,314	79,228	99,514	121,029	121,104
South Asia	27,995	21,661	23,185	20,840	17,470	17,320
Southeast Asia	3,718	3,466	3,892	4,827	3,857	4,622
Oceania	4,978	4,861	4,289	5,219	5,889	5,899
Others	341	367	388	379	275	395
Total	177,094	194,184	216,539	243,006	257,341	257,838

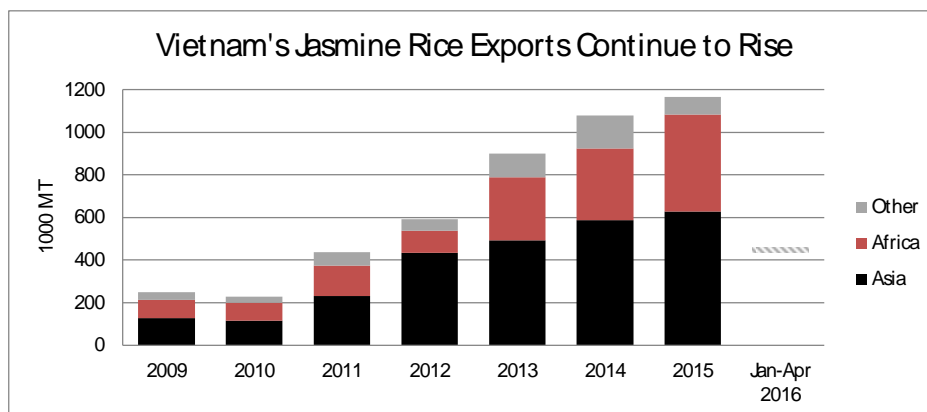
NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

RICE: WORLD MARKETS AND TRADE

OVERVIEW

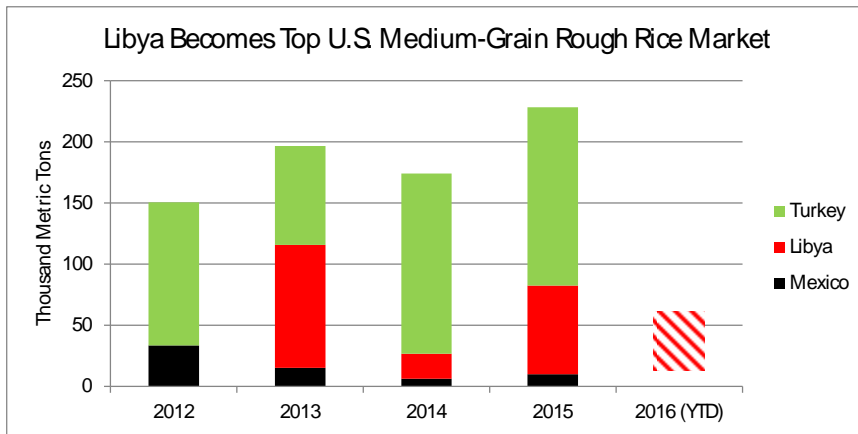
For 2016/17, global production is still projected at a record. Global trade and consumption are little changed. The U.S. season-average farm price is forecast slightly higher than last month, though still below the previous year's level.

For 2015/16, global production is higher as an upward revision to the Indian crop more than offsets declines in Argentina and Uruguay. Stocks are up from last month, but trade is down slightly. U.S. exports are raised marginally on the pace of shipments.



Vietnamese exports of fragrant Jasmine rice continue to rise rapidly, up 350 percent from 2009. This comprises a growing proportion – now over 20 percent – of the country's total exports. Initial growth in Jasmine exports was on account of Asian markets, such as China and Hong Kong, where Jasmine rice has long been consumed. So far in 2016, a majority of Vietnam's Jasmine shipments have been to Africa, a relatively new market.

Within Africa, Ghana is the primary market. In the first four months of 2016, Vietnam exported over 135,000 tons of Jasmine rice to the country, a 60 percent increase compared to the same period last year. Changing tastes and preferences have fueled import demand for Jasmine rice, which is not locally produced.



The core U.S. markets for medium-grain rough rice have been Turkey, Mexico, and Libya. Mexico, with its close proximity, has been a steady market. Until recently, Turkey has been a significant buyer, importing rough rice to mill and re-export to neighboring markets. However, thus far in 2016, it has yet to purchase any U.S. rice, relying more on nearby suppliers for medium-grain and increasingly purchasing long-grain. Notably, recent sales to Libya have finally brought improved export prospects for the abundant medium-grain supplies in the southern U.S. region. Exports to Libya to date have surged to nearly 50,000 tons (rough basis), making it the largest market so far in 2016.

PRICES



Over the past couple of months, Asian export quotes have strengthened, with the exception of Vietnam where weaker demand from Southeast Asian markets has caused quotes to fall to \$369/ton. Indian export quotes are marginally higher at \$380/ton. Pakistani quotes, typically at a discount to India, have seen a sharp run-up to \$410/ton, suggesting tightness in the market. Likewise, export quotes from Thailand escalated to \$416/ton, in part due to production-related concerns and declining stocks, but have recently leveled off.

Selected Trade Changes

- **Philippines** imports are cut 300,000 tons to 1.5 million for 2016 due to slower trade and adequate supplies.
- **Burma** exports are reduced 150,000 tons to 1.7 million for 2016 on slower trade to date and trimmed 100,000 tons to 1.8 million for 2017 on expectations of continued constraints to border trade.

World Rice Trade
January/ December Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
TY Exports						
Argentina	526	494	310	480	600	600
Australia	460	404	323	200	230	230
Brazil	830	852	895	800	800	800
Burma	1,163	1,688	1,735	1,650	1,850	1,750
Cambodia	1,075	1,000	1,150	900	1,050	1,050
China	447	393	262	350	300	300
Egypt	700	600	250	250	250	250
European Union	203	284	251	270	260	260
Guyana	346	502	536	540	540	540
India	10,480	11,588	11,046	9,000	8,500	8,500
Pakistan	4,126	3,600	4,000	4,400	4,250	4,250
Paraguay	365	380	371	470	470	470
Thailand	6,722	10,969	9,779	9,800	9,000	9,000
Uruguay	939	957	718	800	840	840
Vietnam	6,700	6,325	6,606	7,000	7,000	7,000
Others	1,116	1,081	1,095	1,093	1,117	1,117
Subtotal	36,198	41,117	39,327	38,003	37,057	36,957
United States	3,295	2,998	3,472	3,350	3,600	3,600
World Total	39,493	44,115	42,799	41,353	40,657	40,557
TY Imports						
Angola	430	496	434	450	475	475
Bangladesh	114	1,290	595	350	500	500
Brazil	712	586	363	700	600	600
Cameroon	550	610	525	530	530	530
China	3,500	4,450	5,150	5,000	5,000	5,000
Cote d'Ivoire	830	950	1,100	1,000	900	900
Cuba	413	377	575	500	510	510
European Union	1,375	1,556	1,786	1,600	1,600	1,600
Ghana	725	590	500	580	600	600
Haiti	416	385	444	470	440	440
Indonesia	650	1,225	1,198	2,000	1,250	1,250
Iran	2,220	1,650	1,300	1,450	1,450	1,450
Iraq	1,294	1,080	1,009	1,150	1,150	1,150
Japan	690	669	688	700	700	700
Kenya	410	440	450	460	470	470
Malaysia	885	989	1,051	1,020	1,050	1,050
Mexico	746	658	708	700	750	750
Mozambique	500	500	480	500	540	540
Nepal	340	510	529	500	550	550
Nigeria	2,400	3,200	2,500	2,300	2,000	2,000
Philippines	1,000	1,800	2,000	1,500	1,500	1,500
Saudi Arabia	1,326	1,410	1,444	1,450	1,500	1,500
Senegal	902	960	990	985	990	990
South Africa	990	910	912	1,000	925	925
United Arab Emirates	540	560	580	600	610	610
Others	11,809	12,684	11,223	10,944	11,199	11,199
Subtotal	35,767	40,535	38,534	38,439	37,789	37,789
Unaccounted	3,051	2,825	3,507	2,149	2,093	1,993
United States	675	755	758	765	775	775
World Total	39,493	44,115	42,799	41,353	40,657	40,557

TY= Trade Year, see Endnotes. Note about dates: 2015/16 is calendar year 2016, 2014/15 is calendar year 2015, and so on.

World Rice Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
Milled Production						
Bangladesh	33,820	34,390	34,500	34,500	34,550	34,550
Brazil	8,037	8,300	8,465	7,600	8,500	8,500
Burma	11,715	11,957	12,600	12,200	12,500	12,500
Cambodia	4,670	4,725	4,700	4,350	4,700	4,700
China	143,000	142,530	144,560	145,770	146,500	146,500
Egypt	4,675	4,750	4,530	4,000	4,000	4,000
India	105,240	106,646	105,480	103,500	105,000	105,000
Indonesia	36,550	36,300	35,560	35,300	36,600	36,600
Japan	7,907	7,931	7,849	7,653	7,680	7,680
Korea, South	4,006	4,230	4,241	4,327	4,000	4,000
Pakistan	5,536	6,798	6,900	6,700	6,900	6,900
Philippines	11,428	11,858	11,915	11,350	12,000	12,000
Sri Lanka	2,675	2,840	2,850	3,300	3,400	3,400
Thailand	20,200	20,460	18,750	15,800	17,000	17,000
Vietnam	27,537	28,161	28,166	28,100	28,500	28,500
Others	39,151	40,446	40,556	40,334	41,545	41,553
Subtotal	466,147	472,322	471,622	464,784	473,375	473,383
United States	6,348	6,117	7,106	6,107	7,335	7,335
World Total	472,495	478,439	478,728	470,891	480,710	480,718
Consumption and Residual						
Bangladesh	34,500	34,900	35,100	35,200	35,300	35,300
Brazil	7,850	7,900	7,910	7,840	8,000	8,000
Burma	10,400	10,450	10,500	10,600	10,700	10,700
Cambodia	3,550	3,650	3,615	3,600	3,600	3,600
China	141,000	143,000	144,500	146,000	145,000	145,000
Egypt	4,050	4,000	4,000	3,800	3,900	3,900
India	94,031	98,710	98,233	98,500	98,600	98,600
Indonesia	38,127	38,500	38,300	38,100	38,100	38,100
Japan	8,351	8,380	8,600	8,600	8,700	8,700
Korea, South	4,489	4,422	4,350	4,374	4,334	4,334
Nepal	3,353	3,811	3,716	3,600	3,650	3,650
Nigeria	5,300	5,600	5,700	5,400	5,200	5,200
Philippines	12,850	12,850	13,200	13,200	13,300	13,300
Thailand	10,600	10,700	10,600	10,800	11,100	11,100
Vietnam	21,600	22,000	22,000	21,850	21,800	21,800
Others	59,079	61,446	61,163	61,447	62,881	62,881
Subtotal	461,725	473,935	474,527	474,803	476,239	476,107
United States	3,779	3,977	4,155	3,853	4,287	4,287
World Total	465,504	477,912	478,682	478,656	480,526	480,394
Ending Stocks						
China	49,832	53,102	57,436	61,856	68,056	68,056
India	25,440	22,757	17,766	13,766	11,166	11,666
Indonesia	6,476	5,501	3,959	3,159	2,909	2,909
Japan	2,857	3,007	2,821	2,494	2,089	2,089
Korea, South	780	899	1,253	1,672	1,744	1,744
Philippines	1,487	1,695	2,210	1,960	2,510	2,160
Thailand	12,808	11,899	10,570	6,070	3,220	3,220
Others	12,977	14,455	16,819	14,283	13,318	13,486
Subtotal	112,657	113,315	112,834	105,260	105,012	105,330
United States	1,156	1,025	1,552	1,361	1,599	1,615
World Total	113,813	114,340	114,386	106,621	106,611	106,945

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	May 2016/ 17	Jun 2016/ 17
TY Imports						
North America	1,776	1,771	1,816	1,825	1,890	1,890
Caribbean	971	903	1,176	1,125	1,110	1,110
South America	1,833	1,814	1,678	1,817	1,827	1,827
Other Europe	125	132	128	135	140	140
Former Soviet Union - 12	557	567	467	411	406	406
Middle East	7,252	6,891	6,261	6,405	6,605	6,605
North Africa	487	480	466	465	465	465
Sub-Saharan Africa	11,567	12,669	10,971	11,220	10,930	10,930
East Asia	5,349	6,043	6,681	6,636	6,631	6,631
South Asia	722	2,581	1,579	1,010	1,210	1,210
Southeast Asia	3,606	5,027	5,514	5,720	4,960	4,960
Others	2,197	2,412	2,555	2,435	2,390	2,390
Total	36,442	41,290	39,292	39,204	38,564	38,564
Production						
North America	6,479	6,248	7,285	6,267	7,500	7,508
Caribbean	974	1,054	1,104	996	1,005	1,005
South America	15,852	16,384	16,365	15,480	16,588	16,588
European Union - 28	2,100	1,937	1,963	2,055	2,026	2,026
Former Soviet Union - 12	1,294	1,205	1,185	1,262	1,245	1,245
Middle East	2,251	2,450	2,443	2,392	2,495	2,495
North Africa	4,704	4,789	4,530	4,000	4,000	4,000
Sub-Saharan Africa	13,272	13,984	14,438	15,127	15,390	15,390
East Asia	157,953	157,701	159,486	160,194	160,924	160,924
South Asia	150,631	154,490	153,331	151,620	153,450	153,450
Southeast Asia	115,490	116,867	115,367	110,651	114,971	114,971
Others	1,495	1,330	1,231	847	1,116	1,116
Total	472,495	478,439	478,728	470,891	480,710	480,718
Domestic Consumption						
North America	4,977	5,202	5,369	5,083	5,532	5,532
Central America	1,171	1,197	1,226	1,242	1,288	1,293
Caribbean	1,954	1,992	2,136	2,103	2,151	2,151
South America	14,354	14,542	14,568	14,602	14,781	14,776
European Union - 28	3,250	3,250	3,320	3,380	3,420	3,420
Former Soviet Union - 12	1,579	1,551	1,426	1,441	1,441	1,441
Middle East	8,989	9,248	9,145	9,055	9,160	9,160
North Africa	4,572	4,480	4,430	4,230	4,330	4,330
Sub-Saharan Africa	24,741	26,371	26,055	26,133	26,579	26,579
East Asia	157,459	159,412	160,714	161,904	161,259	161,259
South Asia	137,462	143,476	143,540	143,870	144,270	144,270
Southeast Asia	101,694	102,867	103,157	103,191	103,706	103,706
Others	707	708	556	530	535	535
Total	462,909	474,296	475,642	476,764	478,452	478,452
Ending Stocks						
North America	1,345	1,176	1,704	1,500	1,764	1,795
Central America	186	205	244	231	235	229
Caribbean	289	266	263	261	225	225
South America	1,591	1,902	2,129	1,606	1,900	1,809
European Union - 28	1,188	1,163	1,237	1,232	1,178	1,178
Middle East	2,004	1,836	1,633	1,300	1,215	1,215
North Africa	427	602	916	901	786	786
Sub-Saharan Africa	2,229	1,987	2,283	2,197	1,653	1,653
East Asia	53,832	57,296	61,766	66,298	72,185	72,185
South Asia	26,819	25,629	21,808	17,059	14,094	14,594
Southeast Asia	23,486	21,876	19,997	13,802	11,202	11,102
Oceania	238	241	247	93	63	63
Others	179	161	159	141	111	111
Total	113,813	114,340	114,386	106,621	106,611	106,945

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

COARSE GRAINS: WORLD MARKETS AND TRADE

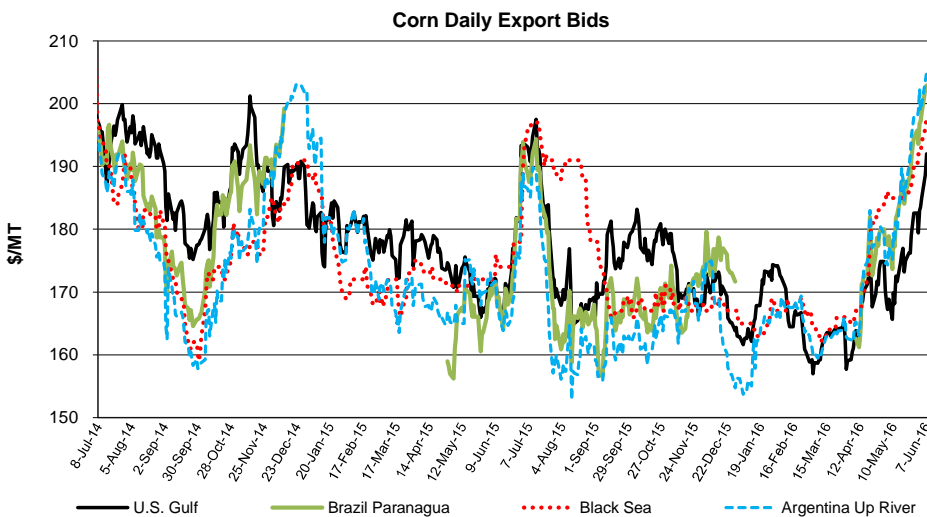
OVERVIEW

For 2016/17, global corn production is marginally higher with a larger forecast crop for Mexico. Global trade is lower, highlighted by reduced imports for EU and Mexico. Exports are lowered for Brazil but raised for the United States. The season-average farm price is raised.

For 2015/16, global corn production is lower from last month largely driven by a smaller crop in Brazil. Global trade is boosted to a new record with higher imports for Iran and Mexico more than offsetting a reduction to the EU. U.S. exports are raised more than offsetting lower Brazilian exports. The U.S. season-average farm price is boosted.

PRICES

Since the release of the May WASDE report, FOB quotes have risen for all major exporters. U.S. quotes remain the most competitive, even after rising \$23/ton to \$192 on strong nearby demand and tightening competitor supplies. Argentine quotes surged \$28/ton to \$205 as heavy rain has delayed the harvest and made it more difficult to move the crop to ports. Brazilian quotes are up \$24/ton to \$203 on expectations of a smaller second crop. This is the first time that any corn quotes have risen above \$200/ton since December 2014. Since May, Black Sea quotes have risen \$13/ton to \$198. Note: Recent Brazilian quotes are for August, while all other export quotes are for nearby (30-day) shipment.



TRADE CHANGES IN 2016/17

Selected Exporters

- **U.S. corn** is up 500,000 tons to 49.5 million on lower competition from Brazil. **Exports** for 2015/16 are also raised 2.5 million tons to 46.0 million with strong sales and shipments. **Imports** for 2015/16 are boosted 100,000 tons to 1.5 million on trade to date.
- **Brazilian corn** is slashed 2.0 million tons to 23.0 million based on a smaller 2015/16 second-crop. Likewise, exports for 2015/16 are cut 2.0 million tons to 34.5 million.
- **EU barley** is up 300,000 tons to 9.0 million on expected strong demand from North Africa and the Middle East and larger exportable supplies.
- **Ukrainian barley** is up 800,000 tons to 4.0 million on greater supplies.

Selected Importers

- **EU corn** is down 1.0 million tons to 12.0 million on ample supplies of domestic feedstuffs.
- **Mexican corn** is cut 500,000 tons to 13.0 million based on expectations of a larger crop and ample carryin. Imports for 2015/16 are raised 500,000 tons to 12.5 million on the fast pace of imports from the United States.
- **Iranian barley** is up 500,000 tons to 1.6 million, reflecting stronger expected feed demand.
- **Saudi Arabian barley** is up 500,000 tons to 10.0 million as strong demand in 2015/16 is expected to continue. Imports for 2015/16 are up 500,000 tons to 9.5 million based on trade to date.

TRADE CHANGES IN 2015/16

Selected Exporters

- **EU corn** is raised 200,000 tons to 1.6 million based on the pace of export licenses.
- **Russian corn** is up 200,000 tons to 4.4 million and **barley** is raised 400,000 tons to 3.8 million, both based on trade to date.
- **Australian barley** is cut 300,000 tons to 5.2 million on weaker demand from China.
- **Ukrainian barley** is up 300,000 tons to 3.8 million with strong demand in the Middle East and North Africa.
- **U.S. sorghum** is up 400,000 tons to 7.8 million on recent food aid shipments and increased export sales.

Selected Importers

- **EU corn** is cut 500,000 tons to 14.5 million reflecting smaller supplies from Brazil and greater wheat and barley availability.
- **Egyptian corn** is up 250,000 tons to 8.5 million as feed demand continues to grow, evidenced by stronger-than-expected imports to date.
- **Iranian corn** is boosted 500,000 tons to 5.5 million on trade to date.
- **Chinese barley** is cut 500,000 tons to 7.0 million reflecting the slowing pace to date.
- **Moroccan barley** is up 400,000 tons to 700,000 on higher-than-expected imports in advance of the drought-reduced 2016/17 harvest.

World Coarse Grain Trade
October/ September Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
TY Exports						
Argentina	29,497	16,630	21,003	23,405	25,605	25,505
Australia	6,411	7,004	7,290	6,575	7,175	7,175
Brazil	26,078	22,059	21,954	34,535	25,030	23,030
Canada	4,658	5,482	3,597	4,150	4,450	4,450
European Union	8,943	7,841	15,067	11,692	12,055	12,355
Paraguay	2,861	2,718	3,031	2,715	2,315	2,315
Russia	4,366	7,074	9,155	8,270	8,610	8,610
Serbia	605	1,799	3,001	1,740	2,260	2,260
South Africa	2,412	2,127	770	725	1,325	1,325
Ukraine	15,527	24,125	24,208	20,020	20,330	21,130
Others	10,279	11,215	7,999	7,225	7,130	7,055
Subtotal	111,637	108,074	117,075	121,052	116,285	115,210
United States	20,586	56,772	56,340	54,105	54,835	55,335
World Total	132,223	164,846	173,415	175,157	171,120	170,545
TY Imports						
Algeria	3,289	4,946	4,863	4,730	4,775	4,775
Chile	1,327	1,621	1,707	1,950	2,050	2,050
China	5,603	12,445	25,699	16,000	12,200	12,200
Colombia	4,090	4,795	4,747	4,830	4,840	4,840
Dominican Republic	1,046	1,011	1,202	1,200	1,225	1,225
Egypt	5,097	8,775	7,940	8,580	8,855	8,855
European Union	11,778	16,355	9,146	14,795	13,355	12,355
Indonesia	2,719	3,513	3,381	3,100	3,000	3,000
Iran	4,800	6,600	8,100	7,400	6,600	7,100
Israel	1,564	2,073	1,603	1,690	1,810	1,810
Japan	17,742	17,501	16,726	16,715	16,520	16,520
Jordan	1,406	1,672	1,459	1,450	1,675	1,675
Korea, South	8,265	10,499	10,245	10,090	10,590	10,590
Libya	1,220	1,493	1,685	1,600	1,500	1,500
Malaysia	3,048	3,485	3,238	3,500	3,600	3,600
Mexico	7,624	11,312	11,570	13,475	14,475	13,975
Morocco	1,832	2,858	2,217	2,800	2,800	2,800
Peru	2,404	2,336	2,863	2,825	2,835	2,835
Saudi Arabia	12,390	11,332	11,115	13,010	13,005	13,505
South Africa	92	235	607	2,925	2,650	2,650
Taiwan	4,413	4,346	3,949	4,300	4,200	4,200
Tunisia	1,608	1,449	1,524	1,800	1,900	1,900
Turkey	1,922	1,977	2,719	955	1,905	1,905
Venezuela	2,154	2,627	2,433	1,800	2,100	2,100
Vietnam	1,600	4,300	6,700	6,900	6,000	6,000
Others	14,248	16,844	18,365	19,157	18,801	18,806
Subtotal	123,281	156,400	165,803	167,577	163,266	162,771
Unaccounted	2,427	5,124	4,325	3,820	4,629	4,549
United States	6,515	3,322	3,287	3,760	3,225	3,225
World Total	132,223	164,846	173,415	175,157	171,120	170,545

TY= Trade Year, see Endnotes.

World Coarse Grains Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
Production						
Argentina	37,246	35,665	35,732	35,234	41,889	41,889
Australia	11,414	12,158	11,651	12,580	12,364	12,364
Brazil	84,253	82,603	87,668	79,963	84,613	84,663
Canada	24,445	28,745	21,992	25,660	26,065	26,065
China	212,192	225,408	222,750	231,780	225,700	225,700
Ethiopia	12,286	13,079	13,346	9,985	12,750	12,750
European Union	146,188	159,212	170,759	151,247	157,705	160,470
India	39,910	43,216	43,081	37,750	41,700	41,700
Indonesia	8,500	9,100	9,000	9,400	9,600	9,600
Mexico	28,881	32,065	32,689	31,389	31,225	31,925
Nigeria	18,573	19,292	19,015	17,950	18,500	18,500
Russia	28,658	35,735	40,386	37,427	39,375	39,375
South Africa	12,873	15,518	11,110	7,025	13,583	13,583
Turkey	10,595	13,090	9,425	14,275	11,575	11,575
Ukraine	29,528	40,022	39,389	33,387	34,925	35,775
Others	145,578	148,666	159,010	152,757	154,803	154,812
Subtotal	851,120	913,574	927,003	887,809	916,372	920,746
United States	285,311	367,089	377,234	366,902	382,256	382,256
World Total	1,136,431	1,280,663	1,304,237	1,254,711	1,298,628	1,303,002
Domestic Consumption						
Argentina	12,050	13,695	14,232	14,331	15,439	15,439
Brazil	55,803	58,028	60,023	60,868	61,928	61,953
Canada	20,338	22,347	21,288	21,953	22,530	22,530
China	209,671	223,546	229,059	239,025	246,150	246,150
Egypt	12,910	14,080	14,809	15,703	16,008	16,008
European Union	153,341	164,401	162,500	157,679	160,495	161,295
India	35,075	37,600	40,400	39,520	41,200	41,150
Iran	10,520	11,320	12,020	13,520	13,520	14,220
Japan	17,830	17,570	16,933	16,796	16,631	16,631
Mexico	36,195	40,935	42,075	43,215	44,665	44,715
Nigeria	18,700	19,350	18,950	18,150	18,500	18,500
Russia	25,134	28,619	31,139	29,840	30,775	30,775
Saudi Arabia	10,925	11,550	12,025	13,150	13,625	14,125
Turkey	13,005	13,430	13,055	14,430	13,680	13,680
Ukraine	14,661	15,977	15,430	14,225	14,430	14,430
Others	219,052	227,975	240,711	239,145	243,935	243,971
Subtotal	859,141	927,539	960,387	941,698	979,092	983,143
United States	275,537	305,048	311,347	314,795	323,043	323,044
World Total	1,134,678	1,232,587	1,271,734	1,256,493	1,302,135	1,306,187
Ending Stocks						
Brazil	9,560	14,258	8,211	6,271	5,926	6,951
Canada	3,024	4,648	3,342	4,109	4,224	4,259
China	68,377	82,651	102,019	110,729	102,549	102,449
European Union	13,055	15,565	18,805	15,473	14,593	14,648
Iran	4,654	5,094	7,234	7,274	6,714	6,514
Mexico	1,542	3,487	4,860	5,509	4,494	5,894
Saudi Arabia	3,415	3,912	3,500	3,900	3,520	3,520
Others	36,884	48,190	49,702	41,745	40,193	40,517
Subtotal	140,511	177,805	197,673	195,010	182,213	184,752
United States	23,531	34,313	46,948	47,829	58,820	54,902
World Total	164,042	212,118	244,621	242,839	241,033	239,654

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	May 2016/ 17	Jun 2016/ 17
TY Imports						
North America	14,661	15,348	16,567	18,370	18,765	18,265
Central America	2,470	2,923	3,460	3,675	3,610	3,610
Caribbean	2,327	2,330	2,444	2,485	2,560	2,560
South America	11,812	13,181	13,353	13,335	13,425	13,410
European Union - 28	11,778	16,355	9,146	14,795	13,355	12,355
Former Soviet Union - 12	728	807	730	685	705	705
Middle East	25,078	26,614	27,841	27,540	28,075	29,025
North Africa	13,046	19,521	18,229	19,510	19,830	19,830
Sub-Saharan Africa	2,742	3,632	4,523	7,276	6,820	6,890
East Asia	36,176	44,865	56,676	47,175	43,590	43,590
Southeast Asia	7,961	12,814	14,736	14,970	14,175	14,175
Others	1,017	1,332	1,385	1,521	1,581	1,581
Total	129,796	159,722	169,090	171,337	166,491	165,996
Production						
North America	338,637	427,899	431,915	423,951	439,546	440,246
South America	136,025	132,425	136,767	128,828	140,040	140,099
European Union - 28	146,188	159,212	170,759	151,247	157,705	160,470
Other Europe	6,570	8,813	10,649	8,946	9,973	9,973
Former Soviet Union - 12	68,222	87,758	91,599	82,505	86,731	87,581
Middle East	18,769	21,774	17,888	23,482	20,622	20,622
North Africa	10,155	11,556	11,073	12,521	10,056	10,056
Sub-Saharan Africa	103,534	102,584	108,311	92,806	103,950	103,950
East Asia	214,616	227,798	225,528	234,420	228,359	228,359
South Asia	47,642	51,986	51,827	46,304	50,528	50,528
Southeast Asia	29,158	31,003	31,088	31,983	33,398	33,398
Oceania	12,082	12,805	12,319	13,287	13,004	13,004
Others	4,833	5,050	4,514	4,431	4,716	4,716
Total	1,136,431	1,280,663	1,304,237	1,254,711	1,298,628	1,303,002
Domestic Consumption						
North America	332,070	368,330	374,710	379,963	390,238	390,289
South America	89,796	94,515	97,134	98,132	101,008	101,024
European Union - 28	153,341	164,401	162,500	157,679	160,495	161,295
Other Europe	7,100	7,707	8,036	8,252	8,292	8,292
Former Soviet Union - 12	50,225	55,686	58,148	55,518	57,076	57,076
Middle East	43,027	45,892	45,678	49,972	49,737	50,887
North Africa	24,941	27,987	30,177	31,804	31,338	31,338
Sub-Saharan Africa	103,220	102,314	109,943	101,825	104,620	104,640
East Asia	242,831	257,690	262,977	272,687	280,107	280,107
South Asia	42,704	46,167	49,321	48,720	50,684	50,634
Southeast Asia	35,787	38,943	41,558	45,155	46,416	46,416
Oceania	6,132	5,764	5,571	6,049	5,724	5,799
Others	9,573	10,075	10,243	10,589	10,819	10,819
Total	1,140,747	1,225,471	1,255,996	1,266,345	1,296,554	1,298,616
Ending Stocks						
North America	28,097	42,448	55,150	57,447	67,538	65,055
South America	15,559	21,875	15,019	12,832	12,007	13,467
European Union - 28	13,055	15,565	18,805	15,473	14,593	14,648
Other Europe	631	751	1,064	875	1,193	1,193
Former Soviet Union - 12	4,983	7,029	7,435	4,707	5,087	4,922
Middle East	10,118	11,911	12,873	13,703	12,393	12,193
North Africa	3,553	5,666	5,514	5,601	4,339	4,339
Sub-Saharan Africa	9,049	9,559	11,195	7,770	8,657	8,775
East Asia	71,678	86,663	105,873	114,686	106,598	106,498
South Asia	2,408	4,099	5,301	2,930	2,806	2,710
Southeast Asia	3,230	4,472	4,465	4,478	3,400	3,400
Oceania	912	1,130	960	1,403	1,446	1,478
Others	769	950	967	934	976	976
Total	164,042	212,118	244,621	242,839	241,033	239,654

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Corn Trade
October/September Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
TY Exports						
Argentina	22,789	12,846	18,448	20,000	22,500	22,500
Brazil	26,044	22,041	21,909	34,500	25,000	23,000
Burma	550	700	850	900	950	950
Canada	1,813	1,939	395	1,000	1,200	1,200
European Union	2,194	2,404	4,026	1,600	3,000	3,000
Paraguay	2,858	2,714	3,012	2,700	2,300	2,300
Russia	1,917	4,194	3,213	4,400	4,500	4,500
Serbia	578	1,780	2,964	1,700	2,200	2,200
South Africa	2,398	2,104	746	700	1,300	1,300
Ukraine	12,726	20,004	19,661	16,000	17,000	17,000
Others	8,417	9,013	5,971	5,090	4,825	4,800
Subtotal	82,284	79,739	81,195	88,590	84,775	82,750
United States	18,262	50,684	46,773	46,000	49,000	49,500
World Total	100,546	130,423	127,968	134,590	133,775	132,250
TY Imports						
Algeria	2,918	4,156	4,116	4,100	4,100	4,100
Canada	492	678	1,533	1,000	1,000	1,000
Chile	844	1,456	1,516	1,700	1,800	1,800
China	2,702	3,277	5,516	2,000	1,000	1,000
Colombia	3,266	4,436	4,496	4,500	4,500	4,500
Dominican Republic	1,046	1,011	1,202	1,200	1,225	1,225
Egypt	5,059	8,726	7,841	8,500	8,750	8,750
European Union	11,362	16,014	8,646	14,500	13,000	12,000
Guatemala	678	767	881	1,000	1,000	1,000
Indonesia	2,719	3,513	3,381	3,100	3,000	3,000
Iran	3,700	5,500	6,200	5,500	5,500	5,500
Israel	1,224	1,652	1,296	1,400	1,500	1,500
Japan	14,411	15,121	14,657	14,700	14,500	14,500
Korea, South	8,174	10,406	10,168	10,000	10,500	10,500
Malaysia	3,048	3,485	3,238	3,500	3,600	3,600
Mexico	5,676	10,949	11,269	12,500	13,500	13,000
Morocco	1,684	2,349	1,941	2,100	2,300	2,300
Peru	2,254	2,232	2,741	2,700	2,700	2,700
Saudi Arabia	2,063	2,684	2,904	3,500	3,500	3,500
South Africa	0	79	469	2,700	2,500	2,500
Taiwan	4,241	4,179	3,821	4,200	4,100	4,100
Tunisia	846	993	1,041	1,200	1,200	1,200
Turkey	1,656	1,381	2,377	900	1,500	1,500
Venezuela	2,154	2,626	2,433	1,800	2,100	2,100
Vietnam	1,600	4,300	6,700	6,900	6,000	6,000
Others	11,048	13,989	14,287	15,146	15,300	15,250
Subtotal	94,865	125,959	124,670	130,346	129,675	128,125
Unaccounted	1,416	3,737	2,489	2,744	3,100	3,125
United States	4,265	727	809	1,500	1,000	1,000
World Total	100,546	130,423	127,968	134,590	133,775	132,250

TY= Trade Year, see Endnotes.

World Corn Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
Production						
Argentina	27,000	26,000	28,700	27,000	34,000	34,000
Brazil	81,500	80,000	85,000	77,500	82,000	82,000
Canada	13,060	14,194	11,487	13,600	13,750	13,750
China	205,614	218,490	215,646	224,580	218,000	218,000
Ethiopia	6,158	6,492	6,580	5,050	6,300	6,300
European Union	59,142	64,931	75,779	57,979	64,275	64,275
India	22,258	24,259	24,170	21,000	23,000	23,000
Indonesia	8,500	9,100	9,000	9,400	9,600	9,600
Mexico	21,591	22,880	25,480	25,000	23,500	24,200
Nigeria	7,630	7,700	7,515	7,000	7,200	7,200
Philippines	7,261	7,532	7,671	7,500	8,000	8,000
Russia	8,213	11,635	11,325	13,168	14,000	14,000
Serbia	3,750	5,900	7,700	6,000	7,000	7,000
South Africa	12,365	14,925	10,629	6,500	13,000	13,000
Ukraine	20,922	30,900	28,450	23,333	26,000	26,000
Others	91,579	95,161	97,229	96,271	94,904	94,904
Subtotal	596,543	640,099	652,361	620,881	644,529	645,229
United States	273,192	351,272	361,091	345,486	366,539	366,539
World Total	869,735	991,371	1,013,452	966,367	1,011,068	1,011,768
Total Consumption						
Argentina	7,900	8,800	9,300	9,300	10,400	10,400
Brazil	52,500	55,000	57,000	58,000	59,000	59,000
Canada	11,604	12,675	12,820	13,400	13,600	13,600
China	200,000	208,000	202,000	217,500	227,000	227,000
Egypt	12,000	13,200	13,900	14,750	15,050	15,050
European Union	69,846	76,796	77,880	74,014	75,300	74,300
India	17,500	19,600	22,300	22,200	22,800	22,800
Indonesia	10,900	11,900	12,200	12,800	13,000	13,000
Japan	14,300	15,000	14,600	14,600	14,400	14,400
Korea, South	8,481	9,891	10,250	10,100	10,550	10,550
Mexico	27,000	31,700	34,450	35,800	36,050	36,100
Philippines	7,400	8,000	8,500	8,700	8,800	8,800
Russia	6,400	7,500	8,100	8,900	9,500	9,500
South Africa	11,000	11,500	11,700	11,000	11,300	11,300
Vietnam	6,400	7,700	9,400	11,900	12,500	12,500
Others	143,094	152,632	157,787	156,772	158,058	158,408
Subtotal	601,804	655,954	678,934	667,073	701,494	702,689
United States	262,973	292,965	301,854	301,252	310,403	310,403
World Total	864,777	948,919	980,788	968,325	1,011,897	1,013,092
Ending Stocks						
Argentina	1,308	1,408	1,909	1,614	2,219	2,219
Brazil	9,150	13,972	7,842	5,942	5,542	6,542
China	67,570	81,315	100,464	109,524	101,504	101,504
European Union	5,146	6,891	9,410	6,275	5,950	5,250
Iran	3,236	4,476	5,816	5,656	5,296	5,096
Korea, South	1,265	1,860	1,860	1,835	1,864	1,864
Mexico	975	2,603	4,118	4,818	3,768	5,118
Others	23,781	31,925	33,013	27,409	26,219	26,536
Subtotal	112,431	144,450	164,432	163,073	152,362	154,129
United States	20,859	31,292	43,974	43,375	54,678	50,995
World Total	133,290	175,742	208,406	206,448	207,040	205,124

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	May 2016/ 17	Jun 2016/ 17
TY Imports						
North America	10,433	12,354	13,611	15,000	15,500	15,000
Central America	2,470	2,922	3,460	3,675	3,610	3,610
South America	9,651	12,027	12,040	11,995	12,050	12,050
European Union - 28	11,362	16,014	8,646	14,500	13,000	12,000
Former Soviet Union - 12	322	448	498	425	420	420
Middle East	10,944	13,812	15,338	13,900	14,675	14,625
North Africa	11,154	17,036	15,623	16,600	17,050	17,050
Sub-Saharan Africa	2,092	2,939	3,772	6,231	6,235	6,235
East Asia	29,681	33,057	34,219	30,970	30,180	30,180
Southeast Asia	7,943	12,768	14,722	14,955	14,160	14,160
Caribbean	2,327	2,330	2,444	2,485	2,560	2,560
Others	751	979	1,106	1,110	1,235	1,235
Total	99,130	126,686	125,479	131,846	130,675	129,125
Production						
North America	307,843	388,346	398,058	384,086	403,789	404,489
South America	120,997	118,037	125,140	116,025	127,395	127,395
European Union - 28	59,142	64,931	75,779	57,979	64,275	64,275
Other Europe	4,915	7,210	8,945	7,176	8,179	8,179
Former Soviet Union - 12	32,310	46,916	43,801	40,145	44,160	44,160
Middle East	7,480	8,158	7,838	9,228	8,508	8,508
North Africa	5,919	5,898	6,161	6,201	6,201	6,201
Sub-Saharan Africa	60,522	63,493	62,400	53,883	59,628	59,628
East Asia	207,737	220,583	218,095	226,928	220,358	220,358
South Asia	28,857	31,865	31,740	28,370	30,570	30,570
Central America	3,743	3,893	3,366	3,300	3,560	3,560
Southeast Asia	28,893	30,721	30,794	31,688	33,108	33,108
Others	1,377	1,320	1,335	1,358	1,337	1,337
Total	869,735	991,371	1,013,452	966,367	1,011,068	1,011,768
Domestic Consumption						
North America	301,577	337,340	349,124	350,452	360,053	360,103
South America	78,981	83,691	86,531	87,395	90,105	90,105
European Union - 28	69,846	76,796	77,880	74,014	75,300	74,300
Other Europe	5,194	5,847	6,122	6,285	6,290	6,290
Former Soviet Union - 12	18,080	21,130	21,482	21,175	22,265	22,265
Middle East	18,710	19,785	21,810	22,935	23,485	23,835
North Africa	18,450	20,800	22,100	23,150	23,675	23,675
Sub-Saharan Africa	60,006	62,418	63,955	61,212	60,088	60,088
East Asia	229,234	239,185	233,237	248,645	258,405	258,405
South Asia	23,980	26,982	30,007	30,070	30,970	30,970
Southeast Asia	35,509	38,654	41,224	44,850	46,110	46,110
Central America	6,175	6,650	6,690	6,920	7,100	7,100
Others	3,556	3,581	3,879	3,885	3,865	3,865
Total	869,298	942,859	964,041	980,988	1,007,711	1,007,111
Ending Stocks						
North America	23,383	35,495	49,494	49,795	59,998	57,665
South America	13,628	19,463	12,966	10,821	10,289	11,716
European Union - 28	5,146	6,891	9,410	6,275	5,950	5,250
Other Europe	384	505	860	661	990	990
Former Soviet Union - 12	1,948	3,368	3,023	1,808	2,358	2,158
Middle East	4,286	6,035	7,300	7,248	6,601	6,401
North Africa	1,771	3,117	3,306	2,897	2,463	2,463
Sub-Saharan Africa	6,589	7,534	8,694	6,041	6,748	6,841
East Asia	70,378	84,856	103,925	113,158	105,271	105,271
South Asia	1,744	3,005	3,935	2,260	1,935	1,930
Southeast Asia	3,225	4,466	4,459	4,472	3,400	3,400
Central America	474	610	587	617	667	667
Others	334	397	447	395	370	372
Total	133,290	175,742	208,406	206,448	207,040	205,124

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Barley Trade
October/ September Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
TY Exports						
Argentina	3,647	2,829	1,599	2,500	1,900	1,900
Australia	4,622	6,261	5,266	5,200	5,800	5,800
Canada	1,316	1,714	1,384	1,450	1,400	1,400
European Union	6,501	4,926	10,642	9,700	8,700	9,000
India	546	546	97	100	200	200
Kazakhstan	151	501	476	800	700	700
Russia	2,366	2,791	5,807	3,800	4,000	4,000
Serbia	26	18	37	40	60	60
Ukraine	2,659	3,827	4,332	3,800	3,200	4,000
Uruguay	107	36	43	25	50	50
Others	58	42	129	65	75	75
Subtotal	21,999	23,491	29,812	27,480	26,085	27,185
United States	163	336	292	275	300	300
World Total	22,162	23,827	30,104	27,755	26,385	27,485
TY Imports						
Algeria	364	778	723	600	650	650
Azerbaijan	14	78	103	100	100	100
Brazil	369	337	489	400	400	400
China	2,183	4,891	9,859	7,000	6,000	6,000
Colombia	232	253	249	275	285	285
Iran	1,100	1,100	1,900	1,900	1,100	1,600
Israel	244	304	278	250	275	275
Japan	1,356	1,294	1,097	1,100	1,100	1,100
Jordan	831	997	759	800	1,000	1,000
Kuwait	388	436	412	400	400	400
Libya	573	681	1,001	900	800	800
Mexico	47	108	186	175	175	175
Morocco	148	471	276	700	500	500
Peru	103	87	122	100	110	110
Saudi Arabia	10,200	8,500	8,200	9,500	9,500	10,000
Syria	300	100	100	100	200	200
Tunisia	762	456	483	600	700	700
Turkey	266	596	332	50	400	400
United Arab Emirates	541	468	367	500	400	400
Uruguay	252	126	189	160	175	160
Others	940	979	1,318	1,076	1,056	1,056
Subtotal	21,213	23,040	28,443	26,686	25,326	26,311
Unaccounted	518	265	1,231	619	659	774
United States	431	522	430	450	400	400
World Total	22,162	23,827	30,104	27,755	26,385	27,485

TY= Trade Year, see Endnotes.

World Barley Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
Production						
Algeria	1,500	1,500	1,300	1,300	1,300	1,300
Argentina	5,000	4,750	2,900	4,200	3,400	3,400
Australia	7,472	9,174	8,014	8,700	8,500	8,500
Belarus	1,917	1,674	1,988	2,000	2,100	2,100
Canada	8,012	10,237	7,119	8,225	8,500	8,500
China	1,626	1,700	1,810	1,800	2,000	2,000
Ethiopia	1,782	1,908	2,030	1,950	2,050	2,050
European Union	54,875	59,674	60,615	61,349	60,677	62,927
India	1,619	1,752	1,831	1,610	1,700	1,700
Iran	2,770	2,800	3,200	3,800	3,800	3,800
Iraq	500	944	1,000	1,050	1,100	1,100
Kazakhstan	1,500	2,539	2,412	2,675	2,700	2,700
Russia	13,952	15,389	20,026	17,083	17,750	17,750
Turkey	5,500	7,300	4,000	7,400	5,400	5,400
Ukraine	6,935	7,561	9,450	8,751	7,800	8,650
Others	9,055	10,667	9,522	11,364	8,744	8,812
Subtotal	124,015	139,569	137,217	143,257	137,521	140,689
United States	4,768	4,719	3,953	4,666	4,202	4,202
World Total	128,783	144,288	141,170	147,923	141,723	144,891
Total Consumption						
Algeria	2,000	2,050	2,050	2,050	2,050	2,050
Australia	3,000	2,800	2,900	2,800	2,600	2,700
Belarus	2,000	1,800	2,000	2,000	2,100	2,100
Canada	6,809	7,720	6,472	6,600	6,950	6,950
China	4,000	6,300	11,600	9,000	8,100	8,100
Ethiopia	1,725	1,925	2,025	2,025	2,025	2,025
European Union	51,000	53,400	50,900	50,900	52,400	53,900
India	1,525	1,200	1,400	1,520	1,550	1,550
Iran	4,300	4,500	4,600	5,300	5,300	5,600
Kazakhstan	1,375	2,000	2,000	2,000	2,050	2,050
Morocco	1,900	2,300	2,700	3,400	2,450	2,450
Russia	12,100	12,700	14,100	13,600	13,800	13,800
Saudi Arabia	8,325	8,625	8,525	9,525	9,825	10,325
Turkey	6,200	6,950	5,350	6,900	5,900	5,900
Ukraine	5,100	5,000	4,700	4,700	4,700	4,700
Others	15,524	16,980	16,802	17,290	17,089	17,089
Subtotal	126,429	136,022	137,254	141,517	139,268	141,983
United States	4,638	4,775	4,234	4,413	4,419	4,419
World Total	131,067	140,797	141,488	145,930	143,687	146,402
Ending Stocks						
Algeria	1,217	1,178	1,304	1,204	1,104	1,104
Australia	536	693	588	988	988	988
Canada	983	1,950	1,217	1,592	1,757	1,792
European Union	5,044	5,621	5,877	6,726	6,303	6,853
Iran	1,418	618	1,418	1,618	1,418	1,418
Saudi Arabia	3,006	3,396	3,081	3,366	3,051	3,051
Ukraine	872	971	1,265	1,021	926	976
Others	5,549	7,648	7,087	6,866	5,870	5,797
Subtotal	18,625	22,075	21,837	23,381	21,417	21,979
United States	1,750	1,791	1,711	2,160	2,007	2,051
World Total	20,375	23,866	23,548	25,541	23,424	24,030

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	May 2016/ 17	Jun 2016/ 17
TY Imports						
North America	499	639	781	750	625	625
South America	1,064	886	1,169	1,070	1,105	1,090
European Union - 28	53	58	269	100	100	100
Other Europe	126	163	120	160	155	155
Former Soviet Union - 12	378	352	226	255	280	280
Middle East	13,906	12,537	12,453	13,585	13,355	14,355
North Africa	1,884	2,432	2,581	2,875	2,750	2,750
Sub-Saharan Africa	52	116	138	90	90	90
East Asia	3,668	6,320	11,080	8,225	7,225	7,225
South Asia	6	13	24	16	16	16
Oceania	8	46	32	10	25	25
Total	21,644	23,562	28,873	27,136	25,726	26,711
Production						
North America	13,812	15,550	11,918	13,643	13,437	13,437
South America	5,884	5,737	3,769	5,193	4,380	4,448
European Union - 28	54,875	59,674	60,615	61,349	60,677	62,927
Other Europe	1,188	1,151	1,223	1,287	1,307	1,307
Former Soviet Union - 12	25,958	29,162	35,565	32,359	32,250	33,100
Middle East	9,689	12,047	8,653	12,858	10,718	10,718
North Africa	3,307	4,748	4,010	5,399	2,925	2,925
Sub-Saharan Africa	2,283	2,376	2,523	2,497	2,600	2,600
East Asia	1,920	1,991	2,134	2,088	2,297	2,297
South Asia	1,956	2,261	2,340	2,113	2,232	2,232
Oceania	7,911	9,591	8,420	9,137	8,900	8,900
Total	128,783	144,288	141,170	147,923	141,723	144,891
Domestic Consumption						
North America	12,347	13,245	11,556	11,938	12,294	12,294
South America	3,152	3,528	3,403	3,660	3,553	3,578
European Union - 28	51,000	53,400	50,900	50,900	52,400	53,900
Other Europe	1,298	1,298	1,354	1,389	1,409	1,409
Former Soviet Union - 12	22,339	23,460	24,724	24,355	24,690	24,690
Middle East	22,435	24,410	22,250	25,571	24,816	25,616
North Africa	5,560	6,230	7,159	7,703	6,708	6,708
Sub-Saharan Africa	2,285	2,480	2,555	2,638	2,640	2,640
East Asia	5,812	8,009	13,192	10,580	9,660	9,660
South Asia	1,868	1,715	1,915	2,039	2,088	2,088
Oceania	3,425	3,250	3,350	3,250	3,050	3,125
Total	131,521	141,025	142,358	144,023	143,308	145,708
Ending Stocks						
North America	3,014	3,974	3,326	4,152	4,149	4,228
South America	657	816	711	771	748	781
European Union - 28	5,044	5,621	5,877	6,726	6,303	6,853
Other Europe	220	205	166	176	171	171
Former Soviet Union - 12	2,194	2,605	3,406	2,175	2,050	2,085
Middle East	5,736	5,788	5,514	6,411	5,743	5,743
North Africa	1,715	2,480	2,138	2,629	1,796	1,796
Sub-Saharan Africa	330	338	442	389	439	439
East Asia	736	1,038	1,060	793	755	655
South Asia	141	253	266	280	241	240
Oceania	588	748	642	1,039	1,029	1,039
Total	20,375	23,866	23,548	25,541	23,424	24,030

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Sorghum Trade
October/ September Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
TY Exports						
Argentina	3,059	953	954	900	1,200	1,100
Australia	1,425	405	1,699	1,000	1,000	1,000
Brazil	2	11	13	30	25	25
Ethiopia	75	75	75	25	25	25
India	231	88	121	50	100	50
Nigeria	50	50	100	50	100	100
Ukraine	124	229	156	130	50	50
Others	191	217	170	152	140	140
Subtotal	5,157	2,028	3,288	2,337	2,640	2,490
United States	2,136	5,717	9,249	7,800	5,500	5,500
World Total	7,293	7,745	12,537	10,137	8,140	7,990
TY Imports						
Chile	404	109	98	150	150	150
China	631	4,161	10,162	6,800	5,000	5,000
Colombia	591	104	0	50	50	50
Ethiopia	50	50	75	150	50	50
European Union	291	184	131	120	150	150
Japan	1,897	1,003	903	850	850	850
Kenya	102	94	119	75	100	100
Mexico	1,793	162	29	700	700	700
South Sudan	6	125	100	100	50	50
Sudan	175	75	100	300	50	100
Others	676	691	335	560	375	395
Subtotal	6,616	6,758	12,052	9,855	7,525	7,595
Unaccounted	434	984	458	172	590	370
United States	243	3	27	110	25	25
World Total	7,293	7,745	12,537	10,137	8,140	7,990

TY= Trade Year, see Endnotes.

World Sorghum Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
Production						
Argentina	4,700	4,400	3,500	3,400	3,900	3,900
Australia	2,230	1,282	2,104	2,100	2,200	2,200
Brazil	2,102	1,890	2,055	1,850	2,000	2,000
Burkina	1,924	1,880	1,708	1,671	1,800	1,800
Cameroon	1,100	1,150	1,150	1,150	1,150	1,150
Chad	1,172	745	900	817	900	900
China	2,556	2,892	2,885	3,000	3,200	3,200
Ethiopia	3,604	3,829	4,000	2,600	3,700	3,700
India	5,281	5,542	5,450	4,600	5,500	5,500
Mali	1,212	820	1,272	1,300	1,300	1,300
Mexico	6,174	8,500	6,270	5,550	6,900	6,900
Niger	1,376	1,320	1,426	1,300	1,300	1,300
Nigeria	5,943	6,592	6,700	6,150	6,500	6,500
South Sudan	650	680	990	900	900	900
Sudan	4,524	2,249	6,281	2,388	5,500	5,500
Others	6,768	7,206	7,242	6,924	6,902	6,902
Subtotal	51,316	50,977	53,933	45,700	53,652	53,652
United States	6,293	9,966	10,988	15,158	10,338	10,338
World Total	57,609	60,943	64,921	60,858	63,990	63,990
Total Consumption						
Argentina	2,300	2,700	2,800	2,800	2,950	2,950
Australia	1,105	905	505	1,105	1,105	1,105
Brazil	2,300	2,000	2,000	1,850	1,900	1,900
Burkina	1,850	1,900	1,700	1,700	1,800	1,800
Cameroon	1,110	1,165	1,175	1,175	1,175	1,175
China	3,200	6,800	12,900	9,900	8,300	8,300
Ethiopia	3,700	3,900	4,100	2,900	3,650	3,650
European Union	795	880	995	890	920	920
India	5,150	5,200	5,100	5,000	5,450	5,400
Mali	1,200	950	1,200	1,300	1,300	1,300
Mexico	8,100	8,300	6,600	6,300	7,500	7,500
Niger	1,200	1,300	1,450	1,400	1,300	1,300
Nigeria	5,900	6,550	6,650	6,050	6,400	6,400
South Sudan	650	750	1,050	1,000	1,000	1,000
Sudan	4,700	2,550	6,000	3,100	5,500	5,500
Others	10,607	8,659	8,689	8,382	8,311	8,331
Subtotal	52,667	55,568	62,745	55,467	59,364	59,214
United States	4,796	4,127	2,429	5,970	5,080	5,080
World Total	57,463	59,695	65,174	61,437	64,444	64,294
Ending Stocks						
Argentina	781	1,202	971	871	521	521
Australia	195	187	156	151	226	246
Brazil	272	151	193	163	238	238
China	326	568	706	581	471	471
Mexico	285	647	338	288	338	388
Niger	225	270	271	196	221	221
Sudan	588	357	723	306	376	401
Others	1,740	1,799	1,966	1,256	1,377	1,327
Subtotal	4,412	5,181	5,324	3,812	3,768	3,813
United States	385	864	468	1,401	1,350	1,096
World Total	4,797	6,045	5,792	5,213	5,118	4,909

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	May 2016/ 17	Jun 2016/ 17
TY Imports						
North America	2,036	165	56	810	725	725
South America	1,071	239	114	240	240	240
European Union - 28	291	184	131	120	150	150
Other Europe	0	0	0	0	0	0
Middle East	194	232	22	35	15	15
North Africa	1	41	1	5	5	5
Sub-Saharan Africa	587	558	567	905	445	515
East Asia	2,650	5,281	11,142	7,705	5,905	5,905
Southeast Asia	18	46	14	15	15	15
Others	11	15	32	130	50	50
Total	6,859	6,761	12,079	9,965	7,550	7,620
Production						
North America	12,467	18,466	17,258	20,708	17,238	17,238
Central America	339	335	335	335	335	335
Caribbean	92	94	94	94	94	94
South America	7,495	7,081	6,404	6,092	6,777	6,777
European Union - 28	473	703	883	769	775	775
Middle East	814	789	691	635	635	635
North Africa	763	754	755	755	755	755
Sub-Saharan Africa	24,708	22,472	27,678	21,377	26,199	26,199
East Asia	2,560	2,895	2,887	3,002	3,202	3,202
South Asia	5,404	5,661	5,553	4,745	5,630	5,630
Southeast Asia	55	57	55	55	50	50
Oceania	2,230	1,282	2,104	2,100	2,200	2,200
Others	209	354	224	191	100	100
Total	57,609	60,943	64,921	60,858	63,990	63,990
Domestic Consumption						
North America	12,896	12,427	9,029	12,270	12,580	12,580
Central America	325	325	330	340	335	335
Caribbean	92	94	94	94	94	94
South America	6,076	5,757	5,785	5,637	5,907	5,907
European Union - 28	795	880	995	890	920	920
Middle East	1,052	894	864	685	645	645
North Africa	756	793	755	755	755	755
Sub-Saharan Africa	24,914	23,137	27,670	22,871	26,319	26,339
East Asia	5,221	7,951	13,911	10,760	9,210	9,210
South Asia	5,283	5,334	5,235	5,275	5,630	5,580
Southeast Asia	68	64	95	65	66	66
Oceania	1,105	905	505	1,105	1,105	1,105
Others	80	75	75	75	75	75
Total	58,663	58,636	65,343	60,822	63,641	63,611
Ending Stocks						
North America	670	1,511	806	1,689	1,688	1,484
Central America	30	33	38	28	23	23
South America	1,146	1,467	1,237	1,112	852	852
European Union - 28	5	18	23	17	17	17
Middle East	65	47	39	24	29	29
North Africa	66	68	69	74	79	79
Sub-Saharan Africa	2,073	1,647	2,026	1,312	1,442	1,467
East Asia	413	627	736	608	495	495
South Asia	109	364	593	143	243	193
Oceania	195	187	156	151	226	246
Others	25	76	69	55	24	24
Total	4,797	6,045	5,792	5,213	5,118	4,909

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Oats Trade
October/ September Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
TY Exports						
Argentina	2	2	2	5	5	5
Australia	240	270	270	300	300	300
Canada	1,351	1,732	1,729	1,600	1,700	1,700
Chile	41	49	84	75	75	75
European Union	126	291	231	230	200	200
Russia	4	6	14	20	10	10
Ukraine	2	6	46	70	70	70
Others	10	14	8	10	10	10
Subtotal	1,776	2,370	2,384	2,310	2,370	2,370
United States	18	29	23	25	30	30
World Total	1,794	2,399	2,407	2,335	2,400	2,400
TY Imports						
Albania	0	0	3	5	5	5
Algeria	7	12	24	30	25	25
Bosnia and Herzegovina	2	3	4	5	5	5
Canada	9	27	12	10	15	15
China	87	116	162	200	200	200
Colombia	1	2	2	5	5	5
Ecuador	19	21	21	20	20	20
European Union	4	3	4	5	5	5
Japan	51	46	47	50	50	50
Mexico	108	93	86	100	100	100
Norway	36	38	2	10	10	10
Serbia	2	2	2	5	5	5
South Africa	11	19	46	50	50	50
Switzerland	44	51	49	50	50	50
Turkey	0	0	4	5	5	5
Others	6	8	8	5	5	5
Subtotal	387	441	476	555	555	555
Unaccounted	52	92	172	280	245	245
United States	1,355	1,866	1,759	1,500	1,600	1,600
World Total	1,794	2,399	2,407	2,335	2,400	2,400

TY= Trade Year, see Endnotes.

World Oats Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
Production						
Algeria	110	110	110	110	110	110
Argentina	496	445	525	553	500	500
Australia	1,121	1,255	1,087	1,300	1,200	1,200
Belarus	422	352	522	400	400	400
Brazil	361	380	350	350	350	350
Canada	2,830	3,906	2,979	3,430	3,300	3,300
Chile	680	610	421	470	475	475
China	600	580	600	600	600	600
European Union	7,909	8,380	7,854	7,524	7,910	8,175
Kazakhstan	200	305	226	244	275	275
Mexico	84	91	93	87	90	90
Norway	232	214	236	236	240	240
Russia	4,027	4,932	5,267	4,527	4,500	4,500
Turkey	210	210	210	210	210	210
Ukraine	630	467	610	498	500	500
Others	315	318	296	329	343	334
Subtotal	20,227	22,555	21,386	20,868	21,003	21,259
United States	892	938	1,019	1,300	987	987
World Total	21,119	23,493	22,405	22,168	21,990	22,246
Total Consumption						
Algeria	119	118	126	140	135	135
Argentina	500	425	525	550	500	500
Australia	925	950	875	950	900	900
Belarus	400	375	500	400	400	400
Brazil	350	375	345	340	350	350
Canada	1,592	1,660	1,673	1,650	1,650	1,650
Chile	600	570	355	375	400	400
China	675	700	750	825	850	850
European Union	7,700	8,075	7,675	7,575	7,650	7,800
Kazakhstan	225	275	225	245	270	270
Mexico	195	185	175	190	190	190
Norway	295	245	245	245	255	255
Russia	4,300	4,900	5,200	4,600	4,500	4,500
Turkey	215	215	215	215	215	215
Ukraine	600	475	600	430	430	430
Others	451	491	471	524	538	529
Subtotal	19,217	20,254	19,975	19,517	19,440	19,581
United States	2,743	2,757	2,424	2,729	2,696	2,697
World Total	21,960	23,011	22,399	22,246	22,136	22,278
Ending Stocks						
Argentina	49	67	65	63	58	58
Australia	60	105	57	107	107	107
Canada	446	1,054	681	871	836	836
Chile	61	45	27	47	47	47
China	139	135	147	122	72	72
European Union	901	894	858	582	647	762
Russia	203	230	289	196	186	186
Others	222	201	192	187	177	177
Subtotal	2,081	2,731	2,316	2,175	2,130	2,245
United States	527	359	780	843	766	741
World Total	2,608	3,090	3,096	3,018	2,896	2,986

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	May 2016/ 17	Jun 2016/ 17
TY Imports						
North America	1,472	1,986	1,857	1,610	1,715	1,715
South America	26	29	30	30	30	30
European Union - 28	4	3	4	5	5	5
Other Europe	84	94	60	75	75	75
Former Soviet Union - 12	0	2	1	0	0	0
Middle East	0	0	4	5	5	5
North Africa	7	12	24	30	25	25
Sub-Saharan Africa	11	19	46	50	50	50
East Asia	138	162	209	250	250	250
Oceania	0	0	0	0	0	0
Total	1,742	2,307	2,235	2,055	2,155	2,155
Production						
North America	3,806	4,935	4,091	4,817	4,377	4,377
South America	1,577	1,478	1,324	1,414	1,376	1,367
European Union - 28	7,909	8,380	7,854	7,524	7,910	8,175
Other Europe	365	348	369	372	375	375
Former Soviet Union - 12	5,285	6,062	6,631	5,675	5,681	5,681
Middle East	210	210	210	210	210	210
North Africa	166	156	147	166	175	175
Sub-Saharan Africa	60	59	55	55	55	55
East Asia	602	582	602	601	601	601
Oceania	1,139	1,283	1,122	1,334	1,230	1,230
Total	21,119	23,493	22,405	22,168	21,990	22,246
Domestic Consumption						
North America	4,530	4,602	4,272	4,569	4,536	4,537
South America	1,515	1,447	1,285	1,336	1,331	1,322
European Union - 28	7,700	8,075	7,675	7,575	7,650	7,800
Other Europe	474	434	434	447	456	456
Former Soviet Union - 12	5,531	6,031	6,531	5,681	5,606	5,606
Middle East	215	215	215	215	215	215
North Africa	175	164	163	196	200	200
Sub-Saharan Africa	72	95	94	105	105	105
East Asia	730	750	800	875	900	900
Oceania	943	978	910	984	930	930
Total	21,885	22,791	22,379	21,983	21,929	22,071
Ending Stocks						
North America	974	1,417	1,467	1,717	1,605	1,580
South America	128	129	105	128	118	118
European Union - 28	901	894	858	582	647	762
Other Europe	27	41	38	38	32	32
Former Soviet Union - 12	332	346	397	296	286	286
Middle East	13	8	6	6	6	6
North Africa	1	1	1	1	1	1
Sub-Saharan Africa	28	11	18	18	18	18
East Asia	144	138	149	125	76	76
Oceania	60	105	57	107	107	107
Total	2,608	3,090	3,096	3,018	2,896	2,986

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Rye Trade
October/ September Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
TY Exports						
Belarus	25	5	5	5	5	5
Canada	178	97	89	100	150	150
European Union	122	201	167	160	150	150
Russia	79	83	121	50	100	100
Ukraine	16	59	13	20	10	10
Others	1	1	1	0	0	0
Subtotal	421	446	396	335	415	415
United States	7	6	3	5	5	5
World Total	428	452	399	340	420	420
TY Imports						
European Union	68	96	96	70	100	100
Israel	34	33	18	15	25	25
Japan	27	37	22	15	20	20
Korea, South	12	8	4	10	10	10
Norway	21	16	5	15	20	20
Russia	25	5	5	5	5	5
Switzerland	9	6	6	5	5	5
Others	4	1	6	0	0	0
Subtotal	200	202	162	135	185	185
Unaccounted	7	46	-25	5	35	35
United States	221	204	262	200	200	200
World Total	428	452	399	340	420	420

TY= Trade Year, see Endnotes.

World Rye Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 May	2016/ 17 Jun
Production						
Argentina	40	52	97	61	75	75
Belarus	1,082	648	867	800	800	800
Canada	337	223	218	225	325	325
European Union	8,763	10,151	8,868	7,816	8,060	8,160
Russia	2,132	3,360	3,279	2,084	2,500	2,500
Turkey	370	365	300	350	350	350
Ukraine	676	638	475	394	350	350
Others	146	126	144	121	138	138
Subtotal	13,546	15,563	14,248	11,851	12,598	12,698
United States	166	194	183	292	190	190
World Total	13,712	15,757	14,431	12,143	12,788	12,888
Total Consumption						
Argentina	40	52	97	61	75	75
Australia	40	19	19	22	25	25
Belarus	1,000	650	850	800	850	850
Canada	127	107	134	123	140	140
European Union	8,700	9,650	8,600	8,100	8,200	8,200
Kazakhstan	50	40	65	37	50	50
Norway	26	28	20	27	32	32
Russia	2,000	3,100	3,250	2,175	2,350	2,350
Turkey	375	350	325	350	350	350
Ukraine	625	625	475	400	350	350
Others	132	140	102	96	112	112
Subtotal	13,146	14,766	13,947	12,217	12,540	12,540
United States	387	424	406	431	445	445
World Total	13,533	15,190	14,353	12,648	12,985	12,985
Ending Stocks						
Belarus	167	160	172	167	112	112
Canada	46	44	42	44	79	79
European Union	795	1,204	1,390	1,016	836	926
Kazakhstan	3	8	4	4	4	4
Russia	153	344	264	128	183	183
Turkey	18	33	14	14	14	14
Ukraine	166	128	106	80	70	70
Others	7	4	3	2	1	1
Subtotal	1,355	1,925	1,995	1,455	1,299	1,389
United States	10	7	15	50	19	19
World Total	1,365	1,932	2,010	1,505	1,318	1,408

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	May 2016/ 17	Jun 2016/ 17
TY Imports						
North America	221	204	262	200	200	200
South America	0	0	0	0	0	0
European Union - 28	68	96	96	70	100	100
Other Europe	32	23	11	20	25	25
Former Soviet Union - 12	27	5	5	5	5	5
Middle East	34	33	24	15	25	25
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	39	45	26	25	30	30
Oceania	0	0	0	0	0	0
Total	421	406	424	335	385	385
Production						
North America	503	417	401	517	515	515
South America	47	59	105	69	83	83
European Union - 28	8,763	10,151	8,868	7,816	8,060	8,160
Other Europe	46	53	52	51	52	52
Former Soviet Union - 12	3,940	4,689	4,682	3,315	3,700	3,700
Middle East	370	365	300	350	350	350
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	40	20	20	22	25	25
Total	13,712	15,757	14,431	12,143	12,788	12,888
Domestic Consumption						
North America	514	531	540	554	585	585
South America	47	59	105	69	83	83
European Union - 28	8,700	9,650	8,600	8,100	8,200	8,200
Other Europe	78	77	66	71	77	77
Former Soviet Union - 12	3,675	4,415	4,640	3,412	3,600	3,600
Middle East	409	383	343	365	375	375
Sub-Saharan Africa	2	3	3	3	3	3
East Asia	37	48	27	26	31	31
Oceania	40	19	19	22	25	25
Total	13,502	15,185	14,343	12,622	12,979	12,979
Ending Stocks						
North America	56	51	57	94	98	98
South America	0	0	0	0	0	0
European Union - 28	795	1,204	1,390	1,016	836	926
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	489	640	546	379	369	369
Middle East	18	33	14	14	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	7	4	3	2	1	1
Oceania	0	0	0	0	0	0
Total	1,365	1,932	2,010	1,505	1,318	1,408

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.



HISTORICAL DATA SERIES FOR SELECTED REGIONS AND COUNTRIES

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European Union: Grain Supply and Demand
Wheat and Coarse Grains Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat								
2005/06	26.0	5.1	132.9	6.8	15.7	63.0	128.2	24.1
2006/07	24.7	5.1	125.7	5.2	13.9	60.2	126.2	14.8
2007/08	24.9	4.9	120.8	6.8	12.4	52.4	117.2	12.8
2008/09	26.8	5.7	151.9	7.7	25.4	60.5	127.6	19.4
2009/10	26.0	5.4	139.7	5.4	22.3	57.5	125.6	16.6
2010/11	26.0	5.3	136.7	4.6	23.1	52.5	122.8	11.9
2011/12	25.8	5.3	138.2	7.4	16.7	57.5	127.2	13.5
2012/13	26.0	5.2	133.9	5.3	22.8	51.0	119.3	10.7
2013/14	25.9	5.6	144.6	4.0	32.0	49.0	117.3	9.9
2014/15	26.7	5.9	156.8	6.0	35.4	54.0	123.5	13.8
2015/16	26.8	6.0	160.0	6.7	33.0	59.0	128.8	18.7
2016/17	26.8	5.9	157.5	5.5	35.5	57.5	127.8	18.4
Coarse Grains								
2005/06	33.2	4.5	149.7	2.7	4.3	112.4	150.9	22.8
2006/07	32.4	4.3	140.3	8.1	4.5	112.9	150.9	15.7
2007/08	32.7	4.2	138.8	20.3	4.5	121.6	157.2	13.1
2008/09	34.1	4.8	165.2	3.1	5.7	116.1	154.5	21.3
2009/10	33.0	4.8	158.0	2.9	3.0	114.8	152.8	26.3
2010/11	30.2	4.7	143.2	8.5	6.2	116.9	155.0	16.9
2011/12	30.2	5.0	150.1	7.0	6.5	113.2	151.7	15.7
2012/13	31.4	4.6	146.2	11.8	7.4	113.7	153.3	13.1
2013/14	31.5	5.1	159.2	16.3	8.6	122.4	164.4	15.6
2014/15	30.8	5.5	170.8	9.0	14.0	121.3	162.5	18.8
2015/16	30.1	5.0	151.2	15.0	11.9	116.9	157.7	15.5
2016/17	30.3	5.3	160.5	12.4	12.4	120.6	161.3	14.6
Wheat and Coarse Grains								
2005/06	59.2	4.8	282.5	9.4	20.0	175.4	279.1	46.9
2006/07	57.1	4.7	265.9	13.2	18.5	173.1	277.1	30.5
2007/08	57.5	4.5	259.6	27.1	16.9	174.1	274.3	25.9
2008/09	60.9	5.2	317.2	10.8	31.1	176.6	282.1	40.7
2009/10	59.0	5.0	297.7	8.2	25.3	172.3	278.4	42.9
2010/11	56.3	5.0	279.9	13.1	29.3	169.4	277.8	28.8
2011/12	56.1	5.1	288.3	14.3	23.3	170.7	278.9	29.3
2012/13	57.4	4.9	280.1	17.1	30.2	164.7	272.6	23.8
2013/14	57.4	5.3	303.8	20.3	40.7	171.4	281.7	25.5
2014/15	57.5	5.7	327.6	14.9	49.4	175.3	286.0	32.6
2015/16	56.9	5.5	311.3	21.7	44.9	175.9	286.5	34.2
2016/17	57.1	5.6	318.0	17.9	47.9	178.1	289.1	33.1

China: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat								
2005/06	22.8	4.3	97.4	1.1	1.4	3.5	101.5	34.5
2006/07	23.6	4.6	108.5	0.4	2.8	4.0	102.0	38.6
2007/08	23.7	4.6	109.3	0.0	2.8	8.0	106.0	39.1
2008/09	23.6	4.8	112.5	0.5	0.7	8.0	105.5	45.8
2009/10	24.3	4.7	115.1	1.4	0.9	10.0	107.0	54.4
2010/11	24.3	4.7	115.2	0.9	0.9	13.0	110.5	59.1
2011/12	24.3	4.8	117.4	2.9	1.0	24.0	122.5	55.9
2012/13	24.3	5.0	121.0	3.0	1.0	25.0	125.0	54.0
2013/14	24.1	5.1	121.9	6.8	0.9	16.0	116.5	65.3
2014/15	24.1	5.2	126.2	1.9	0.8	16.0	116.5	76.1
2015/16	24.1	5.4	130.2	3.0	1.0	10.5	112.0	96.3
2016/17	24.3	5.3	130.0	3.2	1.0	9.5	110.5	118.0
Coarse Grains								
2005/06	28.8	5.1	147.8	2.3	3.8	103.5	147.1	36.9
2006/07	31.1	5.1	159.0	1.2	5.5	105.0	153.5	38.0
2007/08	31.9	5.0	159.2	1.2	0.9	106.7	157.9	39.5
2008/09	32.2	5.4	172.4	1.7	0.2	109.1	161.2	52.2
2009/10	33.4	5.1	169.8	3.8	0.2	119.1	173.3	52.3
2010/11	34.6	5.3	183.8	2.7	0.2	128.8	188.4	50.1
2011/12	35.5	5.6	198.6	7.9	0.1	132.0	196.2	60.4
2012/13	37.1	5.7	212.2	5.6	0.1	146.1	209.7	68.4
2013/14	38.3	5.9	225.4	12.4	0.0	157.8	223.5	82.7
2014/15	39.2	5.7	222.8	25.7	0.0	158.8	229.1	102.0
2015/16	40.2	5.8	231.8	16.0	0.0	167.0	239.0	110.7
2016/17	38.1	5.9	225.7	12.2	0.0	170.9	246.2	102.4
Wheat and Coarse Grains								
2005/06	51.6	4.8	245.3	3.4	5.2	107.0	248.6	71.4
2006/07	54.7	4.9	267.4	1.5	8.2	109.0	255.5	76.6
2007/08	55.6	4.8	268.5	1.2	3.7	114.7	263.9	78.6
2008/09	55.8	5.1	284.9	2.1	0.9	117.1	266.7	98.0
2009/10	57.6	4.9	284.9	5.2	1.1	129.1	280.3	106.7
2010/11	58.9	5.1	299.0	3.6	1.1	141.8	298.9	109.2
2011/12	59.8	5.3	316.0	10.9	1.1	156.0	318.7	116.3
2012/13	61.3	5.4	333.2	8.6	1.1	171.1	334.7	122.3
2013/14	62.4	5.6	347.3	19.2	0.9	173.8	340.0	147.9
2014/15	63.3	5.5	349.0	27.6	0.8	174.8	345.6	178.1
2015/16	64.3	5.6	362.0	19.0	1.0	177.5	351.0	207.0
2016/17	62.4	5.7	355.7	15.4	1.0	180.4	356.7	220.4

Other Europe: Grain Supply and Demand
Wheat and Coarse Grains Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat								
2005/06	1.0	3.8	3.8	1.4	0.2	0.9	5.1	1.1
2006/07	1.0	3.6	3.5	1.5	0.3	0.7	4.6	1.2
2007/08	1.0	3.8	3.7	1.9	0.5	1.0	4.8	1.5
2008/09	0.9	4.4	4.0	1.7	0.4	1.2	5.1	1.7
2009/10	1.0	3.9	3.8	1.7	0.5	1.0	4.9	1.7
2010/11	0.9	3.7	3.2	1.7	0.6	0.8	4.7	1.3
2011/12	0.9	4.2	3.6	1.9	0.5	1.0	4.9	1.4
2012/13	0.9	4.0	3.4	1.6	0.7	1.0	4.7	1.1
2013/14	0.9	4.4	4.1	1.9	1.3	1.1	4.8	0.9
2014/15	1.0	3.9	3.9	1.8	0.7	1.1	4.8	1.1
2015/16	0.9	4.5	4.0	1.9	0.9	1.1	4.9	1.3
2016/17	1.0	4.1	4.0	1.8	0.9	1.2	5.0	1.2
Coarse Grains								
2005/06	2.1	4.8	10.1	0.6	1.3	8.5	9.7	1.3
2006/07	2.0	4.9	9.8	0.8	0.9	8.5	9.6	1.3
2007/08	2.0	3.4	6.9	0.9	0.1	6.8	7.9	1.1
2008/09	2.1	4.6	9.7	0.6	1.5	7.6	8.7	1.1
2009/10	2.0	4.9	9.7	0.7	1.4	7.5	8.7	1.4
2010/11	2.0	5.0	10.0	0.7	2.0	7.3	8.7	1.5
2011/12	2.1	4.6	9.5	0.8	2.3	7.0	8.4	1.0
2012/13	2.1	3.2	6.6	0.7	0.6	5.9	7.1	0.6
2013/14	2.0	4.4	8.8	0.9	1.9	6.3	7.7	0.8
2014/15	1.9	5.7	10.6	0.8	3.1	6.7	8.0	1.1
2015/16	1.8	4.9	8.9	0.9	1.8	6.9	8.3	0.9
2016/17	1.9	5.3	10.0	0.9	2.3	6.9	8.3	1.2
Wheat and Coarse Grains								
2005/06	3.1	4.5	13.9	2.0	1.4	9.4	14.8	2.4
2006/07	3.0	4.5	13.3	2.3	1.2	9.2	14.2	2.5
2007/08	3.0	3.5	10.6	2.7	0.6	7.8	12.6	2.6
2008/09	3.0	4.6	13.7	2.3	1.9	8.8	13.8	2.8
2009/10	3.0	4.5	13.5	2.4	1.9	8.5	13.7	3.2
2010/11	2.9	4.6	13.2	2.4	2.6	8.1	13.4	2.7
2011/12	2.9	4.5	13.1	2.7	2.8	8.1	13.2	2.5
2012/13	2.9	3.4	10.0	2.4	1.3	7.0	11.8	1.7
2013/14	2.9	4.4	12.9	2.7	3.1	7.4	12.5	1.7
2014/15	2.8	5.1	14.5	2.5	3.7	7.8	12.8	2.1
2015/16	2.7	4.8	13.0	2.8	2.6	8.0	13.1	2.2
2016/17	2.8	4.9	14.0	2.7	3.1	8.2	13.3	2.4

Former Soviet Union: Grain Supply and Demand
Wheat and Coarse Grains Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Productio n	Imports	Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat								
2010/11	45.8	1.8	81.0	5.5	13.9	24.4	75.6	23.1
2011/12	49.7	2.3	115.0	8.0	39.7	28.4	80.0	26.4
2012/13	44.0	1.8	77.8	7.2	25.4	21.6	71.7	14.3
2013/14	47.7	2.2	103.9	7.5	37.2	22.7	72.8	15.7
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.9	20.1
2015/16	49.0	2.4	117.6	7.8	48.7	25.7	78.0	18.8
2016/17	48.1	2.4	116.8	7.5	44.1	26.3	79.0	20.0
Coarse Grains								
2010/11	21.9	2.2	47.5	1.1	8.8	28.4	41.8	5.5
2011/12	27.0	2.9	78.6	1.0	24.7	38.6	54.4	6.1
2012/13	27.5	2.5	68.2	0.7	19.9	35.6	50.2	5.0
2013/14	29.4	3.0	87.8	0.8	30.8	40.0	55.7	7.0
2014/15	30.2	3.0	91.6	0.8	33.9	42.1	58.1	7.4
2015/16	28.2	2.9	82.5	0.7	30.4	40.4	55.5	4.7
2016/17	28.7	3.1	87.6	0.7	31.0	41.7	57.1	4.9

Former Soviet Union: Grain Supply and Demand (Wheat)

Millions of Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2013/14	13.0	1.1	13.9	0.0	8.1	2.0	6.8	2.0
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.2
2015/16	11.6	1.2	13.7	0.1	7.5	2.1	6.9	2.7
2016/17	11.0	1.2	13.0	0.1	7.0	2.1	6.9	1.8
Russia								
2013/14	23.4	2.2	52.1	0.9	18.6	12.5	34.1	5.2
2014/15	23.6	2.5	59.1	0.3	22.8	13.0	35.5	6.3
2015/16	25.6	2.4	61.0	0.8	24.5	14.0	37.0	6.6
2016/17	26.0	2.5	64.0	0.5	25.0	14.5	37.5	8.6
Ukraine								
2013/14	6.6	3.4	22.3	0.1	9.8	3.4	11.5	3.7
2014/15	6.3	3.9	24.8	0.0	11.3	4.0	12.0	5.2
2015/16	7.1	3.8	27.3	0.1	15.8	4.5	12.5	4.2
2016/17	6.4	3.8	24.0	0.1	11.5	4.5	12.5	4.3
Uzbekistan								
2013/14	1.4	4.9	6.8	2.2	0.3	1.9	8.4	1.9
2014/15	1.4	5.1	7.2	2.2	0.2	2.2	8.9	2.2
2015/16	1.4	5.1	7.2	2.6	0.2	2.2	9.3	2.5
2016/17	1.4	5.1	7.2	2.5	0.2	2.2	9.5	2.5
Other Former Soviet Union - 12								
2013/14	3.4	2.6	8.8	4.3	0.4	2.9	12.0	3.0
2014/15	3.4	2.6	8.8	4.5	0.4	3.5	12.7	3.2
2015/16	3.3	2.5	8.3	4.3	0.7	2.9	12.3	2.8
2016/17	3.3	2.6	8.6	4.4	0.4	3.0	12.6	2.8
Total Former Soviet Union - 12								
2013/14	47.7	2.2	103.9	7.5	37.2	22.7	72.8	15.7
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.9	20.1
2015/16	49.0	2.4	117.6	7.8	48.7	25.7	78.0	18.8
2016/17	48.1	2.4	116.8	7.5	44.1	26.3	79.0	20.0

Former Soviet Union: Grain Supply and Demand (Barley)

Millions of Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2013/14	1.8	1.4	2.5	0.0	0.4	1.7	2.0	0.3
2014/15	1.9	1.3	2.4	0.0	0.5	1.7	2.0	0.2
2015/16	2.0	1.3	2.7	0.0	0.8	1.7	2.0	0.1
2016/17	2.1	1.3	2.7	0.0	0.7	1.8	2.1	0.1
Russia								
2013/14	8.0	1.9	15.4	0.2	2.7	8.3	12.7	0.9
2014/15	8.8	2.3	20.0	0.0	5.3	9.2	14.1	1.5
2015/16	8.0	2.1	17.1	0.1	4.3	8.9	13.6	0.8
2016/17	8.1	2.2	17.8	0.1	4.0	9.0	13.8	0.8
Ukraine								
2013/14	3.2	2.3	7.6	0.0	2.5	3.5	5.0	1.0
2014/15	3.2	3.0	9.5	0.0	4.5	3.2	4.7	1.3
2015/16	3.0	2.9	8.8	0.0	4.3	3.2	4.7	1.0
2016/17	3.0	2.9	8.7	0.0	4.0	3.2	4.7	1.0
Uzbekistan								
2013/14	0.1	3.2	0.2	0.0	0.0	0.2	0.3	0.0
2014/15	0.1	3.2	0.2	0.1	0.0	0.2	0.3	0.0
2015/16	0.1	3.2	0.2	0.1	0.0	0.3	0.3	0.0
2016/17	0.1	3.2	0.2	0.1	0.0	0.3	0.3	0.0
Other Former Soviet Union - 12								
2013/14	1.3	2.6	3.4	0.1	0.0	2.7	3.5	0.4
2014/15	1.3	2.7	3.4	0.2	0.1	2.8	3.6	0.3
2015/16	1.4	2.6	3.6	0.1	0.1	2.9	3.7	0.3
2016/17	1.4	2.7	3.8	0.1	0.1	3.0	3.8	0.3
Total Former Soviet Union - 12								
2013/14	14.5	2.0	29.2	0.3	5.6	16.4	23.5	2.6
2014/15	15.3	2.3	35.6	0.3	10.3	17.1	24.7	3.4
2015/16	14.5	2.2	32.4	0.3	9.5	17.0	24.4	2.2
2016/17	14.7	2.3	33.1	0.3	8.8	17.2	24.7	2.1

Former Soviet Union: Grain Supply and Demand (Corn)

Millions of Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2013/14	0.1	5.3	0.6	0.0	0.0	0.5	0.6	0.0
2014/15	0.1	5.3	0.7	0.0	0.0	0.5	0.6	0.1
2015/16	0.1	5.3	0.7	0.0	0.1	0.5	0.6	0.2
2016/17	0.2	5.3	0.8	0.0	0.1	0.6	0.7	0.1
Russia								
2013/14	2.3	5.0	11.6	0.1	4.2	6.6	7.5	0.3
2014/15	2.6	4.4	11.3	0.0	3.2	7.2	8.1	0.3
2015/16	2.7	4.9	13.2	0.1	4.4	8.0	8.9	0.3
2016/17	2.9	4.8	14.0	0.1	4.5	8.6	9.5	0.3
Ukraine								
2013/14	4.8	6.4	30.9	0.1	20.0	8.3	9.7	2.4
2014/15	4.6	6.2	28.5	0.0	19.7	8.0	9.4	1.8
2015/16	4.1	5.7	23.3	0.1	16.0	7.0	8.4	0.8
2016/17	4.2	6.2	26.0	0.1	17.0	7.3	8.7	1.2
Uzbekistan								
2013/14	0.0	3.4	0.1	0.0	0.0	0.1	0.1	0.0
2014/15	0.0	3.4	0.1	0.0	0.0	0.1	0.2	0.0
2015/16	0.0	3.4	0.1	0.0	0.0	0.1	0.1	0.0
2016/17	0.0	3.4	0.1	0.0	0.0	0.1	0.1	0.0
Other Former Soviet Union - 12								
2013/14	1.0	3.8	3.7	0.3	0.6	2.9	3.2	0.6
2014/15	0.9	3.7	3.2	0.4	0.3	2.9	3.2	0.8
2015/16	0.9	3.1	2.8	0.3	0.2	2.8	3.1	0.6
2016/17	0.9	3.7	3.2	0.3	0.3	2.9	3.2	0.6
Total Former Soviet Union - 12								
2013/14	8.3	5.7	46.9	0.4	24.8	18.4	21.1	3.4
2014/15	8.3	5.3	43.8	0.5	23.2	18.8	21.5	3.0
2015/16	7.8	5.1	40.1	0.4	20.6	18.5	21.2	1.8
2016/17	8.2	5.4	44.2	0.4	22.0	19.5	22.3	2.2

Wheat Supply and Disappearance: Selected Exporters
Million Metric Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Wheat Competitors								
Argentina								
2012/13	3.6	2.6	9.3	0.0	3.6	0.3	6.2	0.3
2013/14	3.5	3.0	10.5	0.0	2.3	0.1	6.1	2.5
2014/15	5.0	2.8	14.0	0.0	5.3	0.3	6.4	4.9
2015/16	3.8	3.0	11.3	0.0	9.0	0.1	6.2	1.0
2016/17	4.8	3.0	14.5	0.0	8.5	0.1	6.3	0.7
Australia								
2012/13	13.0	1.8	22.9	0.1	18.6	3.4	6.7	4.7
2013/14	12.6	2.0	25.3	0.2	18.6	3.6	7.0	4.6
2014/15	12.2	1.9	23.1	0.2	16.6	3.8	7.2	4.0
2015/16	12.8	1.9	24.5	0.2	16.5	3.8	7.2	4.9
2016/17	13.0	1.9	25.0	0.2	17.0	4.0	7.5	5.6
Canada								
2012/13	9.5	2.9	27.2	0.5	19.0	4.3	9.6	5.1
2013/14	10.4	3.6	37.5	0.4	23.3	4.2	9.4	10.4
2014/15	9.5	3.1	29.4	0.5	24.2	3.7	9.1	7.1
2015/16	9.6	2.9	27.6	0.5	22.5	3.6	8.8	3.9
2016/17	9.5	3.0	28.5	0.5	20.0	3.6	8.8	4.0
European Union								
2012/13	26.0	5.2	133.9	5.3	22.8	51.0	119.3	10.7
2013/14	25.9	5.6	144.6	4.0	32.0	49.0	117.3	9.9
2014/15	26.7	5.9	156.8	6.0	35.4	54.0	123.5	13.8
2015/16	26.8	6.0	160.0	6.7	33.0	59.0	128.8	18.7
2016/17	26.8	5.9	157.5	5.5	35.5	57.5	127.8	18.4
Kazakhstan								
2012/13	12.4	0.8	9.8	0.0	6.3	2.0	6.8	2.9
2013/14	13.0	1.1	13.9	0.0	8.1	2.0	6.8	2.0
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.2
2015/16	11.6	1.2	13.7	0.1	7.5	2.1	6.9	2.7
2016/17	11.0	1.2	13.0	0.1	7.0	2.1	6.9	1.8
Russia								
2012/13	21.3	1.8	37.7	1.2	11.3	11.9	33.6	4.9
2013/14	23.4	2.2	52.1	0.9	18.6	12.5	34.1	5.2
2014/15	23.6	2.5	59.1	0.3	22.8	13.0	35.5	6.3
2015/16	25.6	2.4	61.0	0.8	24.5	14.0	37.0	6.6
2016/17	26.0	2.5	64.0	0.5	25.0	14.5	37.5	8.6

Wheat Supply and Disappearance: Selected Exporters (Continued)

Million Metric Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Ukraine								
2012/13	5.6	2.8	15.8	0.0	7.2	3.1	11.4	2.6
2013/14	6.6	3.4	22.3	0.1	9.8	3.4	11.5	3.7
2014/15	6.3	3.9	24.8	0.0	11.3	4.0	12.0	5.2
2015/16	7.1	3.8	27.3	0.1	15.8	4.5	12.5	4.2
2016/17	6.4	3.8	24.0	0.1	11.5	4.5	12.5	4.3
Total Wheat Competitors								
2012/13	91.4	2.8	256.6	7.1	88.7	76.0	193.5	31.2
2013/14	95.4	3.2	306.2	5.5	112.6	74.8	192.1	38.2
2014/15	95.2	3.4	320.2	7.6	121.1	80.8	200.4	44.5
2015/16	97.1	3.4	325.5	8.3	128.8	87.1	207.4	42.0
2016/17	97.5	3.4	326.5	6.8	124.5	86.3	207.3	43.5

Corn Supply and Disappearance: Selected Exporters
 Million Metric Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Argentina								
2008/09	2.5	6.2	15.5	0.0	10.3	4.5	6.4	0.9
2009/10	3.0	8.3	25.0	0.0	16.5	5.0	6.9	2.5
2010/11	3.8	6.7	25.2	0.0	16.3	5.3	7.3	4.0
2011/12	3.6	5.8	21.0	0.0	17.1	4.8	7.0	0.9
2012/13	4.0	6.8	27.0	0.0	18.7	5.3	7.9	1.3
2013/14	3.4	7.6	26.0	0.0	17.1	5.8	8.8	1.4
2014/15	3.5	8.2	28.7	0.0	18.9	6.0	9.3	1.9
2015/16	3.4	7.9	27.0	0.0	18.0	6.0	9.3	1.6
2016/17	4.2	8.1	34.0	0.0	23.0	6.6	10.4	2.2
Brazil								
2008/09	14.1	3.6	51.0	1.1	7.1	38.5	45.5	10.1
2009/10	12.9	4.3	56.1	0.4	11.6	41.5	48.5	6.5
2010/11	13.8	4.2	57.4	0.8	8.4	43.0	50.0	6.3
2011/12	15.2	4.8	73.0	0.8	24.3	44.0	51.5	4.2
2012/13	15.8	5.2	81.5	0.9	24.9	44.5	52.5	9.2
2013/14	15.8	5.1	80.0	0.8	21.0	46.0	55.0	14.0
2014/15	15.8	5.4	85.0	0.3	34.5	48.0	57.0	7.8
2015/16	16.0	4.8	77.5	1.1	22.5	49.0	58.0	5.9
2016/17	15.8	5.2	82.0	0.6	23.0	50.0	59.0	6.5
China								
2008/09	29.9	5.6	165.9	0.0	0.2	108.0	153.0	51.2
2009/10	31.2	5.3	164.0	1.3	0.2	118.0	165.0	51.3
2010/11	32.5	5.5	177.2	1.0	0.1	128.0	180.0	49.4
2011/12	33.5	5.7	192.8	5.2	0.1	131.0	188.0	59.3
2012/13	35.0	5.9	205.6	2.7	0.1	144.0	200.0	67.6
2013/14	36.3	6.0	218.5	3.3	0.0	150.0	208.0	81.3
2014/15	37.1	5.8	215.6	5.5	0.0	140.0	202.0	100.5
2015/16	38.1	5.9	224.6	2.0	0.0	153.5	217.5	109.5
2016/17	36.0	6.1	218.0	1.0	0.0	160.0	227.0	101.5
South Africa								
2008/09	2.9	4.3	12.6	0.0	1.7	4.7	10.3	2.0
2009/10	3.3	4.1	13.4	0.0	2.1	4.9	10.6	2.8
2010/11	2.9	3.8	10.9	0.4	2.4	5.0	10.7	1.0
2011/12	3.1	4.1	12.8	0.0	1.8	5.0	10.7	1.3
2012/13	3.2	3.8	12.4	0.1	2.1	5.1	11.0	0.7
2013/14	3.1	4.9	14.9	0.1	2.0	5.5	11.5	2.2

Corn Supply and Disappearance: Selected Exporters (Continued)

Million Metric Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
2014/15	3.0	3.5	10.6	2.0	0.7	6.1	11.7	2.4
2015/16	1.9	3.4	6.5	3.5	0.7	5.5	11.0	0.7
2016/17	3.2	4.1	13.0	0.5	1.5	5.6	11.3	1.4
Total Corn Competitors								
2008/09	49.4	5.0	245.0	1.2	19.3	155.7	215.2	64.2
2009/10	50.4	5.1	258.5	1.7	30.3	169.4	231.0	63.0
2010/11	52.9	5.1	270.8	2.2	27.3	181.3	248.0	60.7
2011/12	55.5	5.4	299.5	6.0	43.4	184.8	257.2	65.7
2012/13	58.1	5.6	326.5	3.7	45.8	198.9	271.4	78.7
2013/14	58.6	5.8	339.4	4.1	40.0	207.3	283.3	98.9
2014/15	59.4	5.7	340.0	7.8	54.1	200.1	280.0	112.6
2015/16	59.4	5.6	335.6	6.6	41.2	214.0	295.8	117.8
2016/17	59.2	5.9	347.0	2.1	47.5	222.2	307.7	111.7

Barley Supply and Disappearance: Selected Exporters
 Million Metric Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Australia								
2008/09	5.0	1.6	8.0	0.0	3.2	2.9	4.0	2.4
2009/10	4.4	1.8	7.9	0.0	3.9	3.3	4.5	1.9
2010/11	3.7	2.2	8.0	0.0	4.7	3.0	4.2	1.0
2011/12	3.7	2.2	8.2	0.0	5.4	2.1	3.3	0.5
2012/13	3.6	2.1	7.5	0.0	4.5	1.8	3.0	0.5
2013/14	3.8	2.4	9.2	0.0	6.2	1.5	2.8	0.7
2014/15	3.8	2.1	8.0	0.0	5.2	1.6	2.9	0.6
2015/16	4.1	2.1	8.7	0.0	5.5	1.5	2.8	1.0
2016/17	4.0	2.1	8.5	0.0	5.8	1.4	2.7	1.0
Canada								
2008/09	3.5	3.4	11.8	0.0	1.5	7.6	8.9	3.0
2009/10	2.9	3.3	9.5	0.0	1.3	7.5	8.7	2.5
2010/11	2.4	3.2	7.6	0.0	1.2	6.3	7.5	1.5
2011/12	2.4	3.3	7.9	0.0	1.3	5.7	6.9	1.2
2012/13	2.8	2.9	8.0	0.0	1.4	5.7	6.8	1.0
2013/14	2.7	3.9	10.2	0.0	1.6	6.5	7.7	2.0
2014/15	2.1	3.3	7.1	0.1	1.5	5.2	6.5	1.2
2015/16	2.4	3.5	8.2	0.2	1.4	5.4	6.6	1.6
2016/17	2.5	3.4	8.5	0.1	1.4	5.7	7.0	1.8
European Union								
2008/09	14.6	4.5	65.8	0.3	3.6	41.7	57.3	11.0
2009/10	14.0	4.5	62.4	0.1	1.1	41.7	56.8	15.6
2010/11	12.5	4.3	53.7	0.2	4.9	41.3	56.6	7.9
2011/12	11.9	4.3	51.9	0.5	3.0	35.8	51.2	6.1
2012/13	12.5	4.4	54.9	0.1	5.0	35.5	51.0	5.0
2013/14	12.4	4.8	59.7	0.0	5.7	38.0	53.4	5.6
2014/15	12.4	4.9	60.6	0.1	9.5	35.5	50.9	5.9
2015/16	12.2	5.0	61.3	0.3	9.9	35.5	50.9	6.7
2016/17	12.4	5.1	62.9	0.1	9.0	38.5	53.9	6.9

Sorghum Supply and Disappearance: Selected Exporters

Million Metric Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Argentina								
2008/09	0.5	3.7	1.7	0.0	1.1	1.0	1.1	0.2
2009/10	0.8	4.8	3.6	0.0	1.8	1.7	1.9	0.2
2010/11	1.0	4.4	4.4	0.0	1.7	1.7	1.9	0.9
2011/12	1.0	4.2	4.2	0.0	3.1	1.7	1.9	0.2
2012/13	1.1	4.5	4.7	0.0	1.8	2.0	2.3	0.8
2013/14	1.0	4.4	4.4	0.0	1.3	2.3	2.7	1.2
2014/15	0.8	4.5	3.5	0.0	0.9	2.4	2.8	1.0
2015/16	0.8	4.3	3.4	0.0	0.7	2.4	2.8	0.9
2016/17	0.9	4.6	3.9	0.0	1.3	2.6	3.0	0.5
Australia								
2008/09	0.8	3.5	2.7	0.0	1.0	1.8	1.8	0.7
2009/10	0.5	3.0	1.5	0.0	0.3	1.2	1.2	0.7
2010/11	0.6	3.1	1.9	0.0	0.9	1.4	1.4	0.4
2011/12	0.7	3.4	2.2	0.0	1.3	1.1	1.1	0.2
2012/13	0.6	3.4	2.2	0.0	1.2	1.1	1.1	0.2
2013/14	0.5	2.4	1.3	0.0	0.4	0.9	0.9	0.2
2014/15	0.7	3.2	2.1	0.0	1.6	0.5	0.5	0.2
2015/16	0.7	3.0	2.1	0.0	1.0	1.1	1.1	0.2
2016/17	0.7	3.1	2.2	0.0	1.0	1.1	1.1	0.2

U.S. Grains Supply and Distribution: Wheat, Corn, Sorghum, Barley, Oats, Rye, and Rice

Thousand Metric Tons/ Hectares

	Area Harvested	Yield	Rough Production	Production	Imports	TY Imports	Exports	TY Exports	Feed Dom. Consumption	Domestic Consumption	Ending Stocks
Wheat											
2014/15	18,771	3	nr	55,147	4,068	3,987	23,249	22,752	3,326	31,554	20,477
2015/16	19,058	3	nr	55,840	3,184	3,200	21,092	21,200	3,810	31,741	26,668
2016/17	17,310	3	nr	56,531	3,402	3,400	24,494	24,500	5,443	33,530	28,577
Corn											
2014/15	33,644	11	nr	361,091	804	809	47,359	46,773	135,222	301,854	43,974
2015/16	32,678	11	nr	345,486	1,524	1,500	46,357	46,000	133,356	301,252	43,375
2016/17	34,763	11	nr	366,539	1,016	1,000	49,532	49,500	140,976	310,403	50,995
Sorghum											
2014/15	2,590	4	nr	10,988	10	27	8,965	9,249	2,048	2,429	468
2015/16	3,177	5	nr	15,158	127	110	8,382	7,800	2,540	5,970	1,401
2016/17	2,533	4	nr	10,338	25	25	5,588	5,500	2,540	5,080	1,096
Barley											
2014/15	1,011	4	nr	3,953	513	430	312	292	935	4,234	1,711
2015/16	1,258	4	nr	4,666	435	450	239	275	1,089	4,413	2,160
2016/17	1,101	4	nr	4,202	435	400	327	300	1,089	4,419	2,051
Oats											
2014/15	419	2	nr	1,019	1,852	1,759	26	23	1,306	2,424	780
2015/16	516	3	nr	1,300	1,517	1,500	25	25	1,618	2,729	843
2016/17	417	2	nr	987	1,637	1,600	29	30	1,565	2,697	741
Rye											
2014/15	104	2	nr	183	237	262	6	3	164	406	15
2015/16	146	2	nr	292	178	200	4	5	185	431	50
2016/17	109	2	nr	190	230	200	6	5	197	445	19
Rice, Milled											
2014/15	1,187	8	10,079	7,106	783	758	3,207	3,472	nr	4,155	1,552
2015/16	1,042	8	8,724	6,107	762	765	3,207	3,350	nr	3,853	1,361
2016/17	1,227	9	10,479	7,335	762	775	3,556	3,600	nr	4,287	1,615

Notes: Wheat Trade Year (TY) statistics are on July/June years. Barley, corn, sorghum, rye and oats Trade Year (TY) statistics are on Oct/Sept years. Rice Trade Year (TY) statistics are for the subsequent calendar year; 'Imports' and 'Exports' columns contain data on the local marketing year: wheat, barley, oats and rye are June/May; corn and sorghum are Sept/Aug; rice is Aug/July.

Total Wheat and Coarse Grains: Supply and Demand

Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat and Coarse Grains							
1987/88	544.3	2.4	1,285.9	202.2	656.6	1,329.8	422.8
1988/89	541.9	2.2	1,218.1	203.3	619.5	1,301.8	339.1
1989/90	548.2	2.4	1,327.4	208.9	644.5	1,346.2	320.3
1990/91	545.6	2.6	1,417.5	190.1	669.8	1,369.6	368.3
1991/92	543.3	2.5	1,355.5	207.5	653.5	1,365.9	357.9
1992/93	545.9	2.6	1,431.6	205.2	664.1	1,388.2	398.5
1993/94	536.0	2.5	1,356.5	188.2	657.1	1,389.0	366.0
1994/95	534.1	2.6	1,393.0	200.1	670.5	1,395.7	363.2
1995/96	527.2	2.5	1,338.9	187.5	641.8	1,381.8	320.3
1996/97	545.7	2.7	1,490.1	198.3	674.6	1,441.6	368.7
1997/98	535.2	2.8	1,490.6	190.4	685.7	1,443.2	416.1
1998/99	520.2	2.8	1,481.3	198.7	685.4	1,448.4	449.0
1999/00	506.2	2.9	1,465.6	214.0	690.5	1,469.9	444.1
2000/01	509.3	2.8	1,446.8	204.9	700.4	1,472.2	418.7
2001/02	511.7	2.9	1,480.1	208.3	713.7	1,495.7	403.2
2002/03	504.7	2.9	1,445.0	209.2	711.7	1,506.4	341.8
2003/04	511.2	2.9	1,473.0	205.8	718.0	1,535.7	279.1
2004/05	514.8	3.2	1,643.0	214.4	756.2	1,586.3	335.7
2005/06	517.5	3.1	1,600.1	222.5	758.2	1,617.3	318.5
2006/07	519.1	3.1	1,584.9	229.8	749.7	1,630.5	273.0
2007/08	534.7	3.2	1,692.8	244.7	764.5	1,675.8	289.9
2008/09	539.5	3.3	1,792.0	253.6	774.3	1,722.2	359.8
2009/10	533.6	3.4	1,804.1	254.1	782.4	1,767.7	396.2
2010/11	523.5	3.3	1,747.8	250.1	773.7	1,784.0	360.0
2011/12	537.8	3.4	1,853.4	287.1	808.0	1,853.3	360.2
2012/13	532.1	3.4	1,794.7	279.5	807.7	1,813.7	341.1
2013/14	540.7	3.7	1,995.6	327.3	861.5	1,930.4	406.3
2014/15	545.4	3.7	2,031.2	334.9	883.4	1,976.3	461.2
2015/16	544.7	3.7	1,989.0	342.9	899.0	1,964.3	485.8
2016/17	541.8	3.8	2,033.8	336.0	922.1	2,022.2	497.5

Notes: Wheat and coarse grains trade data are on July/June years through 1975/76. From 1976/77 to the present, coarse grains data are on an Oct/Sept trade year.

World Wheat and Coarse Grains: Supply and Demand

Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat							
1994/95	213.4	2.5	523.1	101.5	103.0	541.7	164.7
1995/96	216.7	2.5	537.5	99.2	96.9	545.6	156.6
1996/97	227.1	2.6	581.3	104.0	101.4	572.6	165.3
1997/98	226.4	2.7	610.2	104.5	106.2	576.5	199.0
1998/99	219.2	2.7	590.5	102.0	109.4	579.0	210.5
1999/00	212.7	2.8	587.5	111.9	104.6	587.6	210.3
2000/01	215.6	2.7	583.3	102.1	111.2	587.1	206.5
2001/02	214.5	2.7	583.9	107.9	112.0	586.6	203.7
2002/03	213.9	2.7	569.7	106.5	116.1	603.9	169.5
2003/04	208.0	2.7	555.3	103.5	101.7	588.9	135.9
2004/05	215.8	2.9	626.8	113.2	110.7	606.3	156.4
2005/06	217.5	2.8	618.8	114.1	117.7	621.8	153.4
2006/07	212.3	2.8	596.7	115.3	113.1	616.5	133.6
2007/08	217.1	2.8	612.6	116.0	104.8	617.5	128.7
2008/09	224.1	3.1	683.7	143.2	124.4	643.2	169.2
2009/10	225.6	3.0	687.0	135.3	122.3	653.0	203.2
2010/11	216.9	3.0	649.3	134.1	116.8	653.9	198.7
2011/12	220.9	3.2	696.9	153.7	148.7	697.7	197.9
2012/13	215.8	3.1	658.3	147.3	138.2	679.1	177.1
2013/14	219.6	3.3	714.9	162.5	126.5	697.8	194.2
2014/15	221.3	3.3	726.9	161.5	130.8	704.6	216.5
2015/16	224.6	3.3	734.2	167.7	134.1	707.8	243.0
2016/17	219.8	3.3	730.8	165.4	133.5	716.0	257.8
Coarse Grains							
1994/95	320.8	2.7	869.8	98.6	567.6	854.0	198.5
1995/96	310.5	2.6	801.4	88.3	544.9	836.2	163.7
1996/97	318.6	2.9	908.7	94.3	573.3	869.0	203.5
1997/98	308.8	2.9	880.4	85.8	579.5	866.7	217.1
1998/99	301.0	3.0	890.8	96.7	576.0	869.4	238.6
1999/00	293.5	3.0	878.1	102.1	585.8	882.3	233.8
2000/01	293.7	2.9	863.5	102.8	589.3	885.1	212.3
2001/02	297.2	3.0	896.3	100.4	601.6	909.0	199.5
2002/03	290.9	3.0	875.3	102.7	595.6	902.5	172.3
2003/04	303.3	3.0	917.7	102.3	616.3	946.8	143.1
2004/05	299.0	3.4	1,016.2	101.2	645.5	980.0	179.4
2005/06	300.0	3.3	981.3	108.4	640.5	995.6	165.1
2006/07	306.8	3.2	988.2	114.5	636.6	1,013.9	139.4
2007/08	317.6	3.4	1,080.2	128.7	659.8	1,058.3	161.2
2008/09	315.4	3.5	1,108.3	110.4	649.9	1,079.0	190.6
2009/10	308.0	3.6	1,117.0	118.8	660.1	1,114.7	193.0
2010/11	306.6	3.6	1,098.5	116.0	656.9	1,130.1	161.4
2011/12	316.9	3.6	1,156.5	133.4	659.3	1,155.6	162.3
2012/13	316.3	3.6	1,136.4	132.2	669.5	1,134.7	164.0
2013/14	321.1	4.0	1,280.7	164.8	735.0	1,232.6	212.1
2014/15	324.2	4.0	1,304.2	173.4	752.6	1,271.7	244.6
2015/16	320.1	3.9	1,254.7	175.2	764.9	1,256.5	242.8
2016/17	322.0	4.0	1,303.0	170.5	788.6	1,306.2	239.7

Notes: Wheat and coarse grains trade data are on July/June years through 1975/76. From 1976/77 to the present, coarse grains data are on an Oct/Sept trade year.

World Corn and Barley: Supply and Demand

Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Productio n	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Corn							
1994/95	135.2	4.1	559.6	71.9	371.6	535.7	153.3
1995/96	135.0	3.8	516.7	64.8	365.3	536.8	133.3
1996/97	141.5	4.2	592.9	66.6	387.9	559.9	166.3
1997/98	136.2	4.2	574.1	63.1	400.6	573.3	167.2
1998/99	138.9	4.4	605.8	68.7	404.4	581.6	191.4
1999/00	138.9	4.4	608.1	72.0	422.5	605.1	194.4
2000/01	137.1	4.3	591.7	75.9	427.4	610.8	175.3
2001/02	137.1	4.4	601.8	72.7	436.4	625.6	151.5
2002/03	137.8	4.4	603.8	76.8	433.4	628.5	126.8
2003/04	141.7	4.4	627.6	79.0	445.8	649.9	104.6
2004/05	145.4	4.9	717.1	76.0	476.0	690.6	131.1
2005/06	145.4	4.8	700.9	82.5	479.6	708.5	123.5
2006/07	150.5	4.8	716.6	91.3	480.4	731.3	108.8
2007/08	160.3	5.0	795.7	98.2	501.4	776.7	127.9
2008/09	158.8	5.0	800.1	83.6	482.0	784.4	143.5
2009/10	158.4	5.2	825.2	92.7	492.9	827.8	140.9
2010/11	164.6	5.1	835.9	91.7	503.7	853.2	123.6
2011/12	172.1	5.2	889.8	103.7	508.7	885.0	128.3
2012/13	177.6	4.9	869.7	100.5	519.0	864.8	133.3
2013/14	180.5	5.5	991.4	130.4	572.2	948.9	175.7
2014/15	179.9	5.6	1,013.5	128.0	585.7	980.8	208.4
2015/16	176.8	5.5	966.4	134.6	601.6	968.3	206.4
2016/17	178.8	5.7	1,011.8	132.3	622.8	1,013.1	205.1
Barley							
1994/95	72.2	2.2	160.7	15.3	120.9	165.6	30.0
1995/96	66.4	2.1	141.2	13.4	107.8	150.7	20.5
1996/97	64.3	2.4	153.2	17.9	106.3	149.5	24.1
1997/98	63.8	2.4	153.9	12.8	104.1	145.8	32.2
1998/99	56.7	2.4	136.0	17.8	99.5	139.3	29.0
1999/00	52.1	2.4	127.4	17.8	94.0	132.5	23.9
2000/01	52.9	2.5	133.0	16.3	94.6	134.3	22.6
2001/02	55.7	2.6	143.4	17.2	95.5	136.8	29.2
2002/03	54.7	2.5	134.3	16.3	94.7	135.9	27.6
2003/04	58.4	2.4	142.7	14.8	103.1	146.8	23.5
2004/05	57.4	2.7	152.1	17.0	100.0	142.5	33.1
2005/06	55.2	2.5	136.2	17.4	97.3	141.0	28.3
2006/07	56.3	2.4	136.8	14.6	98.4	143.6	21.5
2007/08	55.7	2.4	132.7	18.5	91.0	133.7	20.6
2008/09	55.0	2.8	155.0	18.2	100.4	143.8	31.7
2009/10	54.2	2.8	150.9	17.3	101.4	145.2	37.4
2010/11	47.1	2.6	123.0	15.2	91.3	136.1	24.3
2011/12	49.2	2.7	133.3	21.4	91.7	135.0	22.7
2012/13	49.9	2.6	128.8	22.2	88.6	131.1	20.4
2013/14	50.7	2.8	144.3	23.8	97.2	140.8	23.9
2014/15	49.5	2.9	141.2	30.1	97.2	141.5	23.5
2015/16	49.9	3.0	147.9	27.8	98.5	145.9	25.5
2016/17	49.3	2.9	144.9	27.5	100.2	146.4	24.0

Notes: Coarse grains trade data are on July/June years through 1975/76. From 1976/77 to the present, coarse grains data are on an Oct/Sept trade year.

World Rice: Supply and Demand

Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Rough Productio n	Productio n	TY Exports	Domestic Consumpti	Ending Stocks
Rice, Milled							
1987/88	141.4	3.3	464.8	315.1	11.4	313.1	105.3
1988/89	146.6	3.3	490.8	332.1	14.0	325.7	111.7
1989/90	147.8	3.5	510.4	345.3	11.7	336.3	120.6
1990/91	147.0	3.5	519.4	351.4	12.3	345.3	126.7
1991/92	147.5	3.5	522.8	353.2	14.4	353.2	126.7
1992/93	146.5	3.6	524.2	354.0	14.9	357.5	123.2
1993/94	145.3	3.6	526.1	354.7	16.6	358.9	119.0
1994/95	147.3	3.7	540.0	364.1	20.8	365.5	117.6
1995/96	148.4	3.7	547.3	368.8	19.7	368.3	118.1
1996/97	150.1	3.8	565.3	381.4	18.9	379.2	120.3
1997/98	151.7	3.8	575.2	387.4	27.6	380.0	127.7
1998/99	153.1	3.8	587.0	394.9	24.8	388.6	134.0
1999/00	155.9	3.9	608.8	409.3	22.8	400.2	143.1
2000/01	152.4	3.9	594.1	399.3	24.3	395.6	146.7
2001/02	151.3	3.9	594.3	399.5	27.9	413.3	132.9
2002/03	146.9	3.8	563.0	378.2	27.6	408.1	103.0
2003/04	149.3	3.9	585.4	392.5	27.3	413.8	81.7
2004/05	151.8	3.9	596.4	400.8	28.9	408.5	74.0
2005/06	153.9	4.0	622.2	417.8	29.0	415.4	76.5
2006/07	154.5	4.0	625.0	420.1	31.8	421.2	75.4
2007/08	154.8	4.2	643.5	433.6	29.5	428.1	80.8
2008/09	158.2	4.2	668.7	449.3	29.4	437.6	92.6
2009/10	155.8	4.2	656.2	440.7	31.8	438.4	95.0
2010/11	158.4	4.2	672.1	450.4	36.5	445.3	100.0
2011/12	160.7	4.3	697.2	467.6	40.0	460.8	106.8
2012/13	158.5	4.4	704.5	472.5	39.5	465.5	113.8
2013/14	161.8	4.4	713.4	478.4	44.1	477.9	114.3
2014/15	161.0	4.4	713.8	478.7	42.8	478.7	114.4
2015/16	158.5	4.4	701.9	470.9	41.4	478.7	106.6
2016/17	161.1	4.4	716.8	480.7	40.6	480.4	106.9

Notes: Stocks, exports and consumption are expressed on a milled basis in marketing years.

ENDNOTES TO GRAIN: WORLD MARKETS AND TRADE

REGIONAL TABLES

North America: Canada, Mexico, the United States.

Central America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.

Caribbean: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, British Virgin Islands, Cayman Islands, Cuba, Dominica, Dominican Republic, French West Indies, Grenada, Guadeloupe, Haiti, Jamaica and Dep, Leeward-Windward Islands, Martinique, Montserrat, Netherlands Antilles, Puerto Rico, Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, Turks and Caicos Islands, Virgin Islands of the U.S.

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Falkland Islands (Islas Malvinas), French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela.

EU: Austria, Belgium/Luxembourg, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom.

Other Europe: Albania, Azores, Bosnia and Herzegovina, Former Yugoslavia, Gibraltar, Iceland, Macedonia, Montenegro, Norway, Serbia, Switzerland.

Former Soviet Union: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan.

Middle East: Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, Turkey, United Arab Emirates, Yemen.

North Africa: Algeria, Egypt, Libya, Morocco, Tunisia.

Sub-Saharan Africa: all African countries except North Africa.

East Asia: China, Hong Kong, Japan, South Korea, North Korea, Macau, Mongolia, Taiwan.

South Asia: Afghanistan, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka, Maldives.

Southeast Asia: Brunei, Burma, Cambodia, Indonesia, Laos, Malaysia, Philippines, Singapore, Thailand, Vietnam.

Oceania: Australia, Fiji, New Zealand, Papua New Guinea.

OTHER NOTES

Local Marketing Years (LMY): LMY refers to the 12-month period at the onset of the main harvest, when the crop is marketed (i.e., consumed, traded, or stored). The year first listed begins a country's LMY for that commodity (2015/16 starts in 2015); except for summer grains in certain Southern Hemisphere countries and for rice in selected countries, where the second year begins the LMY (2015/16 starts in 2016). **Key exporter LMY's are:**

Wheat	Corn	Barley	Sorghum
Argentina (Dec/Nov)	Argentina (Mar/Feb)	Australia (Nov/Oct)	Argentina (Mar/Feb)
Australia (Oct/Sep)	Brazil (Mar/Feb)	Canada (Aug/Jul)	Australia (Mar/Feb)
Canada (Aug/Jul)	China (Oct/Sep)	European Union (Jul/Jun)	United States (Sep/Aug)
China (Jul/Jun)	South Africa (May/Apr)	Russia (Jul/Jun)	
European Union (Jul/Jun)	United States (Sep/Aug)	Ukraine (Jul/Jun)	
India (Apr/Mar)		United States (Jun/May)	
Kazakhstan (Jul/Jun)			
Russia (Jul/Jun)			
Turkey (Jun/May)			
Ukraine (Jul/Jun)			
United States (Jun/May)			

For a complete list of local marketing years, please see the FAS website (<http://www.fas.usda.gov/psdonline/psdAvailability.aspx>).

Stocks: Unless otherwise stated, stock data are based on an aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time.

Consumption: World totals for consumption reflect total utilization, including food, seed, industrial, feed, and waste; as well as differences in local marketing year imports and local marketing year exports. Consumption statistics for regions and individual countries, however, reflect food, seed, industrial, feed, and waste only.

Trade: All PSD tables are balanced on the different local marketing years. All trade tables contain Trade Year (TY) data which puts all countries on a uniform, 12-month period for analytical comparisons: wheat is July/June; coarse grains, corn, barley, sorghum, oats, and rye are Oct/Sept; and rice is calendar year.

EU Consolidation: The trade figures starting from 1999/00 represent the European Union (Croatia plus the former EU-27) and exclude all intra-trade. For the years 1960/61 through 1998/99, figures are the EU-15 and also exclude all intra-trade. EU-15 member states' data for grains are no longer maintained in the official USDA database. Data for the individual NMS-10, plus Bulgaria, Romania, and Croatia, exists only prior to 1999/00.

Statistics: (1) Wheat trade statistics include wheat, flour, and selected pasta products on a grain equivalent basis. (2) Rice trade statistics include rough, brown, milled, and broken on a milled equivalent basis. (3) Coarse grains statistics include corn, barley, sorghum, oats, rye, millet, and mixed grains but exclude trade in barley malt, millet, and mixed grains.

Unaccounted: This term includes grain in transit, reporting discrepancies in some countries, and trade to countries outside the USDA database.

The Global Commodity Analysis Division, Office of Global Analysis, Foreign Agricultural Service, USDA, Washington, DC 20250, prepared this circular. Information is gathered from official statistics of foreign governments and other foreign source materials, reports of U.S. agricultural attachés and Foreign Service officers, office research, and related information. Further information may be obtained by writing the Division or telephoning (202) 720-3448.

Note: The previous report in this series was Grain: World Markets and Trade May 2016. For further details on world grain production, please see World Agricultural Production June 2016.

This circular is available in its entirety on the Internet via the Foreign Agricultural Service Home Page. The address is: <http://www.fas.usda.gov>

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