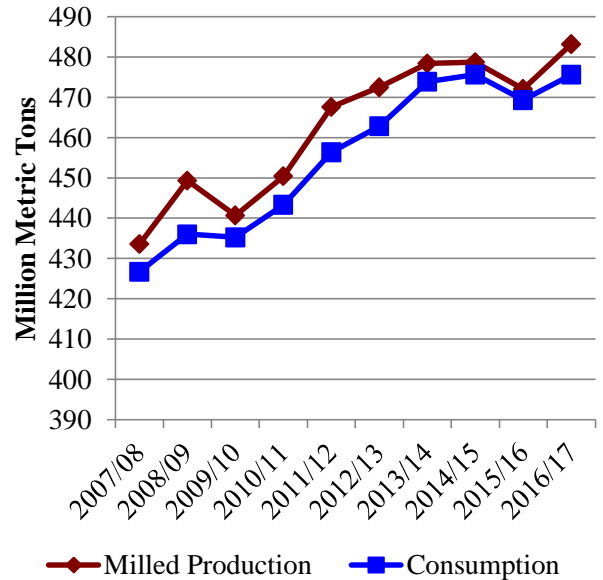
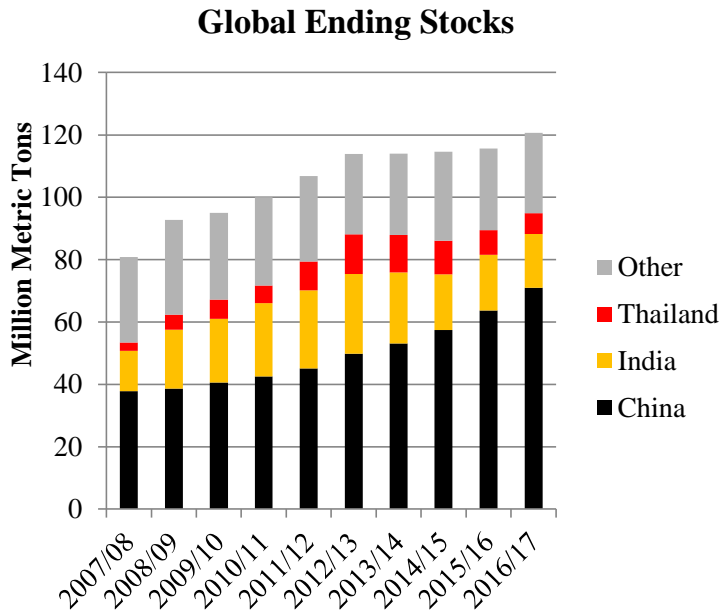




Grain: World Markets and Trade

October 2016

Global Rice Stocks Expand as Production Exceeds Consumption



Global rice stocks are forecast to expand on record production, with 2016/17 ending stocks now forecast at the highest level in over a dozen years. Production is set to hit a record 483 million tons, up over 11 million tons from the prior year. Top producers China and India are up 1 and 2 percent, respectively. In addition, production for second-largest exporter Thailand is forecast up 18 percent, while the U.S. crop is up 23 percent.

Amid the contraction in rice production for 2015/16, some food and feed consumption shifted to wheat, given its greater abundance and lower prices. Rice consumption dropped significantly, particularly in India and Thailand. Although global consumption is forecast up, record production will lead to a build-up of stocks in the current year.

The location of the stocks is significant, as they are not set to expand in all countries. Thai stocks are forecast at their lowest level in 6 years, as the Thai Government remains committed to offloading the burdensome stocks accumulated under the previous regime. Likewise, Indian stocks are forecast to decline modestly in the coming year, as consumption is expected to rebound and exports will remain robust. In contrast, with a large crop, U.S. stocks are forecast at the highest level since the mid-1980s. Overshadowing all of this is the situation in China, the world's largest producer, consumer, and importer. With consumption relatively flat and policies that favor expanded production, China is forecast to hold nearly 60 percent of global stocks by the end of 2016/17.

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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	56.1	62.9	7.1	6.1	7.5	361.1	345.5	382.5
Other		673.2	678.9	681.5	471.6	466.0	475.8	653.3	613.6	643.2
World Total		728.3	735.0	744.4	478.7	472.1	483.3	1,014.4	959.1	1,025.7
Domestic Consumption										
United States	(Jun-May)	31.3	32.0	35.3	4.3	3.5	4.2	301.8	298.8	312.4
Other		669.5	677.4	695.7	471.4	465.8	471.4	662.1	678.4	696.4
World Total		700.8	709.4	731.0	475.7	469.3	475.6	963.9	977.2	1,008.8
Ending Stocks										
United States	(Jun-May)	20.5	26.6	31.0	1.6	1.5	1.9	44.0	44.1	58.9
Other		195.6	213.1	217.4	113.0	114.1	118.8	164.9	166.0	157.9
World Total		216.1	239.7	248.4	114.6	115.6	120.7	208.9	210.1	216.8
TY Imports										
United States	(Jun-May)	4.0	3.1	3.4	0.8	0.8	0.8	0.8	1.7	1.3
Other		155.0	165.5	167.4	38.8	37.0	38.0	124.6	136.2	134.8
World Total		159.0	168.6	170.8	39.6	37.8	38.8	125.4	137.9	136.1
TY Exports										
United States	(Jun-May)	23.0	21.9	26.0	3.4	3.5	3.6	46.8	50.5	56.5
Other		138.8	150.3	147.5	39.3	36.9	37.5	81.2	92.5	82.8
World Total		161.8	172.2	173.5	42.7	40.4	41.1	128.0	143.0	139.3

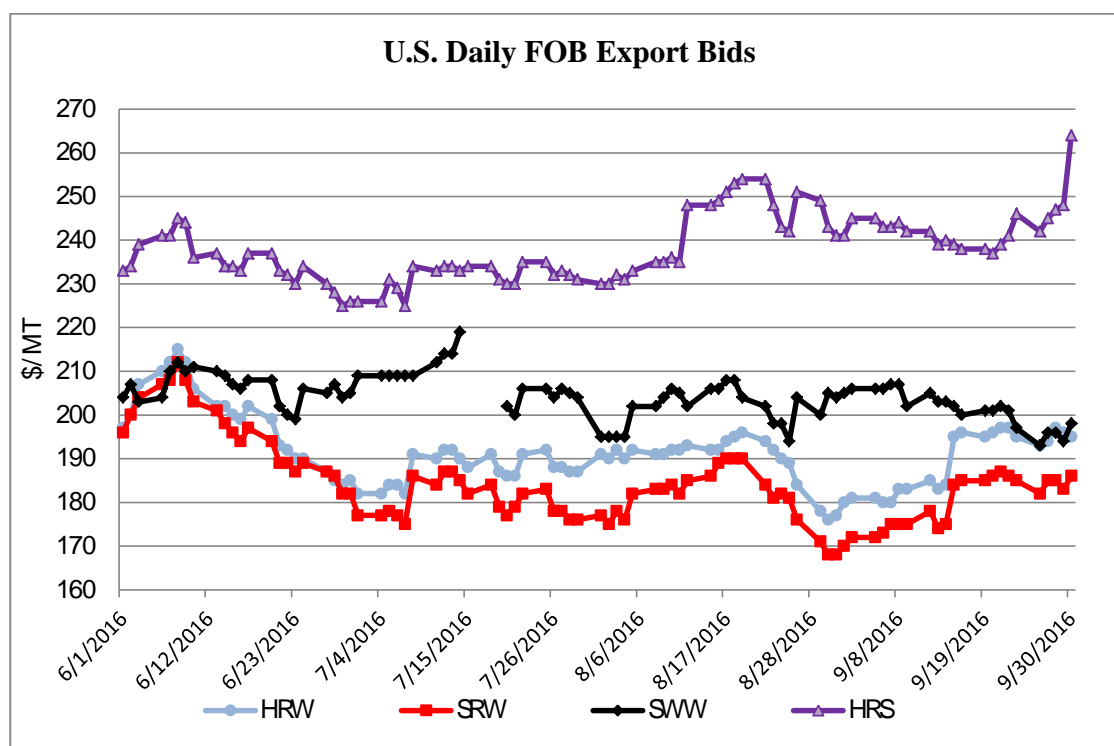
Note: Consumption in this table has not been adjusted for differences in marketing year imports and exports and therefore differs from global totals shown elsewhere. Marketing years for U.S. grains are: Wheat (Jun-May), Rice (Aug-Jul), Corn (Sep-Aug). 'Marketing Year' column is germane for U.S. wheat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

WHEAT: WORLD MARKETS AND TRADE

OVERVIEW

Global production in 2016/17 is lowered slightly but remains a record. Larger crops in Australia, Brazil, and Canada are more than offset by cuts in the EU and the United States. Global trade is raised to a new record. The upward revision is based primarily on larger projected imports for Brazil, India, and the United States. Lower import demand in Egypt is partly offsetting. Exports are raised for Australia, Canada, Ukraine, and the United States. EU exports are cut again this month due to tighter supplies. The U.S. season-average farm price is up 10 cents to \$3.70 per bushel.






U.S. PRICES:







Domestic: During September, prices for Hard Red Winter (HRW), Hard Red Spring (HRS), and Soft Red Winter (SRW) classes jumped and continue to be supported by growing uncertainty over crop quality, particularly in Australia and Canada. Overall, HRS rose \$23 to \$264/ton, HRW climbed \$15 to \$195/ton, and SRW was up \$16 to \$186/ton. Soft White Winter (SWW) ended the month down \$7 to \$198/ton.

TRADE CHANGES IN 2016/17

Selected Exporters

-  **Australia** is raised 1.0 million tons to 20.5 million based on a larger crop. Australia has become more competitive in the region as witnessed by strong sales in recent months.
-  **Canada** is up 500,000 tons to 21.5 million on larger supplies and strong early-season shipments.
-  **EU** is slashed 1.0 million tons to 25.0 million on large production cuts in major exporting countries, particularly France and Germany.
-  **Ukraine** is up 500,000 tons to 15.5 million on recent large sales, particularly to India.
-  **United States** is boosted 500,000 tons to 26.0 million on a strong early-season pace of sales and shipments.

Selected Importers

-  **Brazil** is raised 500,000 tons to 6.3 million on the strong pace of deliveries to date.
-  **Egypt** is cut 400,000 tons to 11.8 million resulting from continuing efforts to reduce corruption in segments of the wheat industry. Imports had been substituted for domestic production and this will likely be curtailed to some extent.
-  **India** is boosted 1.0 million tons to 3.0 million because the government lowered the import duty from 25 to 10 percent. Import prices are already much lower than domestic and the reduced duty should stimulate even more demand.
-  **United States** is up 300,000 tons to 3.4 million due to the strong pace to date and larger expected imports from Canada over the coming months.

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

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 Sep	2016/ 17 Oct
TY Exports						
Argentina	7,450	1,675	4,200	8,860	8,000	8,000
Australia	21,269	18,339	16,575	15,782	19,500	20,500
Brazil	1,753	81	1,688	1,063	1,500	1,500
Canada	18,584	22,156	24,877	22,141	21,000	21,500
European Union	22,786	32,032	35,418	34,677	26,000	25,000
Kazakhstan	6,801	8,000	5,507	7,600	8,500	8,500
Mexico	729	1,322	1,104	1,568	1,300	1,500
Russia	11,308	18,609	22,800	25,543	30,000	30,000
Turkey	3,583	4,293	4,134	5,609	5,600	5,600
Ukraine	7,190	9,755	11,269	17,431	15,000	15,500
Others	18,117	14,726	11,214	10,033	9,947	9,947
Subtotal	119,570	130,988	138,786	150,307	146,347	147,547
United States	27,734	31,519	22,999	21,856	25,500	26,000
World Total	147,304	162,507	161,785	172,163	171,847	173,547
TY Imports						
Afghanistan	1,600	2,050	2,000	2,700	2,700	2,700
Algeria	6,484	7,484	7,257	8,153	8,200	8,200
Bangladesh	2,725	3,354	3,915	4,693	4,700	4,700
Brazil	7,547	7,061	5,869	5,925	5,800	6,300
China	2,960	6,773	1,926	3,476	3,500	3,500
Colombia	1,507	1,733	1,627	2,032	1,900	2,000
Egypt	8,400	10,150	11,300	11,925	12,200	11,800
European Union	5,276	3,976	5,975	6,916	7,000	7,000
India	20	22	273	300	2,000	3,000
Indonesia	7,146	7,391	7,478	10,116	8,500	8,500
Iraq	3,948	3,246	2,253	2,220	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	4,805	4,400	4,600
Morocco	3,825	3,928	4,086	4,503	5,000	5,000
Nigeria	4,168	4,580	4,244	4,410	4,400	4,400
Philippines	3,620	3,476	5,055	4,850	5,000	5,000
Saudi Arabia	1,921	3,429	3,487	2,931	3,500	3,500
Sudan	1,793	2,664	2,632	2,021	2,300	2,300
Syria	963	1,603	865	965	2,300	2,300
Thailand	1,840	1,684	3,488	4,814	3,600	3,600
Turkey	3,312	4,149	5,960	4,396	5,000	5,000
Uzbekistan	1,863	2,224	2,230	2,654	2,700	2,700
Vietnam	1,671	2,157	2,296	3,069	2,700	2,700
Yemen	3,207	3,425	3,245	3,323	3,350	3,350
Others	49,684	54,020	53,259	54,240	52,061	52,161
Subtotal	141,340	155,629	155,016	165,572	165,911	167,411
Unaccounted	2,513	2,118	2,805	3,535	2,836	2,736
United States	3,451	4,760	3,964	3,056	3,100	3,400
World Total	147,304	162,507	161,785	172,163	171,847	173,547

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 Sep	2016/ 17 Oct
Production						
Argentina	9,300	10,500	13,930	11,300	14,400	14,400
Australia	22,856	25,303	23,910	24,500	27,500	28,300
Brazil	4,380	5,300	6,000	5,540	6,000	6,340
Canada	27,205	37,530	29,420	27,594	30,500	31,500
China	121,023	121,930	126,208	130,190	128,000	128,000
Egypt	8,500	8,250	8,300	8,100	8,100	8,100
European Union	133,949	144,583	156,922	160,012	145,270	143,224
India	94,882	93,506	95,850	86,530	90,000	90,000
Iran	13,800	14,500	13,000	15,000	15,500	15,500
Kazakhstan	9,841	13,941	12,996	13,748	16,500	16,500
Pakistan	23,473	24,211	25,979	25,100	25,300	25,300
Russia	37,720	52,091	59,080	61,044	72,000	72,000
Turkey	16,000	18,750	15,250	19,500	17,500	17,500
Ukraine	15,761	22,278	24,750	27,274	27,000	27,000
Uzbekistan	6,700	6,800	7,150	7,200	7,200	7,200
Others	51,615	57,469	54,361	56,267	50,922	50,717
Subtotal	597,005	656,942	673,106	678,899	681,692	681,581
United States	61,298	58,105	55,147	56,117	63,156	62,859
World Total	658,303	715,047	728,253	735,016	744,848	744,440
Total Consumption						
Algeria	9,450	9,850	10,050	10,250	10,450	10,450
Brazil	10,900	11,400	10,700	10,500	10,100	10,600
Canada	9,555	9,415	9,097	7,832	9,000	9,200
China	125,000	116,500	116,500	112,000	117,000	117,000
Egypt	18,700	18,500	19,100	19,200	19,800	19,700
European Union	119,250	117,300	124,677	130,984	129,300	128,700
India	83,824	93,848	93,122	88,641	95,100	96,100
Indonesia	6,950	7,165	7,365	9,100	9,300	9,300
Iran	16,000	17,000	17,500	18,000	18,500	18,500
Morocco	8,300	9,000	9,000	9,800	10,200	10,200
Pakistan	23,900	24,100	24,500	24,400	24,500	24,500
Russia	33,550	34,100	35,500	37,000	38,500	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	12,000
Uzbekistan	8,000	8,400	8,900	9,350	9,700	9,700
Others	146,722	150,244	153,968	159,799	163,360	163,414
Subtotal	641,292	663,600	674,803	679,418	699,471	700,433
United States	37,810	34,261	31,334	32,019	37,204	35,299
World Total	679,102	697,861	706,137	711,437	736,675	735,732
Ending Stocks						
Australia	4,663	4,558	4,837	6,262	6,952	6,752
Canada	5,112	10,405	7,054	5,167	5,652	5,952
China	53,960	65,274	76,105	97,042	110,742	110,742
European Union	10,711	9,938	12,740	14,007	12,038	10,531
India	24,200	17,830	17,200	14,500	11,000	11,000
Iran	5,116	7,301	7,916	8,176	5,976	5,976
Russia	4,933	5,177	6,285	5,601	9,570	9,601
Others	48,545	57,416	63,466	62,350	57,203	56,832
Subtotal	157,240	177,899	195,603	213,105	219,133	217,386
United States	19,538	16,065	20,477	26,554	29,934	30,981
World Total	176,778	193,964	216,080	239,659	249,067	248,367

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Sep 2016/ 17	Oct 2016/ 17
TY Imports						
North America	7,759	9,841	8,930	8,353	7,985	8,485
Central America	1,654	1,833	1,834	1,833	1,950	1,950
South America	14,422	14,866	13,132	13,343	13,325	13,925
European Union - 28	5,276	3,976	5,975	6,916	7,000	7,000
Other Europe	1,632	1,858	1,760	1,828	1,795	1,795
Former Soviet Union - 12	7,246	7,506	7,681	7,371	7,545	7,545
Middle East	24,250	28,434	26,921	24,376	25,275	25,275
North Africa	22,047	25,246	25,430	27,852	28,450	28,100
Sub-Saharan Africa	18,585	20,502	21,288	23,160	22,600	22,650
East Asia	17,354	19,465	14,115	16,224	16,810	16,810
South Asia	5,308	6,721	8,149	8,785	10,606	11,606
Southeast Asia	16,294	17,101	20,541	25,429	22,350	22,350
Others	2,964	3,040	3,224	3,158	3,320	3,320
Total	144,791	160,389	158,980	168,628	169,011	170,811
Production						
North America	91,734	99,012	88,254	87,462	97,556	98,259
South America	18,011	19,762	24,152	21,259	24,173	24,513
European Union - 28	133,949	144,583	156,922	160,012	145,270	143,224
Other Europe	3,431	4,103	3,929	4,067	4,606	4,606
Former Soviet Union - 12	77,802	103,885	112,735	117,718	131,430	131,430
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	14,131
Sub-Saharan Africa	6,736	7,235	7,523	6,313	7,177	7,041
East Asia	122,490	123,248	127,650	131,524	129,360	129,360
South Asia	126,412	125,917	130,154	119,840	123,645	123,645
Oceania	23,345	25,751	24,324	24,925	27,930	28,730
Others	181	187	186	191	191	191
Total	658,303	715,047	728,253	735,016	744,848	744,440
Domestic Consumption						
North America	53,990	50,326	47,281	46,851	53,324	51,619
South America	26,212	27,126	26,780	26,860	26,620	27,120
European Union - 28	119,250	117,300	124,677	130,984	129,300	128,700
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	80,115	79,615
Middle East	56,636	58,717	58,412	60,090	60,970	60,970
North Africa	41,290	42,425	42,651	43,621	44,850	44,800
Sub-Saharan Africa	24,067	26,306	27,062	28,539	28,715	28,719
East Asia	140,071	130,201	129,513	125,230	131,200	131,200
South Asia	121,007	132,041	132,322	129,049	136,621	137,621
Southeast Asia	16,515	16,560	19,265	23,155	22,840	22,840
Oceania	8,111	8,280	8,569	8,612	8,865	8,865
Others	3,366	3,494	3,571	3,574	3,774	3,774
Total	686,961	690,333	700,813	709,375	732,314	730,963
Ending Stocks						
North America	24,925	26,789	28,059	32,237	36,150	37,329
South America	3,538	6,834	8,268	5,023	4,798	5,230
European Union - 28	10,711	9,938	12,740	14,007	12,038	10,531
Other Europe	1,057	935	1,101	1,136	1,042	1,042
Former Soviet Union - 12	14,238	15,624	19,973	15,673	20,365	20,393
Middle East	14,069	18,620	18,213	18,460	15,423	15,430
North Africa	11,499	13,506	12,688	16,037	13,194	12,628
Sub-Saharan Africa	2,495	3,049	3,222	3,284	3,084	3,026
East Asia	57,214	68,314	79,228	100,461	114,091	114,091
South Asia	27,995	21,661	23,185	21,170	17,350	17,350
Southeast Asia	3,718	3,466	3,892	5,293	3,917	3,918
Oceania	4,978	4,861	5,123	6,519	7,219	7,019
Others	341	367	388	359	396	380
Total	176,778	193,964	216,080	239,659	249,067	248,367

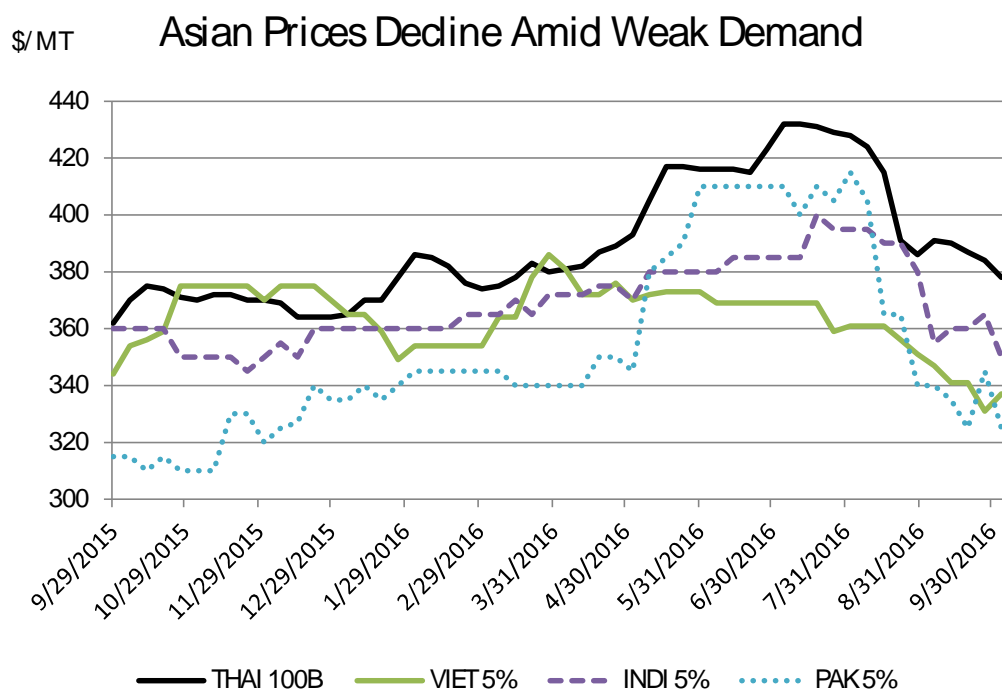
NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

RICE: WORLD MARKETS AND TRADE

OVERVIEW

For 2016/17, global production is raised this month to a new record, mostly on a larger crop in Thailand. Imports are up slightly, and larger exports for India and Thailand more than offset reductions for Vietnam, Brazil, and the United States. Consumption is lower, but still higher than the prior year. Stocks are raised on adjustments to Thailand, China, Vietnam, and Egypt.

PRICES














Despite initial concerns about impacts from lower production in 2015/16, prices have recently been pressured lower on upcoming harvests and weak demand from traditionally large importers. Over the past month, Thai prices have declined \$13 to \$378/ton as supplies of new-crop have gradually started to enter the market. Indian quotes slid \$5 to \$350/ton on anticipation of a large new crop. Pakistani quotes are down \$15 to \$325/ton on pressure of a new harvest. Vietnamese quotes are down \$10 to \$337/ton on lighter trade to date.

SELECTED TRADE CHANGES for 2017

-  **Brazil** exports are lowered 150,000 tons to 650,000 on reduced supplies.
-  **Benin** imports are raised 125,000 tons to 425,000 on continued growth in consumption.
-  **Egypt** exports are up 100,000 tons to 300,000 on larger supplies. Imports soar 265,000 tons to 300,000 to reflect anticipated purchases from India to supplement government reserves.
-  **India** exports are boosted 500,000 tons to 10.0 million on ample supplies and likely additional shipments to Egypt.
-  **Philippines** imports are lowered 100,000 tons to 1.4 million on more modest import demand.
-  **Thailand** exports are raised 500,000 tons to 9.5 million on increased competitiveness with improved crop prospects and adequate supplies.
-  **United States** exports are down 100,000 tons to 3.6 million on tepid demand from Middle Eastern markets and increased competition from other medium-grain suppliers.
-  **Vietnam** exports are cut 600,000 tons to 5.8 million on reduced competitiveness relative to other major exporters.

SELECTED TRADE CHANGES for 2016 – based on trade data

-  **Cambodia** exports are raised 100,000 tons to 1.0 million.
 -  **China** imports are cut 200,000 tons to 4.8 million.
 -  **Indonesia** imports are lowered by 300,000 tons to 1.2 million.
 -  **India** exports are up 500,000 tons to 10.5 million.
 -  **Iraq** imports are down 100,000 tons to 950,000.
 -  **Nepal** imports are trimmed 50,000 tons to 450,000.
 -  **Nigeria** imports are lowered 100,000 tons to 2.0 million.
 -  **Pakistan** exports are cut 300,000 tons to 4.2 million.
 -  **Philippines** imports are down 400,000 tons to 1.1 million.
 -  **Thailand** exports are lowered 500,000 tons to 9.2 million.
 -  **Vietnam** exports are slashed 600,000 tons to 5.4 million.
-

World Rice Trade
January/ December Year, Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 Sep	2016/ 17 Oct
TY Exports						
Argentina	526	494	310	560	550	550
Australia	460	404	323	150	250	250
Brazil	830	852	895	700	800	650
Burma	1,163	1,688	1,735	1,400	1,700	1,700
Cambodia	1,075	1,000	1,150	1,000	1,050	1,050
China	447	393	262	275	300	300
Egypt	700	600	250	200	200	300
European Union	203	284	251	270	280	280
Guyana	346	446	520	540	540	540
India	10,480	11,588	11,046	10,500	9,500	10,000
Pakistan	4,126	3,700	4,000	4,200	4,250	4,200
Paraguay	365	380	371	480	470	470
Thailand	6,722	10,969	9,779	9,200	9,000	9,500
Uruguay	939	957	718	900	840	840
Vietnam	6,700	6,325	6,606	5,400	6,400	5,800
Others	1,116	1,081	1,090	1,143	1,100	1,100
Subtotal	36,198	41,161	39,306	36,918	37,230	37,530
United States	3,295	2,947	3,355	3,450	3,650	3,550
World Total	39,493	44,108	42,661	40,368	40,880	41,080
TY Imports						
Angola	430	500	450	450	475	475
Benin	350	350	350	400	350	425
Brazil	712	586	363	750	600	650
Cameroon	550	610	525	530	530	530
China	3,500	4,450	5,150	4,800	5,000	5,000
Cote d'Ivoire	830	950	1,150	1,250	1,200	1,200
Cuba	413	377	575	530	510	510
European Union	1,375	1,556	1,786	1,750	1,750	1,750
Ghana	725	590	500	650	650	650
Haiti	416	387	447	470	490	490
Indonesia	650	1,225	1,350	1,200	1,250	1,250
Iran	2,220	1,400	1,300	1,100	1,050	1,050
Iraq	1,294	1,080	1,009	950	1,100	1,050
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	575	575	560	600
Nepal	340	510	529	450	550	550
Nigeria	2,400	3,200	2,100	2,000	1,900	1,900
Philippines	1,000	1,800	2,000	1,100	1,500	1,400
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
Others	11,573	13,535	11,690	11,089	11,284	11,464
Subtotal	35,767	40,367	38,839	37,059	37,794	37,989
Unaccounted	3,051	2,986	3,064	2,544	2,311	2,316
United States	675	755	758	765	775	775
World Total	39,493	44,108	42,661	40,368	40,880	41,080

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 Sep	2016/ 17 Oct
Milled Production						
Bangladesh	33,820	34,390	34,500	34,500	34,515	34,515
Brazil	8,037	8,300	8,465	7,210	8,500	8,025
Burma	11,715	11,957	12,600	12,200	12,500	12,500
Cambodia	4,670	4,725	4,700	4,705	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	4,554
India	105,241	106,646	105,482	104,320	106,500	106,500
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
Nepal	3,003	3,361	3,100	3,100	3,100	3,100
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
Thailand	20,200	20,460	18,750	15,800	17,000	18,600
Vietnam	27,537	28,161	28,166	27,458	27,800	27,800
Others	38,823	39,925	40,312	40,692	41,904	41,793
Subtotal	466,148	472,322	471,630	465,985	474,199	475,767
United States	6,348	6,117	7,106	6,107	7,530	7,493
World Total	472,496	478,439	478,736	472,092	481,729	483,260
Consumption and Residual						
Bangladesh	34,500	34,900	35,100	35,100	35,000	35,000
Brazil	7,850	7,900	7,925	7,800	7,950	7,900
Burma	10,400	10,450	10,500	10,700	10,850	10,850
Cambodia	3,550	3,650	3,615	3,650	3,600	3,650
China	141,000	143,000	144,500	144,000	144,500	144,000
Egypt	4,050	4,000	4,000	3,900	3,950	4,000
India	93,972	98,727	98,244	94,020	97,000	97,000
Indonesia	38,127	38,500	38,300	38,000	38,000	37,700
Japan	8,351	8,380	8,600	8,600	8,700	8,700
Korea, South	4,489	4,422	4,197	4,254	4,334	4,334
Nepal	3,353	3,811	3,716	3,500	3,650	3,650
Nigeria	5,300	5,500	5,400	5,200	5,100	5,000
Philippines	12,850	12,850	13,200	13,200	13,300	13,300
Thailand	10,600	10,600	10,500	9,800	11,100	10,600
Vietnam	21,600	22,000	22,000	22,000	22,000	22,200
Others	59,066	61,211	61,579	62,080	63,326	63,538
Subtotal	461,671	474,332	473,828	467,570	474,581	473,933
United States	3,779	3,977	4,301	3,529	4,223	4,223
World Total	465,450	478,309	478,129	471,099	478,804	478,156
Ending Stocks						
China	49,832	53,102	57,436	63,735	69,906	70,935
India	25,500	22,800	17,800	17,800	17,800	17,300
Indonesia	6,476	5,501	4,111	3,511	3,561	3,661
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
Thailand	12,808	11,999	10,770	7,870	3,320	6,620
Vietnam	1,163	1,299	1,259	1,717	1,017	1,917
Others	13,296	14,366	17,450	15,169	14,132	14,344
Subtotal	112,712	112,973	113,053	114,123	113,726	118,767
United States	1,156	1,025	1,552	1,475	1,877	1,935
World Total	113,868	113,998	114,605	115,598	115,603	120,702

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	Sep 2016/ 17	Oct 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	1,155	1,155
South America	1,833	1,814	1,679	1,897	1,862	1,912
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	5,920	6,230	6,180
North Africa	487	485	391	470	405	670
Sub-Saharan Africa	11,567	12,627	10,789	11,345	11,195	11,310
East Asia	5,349	6,045	6,686	6,406	6,631	6,631
South Asia	722	2,566	1,692	820	980	900
Southeast Asia	3,606	5,023	5,674	4,650	4,960	4,860
Others	2,197	2,392	2,515	2,695	2,590	2,585
Total	36,442	41,122	39,597	37,824	38,569	38,764
Production						
North America	6,479	6,248	7,285	6,256	7,703	7,666
Caribbean	974	1,054	1,104	996	1,055	1,055
South America	15,852	16,384	16,365	15,230	16,433	15,938
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	1,230	1,230
Middle East	2,251	2,450	2,443	2,392	2,613	2,563
North Africa	4,704	4,789	4,530	4,000	4,000	4,554
Sub-Saharan Africa	13,272	13,984	14,468	15,140	15,390	15,477
East Asia	157,953	157,701	159,486	160,194	160,924	160,924
South Asia	150,632	154,490	153,333	152,317	154,818	154,478
Southeast Asia	115,490	116,867	115,367	111,439	114,371	115,971
Others	1,495	1,330	1,207	811	1,166	1,378
Total	472,496	478,439	478,736	472,092	481,729	483,260
Domestic Consumption						
North America	4,977	5,215	5,539	4,774	5,478	5,478
Central America	1,171	1,200	1,203	1,280	1,333	1,333
Caribbean	1,954	1,992	2,136	2,142	2,201	2,201
South America	14,341	14,582	14,617	14,627	14,703	14,653
European Union - 28	3,250	3,250	3,350	3,450	3,500	3,500
Former Soviet Union - 12	1,579	1,605	1,524	1,540	1,551	1,551
Middle East	8,989	9,190	9,232	8,835	9,040	8,940
North Africa	4,572	4,480	4,379	4,270	4,320	4,370
Sub-Saharan Africa	24,741	26,076	26,077	26,328	26,839	26,941
East Asia	157,459	159,414	160,566	159,754	160,759	160,259
South Asia	137,403	143,403	143,441	139,267	142,293	142,393
Southeast Asia	101,694	102,763	103,057	102,536	104,031	103,481
Others	707	708	556	530	535	545
Total	462,837	473,878	475,677	469,333	476,583	475,645
Ending Stocks						
North America	1,345	1,180	1,713	1,598	2,031	2,089
Central America	186	210	233	295	248	293
Caribbean	289	264	263	271	285	285
South America	1,586	1,844	2,105	1,332	1,552	1,288
European Union - 28	1,188	1,163	1,210	1,305	1,301	1,301
Middle East	2,004	1,864	1,775	1,177	1,025	955
North Africa	427	610	924	924	739	1,478
Sub-Saharan Africa	2,229	2,133	2,191	1,923	1,434	1,484
East Asia	53,832	57,296	61,919	68,292	74,152	75,181
South Asia	26,879	25,051	21,524	20,982	20,562	19,782
Southeast Asia	23,486	21,976	20,357	17,285	12,085	16,260
Oceania	238	241	223	73	63	180
Others	179	166	168	141	126	126
Total	113,868	113,998	114,605	115,598	115,603	120,702

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.

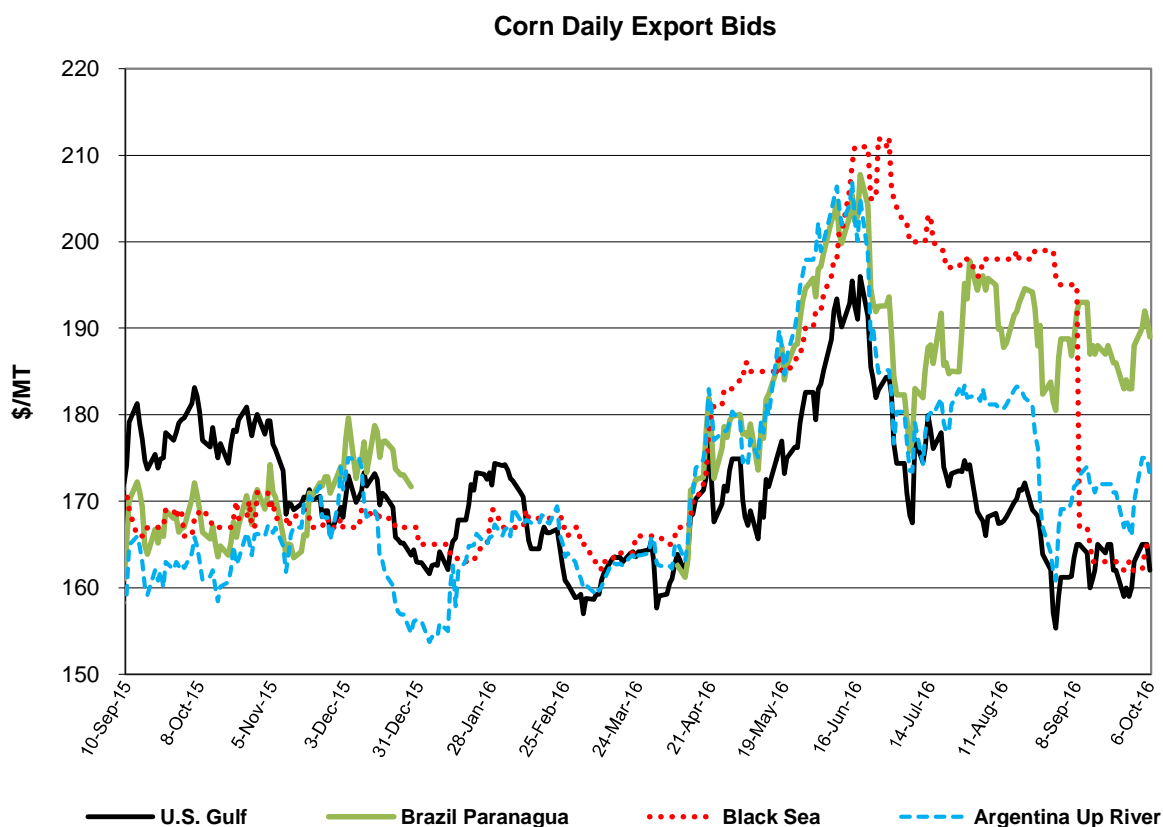
COARSE GRAINS: WORLD MARKETS AND TRADE

OVERVIEW

For **2016/17**, global corn production is projected marginally lower from last month, but still a record. Smaller crops for the EU, the United States, and Vietnam more than offset gains for Brazil and Thailand. Global trade is projected higher with larger imports for the EU, Mexico, Iran and Vietnam. Exports are raised for Argentina, Brazil, Ukraine, and the United States. The U.S. season-average farm price is forecast 5 cents higher to \$3.25 per bushel.

PRICES

FOB export quotes for most origins have been mostly range-bound over the last month. Prices were initially edging lower, but rose following the release of the USDA *Grain Stocks* report that showed smaller-than-expected corn stocks. Argentine prices are up \$1/ton to \$173, Brazil is down \$3/ton to \$189, and U.S. quotes are down \$3/ton to \$162. Black Sea, however, dropped \$29/ton to \$166 as a result of harvest pressure.



TRADE CHANGES IN 2016/17

Selected Exporters

- FO E1** **U.S. corn** is up 1.5 million tons to 56.5 million, a nine-year high, based on strong early-season sales and shipments.
- FO E1** **Argentine corn** is up 500,000 tons to 25.5 million on rising global demand and the expectation of competitive prices later in the season.
- FO E1** **Brazilian corn** is up 1.0 million tons to 21.0 million based on a larger forecast crop.
- FO E1** **EU corn** and **barley** are cut 300,000 tons each to 1.7 million and to 6.2 million, respectively, on smaller crops.
- FO E1** **Thai corn** is boosted 200,000 tons to 400,000 on larger exportable supplies.
- FO E1** **Ukrainian corn** is raised 700,000 tons to 17.7 million on expectations of stronger demand from the EU, its top market.
- FO E1** **Russian barley** is down 400,000 tons to 4.0 million on a smaller crop.

Selected Importers

- FO E1** **Algerian corn** is up 200,000 tons to 4.3 million reflecting expectations of growing feed demand.
- FO E1** **EU corn** is up 1.5 million tons to 13.5 million as tighter domestic feed grain supplies and low world corn prices are expected to boost imports.
- FO E1** **Iranian corn** is up 500,000 tons to 6.0 million on expectations of stronger feed demand.
- FO E1** **Mexican corn** is up 300,000 tons to 13.8 million on a fast pace of early season sales.
- FO E1** **Peruvian corn** is raised 200,000 tons to 2.9 million on higher expected feed use, evidenced by a fast pace of purchases from the United States.
- FO E1** **Vietnamese corn** is boosted 500,000 tons to 6.5 million to partly offset a smaller crop.

TRADE CHANGES IN 2015/16

Selected Exporters – based on trade data

- F0
E1 **U.S. corn** is boosted 1.0 million tons to 50.5 million reflecting strong September shipments. **Sorghum** is cut 350,000 tons to 8.0 million. **Barley** is cut 100,000 tons to 175,000.
- F0
E1 **Argentine corn** is raised 800,000 tons to 21.3 million.
- F0
E1 **Brazilian corn** is boosted 1.9 million tons to 35.4 million.
- F0
E1 **Canadian corn** is up 100,000 tons to 1.8 million. **Barley** is down 150,000 tons to 1.2 million.
- F0
E1 **EU barley** is cut 200,000 tons to 10.1 million.
- F0
E1 **Ukrainian barley** is down 100,000 tons to 4.6 million.

Selected Importers – based on trade data

- F0
E1 **Algerian corn** is up 200,000 tons to 4.3 million.
 - F0
E1 **Brazilian corn** is down 134,000 tons to 1.6 million.
 - F0
E1 **Canadian corn** is boosted 100,000 tons to 1.3 million.
 - F0
E1 **EU corn** is up 200,000 tons to 13.4 million.
 - F0
E1 **Iranian corn** is raised 700,000 tons to 6.6 million.
 - F0
E1 **Malaysian corn** is up 300,000 tons to 3.8 million.
 - F0
E1 **Mexican corn** is boosted 300,000 tons to 13.8 million.
 - F0
E1 **Peruvian corn** is raised 200,000 tons to 2.9 million.
 - F0
E1 **Vietnamese corn** is up 800,000 tons to 8.0 million.
 - F0
E1 **Chinese sorghum** is boosted 400,000 tons to 7.8 million.
-

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

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	2016/ 17 Sep	2016/ 17 Oct
TY Exports						
Argentina	29,497	16,630	21,003	25,005	27,905	28,405
Australia	6,416	7,009	7,291	6,500	7,975	7,975
Brazil	26,078	22,059	21,954	35,417	20,030	21,030
Canada	4,658	5,482	3,597	4,600	3,850	3,850
European Union	8,943	7,841	15,067	12,292	8,855	8,255
Paraguay	2,861	2,718	3,031	2,715	2,315	2,315
Russia	4,366	7,074	9,155	8,160	8,960	8,560
Serbia	605	1,799	3,001	1,640	2,260	2,260
South Africa	2,412	2,128	766	765	1,325	1,325
Ukraine	15,527	24,125	24,208	21,285	22,130	22,930
Others	10,279	11,215	8,026	7,555	7,085	7,180
Subtotal	111,642	108,080	117,099	125,934	112,690	114,085
United States	20,586	56,776	56,423	58,716	61,635	63,095
World Total	132,228	164,856	173,522	184,650	174,325	177,180
TY Imports						
Algeria	3,289	4,946	4,863	5,230	5,025	5,225
Brazil	1,238	1,184	1,023	2,071	1,550	1,550
Canada	522	714	1,710	1,435	1,590	1,590
Chile	1,327	1,621	1,707	1,810	2,025	2,025
China	5,603	12,445	25,699	17,350	13,700	13,700
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	13,780	12,530	14,080
Indonesia	2,719	3,513	3,381	2,100	2,200	2,200
Iran	4,800	6,600	8,000	8,500	7,100	7,600
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
Korea, South	8,265	10,499	10,245	10,390	10,090	10,090
Libya	1,220	1,493	1,685	1,700	1,500	1,500
Malaysia	3,048	3,485	3,238	3,800	3,600	3,600
Mexico	7,624	11,312	11,570	14,650	14,475	14,775
Morocco	1,832	2,858	2,217	3,000	3,300	3,200
Peru	2,404	2,336	2,863	3,025	2,835	3,035
Saudi Arabia	12,390	11,332	11,115	14,315	14,005	14,010
South Africa	92	235	677	2,930	2,680	2,680
Taiwan	4,413	4,346	3,949	4,415	4,300	4,300
Tunisia	1,608	1,449	1,524	1,850	1,900	1,800
Turkey	1,922	1,977	2,719	1,025	1,905	1,805
Venezuela	2,154	2,627	2,433	1,800	2,100	2,200
Vietnam	1,600	4,300	6,700	8,000	6,000	6,500
Others	14,940	17,631	18,274	20,327	19,871	19,936
Subtotal	123,281	156,402	165,754	175,588	166,686	169,806
Unaccounted	2,432	5,131	4,473	5,117	4,264	3,999
United States	6,515	3,323	3,295	3,945	3,375	3,375
World Total	132,228	164,856	173,522	184,650	174,325	177,180

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 Sep	2016/ 17 Oct
Production						
Argentina	37,246	35,665	35,732	36,939	44,139	44,139
Australia	11,414	12,158	12,605	12,437	14,164	14,264
Brazil	84,253	82,603	87,669	69,126	85,463	86,017
Canada	24,445	28,745	21,992	25,660	24,640	24,570
China	212,192	225,408	222,750	231,780	223,700	223,700
Ethiopia	12,286	13,079	14,442	9,985	12,750	12,750
European Union	146,188	159,212	170,854	151,816	154,381	151,803
India	39,910	43,216	43,076	38,043	43,200	42,260
Indonesia	8,500	9,100	9,000	9,300	9,600	9,600
Mexico	28,881	32,065	32,689	32,189	31,825	31,825
Nigeria	18,573	19,292	19,015	17,950	18,500	18,500
Russia	28,658	35,735	40,386	37,427	40,000	39,500
South Africa	12,873	15,518	11,110	8,364	13,558	13,525
Turkey	10,595	13,090	9,425	14,275	10,925	10,925
Ukraine	29,528	40,022	39,389	33,387	37,050	37,050
Others	145,611	148,132	159,022	152,124	154,503	154,410
Subtotal	851,153	913,040	929,156	880,802	918,398	914,838
United States	285,311	367,089	377,234	366,989	401,342	399,950
World Total	1,136,464	1,280,129	1,306,390	1,247,791	1,319,740	1,314,788
Domestic Consumption						
Argentina	12,050	13,695	14,232	14,321	15,739	15,639
Brazil	55,803	58,028	60,023	57,993	61,318	60,922
Canada	20,340	22,345	21,295	21,970	22,255	22,255
China	209,671	223,546	229,059	238,895	244,650	245,150
Egypt	12,910	14,080	14,809	15,703	16,008	16,008
European Union	153,341	164,401	162,555	157,004	160,545	160,480
India	35,075	37,600	40,400	39,490	41,650	40,850
Iran	10,520	11,320	12,020	14,120	14,220	14,920
Japan	17,830	17,570	16,933	17,246	17,211	17,211
Mexico	36,195	40,935	42,075	44,115	45,515	45,815
Nigeria	18,700	19,350	18,950	18,150	18,500	18,500
Russia	25,134	28,619	31,139	29,840	30,850	30,750
Saudi Arabia	10,925	11,550	12,025	13,950	14,525	14,530
Turkey	13,005	13,430	13,055	14,430	13,280	13,280
Ukraine	14,661	15,977	15,430	13,860	14,675	14,275
Others	219,060	227,882	240,740	240,850	243,546	244,772
Subtotal	859,154	927,454	960,621	934,858	985,823	986,314
United States	275,537	305,044	311,339	312,665	325,650	325,571
World Total	1,134,691	1,232,498	1,271,960	1,247,523	1,311,473	1,311,885
Ending Stocks						
Brazil	9,560	14,259	8,213	5,616	6,286	6,231
Canada	3,024	4,648	3,334	3,914	4,051	3,969
China	68,377	82,651	102,019	112,219	104,599	104,439
European Union	13,055	15,565	18,845	14,561	12,465	11,709
Iran	4,654	5,094	7,134	7,674	6,714	6,714
Mexico	1,542	3,487	4,860	6,587	6,447	6,572
Saudi Arabia	3,415	3,912	3,500	4,401	4,120	4,121
Others	36,874	47,734	51,240	43,257	43,847	42,608
Subtotal	140,501	177,350	199,145	198,229	188,529	186,363
United States	23,531	34,313	46,948	48,132	64,785	62,901
World Total	164,032	211,663	246,093	246,361	253,314	249,264

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Sep 2016/ 17	Oct 2016/ 17
TY Imports						
North America	14,661	15,349	16,575	20,030	19,440	19,740
Central America	2,470	2,923	3,460	3,985	3,725	3,725
Caribbean	2,327	2,330	2,444	2,540	2,560	2,585
South America	11,812	13,182	13,353	14,019	13,800	14,105
European Union - 28	11,778	16,355	9,146	13,780	12,530	14,080
Former Soviet Union - 12	728	807	730	580	655	655
Middle East	25,078	26,614	27,769	30,415	29,525	29,880
North Africa	13,046	19,521	18,229	20,360	20,580	20,580
Sub-Saharan Africa	2,742	3,633	4,546	7,391	7,320	7,355
East Asia	36,176	44,865	56,676	49,155	45,070	45,070
Southeast Asia	7,961	12,814	14,736	15,370	13,375	13,875
Others	1,017	1,332	1,385	1,908	1,481	1,531
Total	129,796	159,725	169,049	179,533	170,061	173,181
Production						
North America	338,637	427,899	431,915	424,838	457,807	456,345
South America	136,025	131,844	136,768	119,699	143,437	143,869
European Union - 28	146,188	159,212	170,854	151,816	154,381	151,803
Other Europe	6,570	8,813	10,649	8,946	10,023	10,023
Former Soviet Union - 12	68,222	87,758	91,599	82,761	89,376	88,876
Middle East	18,769	21,774	17,888	23,382	19,972	19,972
North Africa	10,155	11,556	11,073	12,521	9,639	9,815
Sub-Saharan Africa	103,567	102,631	109,419	94,759	103,925	104,295
East Asia	214,616	227,798	225,528	234,420	226,359	226,359
South Asia	47,642	51,986	51,822	46,597	52,028	51,088
Southeast Asia	29,158	31,003	31,088	30,477	33,273	32,723
Oceania	12,082	12,805	13,273	13,144	14,804	14,904
Others	4,833	5,050	4,514	4,431	4,716	4,716
Total	1,136,464	1,280,129	1,306,390	1,247,791	1,319,740	1,314,788
Domestic Consumption						
North America	332,072	368,324	374,709	378,750	393,420	393,641
South America	89,796	94,375	96,974	95,382	100,674	100,413
European Union - 28	153,341	164,401	162,555	157,004	160,545	160,480
Other Europe	7,100	7,707	8,036	8,242	8,312	8,312
Former Soviet Union - 12	50,225	55,686	58,148	55,258	57,291	56,791
Middle East	43,027	45,892	45,706	51,582	50,937	51,667
North Africa	24,941	27,987	30,177	32,104	31,588	31,888
Sub-Saharan Africa	103,253	102,361	109,829	103,391	104,990	105,781
East Asia	242,831	257,690	262,977	273,307	278,837	279,337
South Asia	42,704	46,167	49,321	48,995	51,134	50,384
Southeast Asia	35,787	38,943	41,558	43,405	44,916	44,616
Oceania	6,107	5,764	5,846	6,359	6,549	6,649
Others	9,573	10,075	10,243	10,823	10,944	10,969
Total	1,140,757	1,225,372	1,256,079	1,264,602	1,300,137	1,300,928
Ending Stocks						
North America	28,097	42,448	55,142	58,633	75,283	73,442
South America	15,559	21,435	14,724	11,678	13,496	12,589
European Union - 28	13,055	15,565	18,845	14,561	12,465	11,709
Other Europe	631	751	1,064	936	1,281	1,284
Former Soviet Union - 12	4,983	7,029	7,435	4,624	5,102	4,699
Middle East	10,118	11,911	12,774	14,751	12,869	12,766
North Africa	3,553	5,666	5,514	5,886	4,316	4,283
Sub-Saharan Africa	9,049	9,559	12,319	8,767	9,241	9,456
East Asia	71,678	86,663	105,873	116,106	108,328	108,168
South Asia	2,408	4,099	5,296	3,084	3,341	3,579
Southeast Asia	3,230	4,472	4,516	4,583	4,533	4,180
Oceania	902	1,115	1,624	1,695	2,020	2,020
Others	769	950	967	1,057	1,039	1,089
Total	164,032	211,663	246,093	246,361	253,314	249,264

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 Sep	2016/ 17 Oct
TY Exports						
Argentina	22,789	12,846	18,448	21,300	25,000	25,500
Brazil	26,044	22,041	21,909	35,382	20,000	21,000
Burma	550	700	850	900	950	950
European Union	2,194	2,404	4,026	1,800	2,000	1,700
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	1,600	2,200	2,200
South Africa	2,398	2,104	746	750	1,300	1,300
Ukraine	12,726	20,004	19,661	16,500	17,000	17,700
Others	9,708	10,451	5,582	6,160	4,630	4,825
Subtotal	82,284	79,739	81,195	92,492	80,680	82,775
United States	18,262	50,691	46,831	50,500	55,000	56,500
World Total	100,546	130,430	128,026	142,992	135,680	139,275
TY Imports						
Algeria	2,918	4,156	4,116	4,300	4,100	4,300
Canada	492	678	1,533	1,300	1,500	1,500
Chile	844	1,456	1,516	1,600	1,800	1,800
China	2,702	3,277	5,516	3,180	3,000	3,000
Colombia	3,266	4,436	4,496	4,500	4,500	4,500
Dominican Republic	1,046	1,011	1,202	1,275	1,225	1,250
Egypt	5,059	8,726	7,841	8,500	8,750	8,750
European Union	11,362	16,014	8,646	13,400	12,000	13,500
Indonesia	2,719	3,513	3,381	2,100	2,200	2,200
Iran	3,700	5,500	6,100	6,600	5,500	6,000
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	3,800	3,600	3,600
Mexico	5,676	10,949	11,269	13,800	13,500	13,800
Morocco	1,684	2,349	1,941	2,100	2,300	2,300
Peru	2,254	2,232	2,741	2,900	2,700	2,900
Saudi Arabia	2,063	2,684	2,904	3,600	3,500	3,500
South Africa	0	79	469	2,700	2,500	2,500
Taiwan	4,241	4,179	3,821	4,300	4,200	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	2,200
Vietnam	1,600	4,300	6,700	8,000	6,000	6,500
Zimbabwe	700	600	700	800	1,400	1,400
Others	11,026	14,158	14,472	16,845	15,865	15,955
Subtotal	94,865	125,961	124,574	136,200	131,440	134,855
Unaccounted	1,416	3,742	2,643	5,077	2,990	3,170
United States	4,265	727	809	1,715	1,250	1,250
World Total	100,546	130,430	128,026	142,992	135,680	139,275

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 Sep	2016/ 17 Oct
Production						
Argentina	27,000	26,000	28,700	28,000	36,500	36,500
Brazil	81,500	80,000	85,000	67,000	82,500	83,500
Canada	13,060	14,194	11,487	13,600	12,350	12,500
China	205,614	218,490	215,646	224,580	216,000	216,000
Ethiopia	6,158	6,492	7,235	5,050	6,300	6,300
European Union	59,142	64,931	75,840	58,481	61,149	60,279
India	22,258	24,259	24,170	21,800	24,500	24,500
Indonesia	8,500	9,100	9,000	9,300	9,600	9,600
Mexico	21,591	22,880	25,480	25,800	24,500	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	7,900
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	7,900	13,000	13,000
Ukraine	20,922	30,900	28,450	23,333	26,000	26,000
Others	91,612	94,606	97,431	95,143	94,633	94,438
Subtotal	596,576	639,544	653,279	613,655	643,232	643,217
United States	273,192	351,272	361,091	345,486	383,378	382,476
World Total	869,768	990,816	1,014,370	959,141	1,026,610	1,025,693
Total Consumption						
Argentina	7,900	8,800	9,300	9,300	10,600	10,500
Brazil	52,500	55,000	57,000	55,300	58,000	58,000
Canada	11,604	12,675	12,820	13,100	13,300	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	73,200	73,800
India	17,500	19,600	22,300	22,650	23,300	23,300
Indonesia	10,900	11,900	12,200	11,300	11,600	11,600
Iran	6,200	6,800	7,400	8,800	8,600	9,300
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	36,900	37,200	37,500
Russia	6,400	7,500	8,100	8,900	9,500	9,500
South Africa	11,000	11,500	11,650	11,200	11,300	11,300
Vietnam	6,400	7,700	9,400	12,000	12,500	12,100
Others	144,327	153,718	158,828	158,532	159,003	159,901
Subtotal	601,837	655,847	678,964	659,174	703,961	706,499
United States	262,973	292,958	301,792	298,831	312,434	312,434
World Total	864,810	948,805	980,756	958,005	1,016,395	1,018,933
Ending Stocks						
Argentina	1,308	1,408	1,909	1,114	3,019	2,119
Brazil	9,150	13,972	7,842	5,342	5,942	5,942
China	67,570	81,315	100,464	110,714	103,654	103,694
European Union	5,146	6,891	9,471	6,838	5,189	5,117
Iran	3,236	4,476	5,716	6,056	5,296	5,296
Mexico	975	2,603	4,118	5,818	5,718	5,818
South Africa	664	2,198	2,448	1,448	1,898	2,148
Others	24,382	31,146	32,973	28,580	28,200	27,742
Subtotal	112,431	144,009	164,941	165,910	158,916	157,876
United States	20,859	31,292	43,974	44,141	60,547	58,935
World Total	133,290	175,301	208,915	210,051	219,463	216,811

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Sep 2016/ 17	Oct 2016/ 17
TY Imports						
North America	10,433	12,354	13,611	16,815	16,250	16,550
Central America	2,470	2,922	3,460	3,985	3,725	3,725
South America	9,651	12,027	12,040	12,574	12,550	12,855
European Union - 28	11,362	16,014	8,646	13,400	12,000	13,500
Former Soviet Union - 12	322	448	498	400	420	420
Middle East	10,944	13,812	15,238	15,520	14,725	15,275
North Africa	11,154	17,036	15,623	16,800	17,050	17,250
Sub-Saharan Africa	2,092	2,941	3,776	6,316	6,635	6,670
East Asia	29,681	33,057	34,219	32,835	32,280	32,280
Southeast Asia	7,943	12,768	14,722	15,355	13,360	13,860
Caribbean	2,327	2,330	2,444	2,540	2,560	2,585
Others	751	979	1,106	1,375	1,135	1,135
Total	99,130	126,688	125,383	137,915	132,690	136,105
Production						
North America	307,843	388,346	398,058	384,886	420,228	419,476
South America	120,997	117,456	125,140	106,459	130,299	131,199
European Union - 28	59,142	64,931	75,840	58,481	61,149	60,279
Other Europe	4,915	7,210	8,945	7,176	8,229	8,229
Former Soviet Union - 12	32,310	46,916	43,801	40,422	44,060	44,060
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	60,555	63,519	63,151	55,331	59,628	59,883
East Asia	207,737	220,583	218,095	226,928	218,358	218,358
South Asia	28,857	31,865	31,740	29,170	32,070	32,070
Central America	3,743	3,893	3,366	3,300	3,560	3,560
Southeast Asia	28,893	30,721	30,794	30,182	32,983	32,433
Others	1,377	1,320	1,441	1,377	1,337	1,437
Total	869,768	990,816	1,014,370	959,141	1,026,610	1,025,693
Domestic Consumption						
North America	301,577	337,333	349,062	348,831	362,934	363,234
South America	78,981	83,551	86,376	84,750	89,105	89,260
European Union - 28	69,846	76,796	77,880	72,714	73,200	73,800
Other Europe	5,194	5,847	6,122	6,315	6,310	6,310
Former Soviet Union - 12	18,080	21,130	21,482	21,015	22,265	21,865
Middle East	18,710	19,785	21,810	24,025	23,935	24,660
North Africa	18,450	20,800	22,100	23,150	23,675	23,875
Sub-Saharan Africa	60,039	62,444	63,901	62,103	60,438	61,031
East Asia	229,234	239,185	233,237	249,430	257,755	257,755
South Asia	23,980	26,982	30,007	30,720	31,470	31,470
Southeast Asia	35,509	38,654	41,224	43,100	44,610	44,310
Central America	6,175	6,650	6,690	7,130	7,225	7,225
Others	3,556	3,581	3,979	3,944	3,865	3,990
Total	869,331	942,738	963,870	977,227	1,006,787	1,008,785
Ending Stocks						
North America	23,383	35,495	49,494	51,449	67,717	66,243
South America	13,628	19,022	12,664	9,408	11,607	10,757
European Union - 28	5,146	6,891	9,471	6,838	5,189	5,117
Other Europe	384	505	860	764	1,120	1,123
Former Soviet Union - 12	1,948	3,368	3,023	1,745	2,185	1,765
Middle East	4,286	6,035	7,200	7,639	6,621	6,617
North Africa	1,771	3,117	3,306	2,904	2,434	2,470
Sub-Saharan Africa	6,589	7,534	9,487	6,874	7,334	7,436
East Asia	70,378	84,856	103,925	114,248	107,071	107,111
South Asia	1,744	3,005	3,935	2,470	2,550	2,840
Southeast Asia	3,225	4,466	4,510	4,577	4,533	4,180
Central America	474	610	587	715	755	755
Others	334	397	453	420	347	397
Total	133,290	175,301	208,915	210,051	219,463	216,811

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 Sep	2016/ 17 Oct
TY Exports						
Argentina	3,647	2,829	1,599	2,800	2,100	2,100
Australia	4,622	6,261	5,266	5,200	6,700	6,700
Canada	1,316	1,714	1,384	1,150	1,600	1,600
European Union	6,501	4,926	10,642	10,100	6,500	6,200
India	546	546	97	100	200	100
Kazakhstan	151	501	476	800	700	700
Russia	2,366	2,791	5,807	3,700	4,400	4,000
Serbia	26	18	37	40	60	60
Ukraine	2,659	3,827	4,332	4,600	5,000	5,000
Uruguay	107	36	43	25	50	50
Others	58	42	123	40	75	75
Subtotal	21,999	23,491	29,806	28,555	27,385	26,585
United States	163	336	291	175	300	260
World Total	22,162	23,827	30,097	28,730	27,685	26,845
TY Imports						
Algeria	364	778	723	900	900	900
Brazil	369	337	489	500	450	450
China	2,183	4,891	9,859	6,200	5,000	5,000
Colombia	232	253	249	300	285	285
Egypt	37	46	98	75	100	100
European Union	53	58	269	200	300	350
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	900	800
Kuwait	388	436	412	400	400	400
Libya	573	681	1,001	1,000	800	800
Mexico	47	108	186	175	175	175
Morocco	148	471	276	900	1,000	900
Peru	103	87	122	100	110	110
Saudi Arabia	10,200	8,500	8,200	10,700	10,500	10,500
Syria	300	100	100	100	200	200
Tunisia	762	456	483	650	700	600
Turkey	266	596	332	120	400	300
United Arab Emirates	541	468	394	400	400	400
Others	1,116	1,079	1,243	1,108	961	961
Subtotal	21,213	23,040	28,470	27,928	26,556	26,206
Unaccounted	518	264	1,197	422	729	239
United States	431	523	430	380	400	400
World Total	22,162	23,827	30,097	28,730	27,685	26,845

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 Sep	2016/ 17 Oct
Production						
Argentina	5,000	4,750	2,900	4,940	3,650	3,650
Australia	7,472	9,174	8,646	8,593	9,900	9,900
Belarus	1,917	1,674	1,988	2,000	2,100	2,100
Canada	8,012	10,237	7,119	8,225	8,700	8,500
China	1,626	1,700	1,810	1,800	2,000	2,000
Ethiopia	1,782	1,908	1,953	1,950	2,050	2,050
European Union	54,875	59,674	60,658	61,520	60,026	59,584
India	1,619	1,752	1,831	1,613	1,700	1,510
Iran	2,770	2,800	3,200	3,800	3,800	3,800
Iraq	500	944	1,000	1,050	1,100	1,100
Kazakhstan	1,500	2,539	2,412	2,675	2,700	2,700
Morocco	1,201	2,723	1,700	3,500	900	1,076
Russia	13,952	15,389	20,026	17,083	18,500	18,000
Turkey	5,500	7,300	4,000	7,400	4,750	4,750
Ukraine	6,935	7,561	9,450	8,751	9,700	9,700
Others	9,354	9,425	9,122	9,134	9,029	8,994
Subtotal	124,015	139,550	137,815	144,034	140,605	139,414
United States	4,768	4,719	3,953	4,750	4,129	4,339
World Total	128,783	144,269	141,768	148,784	144,734	143,753
Total Consumption						
Algeria	2,000	2,050	2,050	2,150	2,050	2,050
Argentina	1,300	1,700	1,500	1,600	1,600	1,600
Australia	3,000	2,800	3,000	3,000	3,000	3,000
Belarus	2,000	1,800	2,000	2,000	2,100	2,100
Canada	6,811	7,718	6,471	6,956	6,965	6,965
China	4,000	6,300	11,600	8,200	7,100	7,100
Ethiopia	1,725	1,925	1,975	2,010	2,025	2,025
European Union	51,000	53,400	50,900	51,700	53,900	54,100
Iran	4,300	4,500	4,600	5,300	5,600	5,600
Kazakhstan	1,375	2,000	2,000	2,000	2,000	2,000
Morocco	1,900	2,300	2,700	3,450	2,700	2,800
Russia	12,100	12,700	14,100	13,600	14,000	13,900
Saudi Arabia	8,325	8,625	8,525	10,225	10,725	10,725
Turkey	6,200	6,950	5,350	6,900	5,500	5,500
Ukraine	5,100	5,000	4,700	4,700	4,900	4,900
Others	15,749	16,461	16,724	17,242	17,174	17,154
Subtotal	126,429	136,003	137,297	143,122	142,328	141,644
United States	4,638	4,775	4,235	4,406	4,419	4,637
World Total	131,067	140,778	141,532	147,528	146,747	146,281
Ending Stocks						
Algeria	1,217	1,178	1,304	1,354	1,204	1,204
Australia	536	693	1,120	1,213	1,413	1,413
Canada	983	1,950	1,217	1,443	1,653	1,553
European Union	5,044	5,621	5,920	5,243	5,172	4,877
Iran	1,418	618	1,418	1,618	1,418	1,418
Russia	726	904	1,533	836	986	986
Saudi Arabia	3,006	3,396	3,081	3,866	3,651	3,651
Others	5,695	7,715	6,798	7,562	5,822	5,586
Subtotal	18,625	22,075	22,391	23,135	21,319	20,688
United States	1,750	1,791	1,711	2,223	2,049	2,142
World Total	20,375	23,866	24,102	25,358	23,368	22,830

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Sep 2016/ 17	Oct 2016/ 17
TY Imports						
North America	499	640	781	680	650	650
South America	1,064	886	1,169	1,170	980	980
European Union - 28	53	58	269	200	300	350
Other Europe	126	163	120	102	155	155
Former Soviet Union - 12	378	352	226	155	230	230
Middle East	13,906	12,537	12,480	14,830	14,755	14,555
North Africa	1,884	2,432	2,581	3,525	3,500	3,300
Sub-Saharan Africa	52	116	138	90	120	120
East Asia	3,668	6,320	11,080	7,425	6,225	6,225
South Asia	6	13	24	121	16	16
Oceania	8	46	32	10	25	25
Total	21,644	23,563	28,900	28,308	26,956	26,606
Production						
North America	13,812	15,550	11,918	13,727	13,564	13,574
South America	5,884	5,737	3,769	5,939	4,957	4,955
European Union - 28	54,875	59,674	60,658	61,520	60,026	59,584
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	34,900	34,400
Middle East	9,689	12,047	8,653	12,858	10,068	10,068
North Africa	3,307	4,748	4,010	5,399	2,508	2,684
Sub-Saharan Africa	2,283	2,357	2,446	2,482	2,575	2,542
East Asia	1,920	1,991	2,134	2,088	2,297	2,297
South Asia	1,956	2,261	2,340	2,116	2,232	2,042
Oceania	7,911	9,591	9,052	9,030	10,300	10,300
Total	128,783	144,269	141,768	148,784	144,734	143,753
Domestic Consumption						
North America	12,349	13,243	11,556	12,287	12,309	12,527
South America	3,152	3,528	3,398	3,778	3,813	3,793
European Union - 28	51,000	53,400	50,900	51,700	53,900	54,100
Other Europe	1,298	1,298	1,354	1,349	1,409	1,409
Former Soviet Union - 12	22,339	23,460	24,724	24,220	24,990	24,890
Middle East	22,435	24,410	22,277	26,186	25,566	25,566
North Africa	5,560	6,230	7,159	8,003	6,958	7,058
Sub-Saharan Africa	2,285	2,461	2,505	2,623	2,640	2,640
East Asia	5,812	8,009	13,192	9,780	8,660	8,660
South Asia	1,868	1,715	1,915	2,063	2,088	2,088
Oceania	3,425	3,250	3,450	3,450	3,425	3,425
Total	131,523	141,004	142,430	145,439	145,758	146,156
Ending Stocks						
North America	3,014	3,974	3,326	4,066	4,087	4,080
South America	657	816	716	1,097	1,079	1,089
European Union - 28	5,044	5,621	5,920	5,243	5,172	4,877
Other Europe	220	205	166	134	129	129
Former Soviet Union - 12	2,194	2,605	3,406	2,135	2,105	2,105
Middle East	5,736	5,788	5,515	7,067	6,199	6,099
North Africa	1,715	2,480	2,138	2,907	1,802	1,733
Sub-Saharan Africa	330	338	415	362	429	384
East Asia	736	1,038	1,060	793	655	655
South Asia	141	253	266	294	251	219
Oceania	588	748	1,174	1,260	1,460	1,460
Total	20,375	23,866	24,102	25,358	23,368	22,830

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 Sep	2016/ 17 Oct
TY Exports						
Argentina	3,059	953	954	900	800	800
Australia	1,430	410	1,700	1,000	900	900
Brazil	2	11	13	30	25	25
Ethiopia	75	75	75	25	25	25
India	231	88	121	85	50	50
Nigeria	50	50	100	50	100	100
Ukraine	124	229	156	120	50	150
Others	191	218	199	142	140	140
Subtotal	5,162	2,034	3,318	2,352	2,090	2,190
United States	2,136	5,714	9,269	8,000	6,300	6,300
World Total	7,298	7,748	12,587	10,352	8,390	8,490
TY Imports						
Chile	404	109	98	135	150	150
China	631	4,161	10,162	7,800	5,500	5,500
Colombia	591	104	0	65	50	50
Ethiopia	50	50	30	150	50	50
European Union	291	184	131	120	150	150
Japan	1,897	1,003	903	780	730	730
Kenya	102	94	117	75	100	100
Mexico	1,793	162	29	575	700	700
Pakistan	10	14	32	205	50	100
Sudan	175	75	100	300	100	100
Others	672	802	470	610	395	400
Subtotal	6,616	6,758	12,072	10,815	7,975	8,030
Unaccounted	439	987	488	-563	390	435
United States	243	3	27	100	25	25
World Total	7,298	7,748	12,587	10,352	8,390	8,490

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 Sep	2016/ 17 Oct
Production						
Argentina	4,700	4,400	3,500	3,375	3,400	3,400
Australia	2,230	1,282	2,209	2,037	2,200	2,200
Brazil	2,102	1,890	2,055	1,080	2,000	1,530
Burkina	1,924	1,880	1,708	1,436	1,800	1,900
Cameroon	1,100	1,150	1,150	1,150	1,150	1,150
Chad	1,172	745	897	835	900	900
China	2,556	2,892	2,885	3,000	3,200	3,200
Ethiopia	3,604	3,829	4,339	2,600	3,700	3,700
India	5,281	5,542	5,445	4,410	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	6,500	6,500
Niger	1,376	1,320	1,426	1,917	1,300	1,300
Nigeria	5,943	6,592	6,700	6,150	6,500	6,500
South Sudan	650	720	990	900	900	900
Sudan	4,524	2,249	6,281	2,388	5,500	5,500
Others	6,768	7,206	7,253	6,878	6,987	7,043
Subtotal	51,316	51,017	54,380	45,006	52,837	52,523
United States	6,293	9,966	10,988	15,158	12,408	11,853
World Total	57,609	60,983	65,368	60,164	65,245	64,376
Total Consumption						
Argentina	2,300	2,700	2,800	2,800	2,950	2,950
Australia	1,080	905	505	1,105	1,205	1,205
Brazil	2,300	2,000	2,000	1,150	1,900	1,500
Burkina	1,850	1,900	1,700	1,465	1,800	1,800
Cameroon	1,110	1,165	1,175	1,175	1,175	1,175
Chad	1,150	850	900	865	900	900
China	3,200	6,800	12,900	10,600	8,800	9,300
Ethiopia	3,700	3,900	4,100	3,200	3,650	3,650
India	5,150	5,200	5,100	4,820	5,400	5,350
Mali	1,200	950	1,200	1,300	1,300	1,300
Mexico	8,100	8,300	6,600	6,100	7,200	7,200
Niger	1,200	1,300	1,450	1,820	1,300	1,450
Nigeria	5,900	6,550	6,650	6,050	6,400	6,400
South Sudan	650	790	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	8,758	8,456	8,181	8,293
Subtotal	52,647	55,609	62,774	54,874	59,326	59,583
United States	4,796	4,130	2,459	6,212	5,588	5,335
World Total	57,443	59,739	65,233	61,086	64,914	64,918
Ending Stocks						
Argentina	781	1,202	971	846	396	396
Australia	185	172	246	178	273	273
China	326	568	706	881	471	271
Mexico	285	647	338	363	338	363
Niger	225	270	271	393	221	268
Nigeria	208	200	150	200	200	200
Sudan	588	357	723	306	401	401
Others	1,804	1,751	2,293	1,146	1,341	1,406
Subtotal	4,402	5,167	5,698	4,313	3,641	3,578
United States	385	864	468	931	1,388	1,124
World Total	4,787	6,031	6,166	5,244	5,029	4,702

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Sep 2016/ 17	Oct 2016/ 17
TY Imports						
North America	2,036	165	56	675	725	725
South America	1,071	240	114	245	240	240
European Union - 28	291	184	131	120	150	150
Other Europe	0	0	0	0	0	0
Middle East	194	232	23	45	15	20
North Africa	1	41	1	5	5	5
Sub-Saharan Africa	587	557	586	955	515	515
East Asia	2,650	5,281	11,142	8,650	6,285	6,285
Southeast Asia	18	46	14	15	15	15
Others	11	15	32	205	50	100
Total	6,859	6,761	12,099	10,915	8,000	8,055
Production						
North America	12,467	18,466	17,258	20,708	18,908	18,353
Central America	339	335	335	335	335	335
Caribbean	92	94	94	94	94	94
South America	7,495	7,081	6,404	5,297	6,277	5,807
European Union - 28	473	703	887	731	735	744
Middle East	814	789	691	535	635	635
North Africa	763	754	755	755	755	755
Sub-Saharan Africa	24,708	22,512	28,021	21,869	26,199	26,346
East Asia	2,560	2,895	2,887	3,002	3,202	3,202
South Asia	5,404	5,661	5,548	4,555	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	225	225
Total	57,609	60,983	65,368	60,164	65,245	64,376
Domestic Consumption						
North America	12,896	12,430	9,059	12,312	12,788	12,535
Central America	325	325	330	340	335	335
Caribbean	92	94	94	94	94	94
South America	6,076	5,757	5,785	4,952	5,907	5,507
European Union - 28	795	880	995	860	870	880
Middle East	1,052	894	865	590	645	650
North Africa	756	793	755	755	755	755
Sub-Saharan Africa	24,914	23,177	27,643	23,469	26,339	26,536
East Asia	5,221	7,951	13,911	11,425	9,590	10,090
South Asia	5,283	5,334	5,235	5,176	5,580	5,580
Southeast Asia	68	64	95	65	66	66
Oceania	1,080	905	505	1,105	1,205	1,205
Others	80	75	75	75	75	75
Total	58,638	58,679	65,347	61,218	64,249	64,308
Ending Stocks						
North America	670	1,511	806	1,294	1,726	1,487
Central America	30	33	38	28	23	23
South America	1,146	1,468	1,238	1,023	663	593
European Union - 28	5	18	27	13	19	22
Middle East	65	47	39	25	29	30
North Africa	66	68	69	74	79	79
Sub-Saharan Africa	2,073	1,647	2,310	1,513	1,450	1,618
East Asia	413	627	736	938	525	325
South Asia	109	364	588	93	193	193
Oceania	185	172	246	178	273	273
Others	25	76	69	65	49	59
Total	4,787	6,031	6,166	5,244	5,029	4,702

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 Sep	2016/ 17 Oct
TY Exports						
Argentina	2	2	2	5	5	5
Australia	240	270	270	225	300	300
Canada	1,351	1,732	1,729	1,600	1,500	1,500
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	45	70	70
Others	10	14	8	10	10	10
Subtotal	1,776	2,370	2,384	2,210	2,170	2,170
United States	18	29	29	35	30	30
World Total	1,794	2,399	2,413	2,245	2,200	2,200
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	170	200	200
Colombia	1	2	2	5	5	5
Ecuador	19	21	21	20	20	20
European Union	4	3	4	10	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	30	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	510	555	555
Unaccounted	52	92	170	205	145	145
United States	1,355	1,866	1,767	1,530	1,500	1,500
World Total	1,794	2,399	2,413	2,245	2,200	2,200

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 Sep	2016/ 17 Oct
Production						
Algeria	110	110	110	110	110	110
Argentina	496	445	525	553	500	500
Australia	1,121	1,255	1,198	1,308	1,600	1,600
Belarus	422	352	522	400	400	400
Brazil	361	380	351	783	650	650
Canada	2,830	3,906	2,979	3,430	3,020	3,000
Chile	680	610	421	533	600	600
China	600	580	600	600	600	600
European Union	7,909	8,380	7,832	7,503	8,019	7,807
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	4,700	4,700
Turkey	210	210	210	210	210	210
Ukraine	630	467	610	498	550	550
Others	315	318	296	329	334	334
Subtotal	20,227	22,555	21,476	21,351	21,898	21,666
United States	892	938	1,019	1,300	1,116	940
World Total	21,119	23,493	22,495	22,651	23,014	22,606
Total Consumption						
Algeria	119	118	126	140	135	135
Argentina	500	425	525	550	500	500
Australia	925	950	950	1,025	1,250	1,250
Belarus	400	375	500	400	400	400
Brazil	350	375	345	765	640	640
Canada	1,592	1,660	1,681	1,616	1,650	1,650
Chile	600	570	355	425	525	525
China	675	700	750	795	850	850
European Union	7,700	8,075	7,730	7,480	7,800	7,700
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	4,600	4,600
Turkey	215	215	215	215	215	215
Ukraine	600	475	600	450	450	450
Others	451	491	471	501	529	529
Subtotal	19,217	20,254	20,090	19,844	20,352	20,252
United States	2,743	2,757	2,447	2,701	2,684	2,611
World Total	21,960	23,011	22,537	22,545	23,036	22,863
Ending Stocks						
Australia	60	105	93	151	201	201
Canada	446	1,054	673	930	815	795
Chile	61	45	27	60	60	60
China	139	135	147	122	72	72
European Union	901	894	781	600	620	512
Russia	203	230	289	197	287	287
Ukraine	81	67	38	43	66	73
Others	190	201	220	226	218	221
Subtotal	2,081	2,731	2,268	2,329	2,339	2,221
United States	527	359	780	825	779	676
World Total	2,608	3,090	3,048	3,154	3,118	2,897

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Sep 2016/ 17	Oct 2016/ 17
TY Imports						
North America	1,472	1,986	1,865	1,640	1,615	1,615
South America	26	29	30	30	30	30
European Union - 28	4	3	4	10	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	30	50	50
East Asia	138	162	209	220	250	250
Oceania	0	0	0	0	0	0
Total	1,742	2,307	2,243	2,040	2,055	2,055
Production						
North America	3,806	4,935	4,091	4,817	4,226	4,030
South America	1,577	1,478	1,325	1,910	1,792	1,792
European Union - 28	7,909	8,380	7,832	7,503	8,019	7,807
Other Europe	365	348	369	372	375	375
Former Soviet Union - 12	5,285	6,062	6,631	5,675	5,931	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	1,630	1,630
Total	21,119	23,493	22,495	22,651	23,014	22,606
Domestic Consumption						
North America	4,530	4,602	4,303	4,507	4,524	4,451
South America	1,515	1,447	1,285	1,808	1,737	1,737
European Union - 28	7,700	8,075	7,730	7,480	7,800	7,700
Other Europe	474	434	434	447	456	456
Former Soviet Union - 12	5,531	6,031	6,531	5,701	5,726	5,726
Middle East	215	215	215	215	215	215
North Africa	175	164	163	196	200	200
Sub-Saharan Africa	72	95	94	85	105	105
East Asia	730	750	800	845	900	900
Oceania	943	978	985	1,059	1,280	1,280
Total	21,885	22,791	22,540	22,343	22,943	22,770
Ending Stocks						
North America	974	1,417	1,459	1,761	1,600	1,477
South America	128	129	106	150	147	150
European Union - 28	901	894	781	600	620	512
Other Europe	27	41	38	38	32	32
Former Soviet Union - 12	332	346	397	304	417	424
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	3,048	3,154	3,118	2,897

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 Sep	2016/ 17 Oct
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	40	50	50
Ukraine	16	59	13	20	10	10
Others	1	1	1	0	0	0
Subtotal	421	446	396	325	365	365
United States	7	6	3	6	5	5
World Total	428	452	399	331	370	370
TY Imports						
European Union	68	96	96	50	75	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	20	0	0
Subtotal	200	202	162	135	160	160
Unaccounted	7	46	-25	-24	10	10
United States	221	204	262	220	200	200
World Total	428	452	399	331	370	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 Sep	2016/ 17 Oct
Production						
Argentina	40	52	97	61	75	75
Belarus	1,082	648	867	800	800	800
Canada	337	223	218	225	380	380
European Union	8,763	10,151	8,873	7,835	8,349	8,122
Russia	2,132	3,360	3,279	2,084	2,300	2,300
Turkey	370	365	300	350	350	350
Ukraine	676	638	475	394	375	375
Others	146	126	144	121	133	137
Subtotal	13,546	15,563	14,253	11,870	12,762	12,539
United States	166	194	183	295	311	342
World Total	13,712	15,757	14,436	12,165	13,073	12,881
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	118	150	150
European Union	8,700	9,650	8,600	8,100	8,600	8,500
Kazakhstan	50	40	65	37	45	45
Norway	26	28	20	27	32	32
Russia	2,000	3,100	3,250	2,175	2,250	2,250
Turkey	375	350	325	350	350	350
Ukraine	625	625	475	415	350	350
Others	132	140	102	96	112	116
Subtotal	13,146	14,766	13,947	12,185	12,820	12,724
United States	387	424	406	515	525	554
World Total	13,533	15,190	14,353	12,700	13,345	13,278
Ending Stocks						
Belarus	167	160	172	167	112	112
Canada	46	44	42	51	131	131
European Union	795	1,204	1,395	1,020	690	567
Kazakhstan	3	8	4	4	4	4
Russia	153	344	264	130	135	135
Turkey	18	33	14	14	14	14
Ukraine	166	128	106	80	95	95
Others	7	4	3	2	1	1
Subtotal	1,355	1,925	2,000	1,468	1,182	1,059
United States	10	7	15	12	22	24
World Total	1,365	1,932	2,015	1,480	1,204	1,083

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/ 13	2013/ 14	2014/ 15	2015/ 16	Sep 2016/ 17	Oct 2016/ 17
TY Imports						
North America	221	204	262	220	200	200
South America	0	0	0	0	0	0
European Union - 28	68	96	96	50	75	75
Other Europe	32	23	11	20	25	25
Former Soviet Union - 12	27	5	5	25	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	355	360	360
Production						
North America	503	417	401	520	691	722
South America	47	59	105	69	83	87
European Union - 28	8,763	10,151	8,873	7,835	8,349	8,122
Other Europe	46	53	52	51	52	52
Former Soviet Union - 12	3,940	4,689	4,682	3,315	3,520	3,520
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	12,165	13,073	12,881
Domestic Consumption						
North America	514	531	540	633	675	704
South America	47	59	105	69	83	87
European Union - 28	8,700	9,650	8,600	8,100	8,600	8,500
Other Europe	78	77	66	71	77	77
Former Soviet Union - 12	3,675	4,415	4,640	3,427	3,495	3,495
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	12,716	13,364	13,297
Ending Stocks						
North America	56	51	57	63	153	155
South America	0	0	0	0	0	0
European Union - 28	795	1,204	1,395	1,020	690	567
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	489	640	546	381	346	346
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	1,480	1,204	1,083

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



HISTORICAL DATA SERIES FOR SELECTED REGIONS AND COUNTRIES

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European Union: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat								
2005/06	26.0	5.1	132.9	6.8	15.7	63.0	128.2	24.1
2006/07	24.7	5.1	125.7	5.2	13.9	60.2	126.2	14.8
2007/08	24.9	4.9	120.8	6.8	12.4	52.4	117.2	12.8
2008/09	26.8	5.7	151.9	7.7	25.4	60.5	127.6	19.4
2009/10	26.0	5.4	139.7	5.4	22.3	57.5	125.6	16.6
2010/11	26.0	5.3	136.7	4.6	23.1	52.5	122.8	11.9
2011/12	25.8	5.3	138.2	7.4	16.7	57.5	127.2	13.5
2012/13	26.0	5.2	133.9	5.3	22.8	51.0	119.3	10.7
2013/14	25.9	5.6	144.6	4.0	32.0	49.0	117.3	9.9
2014/15	26.7	5.9	156.9	6.0	35.4	55.0	124.7	12.7
2015/16	26.8	6.0	160.0	6.9	34.7	61.0	131.0	14.0
2016/17	26.9	5.3	143.2	7.0	25.0	58.0	128.7	10.5
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	151.8	13.9	13.0	116.3	157.0	14.6
2016/17	30.2	5.0	151.8	14.1	8.3	119.7	160.5	11.7
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	287.2	31.6
2015/16	57.1	5.5	311.8	20.8	47.6	177.3	288.0	28.6
2016/17	57.1	5.2	295.0	21.1	33.3	177.7	289.2	22.2

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	128.0	3.5	0.8	15.0	117.0	110.7
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	17.4	0.0	166.8	238.9	112.2
2016/17	38.1	5.9	223.7	13.7	0.0	170.0	245.2	104.4
Wheat and Coarse Grains								
2005/06	51.6	4.8	245.3	3.4	5.2	107.0	248.6	71.4
2006/07	54.7	4.9	267.4	1.5	8.2	109.0	255.5	76.6
2007/08	55.6	4.8	268.5	1.2	3.7	114.7	263.9	78.6
2008/09	55.8	5.1	284.9	2.1	0.9	117.1	266.7	98.0
2009/10	57.6	4.9	284.9	5.2	1.1	129.1	280.3	106.7
2010/11	58.9	5.1	299.0	3.6	1.1	141.8	298.9	109.2
2011/12	59.8	5.3	316.0	10.9	1.1	156.0	318.7	116.3
2012/13	61.3	5.4	333.2	8.6	1.1	171.1	334.7	122.3
2013/14	62.4	5.6	347.3	19.2	0.9	173.8	340.0	147.9
2014/15	63.3	5.5	349.0	27.6	0.8	174.8	345.6	178.1
2015/16	64.3	5.6	362.0	20.8	0.8	177.3	350.9	209.3
2016/17	62.4	5.6	351.7	17.2	0.8	185.0	362.2	215.2

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	1.8	1.0	1.2	4.9	1.1
2016/17	1.0	4.7	4.6	1.8	1.4	1.4	5.1	1.0
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	1.7	6.9	8.2	0.9
2016/17	1.9	5.4	10.0	0.9	2.3	6.9	8.3	1.3
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	2.7	2.6	8.1	13.1	2.1
2016/17	2.8	5.1	14.6	2.7	3.6	8.3	13.4	2.3

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	7.4	51.5	25.7	77.9	15.7
2016/17	49.8	2.6	131.4	7.5	54.6	27.1	79.6	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	0.6	30.9	40.2	55.3	4.6
2016/17	28.0	3.2	88.9	0.7	32.7	41.4	56.8	4.7

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	12.0	1.4	16.5	0.1	8.5	2.2	7.0	3.6
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	0.0	17.4	4.5	12.5	2.5
2016/17	6.5	4.2	27.0	0.1	15.5	4.0	12.0	2.1
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	2.7	0.2	2.4	9.7	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	3.8	0.7	2.9	12.2	2.5
2016/17	3.3	2.6	8.7	4.2	0.4	3.0	12.4	2.6
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	7.4	51.5	25.7	77.9	15.7
2016/17	49.8	2.6	131.4	7.5	54.6	27.1	79.6	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	1.9	1.5	2.7	0.0	0.7	1.7	2.0	0.1
Russia								
2013/14	8.0	1.9	15.4	0.2	2.7	8.3	12.7	0.9
2014/15	8.8	2.3	20.0	0.0	5.3	9.2	14.1	1.5
2015/16	8.0	2.1	17.1	0.1	4.2	8.9	13.6	0.8
2016/17	8.0	2.3	18.0	0.1	4.0	9.1	13.9	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	0.9
2016/17	3.1	3.2	9.7	0.0	5.0	3.4	4.9	0.7
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	0.0	0.0	0.2	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	2.8	3.6	0.3
2016/17	1.4	2.7	3.8	0.1	0.1	2.9	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	0.2	9.6	16.8	24.2	2.1
2016/17	14.4	2.4	34.4	0.2	9.8	17.4	24.9	2.1

Former Soviet Union: Grain Supply and Demand (Corn)
Millions of Tons/ Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2013/14	0.1	5.3	0.6	0.0	0.0	0.5	0.6	0.0
2014/15	0.1	5.3	0.7	0.0	0.0	0.5	0.6	0.1
2015/16	0.1	5.3	0.7	0.0	0.0	0.6	0.7	0.2
2016/17	0.1	5.4	0.7	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	0.0	16.5	6.7	8.0	0.7
2016/17	4.3	6.1	26.0	0.1	17.7	6.9	8.3	0.7
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	0.1	3.0	3.3	0.6
2016/17	0.9	3.7	3.2	0.3	0.3	2.9	3.2	0.6
Total Former Soviet Union - 12								
2013/14	8.3	5.7	46.9	0.4	24.8	18.4	21.1	3.4
2014/15	8.3	5.3	43.8	0.5	23.2	18.8	21.5	3.0
2015/16	7.9	5.1	40.4	0.4	21.1	18.4	21.0	1.7
2016/17	8.1	5.4	44.1	0.4	22.6	19.1	21.9	1.8

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	3.9	2.9	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	12.9	2.2	28.3	0.2	20.5	4.0	7.5	6.8
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	3.8	9.1	7.1
2015/16	9.6	2.9	27.6	0.5	22.1	2.6	7.8	5.2
2016/17	9.3	3.4	31.5	0.5	22.0	4.0	9.2	6.0
European Union								
2012/13	26.0	5.2	133.9	5.3	22.8	51.0	119.3	10.7
2013/14	25.9	5.6	144.6	4.0	32.0	49.0	117.3	9.9
2014/15	26.7	5.9	156.9	6.0	35.4	55.0	124.7	12.7
2015/16	26.8	6.0	160.0	6.9	34.7	61.0	131.0	14.0
2016/17	26.9	5.3	143.2	7.0	25.0	58.0	128.7	10.5
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	12.0	1.4	16.5	0.1	8.5	2.2	7.0	3.6
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	0.0	17.4	4.5	12.5	2.5
2016/17	6.5	4.2	27.0	0.1	15.5	4.0	12.0	2.1
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	81.9	201.6	44.1
2015/16	97.4	3.3	325.5	8.5	132.5	88.1	208.6	37.0
2016/17	99.0	3.4	332.9	8.3	129.5	87.8	209.2	39.5

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

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Argentina								
2008/09	2.5	6.2	15.5	0.0	10.3	4.5	6.4	0.9
2009/10	3.0	8.3	25.0	0.0	16.5	5.0	6.9	2.5
2010/11	3.8	6.7	25.2	0.0	16.3	5.3	7.3	4.0
2011/12	3.6	5.8	21.0	0.0	17.1	4.8	7.0	0.9
2012/13	4.0	6.8	27.0	0.0	18.7	5.3	7.9	1.3
2013/14	3.4	7.6	26.0	0.0	17.1	5.8	8.8	1.4
2014/15	3.5	8.2	28.7	0.0	18.9	6.0	9.3	1.9
2015/16	3.5	8.0	28.0	0.0	19.5	6.0	9.3	1.1
2016/17	4.5	8.1	36.5	0.0	25.0	6.8	10.5	2.1
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	4.2	67.0	2.3	16.5	46.8	55.3	5.3
2016/17	16.4	5.1	83.5	0.6	25.5	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	6.0	216.0	3.0	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	3.6	7.9	3.0	0.7	5.7	11.2	1.4
2016/17	3.2	4.1	13.0	0.5	1.5	5.6	11.3	2.1
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	112.7
2015/16	59.8	5.5	327.5	8.5	36.7	212.0	293.3	118.6
2016/17	60.1	5.8	349.0	4.1	52.0	220.4	305.8	113.9

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	2.4	9.9	0.0	6.7	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	5.3	6.5	1.2
2015/16	2.4	3.5	8.2	0.2	1.2	5.8	7.0	1.4
2016/17	2.3	3.7	8.5	0.1	1.5	5.8	7.0	1.6
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	10.8	36.3	51.7	5.2
2016/17	12.5	4.8	59.6	0.4	6.2	38.7	54.1	4.9

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

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Argentina								
2008/09	0.5	3.7	1.7	0.0	1.1	1.0	1.1	0.2
2009/10	0.8	4.8	3.6	0.0	1.8	1.7	1.9	0.2
2010/11	1.0	4.4	4.4	0.0	1.7	1.7	1.9	0.9
2011/12	1.0	4.2	4.2	0.0	3.1	1.7	1.9	0.2
2012/13	1.1	4.5	4.7	0.0	1.8	2.0	2.3	0.8
2013/14	1.0	4.4	4.4	0.0	1.3	2.3	2.7	1.2
2014/15	0.8	4.5	3.5	0.0	0.9	2.4	2.8	1.0
2015/16	0.8	4.5	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	23,518	22,999	3,094	31,334	20,477
2015/16	19,149	3	nr	56,117	3,073	3,056	21,094	21,856	4,134	32,019	26,554
2016/17	17,762	4	nr	62,859	3,402	3,400	26,535	26,000	7,076	35,299	30,981
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	1,714	1,715	48,202	50,500	131,875	298,831	44,141
2016/17	35,141	11	nr	382,476	1,270	1,250	56,518	56,500	143,517	312,434	58,935
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	117	100	8,600	8,000	2,612	6,212	931
2016/17	2,446	5	nr	11,853	25	25	6,350	6,300	2,286	5,335	1,124
Barley											
2014/15	1,011	4	nr	3,953	513	430	311	291	936	4,235	1,711
2015/16	1,278	4	nr	4,750	403	380	235	175	1,085	4,406	2,223
2016/17	1,035	4	nr	4,339	435	400	218	260	1,306	4,637	2,142
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	1,530	29	35	1,582	2,701	825
2016/17	397	2	nr	940	1,551	1,500	29	30	1,479	2,611	676
Rye											
2014/15	104	2	nr	183	237	262	6	3	164	406	15
2015/16	148	2	nr	295	222	220	5	6	270	515	12
2016/17	168	2	nr	342	230	200	6	5	306	554	24
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	766	765	3,421	3,450	nr	3,529	1,475
2016/17	1,268	8	10,704	7,493	746	775	3,556	3,550	nr	4,223	1,935

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	532.2	3.4	1,794.8	279.5	807.6	1,813.8	340.8
2013/14	540.6	3.7	1,995.2	327.4	861.3	1,930.4	405.6
2014/15	546.9	3.7	2,034.6	335.3	884.6	1,978.1	462.2
2015/16	545.6	3.6	1,982.8	356.8	900.5	1,959.0	486.0
2016/17	543.2	3.8	2,059.2	350.7	935.3	2,047.6	497.6

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	194.0
2014/15	221.6	3.3	728.3	161.8	131.8	706.1	216.1
2015/16	224.9	3.3	735.0	172.2	137.1	711.4	239.7
2016/17	221.4	3.4	744.4	173.5	144.9	735.7	248.4
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	316.4	3.6	1,136.5	132.2	669.3	1,134.7	164.0
2013/14	321.0	4.0	1,280.1	164.9	734.7	1,232.5	211.7
2014/15	325.3	4.0	1,306.4	173.5	752.8	1,272.0	246.1
2015/16	320.6	3.9	1,247.8	184.7	763.3	1,247.5	246.4
2016/17	321.8	4.1	1,314.8	177.2	790.3	1,311.9	249.3

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 Corn and Barley: Supply and Demand

Millions of Metric Tons/ Hectares

	Area Harvested	Yield	Productio n	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Corn							
1994/95	135.2	4.1	559.6	71.9	371.6	535.7	153.3
1995/96	135.0	3.8	516.7	64.8	365.2	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	869.8	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	179.7	5.6	1,014.4	128.0	585.6	980.8	208.9
2015/16	177.4	5.4	959.1	143.0	598.5	958.0	210.1
2016/17	180.2	5.7	1,025.7	139.3	624.2	1,018.9	216.8
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	49.6	2.9	141.8	30.1	97.4	141.5	24.1
2015/16	50.2	3.0	148.8	28.7	100.0	147.5	25.4
2016/17	48.9	2.9	143.8	26.8	100.6	146.3	22.8

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	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	150.2	3.8	563.8	380.4	18.9	378.2	120.3
1997/98	151.7	3.8	575.3	387.4	27.6	380.0	127.7
1998/99	153.3	3.8	587.0	394.9	24.8	388.6	134.0
1999/00	155.9	3.9	608.8	409.3	22.8	400.3	143.1
2000/01	152.8	3.9	594.1	399.2	24.3	395.6	146.7
2001/02	151.6	3.9	594.3	399.5	27.9	413.2	132.9
2002/03	147.7	3.8	563.0	378.2	27.6	408.1	103.0
2003/04	149.5	3.9	585.4	392.5	27.3	413.8	81.7
2004/05	151.4	3.9	596.4	400.8	28.9	408.5	74.0
2005/06	154.2	4.0	622.2	417.8	29.0	415.4	76.5
2006/07	154.3	4.1	625.0	420.1	31.8	421.2	75.4
2007/08	155.0	4.2	643.5	433.6	29.5	428.1	80.8
2008/09	158.3	4.2	668.7	449.3	29.4	437.5	92.6
2009/10	155.9	4.2	656.2	440.7	31.8	438.3	95.0
2010/11	158.4	4.2	672.1	450.4	36.5	445.3	100.0
2011/12	160.6	4.3	697.2	467.6	40.0	460.8	106.8
2012/13	159.1	4.4	704.5	472.5	39.5	465.5	113.9
2013/14	161.8	4.4	713.4	478.4	44.1	478.3	114.0
2014/15	161.2	4.4	713.8	478.7	42.7	478.1	114.6
2015/16	159.2	4.4	703.8	472.1	40.4	471.1	115.6
2016/17	162.2	4.4	720.5	483.3	41.1	478.2	120.7

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 September 2016. For further details on world grain production, please see World Agricultural Production October 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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