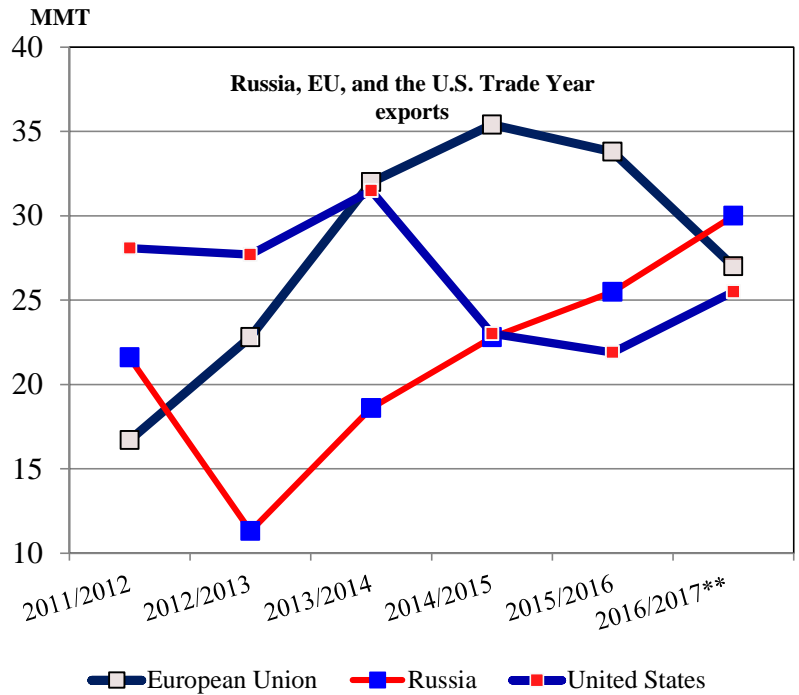
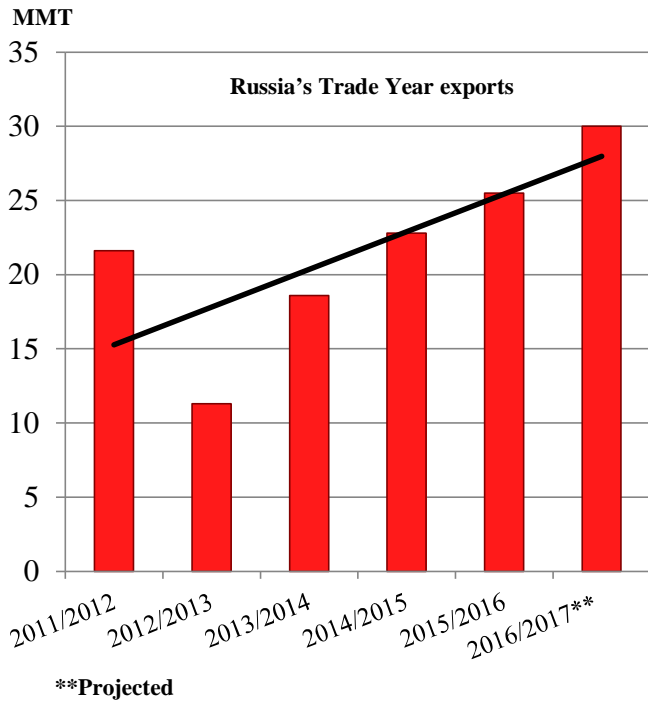




Grain: World Markets and Trade

August 2016

Russia is Projected to Become World's Largest Wheat Exporter



For the third consecutive year, Russia's wheat exports are projected at a record. Furthermore, Russia is forecast to be the world's largest exporter for the first time ever. The upward trajectory in exports is a function of expanding exportable supplies driven by four straight years of production growth and relatively flat domestic consumption. However, the 30 million ton export estimate for 2016/17 assumes ideal conditions such as optimal weather for loading, effective management of the movement of the grain through ports, and steady supplies throughout the year.

Russia's primary competitors, the EU and Ukraine, both have tighter supplies in 2016/17 compared to last year. EU exports are slashed this month as a result of a poor crop in France, the largest EU exporter. Russia has freight and logistical advantages to growth markets in North Africa, Sub-Saharan Africa and the Middle East and can easily grow its market share in these regions to replace a portion of the curtailed EU exports.

The United States lost market share in Western Hemisphere countries to both the EU and Russia in recent years. As Russia replaces some EU wheat in markets in North Africa, Sub-Saharan Africa and the Middle East, the United States will likely expand exports to its traditional markets.

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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	63.2	7.1	6.1	7.8	361.1	345.5	384.9
Other		672.8	679.0	680.2	471.6	464.7	473.3	652.5	614.2	643.5
World Total		727.9	734.8	743.4	478.7	470.8	481.1	1,013.6	959.7	1,028.4
Domestic Consumption										
United States	(Jun-May)	31.3	31.6	37.2	4.3	3.9	4.4	301.8	298.9	313.1
Other		669.0	676.0	691.3	471.4	467.3	472.3	662.0	675.6	694.6
World Total		700.3	707.6	728.5	475.7	471.2	476.7	963.8	974.5	1,007.7
Ending Stocks										
United States	(Jun-May)	20.5	26.7	29.9	1.6	1.3	1.7	44.0	43.3	61.2
Other		195.6	215.2	222.9	112.7	110.2	112.1	164.3	166.0	159.6
World Total		216.1	241.9	252.8	114.3	111.5	113.8	208.3	209.3	220.8
TY Imports										
United States	(Jun-May)	4.0	3.1	3.1	0.8	0.8	0.8	0.8	1.7	1.3
Other		154.6	165.4	164.1	38.8	37.9	37.6	124.7	131.9	129.2
World Total		158.6	168.5	167.2	39.6	38.7	38.4	125.5	133.6	130.5
TY Exports										
United States	(Jun-May)	23.0	21.9	25.5	3.4	3.5	3.7	46.8	49.5	55.0
Other		138.8	148.9	144.2	39.3	37.7	36.9	81.2	87.2	78.7
World Total		161.8	170.8	169.7	42.7	41.2	40.6	128.0	136.7	133.7

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.

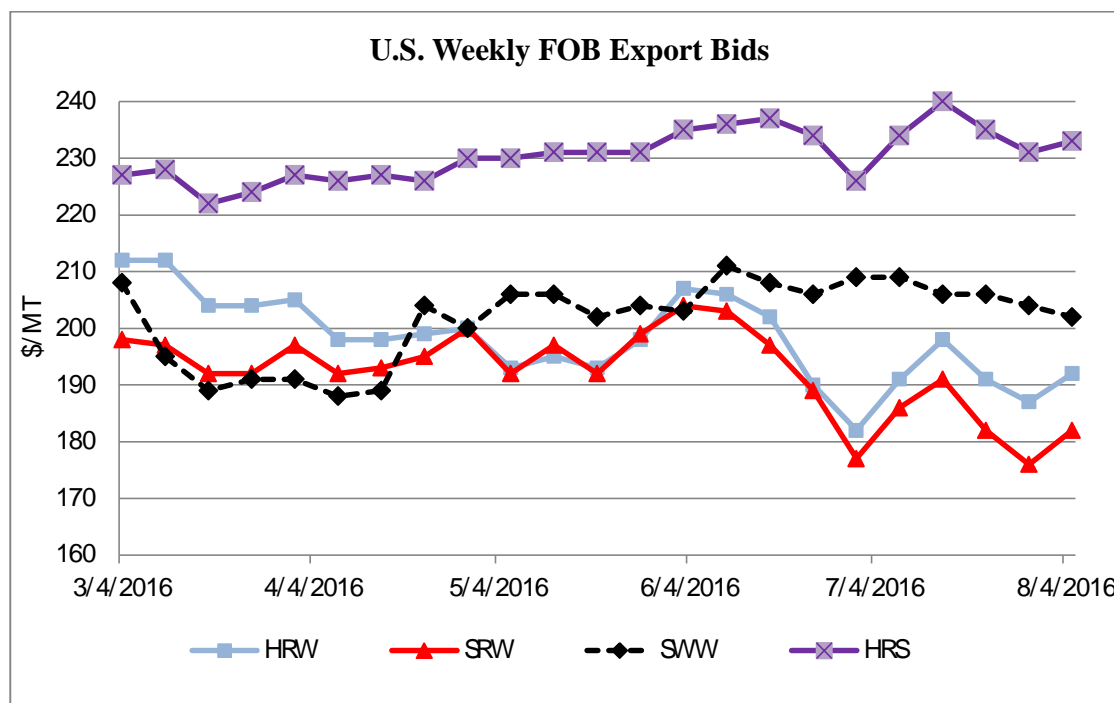
WHEAT: WORLD MARKETS AND TRADE

OVERVIEW

Global production in 2016/17 is raised to a new record despite a sharp reduction in the EU. A record crop in Russia as well as larger crops in Australia, Canada, Kazakhstan, Ukraine, and the United States more than offset the significant decline in the EU crop and a slight reduction in Argentina. Global trade is up month-to-month, but remains fractionally below the previous year's record. The upward revision is based upon larger projected imports for the EU and growing demand across much of Asia and Africa. U.S. imports are cut slightly due to a larger crop. Expansion of exports for Australia, Canada, Kazakhstan, Russia, Ukraine, and the United States are more than offset by cuts to the EU and Argentina. The U.S. season-average farm price is lowered 10 cents to \$3.70 per bushel.

For 2015/16, global trade is revised up to a new record.

U.S. PRICES:



Domestic: Prices for most wheat classes were volatile in July, with the exception of soft white wheat (SWW). Poor crop conditions in France, the primary exporter in the EU, supported prices over the last several weeks after the June price plunge. Overall, HRW prices gained \$10 to \$192/ton. Soft Red Winter (SRW) prices settled \$5 higher at \$182/ton. Hard Red Spring (HRS) prices rose \$7 to \$233/ton. SWW fell \$7 to \$202/ton.

TRADE CHANGES IN 2016/17

Selected Exporters

- **Argentina** is down 1.0 million tons to 8.0 million due to tighter old crop supplies and lower-than-expected new crop planting.
- **Australia** is raised 1.0 million tons to 18.5 million based on a larger crop. It is expected that Australia will regain market share in Southeast Asia as supplies tighten in Argentina.
- **Canada** is up 1.0 million tons to 21.0 million due to higher production.
- **EU** is slashed 7.0 million tons to 27.0 million on a significant cut in the French crop, thus limiting exportable supplies. France is the largest producer and exporter in the EU.
- **Kazakhstan** is raised 1.0 million tons to 8.0 million due to a larger crop.
- **Russia** is boosted 4.5 million tons to a record 30.0 million based on a record crop and reduced competition from the EU.
- **Ukraine** is up 2.0 million tons to 14.5 million as the result of a bigger crop and demand for feed-quality wheat in East and Southeast Asia.
- **United States** is up 500,000 tons to 25.5 million on growing price competitiveness.

Selected Importers

- **Afghanistan** is raised 300,000 tons to 2.7 million as the result of increased shipments anticipated from Central Asia.
- **EU** is up 500,000 tons to 6.0 million to reflect the steep drop in domestic production.
- **United States** is trimmed 150,000 tons to 3.1 million as a result of a larger crop.

TRADE CHANGES IN 2015/16

Selected Exporters - based on trade data

- **Australia** is reduced 418,000 tons to a final 15.8 million.
 - **EU** is raised 800,000 tons to 33.8 million.
 - **Russia** is boosted 500,000 tons to 25.5 million.
 - **United States** is up 106,000 tons to a final 21.856 million.
-

Selected Importers - based on trade data

- **Afghanistan** is raised 300,000 tons to 2.7 million.
- **Egypt** is up 400,000 tons to 11.9 million.
- **Ethiopia** is cut 500,000 tons to 2.6 million.
- **Indonesia** is boosted 300,000 tons to a record 9.9 million.
- The **Philippines** is elevated 300,000 tons to 4.8 million.
- **United States** is down 44,000 tons to a final 3.056 million.

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

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 Jul	2016/ 17 Aug
TY Exports						
Argentina	7,450	1,675	4,200	8,860	9,000	8,000
Australia	21,269	18,339	16,575	15,782	17,500	18,500
Brazil	1,753	81	1,688	1,100	1,000	1,000
Canada	18,584	22,156	24,877	22,141	20,000	21,000
European Union	22,786	32,032	35,418	33,800	34,000	27,000
Kazakhstan	6,801	8,000	5,507	7,600	7,000	8,000
Mexico	729	1,322	1,104	1,300	1,300	1,300
Russia	11,308	18,609	22,800	25,500	25,500	30,000
Turkey	3,583	4,293	4,134	5,600	5,500	5,600
Ukraine	7,190	9,755	11,269	17,200	12,500	14,500
Others	18,117	14,726	11,214	10,051	9,352	9,347
Subtotal	119,570	130,988	138,786	148,934	142,652	144,247
United States	27,734	31,519	22,999	21,856	25,000	25,500
World Total	147,304	162,507	161,785	170,790	167,652	169,747
TY Imports						
Afghanistan	1,600	2,050	2,000	2,700	2,400	2,700
Algeria	6,484	7,484	7,257	8,200	8,000	8,200
Bangladesh	2,725	3,354	3,915	4,600	4,700	4,700
Brazil	7,547	7,061	5,869	5,925	6,000	6,000
China	2,960	6,773	1,926	3,476	3,500	3,500
Egypt	8,400	10,150	11,300	11,900	12,000	12,200
Ethiopia	1,344	670	1,100	2,600	2,000	2,000
European Union	5,276	3,976	5,975	6,700	5,500	6,000
India	20	22	273	250	2,000	2,000
Indonesia	7,146	7,391	7,478	9,900	9,100	9,100
Iraq	3,948	3,246	2,253	2,300	2,300	2,300
Japan	6,598	6,123	5,878	5,715	5,800	5,800
Korea, South	5,439	4,288	3,942	4,420	5,000	5,000
Mexico	3,823	4,639	4,476	4,800	4,200	4,200
Morocco	3,825	3,928	4,086	4,700	5,000	5,000
Nigeria	4,168	4,580	4,244	4,300	4,300	4,300
Peru	1,683	2,114	1,907	1,800	1,900	1,900
Philippines	3,620	3,476	5,055	4,800	4,800	5,000
Saudi Arabia	1,921	3,429	3,487	3,000	3,500	3,500
Sudan	1,793	2,664	2,632	2,100	2,300	2,300
Thailand	1,840	1,684	3,488	4,800	3,800	3,800
Turkey	3,312	4,149	5,960	4,400	4,800	5,000
Uzbekistan	1,863	2,224	2,230	2,663	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	49,127	54,572	52,395	53,129	50,081	51,081
Subtotal	141,340	155,629	154,667	165,478	161,531	164,131
Unaccounted	2,513	2,118	3,154	2,256	2,871	2,516
United States	3,451	4,760	3,964	3,056	3,250	3,100
World Total	147,304	162,507	161,785	170,790	167,652	169,747

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 Jul	2016/ 17 Aug
Production						
Argentina	9,300	10,500	13,930	11,300	15,000	14,400
Australia	22,856	25,303	23,910	24,500	25,500	26,500
Brazil	4,380	5,300	6,000	5,540	5,300	5,300
Canada	27,205	37,530	29,420	27,600	29,000	30,000
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	156,922	160,012	156,500	147,500
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	15,000
Pakistan	23,473	24,211	25,979	25,100	25,300	25,300
Russia	37,720	52,091	59,080	61,044	65,000	72,000
Turkey	16,000	18,750	15,250	19,500	17,500	17,500
Ukraine	15,761	22,278	24,750	27,274	25,000	27,000
Uzbekistan	6,700	6,800	7,150	7,200	7,200	7,200
Others	51,595	57,388	53,982	56,325	51,081	50,986
Subtotal	596,985	656,861	672,727	678,963	676,981	680,286
United States	61,298	58,105	55,147	55,840	61,532	63,156
World Total	658,283	714,966	727,874	734,803	738,513	743,442
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	8,600	8,800	8,800
China	125,000	116,500	116,500	112,000	117,000	117,000
Egypt	18,700	18,500	19,100	19,200	19,700	19,800
European Union	119,250	117,300	124,700	129,900	129,300	129,300
India	83,824	93,848	93,122	88,641	93,100	93,100
Indonesia	6,950	7,165	7,365	8,800	9,000	9,200
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	38,500
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	9,350	9,500	9,500
Others	146,702	150,279	153,454	159,330	161,505	162,600
Subtotal	641,272	663,634	674,291	677,419	693,084	695,296
United States	37,810	34,261	31,335	31,589	36,252	37,204
World Total	679,082	697,895	705,626	709,008	729,336	732,500
Ending Stocks						
Australia	4,663	4,558	4,837	6,262	6,552	6,952
China	53,960	65,274	76,105	97,042	112,495	112,742
European Union	10,711	9,938	12,717	15,729	17,429	12,929
India	24,200	17,830	17,200	14,500	11,000	11,000
Iran	5,116	7,301	7,916	8,176	5,886	5,976
Morocco	2,674	4,321	4,269	7,069	5,019	5,019
Russia	4,933	5,177	6,285	5,629	8,629	9,629
Others	50,973	63,375	66,281	60,768	56,611	58,643
Subtotal	157,230	177,774	195,610	215,175	223,621	222,890
United States	19,538	16,065	20,477	26,707	30,079	29,934
World Total	176,768	193,839	216,087	241,882	253,700	252,824

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Jul 2016/ 17	Aug 2016/ 17
TY Imports						
North America	7,759	9,841	8,930	8,341	7,935	7,785
Central America	1,654	1,833	1,834	1,900	1,930	1,975
South America	14,422	14,866	13,132	13,416	13,410	13,425
European Union - 28	5,276	3,976	5,975	6,700	5,500	6,000
Other Europe	1,632	1,858	1,760	1,920	1,785	1,785
Former Soviet Union - 12	7,246	7,506	7,681	7,548	7,270	7,295
Middle East	24,250	28,434	26,921	24,425	23,700	24,095
North Africa	22,047	25,246	25,430	28,050	27,900	28,450
Sub-Saharan Africa	18,585	20,502	20,939	22,990	22,305	22,590
East Asia	17,354	19,465	14,115	16,246	16,670	16,770
South Asia	5,308	6,721	8,149	8,736	10,251	10,591
Southeast Asia	16,294	17,101	20,541	25,050	22,850	23,150
Others	2,964	3,040	3,224	3,212	3,275	3,320
Total	144,791	160,389	158,631	168,534	164,781	167,231
Production						
North America	91,734	99,012	88,254	87,191	94,502	97,126
South America	18,011	19,762	24,152	21,259	24,218	23,473
European Union - 28	133,949	144,583	156,922	160,012	156,500	147,500
Other Europe	3,431	4,103	3,929	4,067	4,600	4,600
Former Soviet Union - 12	77,802	103,885	112,735	117,718	118,930	129,930
Middle East	36,884	41,708	35,414	41,795	39,310	39,310
North Africa	17,328	19,656	17,010	19,910	14,200	14,200
Sub-Saharan Africa	6,716	7,154	7,144	6,371	7,127	7,177
East Asia	122,490	123,248	127,650	131,524	131,360	131,360
South Asia	126,412	125,917	130,154	119,840	121,645	121,645
Oceania	23,345	25,751	24,324	24,925	25,930	26,930
Others	181	187	186	191	191	191
Total	658,283	714,966	727,874	734,803	738,513	743,442
Domestic Consumption						
North America	53,990	50,325	47,262	47,189	52,172	53,124
South America	26,212	27,126	26,780	26,560	26,615	26,570
European Union - 28	119,250	117,300	124,700	129,900	129,300	129,300
Other Europe	4,721	4,807	4,850	4,905	5,120	5,120
Former Soviet Union - 12	71,725	72,750	75,860	77,905	78,790	79,815
Middle East	56,636	58,717	58,112	60,195	60,140	60,420
North Africa	41,290	42,425	42,651	43,625	44,000	44,250
Sub-Saharan Africa	24,047	26,341	26,848	28,319	28,770	28,690
East Asia	140,071	130,201	129,513	125,244	131,060	131,185
South Asia	121,007	132,041	132,322	129,027	134,166	134,601
Southeast Asia	16,515	16,560	19,265	22,455	22,385	22,740
Oceania	8,111	8,280	8,569	8,615	8,850	8,865
Others	3,366	3,494	3,571	3,621	3,739	3,774
Total	686,941	690,367	700,303	707,560	725,107	728,454
Ending Stocks						
North America	24,925	26,790	28,080	32,046	35,253	35,208
South America	3,538	6,834	8,268	4,575	4,172	4,592
European Union - 28	10,711	9,938	12,717	15,729	17,429	12,929
Other Europe	1,057	935	1,101	1,158	1,348	1,348
Former Soviet Union - 12	14,238	15,624	19,973	16,127	18,832	20,397
Middle East	14,069	18,620	18,513	18,681	14,813	15,021
North Africa	11,499	13,506	12,688	16,323	13,329	13,883
Sub-Saharan Africa	2,485	2,923	2,931	3,049	3,115	2,996
East Asia	57,214	68,314	79,228	100,469	115,789	116,074
South Asia	27,995	21,661	23,185	21,193	17,520	17,573
Southeast Asia	3,718	3,466	3,892	5,582	4,837	5,107
Oceania	4,978	4,861	5,123	6,520	6,833	7,220
Others	341	367	388	430	430	476
Total	176,768	193,839	216,087	241,882	253,700	252,824

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.

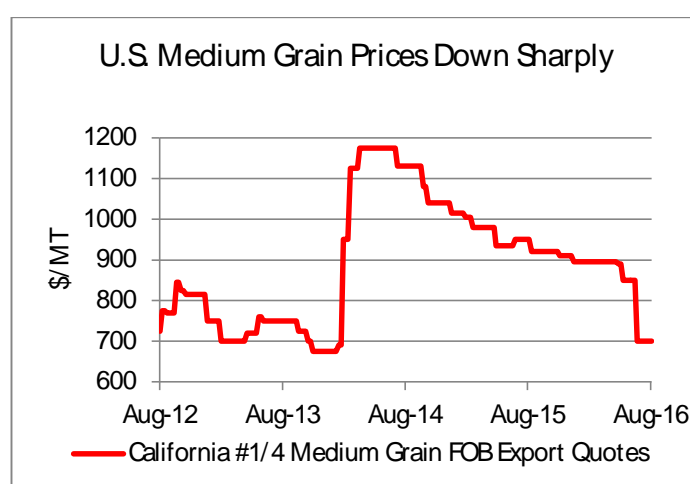
RICE: WORLD MARKETS AND TRADE

OVERVIEW

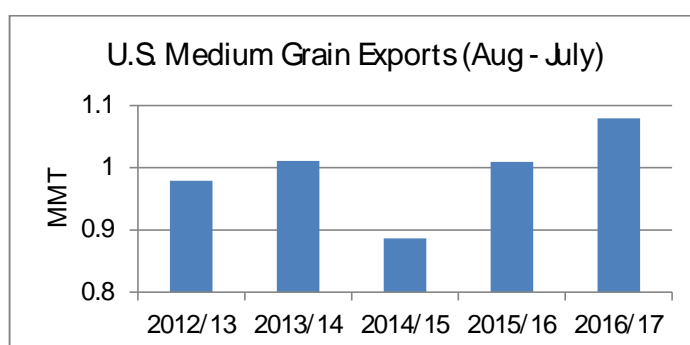
For 2016/17, global production is down slightly. U.S. production is lowered fractionally but remains a record. The global trade forecast is raised marginally this month, but is still declining for the third consecutive year. The U.S. season-average farm price for all rice is lowered \$0.80/cwt to \$10.90/cwt.

For 2015/16, production is up marginally this month as a larger crop in Indonesia more than offsets smaller crops in Vietnam and Afghanistan. Consumption is down, primarily in India where ending stock estimates have been raised. Trade is down slightly. The U.S. season-average farm price remains at \$12.30/cwt.

PRICES



Since early 2014, U.S. medium grain prices have been exceptionally high, as reflected in export quotes from California, the largest producing state. The California drought conditions significantly reduced planted area in recent years. However, in late June, USDA National Agricultural Services reported sharply higher planted area in California. Since then, the medium grain quotes have declined significantly. Prices this low have not been observed in more than 2 years. With competitive pricing, a large California crop, and a smaller medium grain crop in Australia, U.S. medium grain exports are forecast at the highest in 5 years.



Selected Exporters

- **India's** exports are boosted 300,000 tons to 9.3 million for 2016 on a strong pace of shipments to date. Exports are also raised 300,000 tons to 8.8 million for 2017 with more exportable supplies.
- **Vietnam's** exports are lowered 500,000 tons to 6.4 million for 2016, based on a smaller crop and lower demand from South East Asia. Exports are also lowered 200,000 tons to 6.8 million for 2017, based on reduced competitiveness.

Selected Importers

- **Afghanistan's** imports are raised 100,000 tons to 220,000 for 2016 and are up 120,000 tons to 240,000 for 2017 in response to lower production.
- **Bangladesh's** imports are down 100,000 tons to 150,000 for 2017 on the application of a higher import tariff.
- **Cote d'Ivoire's** imports are lifted by 250,000 tons to 1.3 million for 2016 and by 300,000 tons to 1.2 million for 2017 on strong demand for imports, especially from Thailand and India.
- **EU's** imports are raised 150,000 tons to 1.8 million for both 2016 and 2017, as suppliers under the Everything But Arms provisions remain competitive.
- **Indonesia's** imports are lowered 350,000 tons to 1.5 million for 2016 as better-than-expected production reduces need for imports.
- **Iran's** imports are lowered by 100,000 tons to 1.1 million for 2017 on prospects of a larger crop.
- **Iraq's** imports are reduced by 100,000 tons to 1.1 million for 2016 on slow government purchases to date.
- **Madagascar's** imports are cut 100,000 tons to 250,000 for 2016 on sluggish shipments to date and are also trimmed 100,000 tons to 300,000 for 2017 on reduced consumption.

World Rice Trade
January/ December Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 Jul	2016/ 17 Aug
TY Exports						
Argentina	526	494	310	500	600	550
Australia	460	404	323	180	200	250
Brazil	830	852	895	700	800	800
Burma	1,163	1,688	1,735	1,650	1,750	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	200	200	200
European Union	203	284	251	270	260	280
Guyana	346	502	536	540	540	540
India	10,480	11,588	11,046	9,300	8,500	8,800
Pakistan	4,126	3,700	4,000	4,500	4,250	4,250
Paraguay	365	380	371	480	470	470
Thailand	6,722	10,969	9,779	9,800	9,000	9,000
Uruguay	939	957	718	850	840	840
Vietnam	6,700	6,325	6,606	6,400	7,000	6,800
Others	1,116	1,081	1,090	1,161	1,100	1,100
Subtotal	36,198	41,217	39,322	37,781	36,860	36,980
United States	3,295	2,947	3,355	3,450	3,650	3,650
World Total	39,493	44,164	42,677	41,231	40,510	40,630
TY Imports						
Angola	430	500	450	450	475	475
Brazil	712	586	363	750	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	1,150	1,250	900	1,200
Cuba	413	377	575	530	510	510
European Union	1,375	1,556	1,786	1,750	1,600	1,750
Ghana	725	590	500	650	600	650
Haiti	416	387	447	470	440	490
Indonesia	650	1,225	1,350	1,500	1,250	1,250
Iran	2,220	1,400	1,300	1,100	1,150	1,050
Iraq	1,294	1,080	1,009	1,050	1,150	1,100
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	684	719	700	750	750
Mozambique	500	590	560	550	560	560
Nepal	340	510	529	500	550	550
Nigeria	2,400	3,200	2,200	2,100	1,900	1,900
Philippines	1,000	1,800	2,000	1,500	1,500	1,500
Saudi Arabia	1,326	1,459	1,600	1,550	1,550	1,550
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
Yemen	432	440	520	400	420	420
Others	11,491	13,445	11,420	10,849	11,104	11,049
Subtotal	35,767	40,367	38,824	37,944	37,284	37,629
Unaccounted	3,051	3,042	3,095	2,522	2,451	2,226
United States	675	755	758	765	775	775
World Total	39,493	44,164	42,677	41,231	40,510	40,630

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 Jul	2016/ 17 Aug
Milled Production						
Bangladesh	33,820	34,390	34,500	34,500	34,550	34,515
Brazil	8,037	8,300	8,465	7,125	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	36,200	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	27,500	28,500	28,500
Others	39,151	40,446	40,532	40,436	41,623	41,530
Subtotal	466,147	472,322	471,598	464,711	473,453	473,325
United States	6,348	6,117	7,106	6,107	7,779	7,758
World Total	472,495	478,439	478,704	470,818	481,232	481,083
Consumption and Residual						
Bangladesh	34,500	34,900	35,100	35,200	35,200	35,000
Brazil	7,850	7,900	7,925	7,800	7,950	7,950
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	144,500	145,000	144,500
Egypt	4,050	4,000	4,000	3,950	3,950	3,950
India	94,031	98,710	98,233	94,266	98,600	97,500
Indonesia	38,127	38,500	38,300	38,100	38,100	38,000
Japan	8,351	8,380	8,600	8,600	8,700	8,700
Korea, South	4,489	4,422	4,197	4,374	4,334	4,334
Nepal	3,353	3,811	3,716	3,600	3,650	3,650
Nigeria	5,300	5,600	5,400	5,250	5,100	5,100
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	21,800	21,800	21,900
Others	59,066	61,201	61,519	61,739	62,821	63,081
Subtotal	461,730	474,505	473,878	469,745	476,245	474,445
United States	3,779	3,977	4,301	3,853	4,382	4,382
World Total	465,509	478,482	478,179	473,598	480,627	478,827
Ending Stocks						
China	49,832	53,102	57,436	63,206	68,606	69,906
India	25,440	22,757	17,766	17,500	11,666	16,200
Indonesia	6,476	5,501	4,111	3,711	2,911	3,561
Japan	2,857	3,007	2,821	2,494	2,089	2,089
Korea, South	780	899	1,406	1,827	1,901	1,901
Philippines	1,487	1,695	2,210	1,960	2,160	2,160
Thailand	12,808	11,899	10,570	6,070	3,220	3,220
Others	12,972	13,880	16,418	13,492	12,945	12,992
Subtotal	112,652	112,740	112,738	110,260	105,498	112,029
United States	1,156	1,025	1,552	1,250	1,806	1,737
World Total	113,808	113,765	114,290	111,510	107,304	113,766

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	Jul 2016/ 17	Aug 2016/ 17
TY Imports						
North America	1,776	1,800	1,839	1,825	1,890	1,890
Caribbean	971	901	1,173	1,160	1,110	1,160
South America	1,833	1,814	1,679	1,877	1,827	1,862
Other Europe	125	132	128	135	140	140
Former Soviet Union - 12	557	626	569	501	531	531
Middle East	7,252	6,711	6,462	6,050	6,355	6,205
North Africa	487	485	391	450	405	405
Sub-Saharan Africa	11,567	12,627	10,774	11,220	10,850	11,090
East Asia	5,349	6,045	6,686	6,636	6,631	6,631
South Asia	722	2,566	1,692	960	960	980
Southeast Asia	3,606	5,023	5,674	5,330	4,960	4,960
Others	2,197	2,392	2,515	2,565	2,400	2,550
Total	36,442	41,122	39,582	38,709	38,059	38,404
Production						
North America	6,479	6,248	7,285	6,267	7,952	7,931
Caribbean	974	1,054	1,104	996	1,005	1,005
South America	15,852	16,384	16,365	15,091	16,588	16,409
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	1,205	1,230
Middle East	2,251	2,450	2,443	2,392	2,505	2,613
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	151,497	153,450	153,318
Southeast Asia	115,490	116,867	115,367	111,126	115,071	115,071
Others	1,495	1,330	1,207	811	1,116	1,166
Total	472,495	478,439	478,704	470,818	481,232	481,083
Domestic Consumption						
North America	4,977	5,215	5,539	5,098	5,627	5,637
Central America	1,171	1,200	1,203	1,242	1,293	1,293
Caribbean	1,954	1,992	2,136	2,142	2,156	2,201
South America	14,341	14,572	14,602	14,622	14,746	14,683
European Union - 28	3,250	3,250	3,350	3,450	3,420	3,500
Former Soviet Union - 12	1,579	1,605	1,524	1,540	1,541	1,551
Middle East	8,989	9,190	9,232	8,950	9,060	9,010
North Africa	4,572	4,480	4,379	4,320	4,320	4,320
Sub-Saharan Africa	24,741	26,176	26,032	26,165	26,479	26,684
East Asia	157,459	159,414	160,566	160,374	161,259	160,759
South Asia	137,462	143,386	143,430	139,513	144,070	142,793
Southeast Asia	101,694	102,863	103,157	103,286	103,781	103,781
Others	707	708	556	530	535	535
Total	462,896	474,051	475,706	471,232	478,287	476,747
Ending Stocks						
North America	1,345	1,180	1,713	1,383	1,986	1,901
Central America	186	210	233	230	239	228
Caribbean	289	264	263	271	225	240
South America	1,586	1,854	2,074	1,301	1,616	1,518
European Union - 28	1,188	1,163	1,210	1,305	1,178	1,301
Middle East	2,004	1,864	1,775	1,242	1,047	1,025
North Africa	427	610	924	854	739	739
Sub-Saharan Africa	2,229	2,033	2,141	1,923	1,503	1,434
East Asia	53,832	57,296	61,919	67,763	72,892	74,152
South Asia	26,819	25,008	21,490	20,492	14,376	18,962
Southeast Asia	23,486	21,876	20,157	14,552	11,329	12,077
Oceania	238	241	223	53	63	63
Others	179	166	168	141	111	126
Total	113,808	113,765	114,290	111,510	107,304	113,766

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 raised to a record with larger crops in Argentina, India, and the United States more than offsetting reductions for Canada and the EU. U.S. production is forecast up based on a record yield. Global trade is higher with larger projected imports for Brazil, Canada, the EU, Mexico, and the United States and smaller imports for Indonesia. Forecast exports are raised for Argentina and the United States, but lowered for Brazil and the EU. The U.S. season-average farm price is forecast 25 cents lower to a midpoint of \$3.15 per bushel.

For **2015/16**, global corn production is nearly unchanged as larger crops for the EU and South Africa offset a reduced crop in Brazil. Trade is up slightly with larger imports for Brazil, Mexico, and the United States more than offsetting a reduction for Indonesia. Exports are raised for Canada, Ukraine, and the United States, but lowered for Argentina. The U.S. season-average farm price is lowered 5 cents to a midpoint of \$3.60 per bushel.

SELECTED COUNTRIES: SUPPLY AND DEMAND CHANGES

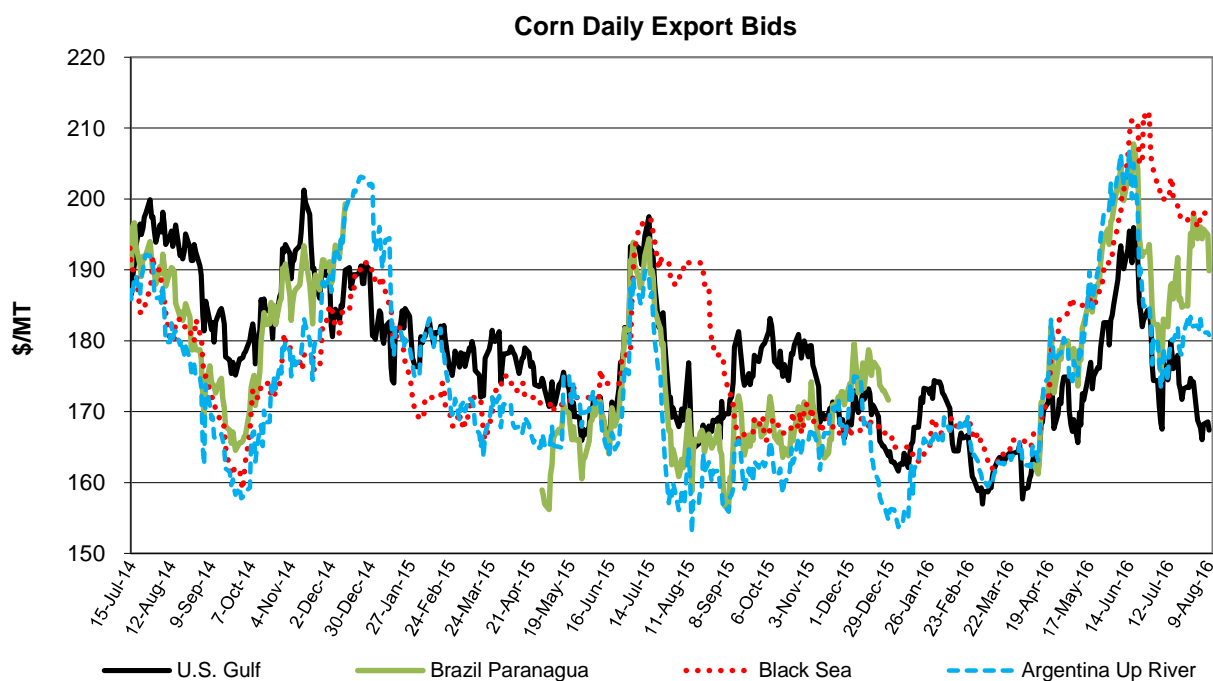
Argentina's 2016/17 corn production is now forecast at a record 36.5 million tons, up 2.5 million tons from last month. Based on the projected abundant supplies, 2016/17 marketing year (Mar 2017-Feb 2018) exports are forecast up 1.0 million tons to a record 24.0 million. Argentina's trade year (Oct 2016-Sep 2017) exports, which only partially overlap with its marketing year, are projected 500,000 tons higher to a record 23.5 million tons. Additionally, corn feeding is forecast up slightly and ending stocks are projected to grow. Beginning stocks for 2016/17 are also projected higher based on a reduced forecast for 2015/16 exports. Argentina's forecast exports for 2015/16 (both marketing and trade year) are reduced based on a relatively slow pace of exports and competition from lower-priced U.S. corn.

Coming off a drought year, **Indian** corn production for 2016/17 is forecast to rebound to 24.5 million tons, up 1.5 million from last month. With a projected record crop, 2016/17 imports are halved to 100,000 tons, while exports are raised slightly to 700,000 tons. With relatively high internal prices, exports are expected to be uncompetitive. Feed use is forecast to be higher with continued strong demand from the poultry sector. Ending stocks are expected to rebound.

Indonesia depends on corn imports to satisfy feed demand. For 2016/17, corn imports are lowered 800,000 tons to 2.2 million due to a lack of Ministry of Trade regulations for the administration of import licenses, creating uncertainty for importers, as well as a plan to eliminate all corn imports. With lower projected imports, feed use is forecast to be lower, but still up from the prior year. Indonesia's 2015/16 imports were similarly reduced by 1.0 million to 2.1 million, also lowering feed use. For both years, some of the reduction in corn use will be offset by larger imports of feed-quality wheat.

PRICES

Since the release of the July WASDE report, FOB quotes for South American exporters rose slightly. Brazil's quotes are up \$13/ton to \$190 based on further reductions in reported second crop yields and strong domestic demand. Argentina's quotes are up \$7/ton to \$181 based on delays in harvesting and exporting its crop. Black Sea quotes are down \$2/ton to \$198. U.S. quotes remain the most competitive at \$167/ton, pressured by favorable crop ratings and expectations for a higher yield.



TRADE CHANGES IN 2016/17

Selected Exporters

- U.S. corn** is boosted 3.0 million tons to 55.0 million reflecting competitive prices on larger projected supplies as well as reduced competition from Brazil.
- Argentine corn** is up 500,000 tons to 23.5 million on greater supplies.
- Brazilian corn** is slashed 1.0 million tons to 19.5 million based on a reduced crop and strong domestic demand.
- EU corn** is cut 500,000 tons to 2.0 million on a smaller crop.

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- **Indian corn** is up 200,000 tons to 700,000 on increased supplies.
 - **Australian barley** is boosted 200,000 tons to 6.2 million with a larger projected crop.
 - **EU barley** is slashed 1.0 million tons to 8.0 million on a reduced crop. **Imports** are raised 200,000 tons to 300,000 reflecting the fast pace of import licenses issued.
 - **Kazakhstan barley** is boosted 200,000 tons to 900,000 on greater supplies.
 - **Russian barley** is up 800,000 tons to 4.8 million with a larger crop and expected strong demand from the Middle East and North Africa.
 - **Ukrainian barley** is raised 500,000 tons to 4.5 million on greater supplies.
 - **U.S. sorghum** is up 800,000 tons to 6.3 million on larger supplies and reduced competition from Argentina and Australia.
 - **Argentine sorghum** is reduced 300,000 tons to 800,000 on a smaller crop.

Selected Importers

- **U.S. corn** is raised 250,000 tons to 1.3 million on expectations of continued demand for organic corn.
- **Brazilian corn** is boosted 400,000 tons to 1.1 million on tightening supplies.
- **Canadian corn** is raised 500,000 tons to 1.5 million to offset a smaller projected crop.
- **EU corn** is up 1.0 million tons to 12.0 million to partly offset reduced barley feeding.
- **Indonesian corn** is lowered 800,000 tons to 2.2 million reflecting delays in issuance of licenses and permits.
- **Mexico corn** is raised 500,000 tons to 13.5 million on expected feed demand.
- **Moroccan barley** is up 300,000 tons to 1.0 million on expectations of continued demand.
- **Chinese sorghum** is up 500,000 tons to 5.5 million reflecting continued demand.

TRADE CHANGES IN 2015/16

Selected Exporters

- U.S. corn** is raised 1.0 million tons to 49.5 million reflecting continued robust sales and shipments.
- Argentine corn** is lowered 1.5 million tons to 19.0 million due to the slow pace of shipments.
- Canadian corn** is raised 650,000 tons to 1.7 million on trade to date.
- EU corn** is boosted 200,000 tons to 1.8 million on trade to date.
- Ukrainian corn** is up 400,000 tons to 16.4 million on trade to date.
- EU barley** is raised 400,000 tons to 10.3 million on trade to date.
- Ukrainian barley** is boosted 400,000 tons to 4.2 million on strong demand from North Africa and the Middle East.
- U.S. sorghum** is up 400,000 tons to 8.2 million on steady demand from China.

Selected Importers

- Brazilian corn** is boosted 600,000 tons to 1.8 million due to tightening supplies.
- Indonesian corn** is lowered 1.0 million tons to 2.1 million based on import restrictions.
- Mexican corn** is up 500,000 tons to 13.5 million on the continued fast pace of purchases from the United States.
- Algerian barley** is boosted 300,000 tons to 900,000 with larger purchases from the EU.
- Chinese sorghum** is up 400,000 tons to 7.2 million on trade to date.

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

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 Jul	2016/ 17 Aug
TY Exports						
Argentina	29,497	16,630	21,003	22,705	26,105	26,205
Australia	6,416	7,009	7,291	6,525	7,375	7,475
Brazil	26,078	22,059	21,954	33,035	20,530	19,530
Canada	4,658	5,482	3,597	4,650	3,750	3,750
European Union	8,943	7,841	15,067	12,492	11,855	10,355
Paraguay	2,861	2,718	3,031	2,715	2,315	2,315
Russia	4,366	7,074	9,155	8,270	8,610	9,360
Serbia	605	1,799	3,001	1,740	2,260	2,260
South Africa	2,412	2,127	770	715	1,325	1,325
Ukraine	15,527	24,125	24,208	20,820	21,130	21,630
Others	10,279	11,215	7,999	7,065	6,955	7,355
Subtotal	111,642	108,079	117,076	120,732	112,210	111,560
United States	20,586	56,776	56,423	58,005	57,835	61,635
World Total	132,228	164,855	173,499	178,737	170,045	173,195
TY Imports						
Algeria	3,289	4,946	4,863	5,030	5,025	5,025
Brazil	1,238	1,184	1,023	2,255	1,100	1,500
Canada	522	714	1,710	1,135	1,065	1,590
Chile	1,327	1,621	1,707	1,925	2,050	2,050
China	5,603	12,445	25,699	17,510	12,200	12,700
Colombia	4,090	4,795	4,747	4,870	4,840	4,840
Egypt	5,097	8,775	7,940	8,580	8,855	8,855
European Union	11,778	16,355	9,146	13,520	11,355	12,530
Indonesia	2,719	3,513	3,381	2,100	3,000	2,200
Iran	4,800	6,600	8,100	7,400	7,100	7,100
Israel	1,564	2,073	1,603	1,690	1,810	1,810
Japan	17,742	17,501	16,726	16,945	16,900	16,900
Jordan	1,406	1,672	1,459	1,500	1,675	1,675
Korea, South	8,265	10,499	10,245	10,390	10,090	10,090
Malaysia	3,048	3,485	3,238	3,500	3,600	3,600
Mexico	7,624	11,312	11,570	14,475	13,975	14,475
Morocco	1,832	2,858	2,217	3,000	3,000	3,300
Peru	2,404	2,336	2,863	2,825	2,835	2,835
Saudi Arabia	12,390	11,332	11,115	13,310	13,505	13,505
South Africa	92	235	687	2,950	2,650	2,680
Taiwan	4,413	4,346	3,949	4,400	4,200	4,300
Tunisia	1,608	1,449	1,524	1,850	1,900	1,900
Turkey	1,922	1,977	2,719	985	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	14,754	17,451	18,547	19,607	19,731	19,656
Subtotal	123,281	156,401	165,911	170,452	162,466	165,121
Unaccounted	2,432	5,131	4,293	4,405	4,354	4,599
United States	6,515	3,323	3,295	3,880	3,225	3,475
World Total	132,228	164,855	173,499	178,737	170,045	173,195

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 Jul	2016/ 17 Aug
Production						
Argentina	37,246	35,665	35,732	36,909	41,889	43,489
Australia	11,414	12,158	12,605	12,437	13,164	13,664
Brazil	84,253	82,603	87,669	70,677	82,963	82,963
Canada	24,445	28,745	21,992	25,660	24,315	24,315
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	170,855	152,408	159,861	156,806
India	39,910	43,216	43,081	37,750	41,700	43,200
Indonesia	8,500	9,100	9,000	9,300	9,600	9,600
Mexico	28,881	32,065	32,689	31,389	31,925	32,225
Nigeria	18,573	19,292	19,015	17,950	18,500	18,500
Russia	28,658	35,735	40,386	37,427	39,375	40,500
South Africa	12,873	15,518	11,110	7,478	13,583	13,558
Turkey	10,595	13,090	9,425	14,275	10,925	10,925
Ukraine	29,528	40,022	39,389	33,387	36,225	37,050
Others	145,578	148,085	159,025	152,446	154,522	154,790
Subtotal	851,120	912,993	928,069	881,258	916,997	920,035
United States	285,311	367,089	377,234	366,902	385,403	402,529
World Total	1,136,431	1,280,082	1,305,303	1,248,160	1,302,400	1,322,564
Domestic Consumption						
Argentina	12,050	13,695	14,232	14,331	15,439	15,639
Brazil	55,803	58,028	60,023	58,654	61,243	61,268
Canada	20,338	22,347	21,288	21,788	22,130	22,245
China	209,671	223,546	229,059	239,385	245,150	245,650
Egypt	12,910	14,080	14,809	15,703	16,008	16,008
European Union	153,341	164,401	162,555	157,204	160,295	160,445
India	35,075	37,600	40,400	39,520	41,150	41,650
Iran	10,520	11,320	12,020	13,520	14,220	14,220
Japan	17,830	17,570	16,933	17,246	17,211	17,211
Mexico	36,195	40,935	42,075	43,515	44,915	45,615
Nigeria	18,700	19,350	18,950	18,150	18,500	18,500
Russia	25,134	28,619	31,139	29,840	30,775	30,850
Saudi Arabia	10,925	11,550	12,025	13,350	14,125	14,125
Turkey	13,005	13,430	13,055	14,430	13,280	13,280
Ukraine	14,661	15,977	15,430	13,825	14,530	14,675
Others	219,027	227,835	240,729	238,670	244,096	243,556
Subtotal	859,121	927,407	960,533	935,980	981,573	985,772
United States	275,537	305,044	311,339	312,512	321,345	326,045
World Total	1,134,658	1,232,451	1,271,872	1,248,492	1,302,918	1,311,817
Ending Stocks						
Argentina	2,471	3,169	3,285	3,763	3,313	4,913
Brazil	9,560	14,259	8,213	5,656	6,311	6,321
China	68,377	82,651	102,019	111,879	104,549	104,599
European Union	13,055	15,565	18,846	15,050	13,339	13,586
Iran	4,654	5,094	7,234	7,274	6,514	6,514
Mexico	1,542	3,487	4,860	6,209	6,094	6,494
Saudi Arabia	3,415	3,912	3,500	4,000	3,820	3,820
Others	37,427	49,213	50,189	43,643	41,364	43,853
Subtotal	140,501	177,350	198,146	197,474	185,304	190,100
United States	23,531	34,313	46,948	47,288	56,794	65,409
World Total	164,032	211,663	245,094	244,762	242,098	255,509

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Jul 2016/ 17	Aug 2016/ 17
TY Imports						
North America	14,661	15,349	16,575	19,490	18,265	19,540
Central America	2,470	2,923	3,460	3,850	3,610	3,635
Caribbean	2,327	2,330	2,444	2,460	2,560	2,560
South America	11,812	13,182	13,353	14,160	13,375	13,775
European Union - 28	11,778	16,355	9,146	13,520	11,355	12,530
Former Soviet Union - 12	728	807	730	685	705	705
Middle East	25,078	26,614	27,869	27,945	29,025	29,025
North Africa	13,046	19,521	18,229	20,060	20,280	20,580
Sub-Saharan Africa	2,742	3,632	4,603	7,296	7,290	7,320
East Asia	36,176	44,865	56,676	49,315	43,470	44,070
Southeast Asia	7,961	12,814	14,736	13,970	14,175	13,375
Others	1,017	1,332	1,385	1,581	1,581	1,481
Total	129,796	159,724	169,206	174,332	165,691	168,596
Production						
North America	338,637	427,899	431,915	423,951	441,643	459,069
South America	136,025	131,844	136,783	121,131	138,651	140,219
European Union - 28	146,188	159,212	170,855	152,408	159,861	156,806
Other Europe	6,570	8,813	10,649	8,946	9,973	9,973
Former Soviet Union - 12	68,222	87,758	91,599	82,761	88,031	90,281
Middle East	18,769	21,774	17,888	23,382	19,972	19,972
North Africa	10,155	11,556	11,073	12,516	9,639	9,639
Sub-Saharan Africa	103,534	102,584	108,311	93,259	103,950	103,925
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	52,028
Southeast Asia	29,158	31,003	31,088	31,507	33,273	33,273
Oceania	12,082	12,805	13,273	13,144	13,804	14,304
Others	4,833	5,050	4,514	4,431	4,716	4,716
Total	1,136,431	1,280,082	1,305,303	1,248,160	1,302,400	1,322,564
Domestic Consumption						
North America	332,070	368,326	374,702	377,815	388,390	393,905
South America	89,796	94,375	96,989	95,888	100,389	100,589
European Union - 28	153,341	164,401	162,555	157,204	160,295	160,445
Other Europe	7,100	7,707	8,036	8,237	8,292	8,292
Former Soviet Union - 12	50,225	55,686	58,148	55,293	57,176	57,396
Middle East	43,027	45,892	45,706	50,097	50,487	50,487
North Africa	24,941	27,987	30,177	32,004	31,538	31,588
Sub-Saharan Africa	103,220	102,314	109,803	101,920	104,990	104,990
East Asia	242,831	257,690	262,977	273,797	279,237	279,837
South Asia	42,704	46,167	49,321	48,810	50,634	51,134
Southeast Asia	35,787	38,943	41,558	43,505	45,916	44,916
Oceania	6,107	5,764	5,846	6,334	6,249	6,549
Others	9,573	10,075	10,243	10,739	10,819	10,854
Total	1,140,722	1,225,327	1,256,061	1,261,643	1,294,412	1,300,982
Ending Stocks						
North America	28,097	42,448	55,150	57,371	66,497	75,687
South America	15,559	21,435	14,724	12,619	12,924	14,174
European Union - 28	13,055	15,565	18,846	15,050	13,339	13,586
Other Europe	631	751	1,064	845	1,163	1,163
Former Soviet Union - 12	4,983	7,029	7,435	4,709	5,158	5,764
Middle East	10,118	11,911	12,873	13,923	12,363	12,363
North Africa	3,553	5,666	5,514	5,896	4,317	4,367
Sub-Saharan Africa	9,049	9,559	11,258	8,181	8,825	9,241
East Asia	71,678	86,663	105,873	115,766	108,228	108,328
South Asia	2,408	4,099	5,301	2,930	2,710	3,410
Southeast Asia	3,230	4,472	4,465	4,832	3,799	4,429
Oceania	902	1,115	1,624	1,699	1,824	2,024
Others	769	950	967	941	951	973
Total	164,032	211,663	245,094	244,762	242,098	255,509

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 Jul	2016/ 17 Aug
TY Exports						
Argentina	22,789	12,846	18,448	19,000	23,000	23,500
Brazil	26,044	22,041	21,909	33,000	20,500	19,500
Burma	550	700	850	900	950	950
European Union	2,194	2,404	4,026	1,800	2,500	2,000
Mexico	522	501	784	1,000	800	800
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	16,400	17,000	17,000
Others	9,708	10,451	5,582	5,580	4,400	4,600
Subtotal	82,284	79,739	81,195	87,180	79,450	78,650
United States	18,262	50,691	46,831	49,500	52,000	55,000
World Total	100,546	130,430	128,026	136,680	131,450	133,650
TY Imports						
Algeria	2,918	4,156	4,116	4,100	4,100	4,100
Brazil	869	846	534	1,800	700	1,100
Canada	492	678	1,533	1,000	1,000	1,500
Chile	844	1,456	1,516	1,700	1,800	1,800
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	13,200	11,000	12,000
Indonesia	2,719	3,513	3,381	2,100	3,000	2,200
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	15,000	15,000	15,000
Korea, South	8,174	10,406	10,168	10,300	10,000	10,000
Malaysia	3,048	3,485	3,238	3,500	3,600	3,600
Mexico	5,676	10,949	11,269	13,500	13,000	13,500
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	4,300	4,100	4,200
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
Zimbabwe	700	600	700	800	1,400	1,400
Others	12,859	16,587	19,450	17,711	15,650	15,575
Subtotal	94,865	125,959	124,670	131,911	127,625	129,250
Unaccounted	1,416	3,744	2,547	3,119	2,825	3,150
United States	4,265	727	809	1,650	1,000	1,250
World Total	100,546	130,430	128,026	136,680	131,450	133,650

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 Jul	2016/ 17 Aug
Production						
Argentina	27,000	26,000	28,700	28,000	34,000	36,500
Brazil	81,500	80,000	85,000	68,500	80,000	80,000
Canada	13,060	14,194	11,487	13,600	12,500	12,000
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	75,840	59,083	63,831	62,104
India	22,258	24,259	24,170	21,000	23,000	24,500
Indonesia	8,500	9,100	9,000	9,300	9,600	9,600
Mexico	21,591	22,880	25,480	25,000	24,200	24,500
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	7,000	13,000	13,000
Ukraine	20,922	30,900	28,450	23,333	26,000	26,000
Others	91,579	94,580	97,335	96,125	94,779	94,779
Subtotal	596,543	639,518	652,528	614,239	641,410	643,483
United States	273,192	351,272	361,091	345,486	369,333	384,916
World Total	869,735	990,790	1,013,619	959,725	1,010,743	1,028,399
Total Consumption						
Argentina	7,900	8,800	9,300	9,300	10,400	10,600
Brazil	52,500	55,000	57,000	56,000	58,000	58,000
Canada	11,604	12,675	12,820	12,900	13,400	13,300
China	200,000	208,000	202,000	217,500	226,000	226,000
Egypt	12,000	13,200	13,900	14,750	15,050	15,050
European Union	69,846	76,796	77,880	72,714	73,300	73,700
India	17,500	19,600	22,300	22,200	22,800	23,300
Indonesia	10,900	11,900	12,200	11,300	12,600	11,600
Japan	14,300	15,000	14,600	15,100	15,100	15,100
Korea, South	8,481	9,891	10,250	10,350	10,100	10,100
Mexico	27,000	31,700	34,450	36,200	36,300	37,000
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	152,492	157,632	156,807	158,658	158,793
Subtotal	601,804	655,821	678,869	659,754	700,629	703,861
United States	262,973	292,958	301,792	298,887	308,625	313,069
World Total	864,777	948,779	980,661	958,641	1,009,254	1,016,930
Ending Stocks						
Argentina	1,308	1,408	1,909	2,114	2,219	4,019
Brazil	9,150	13,972	7,842	5,342	5,942	5,942
China	67,570	81,315	100,464	110,674	103,604	103,654
European Union	5,146	6,891	9,471	7,240	5,306	5,644
Indonesia	1,040	1,741	1,666	1,746	1,296	1,926
Iran	3,236	4,476	5,816	5,656	5,096	5,096
Mexico	975	2,603	4,118	5,418	5,218	5,618
Others	24,006	31,603	32,999	27,826	26,855	27,717
Subtotal	112,431	144,009	164,285	166,016	155,536	159,616
United States	20,859	31,292	43,974	43,327	52,852	61,196
World Total	133,290	175,301	208,259	209,343	208,388	220,812

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Jul 2016/ 17	Aug 2016/ 17
TY Imports						
North America	10,433	12,354	13,611	16,150	15,000	16,250
Central America	2,470	2,922	3,460	3,850	3,610	3,635
South America	9,651	12,027	12,040	12,750	12,150	12,550
European Union - 28	11,362	16,014	8,646	13,200	11,000	12,000
Former Soviet Union - 12	322	448	498	425	420	420
Middle East	10,944	13,812	15,338	13,920	14,625	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	6,226	6,635	6,635
East Asia	29,681	33,057	34,219	32,820	30,180	30,280
Southeast Asia	7,943	12,768	14,722	13,955	14,160	13,360
Caribbean	2,327	2,330	2,444	2,460	2,560	2,560
Others	751	979	1,106	1,205	1,235	1,135
Total	99,130	126,686	125,479	133,561	128,625	130,500
Production						
North America	307,843	388,346	398,058	384,086	406,033	421,416
South America	120,997	117,456	125,140	107,959	125,395	127,895
European Union - 28	59,142	64,931	75,840	59,083	63,831	62,104
Other Europe	4,915	7,210	8,945	7,176	8,179	8,179
Former Soviet Union - 12	32,310	46,916	43,801	40,422	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	54,383	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	32,070
Central America	3,743	3,893	3,366	3,300	3,560	3,560
Southeast Asia	28,893	30,721	30,794	31,212	32,983	32,983
Others	1,377	1,320	1,441	1,377	1,337	1,337
Total	869,735	990,790	1,013,619	959,725	1,010,743	1,028,399
Domestic Consumption						
North America	301,577	337,333	349,062	347,987	358,325	363,369
South America	78,981	83,551	86,376	85,345	89,105	89,305
European Union - 28	69,846	76,796	77,880	72,714	73,300	73,700
Other Europe	5,194	5,847	6,122	6,285	6,290	6,290
Former Soviet Union - 12	18,080	21,130	21,482	20,975	22,265	22,265
Middle East	18,710	19,785	21,810	22,955	23,835	23,835
North Africa	18,450	20,800	22,100	23,150	23,675	23,675
Sub-Saharan Africa	60,006	62,418	63,855	61,312	60,438	60,438
East Asia	229,234	239,185	233,237	249,445	257,655	257,755
South Asia	23,980	26,982	30,007	30,150	30,970	31,470
Southeast Asia	35,509	38,654	41,224	43,200	45,610	44,610
Central America	6,175	6,650	6,690	7,070	7,100	7,135
Others	3,556	3,581	3,979	3,920	3,865	3,865
Total	869,298	942,712	963,824	974,508	1,002,433	1,007,712
Ending Stocks						
North America	23,383	35,495	49,494	50,247	59,272	68,016
South America	13,628	19,022	12,664	10,368	11,116	12,563
European Union - 28	5,146	6,891	9,471	7,240	5,306	5,644
Other Europe	384	505	860	661	990	990
Former Soviet Union - 12	1,948	3,368	3,023	1,885	2,235	2,235
Middle East	4,286	6,035	7,300	7,248	6,401	6,401
North Africa	1,771	3,117	3,306	2,897	2,463	2,463
Sub-Saharan Africa	6,589	7,534	8,782	6,484	6,891	7,334
East Asia	70,378	84,856	103,925	114,208	106,971	107,071
South Asia	1,744	3,005	3,935	2,260	1,930	2,630
Southeast Asia	3,225	4,466	4,459	4,826	3,799	4,429
Central America	474	610	587	649	667	689
Others	334	397	453	370	347	347
Total	133,290	175,301	208,259	209,343	208,388	220,812

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 Jul	2016/ 17 Aug
TY Exports						
Argentina	3,647	2,829	1,599	2,800	2,000	1,900
Australia	4,622	6,261	5,266	5,200	6,000	6,200
Canada	1,316	1,714	1,384	1,300	1,400	1,400
European Union	6,501	4,926	10,642	10,300	9,000	8,000
India	546	546	97	100	200	200
Kazakhstan	151	501	476	800	700	900
Russia	2,366	2,791	5,807	3,800	4,000	4,800
Serbia	26	18	37	40	60	60
Ukraine	2,659	3,827	4,332	4,200	4,000	4,500
Uruguay	107	36	43	25	50	50
Others	58	42	129	65	75	75
Subtotal	21,999	23,491	29,812	28,630	27,485	28,085
United States	163	336	291	275	300	300
World Total	22,162	23,827	30,103	28,905	27,785	28,385
TY Imports						
Algeria	364	778	723	900	900	900
Azerbaijan	14	78	103	100	100	100
Brazil	369	337	489	450	400	400
China	2,183	4,891	9,859	7,000	6,000	6,000
Colombia	232	253	249	300	285	285
European Union	53	58	269	125	100	300
Iran	1,100	1,100	1,900	1,900	1,600	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	850	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	900	700	1,000
Peru	103	87	122	100	110	110
Saudi Arabia	10,200	8,500	8,200	9,800	10,000	10,000
Syria	300	100	100	100	200	200
Tunisia	762	456	483	650	700	700
Turkey	266	596	332	80	400	400
United Arab Emirates	541	468	394	500	400	400
Others	1,139	1,047	1,238	1,076	981	1,036
Subtotal	21,213	23,040	28,470	27,656	26,626	27,181
Unaccounted	518	264	1,203	829	759	804
United States	431	523	430	420	400	400
World Total	22,162	23,827	30,103	28,905	27,785	28,385

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 Jul	2016/ 17 Aug
Production						
Algeria	1,500	1,500	1,300	1,300	1,000	1,000
Argentina	5,000	4,750	2,900	4,900	3,400	3,000
Australia	7,472	9,174	8,646	8,593	9,000	9,400
Belarus	1,917	1,674	1,988	2,000	2,100	2,100
Canada	8,012	10,237	7,119	8,225	8,100	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	60,662	61,519	62,762	61,116
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	3,000
Russia	13,952	15,389	20,026	17,083	17,750	19,000
Turkey	5,500	7,300	4,000	7,400	4,750	4,750
Ukraine	6,935	7,561	9,450	8,751	9,100	9,700
Others	9,055	10,667	9,537	11,306	8,947	8,890
Subtotal	124,015	139,569	137,911	143,962	140,259	141,106
United States	4,768	4,719	3,953	4,666	3,979	4,129
World Total	128,783	144,288	141,864	148,628	144,238	145,235
Total Consumption						
Algeria	2,000	2,050	2,050	2,150	2,050	2,050
Australia	3,000	2,800	3,000	3,000	2,900	3,000
Belarus	2,000	1,800	2,000	2,000	2,100	2,100
Canada	6,809	7,720	6,472	6,935	6,750	6,965
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	51,900	53,900	53,400
India	1,525	1,200	1,400	1,520	1,550	1,550
Iran	4,300	4,500	4,600	5,300	5,600	5,600
Kazakhstan	1,375	2,000	2,000	2,000	2,050	2,050
Morocco	1,900	2,300	2,700	3,450	2,650	2,700
Russia	12,100	12,700	14,100	13,600	13,800	14,000
Saudi Arabia	8,325	8,625	8,525	9,725	10,325	10,325
Turkey	6,200	6,950	5,350	6,900	5,500	5,500
Ukraine	5,100	5,000	4,700	4,700	4,800	4,900
Others	15,524	16,980	16,839	17,365	17,164	17,164
Subtotal	126,429	136,022	137,363	143,449	141,933	142,193
United States	4,638	4,775	4,235	4,314	4,419	4,419
World Total	131,067	140,797	141,598	147,763	146,352	146,612
Ending Stocks						
Algeria	1,217	1,178	1,304	1,354	1,154	1,204
Australia	536	693	1,120	1,213	1,213	1,413
Canada	983	1,950	1,217	1,457	1,592	1,667
European Union	5,044	5,621	5,924	5,343	5,488	5,359
Iran	1,418	618	1,418	1,618	1,418	1,418
Saudi Arabia	3,006	3,396	3,081	3,466	3,351	3,351
Ukraine	872	971	1,265	951	1,126	1,256
Others	5,549	7,648	7,092	7,364	5,696	5,903
Subtotal	18,625	22,075	22,421	22,766	21,038	21,571
United States	1,750	1,791	1,711	2,231	1,899	2,049
World Total	20,375	23,866	24,132	24,997	22,937	23,620

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Jul 2016/ 17	Aug 2016/ 17
TY Imports						
North America	499	640	781	720	625	650
South America	1,064	886	1,169	1,120	955	955
European Union - 28	53	58	269	125	100	300
Other Europe	126	163	120	115	155	155
Former Soviet Union - 12	378	352	226	255	280	280
Middle East	13,906	12,537	12,480	13,965	14,355	14,355
North Africa	1,884	2,432	2,581	3,425	3,200	3,500
Sub-Saharan Africa	52	116	138	90	90	120
East Asia	3,668	6,320	11,080	8,225	7,225	7,225
South Asia	6	13	24	26	16	16
Oceania	8	46	32	10	25	25
Total	21,644	23,563	28,900	28,076	27,026	27,581
Production						
North America	13,812	15,550	11,918	13,643	12,814	13,364
South America	5,884	5,737	3,784	5,876	4,700	4,268
European Union - 28	54,875	59,674	60,662	61,519	62,762	61,116
Other Europe	1,188	1,151	1,223	1,287	1,307	1,307
Former Soviet Union - 12	25,958	29,162	35,565	32,338	33,550	35,700
Middle East	9,689	12,047	8,653	12,858	10,068	10,068
North Africa	3,307	4,748	4,010	5,394	2,508	2,508
Sub-Saharan Africa	2,283	2,376	2,523	2,482	2,600	2,575
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	9,052	9,030	9,400	9,800
Total	128,783	144,288	141,864	148,628	144,238	145,235
Domestic Consumption						
North America	12,347	13,245	11,557	12,174	12,094	12,309
South America	3,152	3,528	3,413	3,715	3,653	3,653
European Union - 28	51,000	53,400	50,900	51,900	53,900	53,400
Other Europe	1,298	1,298	1,354	1,374	1,409	1,409
Former Soviet Union - 12	22,339	23,460	24,724	24,330	24,790	25,090
Middle East	22,435	24,410	22,277	25,771	25,216	25,216
North Africa	5,560	6,230	7,159	7,903	6,908	6,958
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	2,049	2,088	2,088
Oceania	3,425	3,250	3,450	3,450	3,325	3,425
Total	131,521	141,025	142,496	145,884	145,683	145,848
Ending Stocks						
North America	3,014	3,974	3,326	4,088	3,876	4,101
South America	657	816	716	1,054	903	774
European Union - 28	5,044	5,621	5,924	5,343	5,488	5,359
Other Europe	220	205	166	146	141	141
Former Soviet Union - 12	2,194	2,605	3,406	2,100	2,244	2,720
Middle East	5,736	5,788	5,514	6,631	5,913	5,913
North Africa	1,715	2,480	2,138	2,924	1,774	1,824
Sub-Saharan Africa	330	338	442	374	439	429
East Asia	736	1,038	1,060	793	655	655
South Asia	141	253	266	280	240	240
Oceania	588	748	1,174	1,264	1,264	1,464
Total	20,375	23,866	24,132	24,997	22,937	23,620

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 Jul	2016/ 17 Aug
TY Exports						
Argentina	3,059	953	954	900	1,100	800
Australia	1,430	410	1,700	1,000	1,000	900
Brazil	2	11	13	30	25	25
Ethiopia	75	75	75	25	25	25
India	231	88	121	50	50	50
Nigeria	50	50	100	50	100	100
Ukraine	124	229	156	130	50	50
Others	191	217	170	142	140	140
Subtotal	5,162	2,033	3,289	2,327	2,490	2,090
United States	2,136	5,714	9,269	8,200	5,500	6,300
World Total	7,298	7,747	12,558	10,527	7,990	8,390
TY Imports						
Chile	404	109	98	150	150	150
China	631	4,161	10,162	7,200	5,000	5,500
Colombia	591	104	0	65	50	50
Ethiopia	50	50	75	150	50	50
European Union	291	184	131	120	150	150
Japan	1,897	1,003	903	780	730	730
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	100	100
Others	676	692	416	595	395	395
Subtotal	6,616	6,759	12,133	10,235	7,475	7,975
Unaccounted	439	985	398	182	490	390
United States	243	3	27	110	25	25
World Total	7,298	7,747	12,558	10,527	7,990	8,390

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 Jul	2016/ 17 Aug
Production						
Argentina	4,700	4,400	3,500	3,375	3,900	3,400
Australia	2,230	1,282	2,209	2,037	2,200	2,200
Brazil	2,102	1,890	2,055	1,170	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	6,754	6,902	6,987
Subtotal	51,316	50,977	54,038	44,762	53,652	53,237
United States	6,293	9,966	10,988	15,158	10,668	12,057
World Total	57,609	60,943	65,026	59,920	64,320	65,294
Total Consumption						
Argentina	2,300	2,700	2,800	2,800	2,950	2,950
Australia	1,080	905	505	1,105	1,105	1,205
Brazil	2,300	2,000	2,000	1,200	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
Chad	1,150	850	900	850	900	900
China	3,200	6,800	12,900	10,300	8,300	8,800
Ethiopia	3,700	3,900	4,100	2,900	3,650	3,650
India	5,150	5,200	5,100	5,000	5,400	5,400
Mali	1,200	950	1,200	1,300	1,300	1,300
Mexico	8,100	8,300	6,600	6,200	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	10,252	8,689	8,745	8,257	8,231	8,181
Subtotal	52,647	55,569	62,740	54,893	59,214	59,626
United States	4,796	4,130	2,459	6,097	5,079	5,334
World Total	57,443	59,699	65,199	60,990	64,293	64,960
Ending Stocks						
Argentina	781	1,202	971	846	496	396
Australia	185	172	246	178	273	273
Brazil	272	152	194	139	188	214
China	326	568	706	581	471	471
Mexico	285	647	338	388	488	488
Niger	225	270	271	196	221	221
Sudan	588	357	723	306	401	401
Others	1,740	1,799	1,941	1,261	1,357	1,367
Subtotal	4,402	5,167	5,390	3,895	3,895	3,831
United States	385	864	468	893	1,173	1,291
World Total	4,787	6,031	5,858	4,788	5,068	5,122

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Jul 2016/ 17	Aug 2016/ 17
TY Imports						
North America	2,036	165	56	810	725	725
South America	1,071	240	114	260	240	240
European Union - 28	291	184	131	120	150	150
Other Europe	0	0	0	0	0	0
Middle East	194	232	23	40	15	15
North Africa	1	41	1	5	5	5
Sub-Saharan Africa	587	558	647	930	515	515
East Asia	2,650	5,281	11,142	8,035	5,785	6,285
Southeast Asia	18	46	14	15	15	15
Others	11	15	32	130	50	50
Total	6,859	6,762	12,160	10,345	7,500	8,000
Production						
North America	12,467	18,466	17,258	20,708	17,568	18,957
Central America	339	335	335	335	335	335
Caribbean	92	94	94	94	94	94
South America	7,495	7,081	6,404	5,387	6,777	6,277
European Union - 28	473	703	883	731	775	735
Middle East	814	789	691	535	635	635
North Africa	763	754	755	755	755	755
Sub-Saharan Africa	24,708	22,472	27,678	21,345	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	2,209	2,037	2,200	2,200
Others	209	354	224	191	100	225
Total	57,609	60,943	65,026	59,920	64,320	65,294
Domestic Consumption						
North America	12,896	12,430	9,059	12,297	12,579	12,834
Central America	325	325	330	340	335	335
Caribbean	92	94	94	94	94	94
South America	6,076	5,757	5,785	5,002	5,907	5,907
European Union - 28	795	880	995	860	920	870
Middle East	1,052	894	865	590	645	645
North Africa	756	793	755	755	755	755
Sub-Saharan Africa	24,914	23,137	27,630	22,866	26,339	26,339
East Asia	5,221	7,951	13,911	11,110	9,090	9,590
South Asia	5,283	5,334	5,235	5,275	5,580	5,580
Southeast Asia	68	64	95	65	66	66
Oceania	1,080	905	505	1,105	1,105	1,205
Others	80	75	75	75	75	75
Total	58,638	58,639	65,334	60,434	63,490	64,295
Ending Stocks						
North America	670	1,511	806	1,281	1,661	1,779
Central America	30	33	38	28	23	23
South America	1,146	1,468	1,238	1,063	777	703
European Union - 28	5	18	23	9	17	19
Middle East	65	47	39	24	29	29
North Africa	66	68	69	74	79	79
Sub-Saharan Africa	2,073	1,647	2,001	1,295	1,467	1,450
East Asia	413	627	736	638	525	525
South Asia	109	364	593	143	193	193
Oceania	185	172	246	178	273	273
Others	25	76	69	55	24	49
Total	4,787	6,031	5,858	4,788	5,068	5,122

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 Jul	2016/ 17 Aug
TY Exports						
Argentina	2	2	2	5	5	5
Australia	240	270	270	250	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	2,260	2,370	2,370
United States	18	29	29	25	30	30
World Total	1,794	2,399	2,413	2,285	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	160	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	515	555	555
Unaccounted	52	92	170	270	245	245
United States	1,355	1,866	1,767	1,500	1,600	1,600
World Total	1,794	2,399	2,413	2,285	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 Jul	2016/ 17 Aug
Production						
Algeria	110	110	110	110	110	110
Argentina	496	445	525	553	500	500
Australia	1,121	1,255	1,198	1,308	1,500	1,600
Belarus	422	352	522	400	400	400
Brazil	361	380	351	740	650	650
Canada	2,830	3,906	2,979	3,430	3,200	3,300
Chile	680	610	421	470	475	475
China	600	580	600	600	600	600
European Union	7,909	8,380	7,833	7,498	8,175	8,119
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	4,700
Turkey	210	210	210	210	210	210
Ukraine	630	467	610	498	500	550
Others	315	318	296	329	334	334
Subtotal	20,227	22,555	21,477	21,240	21,759	22,153
United States	892	938	1,019	1,300	1,112	1,116
World Total	21,119	23,493	22,496	22,540	22,871	23,269
Total Consumption						
Algeria	119	118	126	140	135	135
Argentina	500	425	525	550	500	500
Australia	925	950	950	1,000	1,150	1,250
Belarus	400	375	500	400	400	400
Brazil	350	375	345	725	640	640
Canada	1,592	1,660	1,673	1,650	1,650	1,650
Chile	600	570	355	375	400	400
China	675	700	750	785	850	850
European Union	7,700	8,075	7,730	7,480	7,800	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	4,600
Turkey	215	215	215	215	215	215
Ukraine	600	475	600	430	430	450
Others	451	491	471	524	529	529
Subtotal	19,217	20,254	20,082	19,853	20,121	20,341
United States	2,743	2,757	2,447	2,701	2,697	2,698
World Total	21,960	23,011	22,529	22,554	22,818	23,039
Ending Stocks						
Argentina	49	67	65	63	58	58
Australia	60	105	93	151	201	201
Canada	446	1,054	681	871	736	836
China	139	135	147	122	72	72
European Union	901	894	782	575	762	699
Russia	203	230	289	196	186	286
Ukraine	81	67	38	36	36	66
Others	202	179	182	204	198	204
Subtotal	2,081	2,731	2,277	2,218	2,249	2,422
United States	527	359	780	825	848	851
World Total	2,608	3,090	3,057	3,043	3,097	3,273

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Jul 2016/ 17	Aug 2016/ 17
TY Imports						
North America	1,472	1,986	1,865	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	210	250	250
Oceania	0	0	0	0	0	0
Total	1,742	2,307	2,243	2,015	2,155	2,155
Production						
North America	3,806	4,935	4,091	4,817	4,402	4,506
South America	1,577	1,478	1,325	1,804	1,667	1,667
European Union - 28	7,909	8,380	7,833	7,498	8,175	8,119
Other Europe	365	348	369	372	375	375
Former Soviet Union - 12	5,285	6,062	6,631	5,675	5,681	5,931
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	1,233	1,342	1,530	1,630
Total	21,119	23,493	22,496	22,540	22,871	23,269
Domestic Consumption						
North America	4,530	4,602	4,295	4,541	4,537	4,538
South America	1,515	1,447	1,285	1,721	1,612	1,612
European Union - 28	7,700	8,075	7,730	7,480	7,800	7,800
Other Europe	474	434	434	447	456	456
Former Soviet Union - 12	5,531	6,031	6,531	5,681	5,606	5,726
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	835	900	900
Oceania	943	978	985	1,034	1,180	1,280
Total	21,885	22,791	22,532	22,255	22,611	22,832
Ending Stocks						
North America	974	1,417	1,467	1,699	1,587	1,690
South America	128	129	106	134	128	134
European Union - 28	901	894	782	575	762	699
Other Europe	27	41	38	38	32	32
Former Soviet Union - 12	332	346	397	296	286	416
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	93	151	201	201
Total	2,608	3,090	3,057	3,043	3,097	3,273

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 Jul	2016/ 17 Aug
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	50
Ukraine	16	59	13	20	10	10
Others	1	1	1	0	0	0
Subtotal	421	446	396	335	415	365
United States	7	6	3	5	5	5
World Total	428	452	399	340	420	370
TY Imports						
European Union	68	96	96	70	100	75
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	160
Unaccounted	7	46	-25	5	35	10
United States	221	204	262	200	200	200
World Total	428	452	399	340	420	370

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 Jul	2016/ 17 Aug
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	8,873	7,831	8,160	8,549
Russia	2,132	3,360	3,279	2,084	2,500	2,300
Turkey	370	365	300	350	350	350
Ukraine	676	638	475	394	350	375
Others	146	126	144	122	138	138
Subtotal	13,546	15,563	14,253	11,867	12,698	12,912
United States	166	194	183	292	311	311
World Total	13,712	15,757	14,436	12,159	13,009	13,223
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	8,500
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	2,250
Turkey	375	350	325	350	350	350
Ukraine	625	625	475	400	350	350
Others	132	140	102	97	112	112
Subtotal	13,146	14,766	13,947	12,174	12,540	12,715
United States	387	424	406	513	525	525
World Total	13,533	15,190	14,353	12,687	13,065	13,240
Ending Stocks						
Belarus	167	160	172	167	112	112
Canada	46	44	42	44	79	79
European Union	795	1,204	1,395	1,036	926	1,010
Kazakhstan	3	8	4	4	4	4
Russia	153	344	264	128	183	133
Turkey	18	33	14	14	14	14
Ukraine	166	128	106	80	70	95
Others	7	4	3	2	1	1
Subtotal	1,355	1,925	2,000	1,475	1,389	1,448
United States	10	7	15	12	22	22
World Total	1,365	1,932	2,015	1,487	1,411	1,470

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Jul 2016/ 17	Aug 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	75
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	360
Production						
North America	503	417	401	517	636	636
South America	47	59	105	70	83	83
European Union - 28	8,763	10,151	8,873	7,831	8,160	8,549
Other Europe	46	53	52	51	52	52
Former Soviet Union - 12	3,940	4,689	4,682	3,315	3,700	3,525
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	14,436	12,159	13,009	13,223
Domestic Consumption						
North America	514	531	540	636	665	665
South America	47	59	105	70	83	83
European Union - 28	8,700	9,650	8,600	8,100	8,200	8,500
Other Europe	78	77	66	71	77	77
Former Soviet Union - 12	3,675	4,415	4,640	3,412	3,600	3,500
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	12,705	13,059	13,259
Ending Stocks						
North America	56	51	57	56	101	101
South America	0	0	0	0	0	0
European Union - 28	795	1,204	1,395	1,036	926	1,010
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	489	640	546	379	369	344
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	2,015	1,487	1,411	1,470

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.



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European 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								
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	156.9	6.0	35.4	55.0	124.7	12.7
2015/16	26.8	6.0	160.0	6.7	33.8	60.0	129.9	15.7
2016/17	26.9	5.5	147.5	6.0	27.0	59.0	129.3	12.9
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	5.6	170.9	9.0	14.0	121.4	162.6	18.8
2015/16	30.3	5.0	152.4	13.7	12.7	116.5	157.2	15.1
2016/17	30.3	5.2	156.8	12.5	10.4	119.5	160.4	13.6
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	327.8	14.9	49.4	176.4	287.3	31.6
2015/16	57.1	5.5	312.4	20.4	46.5	176.5	287.1	30.8
2016/17	57.2	5.3	304.3	18.5	37.4	178.5	289.7	26.5

China: 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								
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	3.5	0.7	10.5	112.0	97.0
2016/17	24.3	5.3	130.0	3.5	0.8	15.0	117.0	112.7
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	17.5	0.0	167.3	239.4	111.9
2016/17	38.1	5.9	225.7	12.7	0.0	170.4	245.7	104.6
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	21.0	0.8	177.8	351.4	208.9
2016/17	62.4	5.7	355.7	16.2	0.8	185.4	362.7	217.3

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	4.5	4.1	1.9	1.3	1.1	4.8	0.9
2014/15	1.0	4.0	3.9	1.8	0.7	1.1	4.9	1.1
2015/16	0.9	4.5	4.1	1.9	1.0	1.2	4.9	1.2
2016/17	1.0	4.7	4.6	1.8	1.1	1.4	5.1	1.3
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	0.8	1.8	6.9	8.2	0.8
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	4.5	12.9	2.7	3.1	7.4	12.5	1.7
2014/15	2.8	5.1	14.6	2.5	3.7	7.8	12.9	2.2
2015/16	2.7	4.8	13.0	2.8	2.8	8.1	13.1	2.0
2016/17	2.8	5.1	14.6	2.7	3.3	8.3	13.4	2.5

Former Soviet 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								
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	25.5	21.6	71.7	14.2
2013/14	47.7	2.2	103.9	7.5	37.3	22.7	72.8	15.6
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.9	20.0
2015/16	49.0	2.4	117.7	7.5	51.2	25.7	77.9	16.1
2016/17	48.8	2.7	129.9	7.3	53.1	27.3	79.8	20.4
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	82.8	0.7	30.9	40.3	55.3	4.7
2016/17	28.3	3.2	90.3	0.7	32.5	42.0	57.4	5.8

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	7.6	2.1	6.9	2.6
2016/17	11.0	1.4	15.0	0.1	8.0	2.1	6.9	2.7
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	25.5	14.0	37.0	5.6
2016/17	26.6	2.7	72.0	0.5	30.0	15.5	38.5	9.6
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	17.2	4.5	12.5	2.8
2016/17	6.5	4.2	27.0	0.1	14.5	4.5	12.5	2.9
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	2.7	0.2	2.3	9.4	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	0.5	2.9	12.0	2.9
2014/15	3.4	2.6	8.8	4.5	0.4	3.5	12.7	3.1
2015/16	3.4	2.5	8.5	4.0	0.7	2.9	12.2	2.6
2016/17	3.3	2.6	8.7	4.2	0.4	3.0	12.4	2.7
Total Former Soviet Union - 12								
2013/14	47.7	2.2	103.9	7.5	37.3	22.7	72.8	15.6
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.9	20.0
2015/16	49.0	2.4	117.7	7.5	51.2	25.7	77.9	16.1
2016/17	48.8	2.7	129.9	7.3	53.1	27.3	79.8	20.4

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	1.4	3.0	0.0	0.9	1.8	2.1	0.2
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	8.0	2.4	19.0	0.1	4.8	9.2	14.0	1.0
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	4.4	3.2	4.7	1.0
2016/17	3.1	3.2	9.7	0.0	4.5	3.4	4.9	1.3
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	1.3	2.7	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	32.3	0.3	9.6	16.9	24.3	2.1
2016/17	14.6	2.4	35.7	0.3	10.3	17.6	25.1	2.7

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	2.8	5.0	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	16.4	6.7	8.0	0.8
2016/17	4.3	6.1	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	3.2	3.1	0.3	0.2	3.0	3.3	0.7
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	7.9	5.1	40.4	0.4	21.0	18.4	21.0	1.9
2016/17	8.1	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	13.9	0.0	5.3	0.3	6.4	4.8
2015/16	3.8	3.0	11.3	0.0	9.1	0.1	6.2	0.9
2016/17	4.8	3.0	14.4	0.0	8.0	0.1	6.3	1.0
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	12.4	1.9	23.9	0.2	16.6	3.8	7.2	4.8
2015/16	12.8	1.9	24.5	0.2	16.0	3.8	7.2	6.3
2016/17	12.8	2.1	26.5	0.2	18.5	4.0	7.5	7.0
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	22.0	3.4	8.6	4.6
2016/17	9.3	3.2	30.0	0.5	21.5	3.6	8.8	4.7
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	156.9	6.0	35.4	55.0	124.7	12.7
2015/16	26.8	6.0	160.0	6.7	33.8	60.0	129.9	15.7
2016/17	26.9	5.5	147.5	6.0	27.0	59.0	129.3	12.9
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	7.6	2.1	6.9	2.6
2016/17	11.0	1.4	15.0	0.1	8.0	2.1	6.9	2.7
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	25.5	14.0	37.0	5.6
2016/17	26.6	2.7	72.0	0.5	30.0	15.5	38.5	9.6

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	17.2	4.5	12.5	2.8
2016/17	6.5	4.2	27.0	0.1	14.5	4.5	12.5	2.9
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	95.4	3.4	321.0	7.6	121.1	81.8	201.6	44.1
2015/16	97.2	3.3	325.5	8.3	131.2	87.9	208.3	38.4
2016/17	97.9	3.4	332.4	7.3	127.5	88.8	209.8	40.8

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	3.5	8.0	28.0	0.0	18.5	6.0	9.3	2.1
2016/17	4.5	8.1	36.5	0.0	24.0	6.8	10.6	4.0
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	4.3	68.5	2.5	17.5	47.5	56.0	5.3
2016/17	15.8	5.1	80.0	0.6	22.0	49.0	58.0	5.9
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	3.2	0.0	153.5	217.5	110.7
2016/17	36.0	6.1	218.0	1.0	0.0	159.0	226.0	103.7
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	6.2	11.7	2.4
2015/16	2.2	3.2	7.0	3.5	0.7	5.7	11.0	1.2
2016/17	3.2	4.1	13.0	0.5	1.5	5.6	11.3	1.9
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	200.2	280.0	112.6
2015/16	59.8	5.5	328.1	9.2	36.7	212.7	293.8	119.3
2016/17	59.5	5.8	347.5	2.1	47.5	220.4	305.9	115.5

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	4.1	2.1	8.6	0.0	5.2	1.7	3.0	1.1
2015/16	4.1	2.1	8.6	0.0	5.5	1.7	3.0	1.2
2016/17	4.1	2.3	9.4	0.0	6.2	1.7	3.0	1.4
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	1.2	5.7	6.9	1.5
2016/17	2.4	3.6	8.5	0.1	1.4	5.7	7.0	1.7
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	60.7	0.1	9.5	35.5	50.9	5.9
2015/16	12.2	5.0	61.5	0.3	10.5	36.5	51.9	5.3
2016/17	12.5	4.9	61.1	0.3	8.0	38.0	53.4	5.4

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	4.5	3.4	0.0	0.7	2.4	2.8	0.8
2016/17	0.8	4.5	3.4	0.0	0.9	2.6	3.0	0.4
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	3.0	2.2	0.0	1.6	0.5	0.5	0.2
2015/16	0.7	3.0	2.0	0.0	1.0	1.1	1.1	0.2
2016/17	0.7	3.1	2.2	0.0	0.9	1.2	1.2	0.3

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	4,117	3,964	23,517	22,999	3,107	31,335	20,477
2015/16	19,058	3	nr	55,840	3,073	3,056	21,094	21,856	3,673	31,589	26,707
2016/17	17,844	4	nr	63,156	3,130	3,100	25,855	25,500	8,981	37,204	29,934
Corn											
2014/15	33,644	11	nr	361,091	804	809	47,421	46,831	134,982	301,792	43,974
2015/16	32,678	11	nr	345,486	1,651	1,650	48,897	49,500	132,086	298,887	43,327
2016/17	35,026	11	nr	384,916	1,270	1,250	55,248	55,000	144,152	313,069	61,196
Sorghum											
2014/15	2,590	4	nr	10,988	10	27	8,935	9,269	2,078	2,459	468
2015/16	3,177	5	nr	15,158	127	110	8,763	8,200	2,540	6,097	893
2016/17	2,613	5	nr	12,057	25	25	6,350	6,300	2,286	5,334	1,291
Barley											
2014/15	1,011	4	nr	3,953	513	430	311	291	936	4,235	1,711
2015/16	1,258	4	nr	4,666	403	420	235	275	992	4,314	2,231
2016/17	1,043	4	nr	4,129	435	400	327	300	1,089	4,419	2,049
Oats											
2014/15	419	2	nr	1,019	1,876	1,767	27	29	1,330	2,447	780
2015/16	516	3	nr	1,300	1,475	1,500	29	25	1,582	2,701	825
2016/17	471	2	nr	1,116	1,637	1,600	29	30	1,565	2,698	851
Rye											
2014/15	104	2	nr	183	237	262	6	3	164	406	15
2015/16	146	2	nr	292	223	200	5	5	267	513	12
2016/17	179	2	nr	311	230	200	6	5	277	525	22
Rice, Milled											
2014/15	1,187	8	10,079	7,106	783	758	3,061	3,355	nr	4,301	1,552
2015/16	1,042	8	8,724	6,107	762	765	3,318	3,450	nr	3,853	1,250
2016/17	1,291	9	11,083	7,758	762	775	3,651	3,650	nr	4,382	1,737

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	Productio n	TY Exports	Feed Dom.	Domestic Consumpti	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	685.6	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	690.4	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	713.6	1,495.7	403.2
2002/03	504.7	2.9	1,445.0	209.2	711.6	1,506.4	341.8
2003/04	511.2	2.9	1,473.0	205.8	717.9	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	758.1	1,617.3	318.5
2006/07	519.1	3.1	1,584.9	229.9	749.6	1,630.5	273.0
2007/08	534.5	3.2	1,691.9	244.7	764.2	1,675.6	289.2
2008/09	539.5	3.3	1,792.0	253.6	773.8	1,721.8	359.5
2009/10	533.6	3.4	1,804.1	254.1	782.2	1,767.6	395.9
2010/11	523.5	3.3	1,747.8	250.1	773.6	1,784.0	359.7
2011/12	537.8	3.4	1,853.4	287.1	807.8	1,853.3	359.8
2012/13	532.1	3.4	1,794.7	279.5	807.6	1,813.7	340.8
2013/14	540.5	3.7	1,995.0	327.4	861.3	1,930.3	405.5
2014/15	546.1	3.7	2,033.2	335.3	884.4	1,977.5	461.2
2015/16	545.3	3.6	1,983.0	349.5	897.8	1,957.5	486.6
2016/17	543.4	3.8	2,066.0	342.9	937.0	2,044.3	508.3

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	Productio n	TY Exports	Feed Dom.	Domestic Consumpti	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	216.9	2.8	611.7	116.0	104.6	617.3	128.0
2008/09	224.1	3.1	683.7	143.2	124.0	642.8	168.9
2009/10	225.6	3.0	687.0	135.3	122.3	653.0	202.9
2010/11	216.9	3.0	649.3	134.1	116.8	653.9	198.4
2011/12	220.9	3.2	696.9	153.7	148.7	697.7	197.6
2012/13	215.8	3.1	658.3	147.3	138.2	679.1	176.8
2013/14	219.6	3.3	715.0	162.5	126.6	697.9	193.8
2014/15	221.5	3.3	727.9	161.8	131.6	705.6	216.1
2015/16	224.7	3.3	734.8	170.8	135.7	709.0	241.9
2016/17	220.8	3.4	743.4	169.7	146.5	732.5	252.8
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	573.2	869.0	203.5
1997/98	308.8	2.9	880.4	85.8	579.4	866.7	217.1
1998/99	301.0	3.0	890.8	96.7	575.9	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	589.2	885.1	212.3
2001/02	297.2	3.0	896.3	100.4	601.5	909.0	199.5
2002/03	290.9	3.0	875.3	102.7	595.5	902.5	172.3
2003/04	303.3	3.0	917.7	102.3	616.2	946.8	143.1
2004/05	299.0	3.4	1,016.2	101.2	645.4	980.0	179.4
2005/06	300.0	3.3	981.3	108.4	640.4	995.6	165.1
2006/07	306.8	3.2	988.2	114.5	636.5	1,013.9	139.4
2007/08	317.6	3.4	1,080.2	128.7	659.6	1,058.3	161.2
2008/09	315.4	3.5	1,108.3	110.4	649.7	1,079.0	190.6
2009/10	308.0	3.6	1,117.0	118.8	659.9	1,114.7	193.0
2010/11	306.6	3.6	1,098.5	116.0	656.8	1,130.1	161.4
2011/12	316.9	3.6	1,156.5	133.4	659.1	1,155.6	162.3
2012/13	316.3	3.6	1,136.4	132.2	669.3	1,134.7	164.0
2013/14	320.9	4.0	1,280.1	164.9	734.7	1,232.5	211.7
2014/15	324.6	4.0	1,305.3	173.5	752.7	1,271.9	245.1
2015/16	320.6	3.9	1,248.2	178.7	762.1	1,248.5	244.8
2016/17	322.7	4.1	1,322.6	173.2	790.5	1,311.8	255.5

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 Corn and Barley: Supply and Demand

Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumption	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	365.2	536.8	133.3
1996/97	141.5	4.2	592.9	66.6	387.8	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	427.3	610.8	175.3
2001/02	137.1	4.4	601.8	72.7	436.3	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	445.7	649.9	104.6
2004/05	145.4	4.9	717.1	76.0	475.9	690.6	131.1
2005/06	145.4	4.8	700.9	82.5	479.5	708.5	123.5
2006/07	150.5	4.8	716.6	91.3	480.3	731.3	108.8
2007/08	160.3	5.0	795.7	98.2	501.3	776.7	127.9
2008/09	158.8	5.0	800.1	83.6	481.9	784.4	143.5
2009/10	158.4	5.2	825.2	92.7	492.7	827.8	140.9
2010/11	164.6	5.1	835.9	91.7	503.5	853.2	123.6
2011/12	172.1	5.2	889.8	103.7	508.5	885.0	128.3
2012/13	177.6	4.9	869.7	100.5	518.9	864.8	133.3
2013/14	180.3	5.5	990.8	130.4	571.9	948.8	175.3
2014/15	179.9	5.6	1,013.6	128.0	585.6	980.7	208.3
2015/16	177.4	5.4	959.7	136.7	597.0	958.6	209.3
2016/17	179.6	5.7	1,028.4	133.7	623.6	1,016.9	220.8
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	49.8	2.9	141.9	30.1	97.3	141.6	24.1
2015/16	50.1	3.0	148.6	28.9	100.4	147.8	25.0
2016/17	49.2	2.9	145.2	28.4	100.2	146.6	23.6

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	44.2	478.5	113.8
2014/15	161.0	4.4	713.7	478.7	42.7	478.2	114.3
2015/16	158.9	4.4	701.9	470.8	41.2	473.6	111.5
2016/17	161.1	4.5	717.3	481.1	40.6	478.8	113.8

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 June 2016. For further details on world grain production, please see World Agricultural Production July 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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