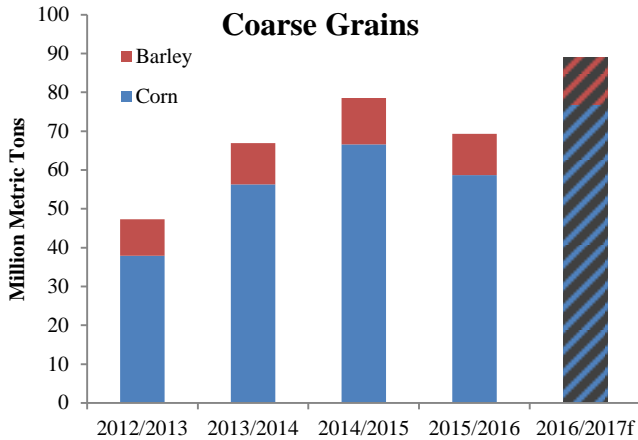




Grain: World Markets and Trade

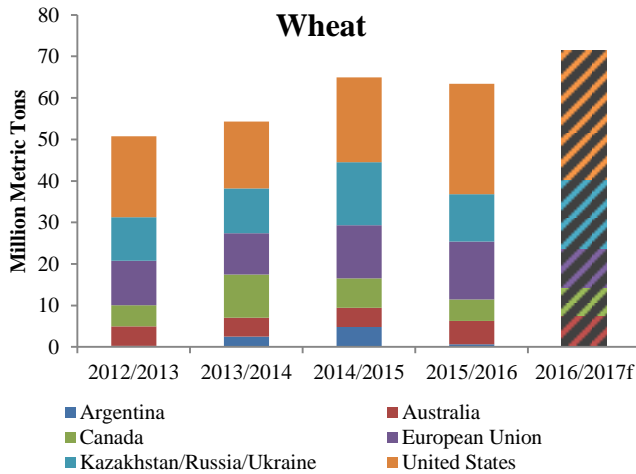
March 2017

Coarse Grain and Wheat Exporter Stocks Expand While Rice Declines

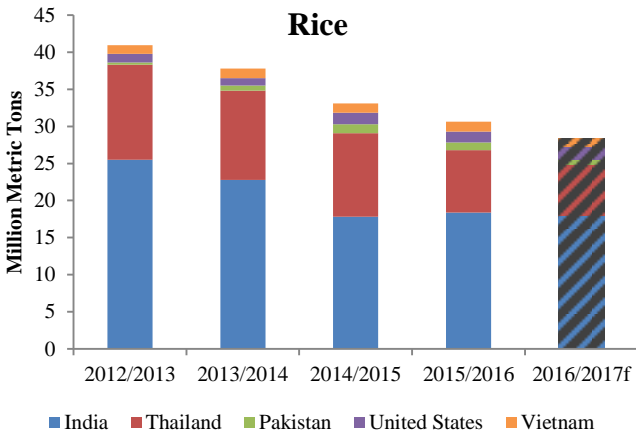


*Note: Major coarse grains exporters include Argentina, Australia, Brazil, European Union, Russia, Ukraine, and the United States

Ending stocks for major exporters of **coarse grains** are expected to swell even further this month. In Argentina and Brazil, corn production is forecast to reach record levels with favorable crop prospects. For barley, Australia's crop is projected to soar on account of record yields. As a result, barley ending stocks in Australia are expected to triple from the previous year. In the United States, corn ending stocks are forecast to increase about 35 percent (15 million tons) from a year ago. Hence, production from major exporters will more than satisfy global demand. Notably, a sharp seasonal drop in Argentine corn prices this month signals a competitive market with abundant supplies.*



Similarly, exporter-held **wheat** stocks are forecast to be the largest in 6 years. These are available to the world market and therefore have a direct impact on prices. U.S. stocks, representing the biggest piece of that total, are forecast to rise by 16 percent from last year. Projected stocks in Russia are nearly double and Australian stocks are up 30 percent following record crops in both countries. All of these more than offset the EU decline amid a much smaller crop. Despite record-high global consumption, production is still larger, resulting in higher stocks and lower prices.



In contrast to wheat and coarse grains, major **rice** exporters have seen a decrease in stocks recently. The Thai government is actively auctioning off old rice stocks, with levels declining to around half of what they were 5 years ago. Indian stocks have decreased by nearly a third over that same time, with robust exports. Stocks in Vietnam have also declined, though in Pakistan and United States they have grown. Despite much smaller stocks in India and Thailand, top exporters, prices have remained relatively stable over the past year because of weak import demand. A rise in China's stocks more than offsets the decline in top exporters, leading to the highest global stocks since 2001/02.

The United States, a key player in corn, wheat, and rice trade, is forecast to have the largest stocks in nearly 30 years for each of these commodities.

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TABLE OF CONTENTS

World Markets and Trade: Commentary and Current Data	
Wheat	4
Rice	10
Coarse Grains.....	16
Historical Data Series for Selected Regions and Countries.....	36
Endnotes to Grain: World Markets and Trade.....	55

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 the Production, Supply and Distribution Database (PSD Online): (<https://apps.fas.usda.gov/psdonline/app/index.html#/app/downloads>), select PSD Reports, and then on the left click Grains.

FAS Reports and Databases:

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

<https://apps.fas.usda.gov/psdonline/app/index.html#/app/downloads>

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):

<https://apps.fas.usda.gov/psdonline/app/index.html#/app/home>

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	7.1	361.1	345.5	384.8
Other		673.2	679.2	688.2	471.5	466.1	473.2	654.5	616.4	664.4
World Total		728.3	735.3	751.1	478.6	472.2	480.3	1,015.6	961.9	1,049.2
Domestic Consumption										
United States	(Jun-May)	31.3	32.0	33.9	4.3	3.6	4.2	301.8	298.9	314.8
Other		669.1	677.6	703.1	470.7	464.8	471.4	661.8	681.5	708.9
World Total		700.4	709.6	737.0	475.0	468.4	475.6	963.6	980.4	1,023.7
Ending Stocks										
United States	(Jun-May)	20.5	26.6	30.7	1.6	1.5	1.7	44.0	44.1	58.9
Other		197.0	213.7	219.2	113.3	114.6	116.0	165.7	166.8	161.8
World Total		217.5	240.3	249.9	114.9	116.1	117.7	209.7	210.9	220.7
TY Imports										
United States	(Jun-May)	4.0	3.1	3.2	0.8	0.8	0.8	0.8	1.8	1.4
Other		155.0	165.3	174.1	38.9	36.1	37.4	124.9	136.5	139.9
World Total		159.0	168.4	177.3	39.7	36.9	38.2	125.7	138.3	141.3
TY Exports										
United States	(Jun-May)	23.0	21.9	27.5	3.4	3.5	3.5	46.8	51.2	56.5
Other		138.8	150.2	152.6	39.2	36.9	37.7	81.6	93.7	88.0
World Total		161.8	172.1	180.1	42.6	40.4	41.2	128.4	144.9	144.5

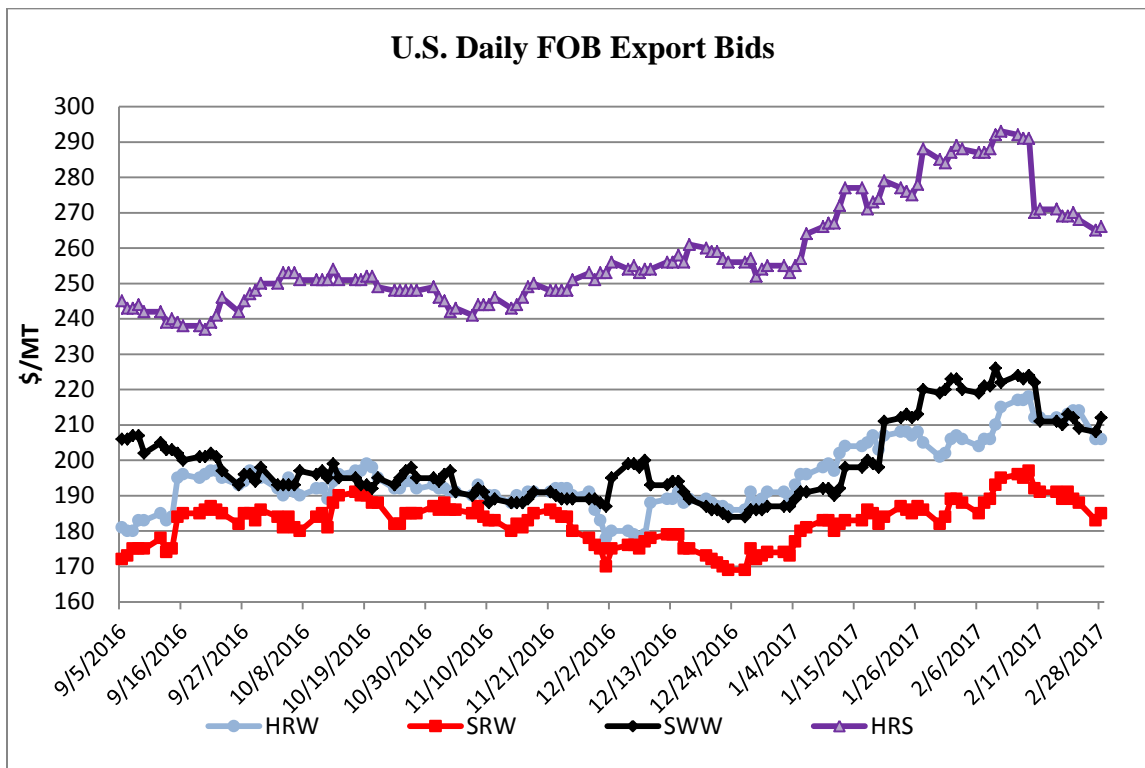
Note: Consumption in this table has not been adjusted for differences in marketing year imports and exports and therefore differs from global totals shown elsewhere. Marketing years for U.S. grains are: Wheat (Jun-May), Rice (Aug-Jul), Corn (Sep-Aug). 'Marketing Year' column is germane for U.S. wheat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

WHEAT: WORLD MARKETS AND TRADE

OVERVIEW

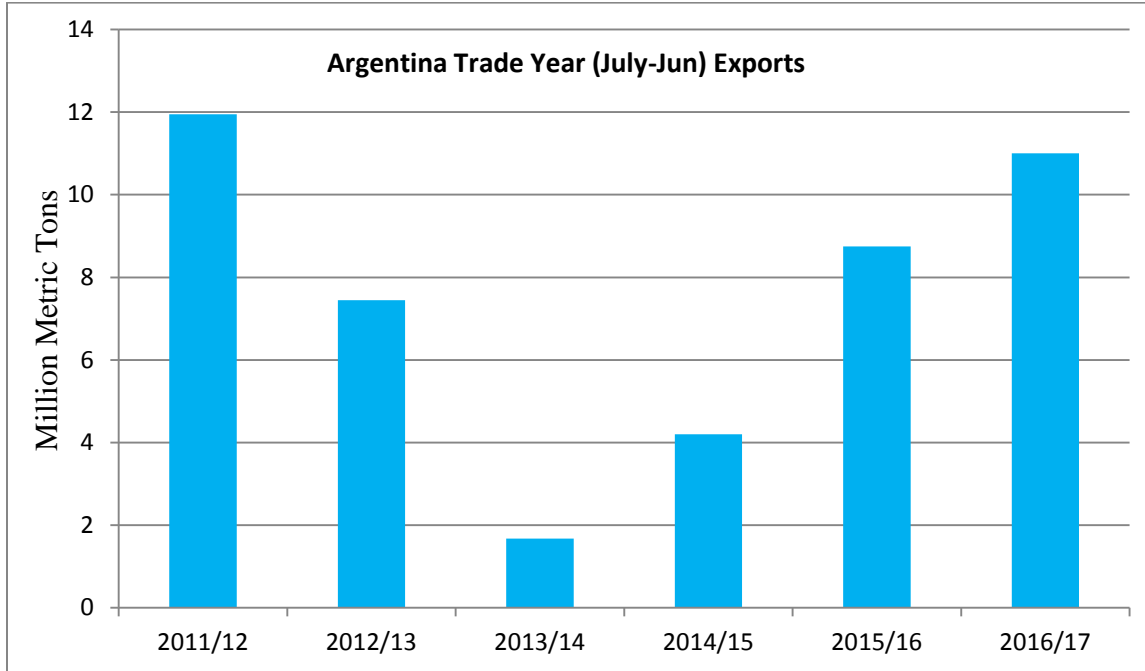
Global wheat production, already at a record, is raised this month mainly on larger crops in Argentina and Australia. Global trade is boosted to a new record with higher imports for Bangladesh, India, Mexico, and the Philippines more than offsetting a cut for the EU. Higher exports for Argentina and Australia are partially offset by lower trade for Canada. The U.S. season-average farm price is unchanged at \$3.85 per bushel.

U.S. PRICES:



Domestic: Overall, wheat prices were mixed during the month of February as the impact of accelerating U.S. export sales was mitigated by large global supplies. Hard Red Winter (HRW) gained \$4/ton to \$206, while Soft Red Winter (SRW) edged \$1/ton higher to \$185 based on growing export demand. Soft White Winter (SWW) eased \$8/ton to \$212, while Hard Red Spring (HRS) plummeted \$18/ton to \$266, but still maintains a large premium over the other wheat classes. SWW and HRS prices fell mid-February on growing competition from other exporters.

ARGENTINA'S WHEAT EXPORTS FORECAST AT FIVE-YEAR HIGH



Argentina's 2016/17 wheat exports are forecast to reach the highest level in 5 years, supported by a bumper crop and competitive prices. This comes a few years after the removal of government policies that limited export opportunities, resulting in low prices, which turned some producers away from wheat. Consequently, wheat exports hit a 40-year low in 2013/14, recovering only slightly the following year. However, exports began to move more freely last year, spurred by the elimination of export restrictions and the depreciation of the Argentine *peso*. In 2016/17, producers responded favorably to the changes in market dynamics by producing the largest crop in 6 years.

Argentina's re-emergence as a prominent exporter has implications for the global wheat market, which is already dealing with bin-busting supplies in many exporting countries. The United States benefited from Argentina's reduced supplies in recent years, briefly becoming the largest wheat exporter to Brazil in 2013/14. Since then, Argentina has not only regained its place as Brazil's major supplier, but has also expanded exports to many countries in Africa and Asia, where import demand is rapidly growing.

TRADE CHANGES IN 2016/17

Selected Exporters

- **Argentina** is boosted 1.5 million tons to 11.0 million on larger production and strong recent shipments.
- **Australia** is up 500,000 tons to 24.0 million on large exportable supplies and large shipments for January.
- **Canada** is down 500,000 tons to 20.5 million due to slower trade to date.
- **Turkey** is raised 200,000 tons to 5.8 million based on fast pace of flour exports.

Selected Importers

- **Bangladesh** is raised 300,000 tons to 5.8 million on a stronger pace of trade and higher expected food use.
- **European Union** is down 500,000 tons to 5.5 million because of abundant domestic supplies of feed-quality wheat.
- **India** is raised 1.8 million tons to 5.5 million based on large purchases of wheat after elimination of the import tariff policy in December 2016.
- **Lebanon** is up 200,000 tons to 1.4 million due to slower-than-expected imports.
- **Mexico** is boosted 300,000 tons to 4.9 million on stronger purchases from the United States.
- **Philippines** is raised 500,000 tons to 5.5 million as the pace of trade signals growing consumption for food and feed.
- **South Africa** is reduced 200,000 tons to 1.5 million based on slower-than-expected trade.
- **Turkey** is cut 200,000 tons to 4.8 million on the slow pace of trade. Wheat feeding is expected lower, offset by surging imports of non-grain feed ingredients.
- **Venezuela** is down 200,000 tons to 1.3 million on slow trade to date as poor economic conditions dampen demand.

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

	2012/13	2013/14	2014/15	2015/16	2016/17 Feb	2016/17 Mar
TY Exports						
Argentina	7,450	1,675	4,200	8,750	9,500	11,000
Australia	21,269	18,339	16,575	15,782	23,500	24,000
Brazil	1,753	81	1,688	1,063	1,600	1,600
Canada	18,584	22,156	24,877	22,141	21,000	20,500
European Union	22,786	32,032	35,418	34,677	25,500	25,500
Kazakhstan	6,801	8,000	5,507	7,600	7,500	7,500
Mexico	729	1,322	1,104	1,568	1,500	1,500
Russia	11,308	18,609	22,800	25,543	28,500	28,500
Turkey	3,583	4,293	4,134	5,609	5,600	5,800
Ukraine	7,190	9,755	11,269	17,431	16,500	16,500
Others	18,084	14,731	11,222	10,047	10,097	10,222
Subtotal	119,537	130,993	138,794	150,211	150,797	152,622
United States	27,734	31,519	22,999	21,856	27,500	27,500
World Total	147,271	162,512	161,793	172,067	178,297	180,122
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	3,929	4,693	5,500	5,800
Brazil	7,547	7,061	5,869	5,922	7,300	7,300
China	2,960	6,773	1,926	3,476	4,000	4,000
Colombia	1,507	1,733	1,627	2,032	2,000	2,000
Egypt	8,400	10,150	11,300	11,925	11,800	11,800
European Union	5,276	3,976	5,975	6,916	6,000	5,500
India	20	22	273	300	3,700	5,500
Indonesia	7,146	7,391	7,478	10,116	9,000	9,000
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	4,500	4,500
Mexico	3,823	4,639	4,476	4,805	4,600	4,900
Morocco	3,825	3,928	4,086	4,503	5,500	5,500
Nigeria	4,168	4,580	4,244	4,410	4,500	4,500
Philippines	3,620	3,476	5,055	4,850	5,000	5,500
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	1,759	3,492	4,872	3,800	3,800
Turkey	3,312	4,149	5,960	4,396	5,000	4,800
Uzbekistan	1,863	2,224	2,230	2,654	2,700	2,700
Vietnam	1,671	2,157	2,296	3,069	5,000	5,000
Yemen	3,207	3,425	3,245	3,323	3,350	3,350
Others	49,609	54,022	53,230	53,957	51,811	51,551
Subtotal	141,265	155,706	155,005	165,344	172,161	174,101
Unaccounted	2,555	2,046	2,824	3,667	2,736	2,821
United States	3,451	4,760	3,964	3,056	3,400	3,200
World Total	147,271	162,512	161,793	172,067	178,297	180,122

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 Feb	2016/17 Mar
Production						
Argentina	9,300	10,500	13,930	11,300	15,000	16,000
Australia	22,856	25,303	23,743	24,168	33,000	35,000
Brazil	4,380	5,300	6,000	5,540	6,700	6,730
Canada	27,205	37,530	29,420	27,594	31,700	31,700
China	121,023	121,930	126,208	130,190	128,850	128,850
Egypt	8,500	8,250	8,300	8,100	8,100	8,100
European Union	133,949	144,583	156,912	160,000	144,862	144,658
India	94,882	93,506	95,850	86,530	87,000	87,000
Iran	13,800	14,500	13,000	15,000	15,500	15,500
Kazakhstan	9,841	13,941	12,996	13,748	14,985	14,985
Pakistan	23,473	24,211	25,979	25,100	25,300	25,300
Russia	37,720	52,091	59,080	61,044	72,500	72,500
Turkey	16,000	18,750	15,250	19,500	17,250	17,250
Ukraine	15,761	22,278	24,750	27,274	26,800	26,800
Uzbekistan	6,700	6,800	7,150	7,200	7,200	7,200
Others	51,942	57,474	54,564	56,849	50,632	50,642
Subtotal	597,332	656,947	673,132	679,137	685,379	688,215
United States	61,298	58,105	55,147	56,117	62,859	62,859
World Total	658,630	715,052	728,279	735,254	748,238	751,074
Total Consumption						
Algeria	9,450	9,850	10,050	10,250	10,250	10,250
Brazil	10,900	11,400	10,700	10,500	11,500	11,500
Canada	9,555	9,422	9,050	7,870	10,200	10,200
China	125,000	116,500	116,500	112,000	118,000	118,000
Egypt	18,700	18,500	19,100	19,200	19,700	19,700
European Union	119,250	117,300	124,677	130,984	129,200	128,700
India	83,824	93,848	93,102	88,551	96,840	98,140
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	39,000	39,000
Turkey	17,650	17,750	17,500	18,000	17,800	17,600
Ukraine	11,400	11,500	11,500	12,300	11,300	11,300
Uzbekistan	8,000	8,400	8,900	9,350	9,700	9,700
Others	146,845	150,394	154,075	160,256	166,009	166,524
Subtotal	641,457	663,685	674,352	680,462	706,484	707,506
United States	37,810	34,261	31,334	32,021	33,911	33,911
World Total	679,267	697,946	705,686	712,483	740,395	741,417
Ending Stocks						
Australia	4,663	4,558	4,670	5,639	6,661	7,329
Canada	5,112	10,398	7,090	5,171	6,156	6,656
China	53,960	65,274	76,105	97,042	111,092	111,092
European Union	10,711	9,938	12,730	13,985	10,147	9,943
India	24,200	17,830	17,220	14,540	8,000	8,500
Iran	5,116	7,301	7,916	8,176	5,976	6,176
Russia	4,933	5,177	6,285	5,601	11,101	11,101
Others	49,584	58,382	65,023	63,581	58,470	58,413
Subtotal	158,279	178,858	197,039	213,735	217,603	219,210
United States	19,538	16,065	20,477	26,552	31,006	30,734
World Total	177,817	194,923	217,516	240,287	248,609	249,944

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Feb 2016/17	Mar 2016/17
TY Imports						
North America	7,759	9,841	8,930	8,353	8,485	8,585
Central America	1,654	1,833	1,834	1,833	1,950	1,950
South America	14,422	14,866	13,132	13,340	15,130	14,980
European Union - 28	5,276	3,976	5,975	6,916	6,000	5,500
Other Europe	1,632	1,858	1,760	1,828	1,795	1,895
Former Soviet Union - 12	7,248	7,506	7,681	7,386	7,520	7,520
Middle East	24,250	28,435	26,919	24,376	25,350	25,150
North Africa	22,047	25,246	25,430	27,852	28,600	28,600
Sub-Saharan Africa	18,508	20,502	21,261	22,862	22,245	22,035
East Asia	17,354	19,465	14,115	16,224	16,810	16,810
South Asia	5,308	6,721	8,163	8,785	13,006	15,106
Southeast Asia	16,294	17,176	20,545	25,487	25,350	25,850
Others	2,964	3,041	3,224	3,158	3,320	3,320
Total	144,716	160,466	158,969	168,400	175,561	177,301
Production						
North America	91,734	99,012	88,254	87,462	98,422	98,422
South America	18,011	19,762	24,352	21,388	25,311	26,341
European Union - 28	133,949	144,583	156,912	160,000	144,862	144,658
Other Europe	3,431	4,103	3,929	4,018	4,606	4,606
Former Soviet Union - 12	77,802	103,885	112,735	118,238	130,215	130,215
Middle East	37,038	41,708	35,414	41,795	39,060	39,060
North Africa	17,501	19,661	17,013	19,912	14,131	14,131
Sub-Saharan Africa	6,736	7,235	7,523	6,313	7,241	7,251
East Asia	122,490	123,248	127,650	131,515	130,136	130,136
South Asia	126,412	125,917	130,154	119,840	120,645	120,645
Oceania	23,345	25,751	24,157	24,582	33,418	35,418
Others	181	187	186	191	191	191
Total	658,630	715,052	728,279	735,254	748,238	751,074
Domestic Consumption						
North America	53,990	50,333	47,234	46,891	51,231	51,361
South America	26,212	27,126	26,780	26,675	28,065	27,765
European Union - 28	119,250	117,300	124,677	130,984	129,200	128,700
Other Europe	4,721	4,807	4,850	4,880	5,120	5,120
Former Soviet Union - 12	71,725	72,750	75,340	78,155	79,290	79,260
Middle East	56,786	58,768	58,460	60,240	61,185	61,210
North Africa	41,340	42,475	42,726	43,646	44,675	44,675
Sub-Saharan Africa	23,990	26,305	27,025	28,532	28,814	28,804
East Asia	140,071	130,201	129,524	125,239	131,700	131,700
South Asia	121,007	132,041	132,302	128,959	138,651	140,201
Southeast Asia	16,515	16,610	19,295	23,195	24,840	25,090
Oceania	8,111	8,280	8,569	8,612	9,365	9,365
Others	3,366	3,494	3,571	3,574	3,774	3,774
Total	687,084	690,490	700,353	709,582	735,910	737,025
Ending Stocks						
North America	24,925	26,782	28,095	32,239	37,521	37,919
South America	3,538	6,834	8,468	5,024	5,084	5,014
European Union - 28	10,711	9,938	12,730	13,985	10,147	9,943
Other Europe	1,057	935	1,101	1,112	1,018	1,118
Former Soviet Union - 12	14,476	15,848	20,684	16,669	21,699	21,629
Middle East	14,300	18,801	18,344	18,443	15,021	14,898
North Africa	12,069	14,049	13,204	16,537	13,913	13,938
Sub-Saharan Africa	2,495	3,041	3,218	3,067	2,909	2,719
East Asia	57,214	68,314	79,217	100,432	114,288	114,288
South Asia	27,995	21,661	23,219	21,224	14,824	15,374
Southeast Asia	3,718	3,491	3,891	5,310	4,900	5,150
Oceania	4,978	4,861	4,956	5,885	6,905	7,573
Others	341	368	389	360	380	381
Total	177,817	194,923	217,516	240,287	248,609	249,944

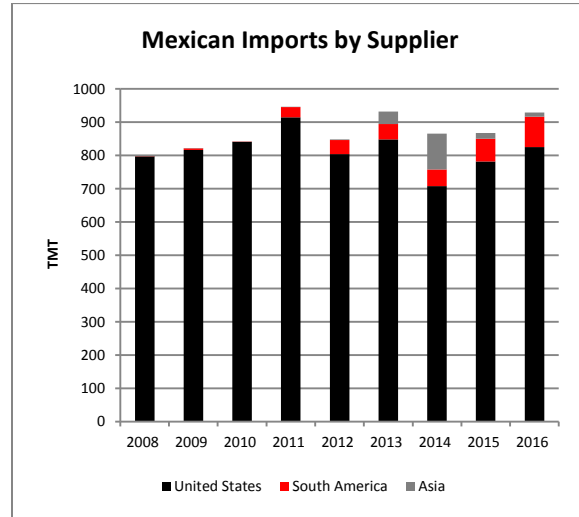
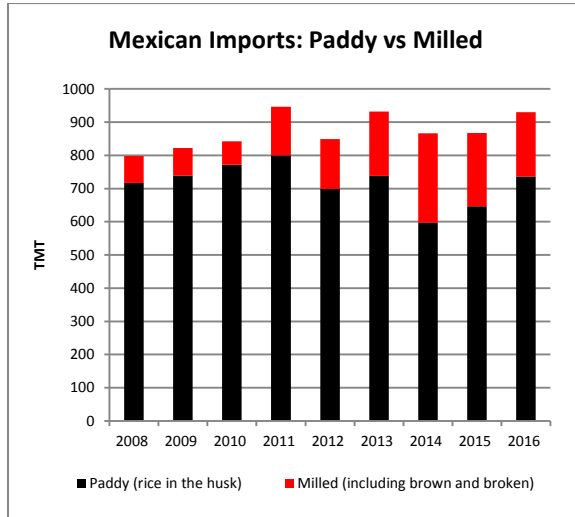
NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

RICE: WORLD MARKETS AND TRADE

OVERVIEW

For 2016/17, global production is raised this month on a larger Brazilian crop. Trade is revised lower on smaller imports for Indonesia, Egypt, and Brazil. Exports are lowered for India and Vietnam, but raised for China. Global stocks are revised lower.

FEATURE



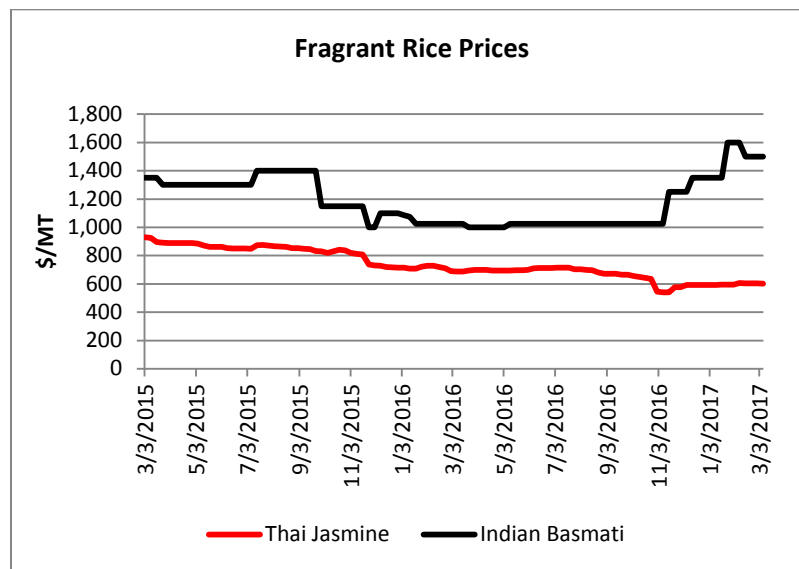
Mexico is the largest rice importer in the Western Hemisphere and the top market for U.S. rice on a product-weight basis. On March 2, 2017, Mexico implemented a tariff-rate quota (TRQ) that will allow 150,000 MT of all types of rice from any origin to enter Mexico duty-free through December 31, 2017. Outside of this TRQ, non-FTA partners face a 9 percent tariff on paddy rice and 20 percent tariff on all other types. U.S. rice, which enters duty-free under NAFTA, held 80 percent of the market share in 2016. Most of Mexico's imports are paddy rice, which have been supplied solely by the United States.

This is not the first time Mexico has loosened rice trade barriers. In 2008 when prices were escalating globally, it removed duties on imports from all origins. Initially, small quantities of competitively-priced South American rice entered the market. However, a decline in domestic milling capabilities in 2011 contributed to the expansion of milled rice imports not only from the United States, but also South America and even Asia. In January 2015, duties were reinstated and the United States regained some market share.

Whereas the prior action to remove duties was for rice at any quantity, this new instance is limited in tonnage. The TRQ volume is approximately the same amount imported from non-U.S. origins in 2014. The United States is expected to remain the dominant supplier, but recent history suggests that other suppliers will likely gain additional sales.

See USDA GAIN Report [MX7005](#) for more details.

PRICES



Fragrant rice, which includes jasmine and basmati, is a niche within total rice trade and generally sells at a significant premium to regular white rice. India is the main source of basmati trade, although some is supplied by Pakistan. Thailand is the major jasmine exporter, with smaller amounts sold by Vietnam, Cambodia, and Laos. Thai government policy over the past couple of years has encouraged jasmine production, and the abundant supplies have resulted in declining prices. Basmati prices in India were stagnant throughout much of 2016. However, they saw strength toward the end of the year on improved export prospects to Iran, the second largest basmati importer. In early 2017, Iran further reduced its trade barriers, which led to a continued escalation of the price. Indian basmati is now quoted at \$1,500/mt, more than double the Thai jasmine quote at \$600/mt. This significant spread is likely one factor in Iran currently tendering for 30,000 mt of Thai jasmine rice, more than it has purchased of this fragrant variety in the past 5 years.

SELECTED TRADE CHANGES for 2017

- **Brazil** imports lowered 100,000 tons to 600,000 on a larger crop.
- **Egypt** imports cut 150,000 tons to 150,000 on reduced government purchases from abroad, as domestic procurement has improved.
- **Guinea** imports are raised 100,000 tons to 600,000 on large purchases of parboiled rice.
- **Indonesia** imports are trimmed 200,000 tons to 800,000 on indications of sufficient domestic supply.
- **China** exports are boosted 225,000 tons to 500,000 on higher volumes to East Asia and West Africa.

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- **India** exports are lowered 300,000 tons to 10.0 million on slower pace and stronger competition in West Africa.
 - **Vietnam** exports are lowered 200,000 tons to 5.6 million on reduced trade to Southeast Asia and Africa.

SELECTED TRADE CHANGES for 2016 – based on trade data

- **China** imports are raised 100,000 tons to 4.6 million.
- **Indonesia** imports are cut 100,000 tons to 1.0 million.
- **Saudi Arabia** imports are trimmed 100,000 tons to 1.4 million.
- **Burma** exports are raised 132,000 tons to 1.3 million.
- **India** exports are lowered 160,000 tons to 10.0 million.

World Rice Trade
January/December Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Feb	2016/17 Mar
TY Exports						
Argentina	526	494	310	527	550	550
Australia	460	404	323	150	250	250
Brazil	830	852	895	641	650	700
Burma	1,163	1,688	1,735	1,303	1,500	1,500
Cambodia	1,075	1,000	1,150	900	1,000	1,000
China	447	393	262	368	275	500
Egypt	700	600	250	200	300	300
European Union	203	284	251	270	280	280
Guyana	346	446	486	460	500	500
India	10,480	11,588	11,046	10,040	10,300	10,000
Pakistan	4,126	3,700	4,000	4,300	4,200	4,200
Paraguay	365	380	371	557	470	470
Thailand	6,722	10,969	9,779	9,867	10,000	10,000
Uruguay	939	957	718	996	850	850
Vietnam	6,700	6,325	6,606	5,100	5,800	5,600
Others	1,116	1,081	1,090	1,192	1,030	1,029
Subtotal	36,198	41,161	39,272	36,871	37,955	37,729
United States	3,295	2,947	3,355	3,541	3,550	3,500
World Total	39,493	44,108	42,627	40,412	41,505	41,229
TY Imports						
Angola	430	500	450	450	475	475
Benin	350	350	400	450	425	475
Brazil	712	586	363	771	700	600
Cameroon	550	525	500	500	530	520
China	3,500	4,450	5,150	4,600	5,000	5,000
Cote d'Ivoire	830	950	1,150	1,300	1,350	1,350
Cuba	413	377	575	544	510	510
European Union	1,375	1,556	1,786	1,814	1,850	1,850
Ghana	725	590	580	650	650	650
Guinea	360	380	350	500	500	600
Haiti	416	387	447	431	490	490
Indonesia	650	1,225	1,350	1,000	1,000	800
Iran	2,220	1,400	1,300	1,100	1,050	1,050
Iraq	1,294	1,080	1,009	929	1,000	1,000
Japan	690	669	688	685	685	685
Malaysia	885	989	1,051	950	950	950
Mexico	749	685	719	731	750	750
Mozambique	500	590	575	575	600	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	800	1,400	1,400
Saudi Arabia	1,326	1,459	1,600	1,400	1,550	1,550
Senegal	902	960	990	985	990	990
South Africa	990	910	912	954	925	925
United Arab Emirates	540	560	580	670	750	750
Others	11,621	13,604	11,830	10,942	11,304	11,070
Subtotal	35,768	40,292	38,984	36,181	37,884	37,490
Unaccounted	3,050	3,061	2,885	3,463	2,871	2,989
United States	675	755	758	768	750	750
World Total	39,493	44,108	42,627	40,412	41,505	41,229

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 Feb	2016/17 Mar
Milled Production						
Bangladesh	33,820	34,390	34,500	34,500	34,581	34,581
Brazil	8,037	8,300	8,465	7,210	7,820	8,068
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	144,850	144,850
Egypt	4,675	4,750	4,530	4,000	4,554	4,554
India	105,241	106,646	105,482	104,408	106,500	106,500
Indonesia	36,550	36,300	35,560	36,200	36,600	36,600
Japan	7,907	7,931	7,849	7,670	7,790	7,790
Korea, South	4,006	4,230	4,241	4,327	4,197	4,197
Nepal	3,003	3,361	3,100	3,100	3,100	3,100
Pakistan	5,536	6,798	6,900	6,800	6,640	6,640
Philippines	11,428	11,858	11,915	11,000	11,500	11,500
Thailand	20,200	20,460	18,750	15,800	18,600	18,600
Vietnam	27,537	28,161	28,166	27,458	27,800	27,800
Others	38,857	39,821	40,129	40,882	41,285	41,250
Subtotal	466,182	472,218	471,447	466,030	473,017	473,230
United States	6,348	6,117	7,106	6,133	7,117	7,117
World Total	472,530	478,335	478,553	472,163	480,134	480,347
Consumption and Residual						
Bangladesh	34,500	34,900	35,100	35,100	35,000	35,000
Brazil	7,850	7,900	7,925	7,850	7,850	7,900
Burma	10,400	10,450	10,600	10,800	11,000	11,000
Cambodia	3,550	3,650	3,615	3,700	3,725	3,725
China	141,000	143,000	144,500	144,000	144,000	144,000
Egypt	4,050	4,000	4,000	3,900	4,000	4,100
European Union	3,250	3,250	3,400	3,550	3,650	3,650
India	93,972	98,727	98,244	93,568	97,000	97,000
Indonesia	38,127	38,500	38,300	37,800	37,500	37,300
Japan	8,351	8,380	8,600	8,500	8,500	8,500
Korea, South	4,489	4,422	4,197	4,212	4,700	4,700
Nigeria	5,300	5,500	5,400	5,200	5,000	5,000
Philippines	12,850	12,850	13,200	13,000	12,900	12,900
Thailand	10,600	10,600	10,000	9,100	10,300	10,300
Vietnam	21,600	22,000	22,000	22,600	22,700	22,700
Others	59,157	61,762	61,660	62,000	63,643	63,592
Subtotal	461,649	474,371	473,211	467,375	474,441	474,648
United States	3,779	3,977	4,301	3,555	4,190	4,190
World Total	465,428	478,348	477,512	470,930	478,631	478,838
Ending Stocks						
China	49,832	53,102	57,436	63,735	69,310	69,085
India	25,500	22,800	17,800	18,400	17,700	17,900
Indonesia	6,476	5,501	4,111	3,511	3,611	3,611
Japan	2,857	3,007	2,821	2,622	2,512	2,512
Korea, South	780	899	1,406	1,831	1,736	1,736
Philippines	1,487	1,695	2,210	1,810	1,410	1,410
Thailand	12,808	11,999	11,270	8,403	6,953	6,953
Others	12,988	13,843	16,306	14,358	13,072	12,792
Subtotal	112,728	112,846	113,360	114,670	116,304	115,999
United States	1,156	1,025	1,552	1,475	1,655	1,655
World Total	113,884	113,871	114,912	116,145	117,959	117,654

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	Feb 2016/17	Mar 2016/17
TY Imports						
North America	1,779	1,801	1,839	1,855	1,865	1,865
Caribbean	969	911	1,174	1,135	1,155	1,155
South America	1,833	1,814	1,685	1,970	1,812	1,643
Other Europe	125	132	128	136	140	140
Former Soviet Union - 12	557	626	571	480	491	481
Middle East	7,252	6,711	6,467	5,840	6,240	6,245
North Africa	487	485	391	436	670	520
Sub-Saharan Africa	11,567	12,542	10,904	11,349	11,490	11,620
East Asia	5,349	6,044	6,686	6,104	6,616	6,616
South Asia	722	2,566	1,692	825	1,060	1,060
Southeast Asia	3,606	5,023	5,674	4,007	4,420	4,220
Others	2,197	2,392	2,531	2,812	2,675	2,675
Total	36,443	41,047	39,742	36,949	38,634	38,240
Production						
North America	6,479	6,248	7,285	6,289	7,307	7,307
Caribbean	974	1,054	979	992	982	982
South America	15,852	16,384	16,431	15,428	15,907	16,155
European Union - 28	2,100	1,937	1,954	2,050	2,050	2,050
Former Soviet Union - 12	1,294	1,205	1,185	1,262	1,258	1,258
Middle East	2,251	2,450	2,443	2,392	2,521	2,521
North Africa	4,704	4,789	4,530	4,000	4,554	4,554
Sub-Saharan Africa	13,272	13,984	14,468	15,140	15,551	15,551
East Asia	157,953	157,701	159,486	160,211	159,581	159,581
South Asia	150,660	154,377	153,218	152,499	153,574	153,574
Southeast Asia	115,490	116,867	115,367	111,089	115,471	115,471
Others	1,501	1,339	1,207	811	1,378	1,343
Total	472,530	478,335	478,553	472,163	480,134	480,347
Domestic Consumption						
North America	4,987	5,216	5,539	4,789	5,445	5,445
Central America	1,171	1,200	1,203	1,338	1,333	1,333
Caribbean	1,954	1,992	2,051	2,142	2,201	2,201
South America	14,341	14,582	14,637	14,763	14,773	14,788
European Union - 28	3,250	3,250	3,400	3,550	3,650	3,650
Former Soviet Union - 12	1,579	1,605	1,526	1,526	1,544	1,534
Middle East	8,989	9,190	9,185	8,812	8,948	8,928
North Africa	4,572	4,480	4,379	4,220	4,370	4,470
Sub-Saharan Africa	24,741	26,026	26,052	26,242	27,080	27,089
East Asia	157,459	159,414	160,566	159,592	160,425	160,425
South Asia	137,375	143,433	143,291	138,765	142,103	142,103
Southeast Asia	101,694	102,763	102,657	102,163	103,241	103,041
Others	713	717	556	533	545	550
Total	462,825	473,868	475,042	468,435	475,658	475,557
Ending Stocks						
North America	1,349	1,184	1,717	1,602	1,830	1,830
Central America	186	210	233	305	293	293
Caribbean	289	264	223	227	168	168
South America	1,586	1,844	2,151	1,435	1,345	1,295
European Union - 28	1,188	1,163	1,151	1,182	1,152	1,152
Middle East	2,004	1,864	1,827	1,088	951	901
North Africa	427	610	924	924	1,478	1,228
Sub-Saharan Africa	2,229	2,133	2,191	1,974	1,678	1,771
East Asia	53,832	57,296	61,919	68,424	73,814	73,589
South Asia	26,891	24,920	21,428	21,571	19,697	19,897
Southeast Asia	23,486	21,976	20,757	17,195	15,252	15,220
Oceania	238	241	223	73	180	190
Others	179	166	168	145	121	120
Total	113,884	113,871	114,912	116,145	117,959	117,654

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

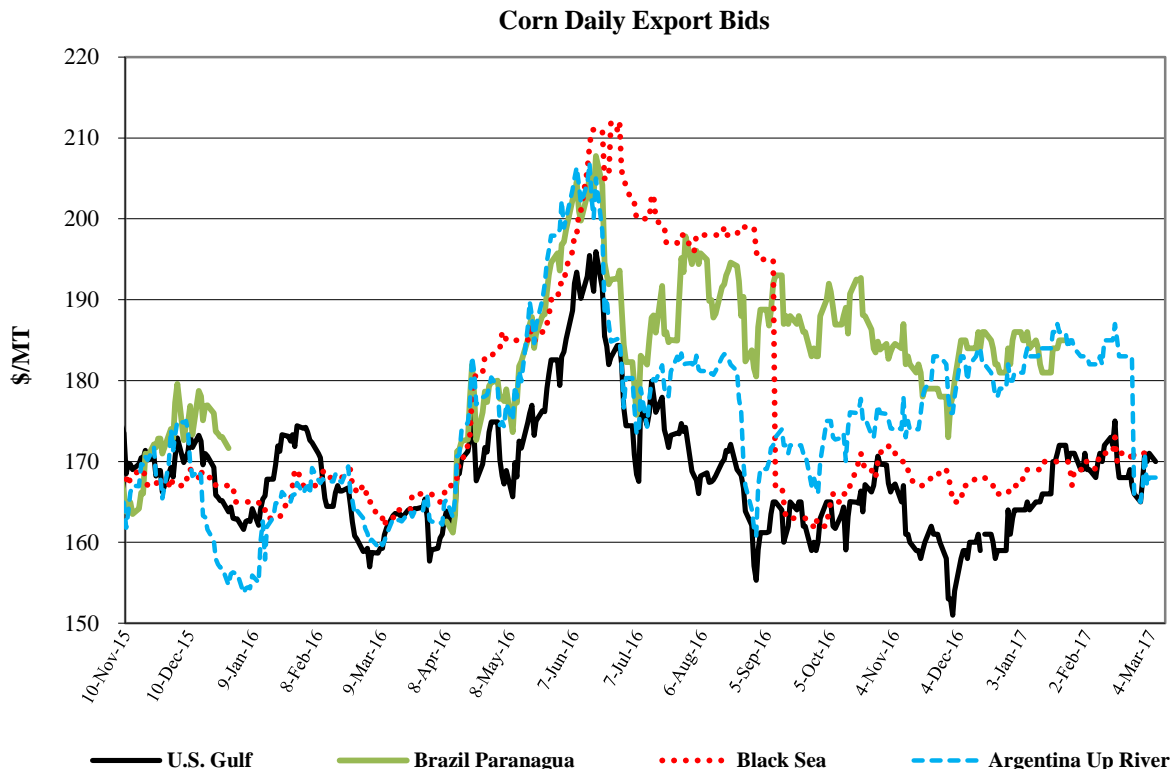
COARSE GRAINS: WORLD MARKETS AND TRADE

OVERVIEW

Record coarse grains production for 2016/17 is raised from last month. Higher corn production forecast for Argentina, Brazil, India, and South Africa, coupled with Australia's record setting barley crop, further augment global supplies. Demand from Iran and Vietnam support higher global corn trade, while demand from Saudi Arabia and China boosts barley. The U.S. season-average farm price for corn is unchanged at \$3.40 per bushel.

PRICES

Corn prices in major exporting countries have converged amid increased competition and record supplies. In Argentina, prospects for a bumper crop and a change in the delivery month reflected seasonally lower FOB quotes, dropping sharply to around \$171/ton. Despite prices trending downward for a brief period, U.S. quotes edged higher this month to \$170, while Black Sea prices were unchanged at \$171. Brazilian prices continued to be seasonally unavailable.



TRADE CHANGES IN 2016/17

Selected Exporters

- **Argentine corn** is up 500,000 tons to 26.0 million as larger supplies boost competitiveness.
- **Australian barley** is raised 1.1 million tons to a record 8.1 million on record production and continued robust demand from China.
- **Brazilian corn** is up 500,000 tons to 22.5 million on greater crop prospects (second crop) and expected stronger demand, particularly from Iran and Vietnam.
- **Russian barley** is cut 300,000 tons to 3.6 million on the tepid pace of shipments.
- **South African corn** is boosted 500,000 tons to 1.8 million on prospects for greater exportable supplies. Imports are slashed 700,000 tons to 1.8 million.

Selected Importers

- **Brazilian corn** is up 400,000 tons to 2.2 million reflecting stronger shipments from Argentina and Paraguay as supplies dwindle in advance of harvest.
- **Chinese barley** is raised 400,000 tons to 5.4 million reflecting larger shipments, mainly from Australia.
- **Iranian corn** is boosted 1.0 million tons to 8.5 million on trade to date.
- **Saudi Arabian barley** is up 500,000 tons to 11.0 million reflecting projected strong demand for competitively-priced barley from exporters such as Australia.
- **Vietnamese corn** is raised 500,000 tons to 8.5 million on larger shipments from Argentina.

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

	2012/13	2013/14	2014/15	2015/16	2016/17 Feb	2016/17 Mar
TY Exports						
Argentina	29,497	16,630	21,003	25,284	28,355	28,855
Australia	6,414	7,007	7,292	6,400	7,775	8,875
Brazil	26,078	22,059	21,954	35,415	22,030	22,530
Canada	4,658	5,482	3,599	4,687	4,450	4,450
European Union	8,943	7,841	15,068	10,934	8,230	8,230
Paraguay	2,861	2,718	3,031	2,676	2,315	2,315
Russia	4,366	7,074	9,155	8,465	9,235	8,935
Serbia	605	1,799	3,001	1,546	2,560	2,560
South Africa	2,412	2,128	762	769	1,325	1,825
Ukraine	15,527	24,125	24,208	21,457	23,910	23,910
Others	10,454	11,610	8,434	7,948	7,430	7,380
Subtotal	111,815	108,473	117,507	125,581	117,615	119,865
United States	20,586	56,776	56,423	59,295	62,485	62,485
World Total	132,401	165,249	173,930	184,876	180,100	182,350
TY Imports						
Algeria	3,289	4,946	4,863	5,224	5,425	5,425
Brazil	1,238	1,184	1,023	2,121	2,250	2,700
Chile	1,327	1,621	1,707	1,805	2,025	2,025
China	5,603	12,445	25,699	17,499	12,700	13,100
Colombia	4,090	4,795	4,747	4,824	5,140	5,140
Egypt	5,097	8,775	7,940	8,849	9,105	9,105
European Union	11,778	16,355	9,408	14,261	13,655	13,655
Iran	4,800	6,600	8,000	8,300	9,100	10,100
Israel	1,564	2,073	1,603	1,510	1,810	1,810
Japan	17,742	17,501	16,726	17,063	16,870	16,870
Jordan	1,406	1,672	1,459	1,722	1,475	1,475
Korea, South	8,265	10,499	10,245	10,192	9,885	9,885
Libya	1,220	1,493	1,685	1,905	1,500	1,500
Malaysia	3,048	3,485	3,238	4,134	3,800	3,800
Mexico	7,624	11,312	11,640	14,904	14,775	14,775
Morocco	1,832	2,858	2,217	3,182	3,200	3,200
Peru	2,404	2,336	2,863	3,077	3,035	3,035
Saudi Arabia	12,390	11,332	11,115	13,992	14,210	14,710
South Africa	92	235	693	2,728	2,730	2,030
Taiwan	4,413	4,346	3,938	4,781	4,700	4,700
Tunisia	1,608	1,449	1,525	1,713	1,800	1,800
Turkey	1,922	1,977	2,719	713	1,805	1,655
Venezuela	2,154	2,627	2,433	1,800	2,200	2,200
Vietnam	1,600	4,300	6,700	8,600	8,000	8,500
Zimbabwe	720	620	720	834	1,440	1,440
Others	16,043	19,551	21,187	20,107	20,011	20,161
Subtotal	123,269	156,387	166,093	175,840	172,646	174,796
Unaccounted	2,617	5,539	4,542	5,054	3,899	3,999
United States	6,515	3,323	3,295	3,982	3,555	3,555
World Total	132,401	165,249	173,930	184,876	180,100	182,350

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 Feb	2016/17 Mar
Production						
Argentina	37,246	35,665	36,782	37,939	43,884	45,178
Australia	11,414	12,158	12,605	12,437	14,484	16,634
Brazil	84,253	82,603	87,669	69,126	89,017	94,017
Canada	24,445	28,745	21,992	25,619	25,630	25,630
China	212,192	225,407	222,750	231,822	227,354	227,854
Ethiopia	12,286	13,079	14,442	9,985	12,750	12,750
European Union	146,188	159,212	170,670	151,727	151,998	152,169
India	39,910	43,216	43,076	38,528	42,260	44,200
Indonesia	8,500	9,100	9,000	10,500	10,200	10,200
Mexico	28,881	32,065	32,689	32,397	32,325	32,325
Nigeria	18,573	19,292	19,015	17,950	18,500	18,500
Russia	28,658	35,735	40,386	37,427	40,915	40,915
South Africa	12,873	15,518	11,110	8,678	13,513	15,163
Turkey	10,595	13,090	9,425	14,275	10,925	10,925
Ukraine	29,528	40,022	39,389	33,387	39,205	39,205
Others	145,637	147,573	159,369	150,568	153,467	153,435
Subtotal	851,179	912,480	930,369	882,365	926,427	939,100
United States	285,311	367,089	377,234	367,009	402,598	402,598
World Total	1,136,490	1,279,569	1,307,603	1,249,374	1,329,025	1,341,698
Domestic Consumption						
Argentina	12,050	13,695	14,232	14,271	15,534	15,793
Brazil	55,803	58,028	60,023	60,193	61,427	62,477
Canada	20,340	22,345	21,295	21,236	22,095	22,095
China	209,671	223,546	229,059	239,165	249,050	249,750
Egypt	12,910	14,122	14,832	15,803	16,058	16,058
European Union	153,341	164,401	162,555	156,910	159,880	159,580
India	35,075	37,600	40,450	40,120	40,970	42,370
Iran	10,520	11,320	12,020	13,820	15,520	16,020
Japan	17,830	17,570	16,903	17,258	17,181	17,181
Mexico	36,195	40,935	42,175	44,715	45,915	45,915
Nigeria	18,700	19,350	18,950	18,150	18,500	18,500
Russia	25,134	28,619	31,139	29,640	30,825	31,025
Saudi Arabia	10,750	11,411	11,905	14,105	14,805	15,105
Turkey	13,005	13,430	13,055	14,425	13,230	13,230
Ukraine	14,661	15,977	15,430	13,865	14,395	14,395
Others	218,793	227,546	240,513	241,125	247,180	247,920
Subtotal	858,944	927,429	960,543	937,371	995,284	1,003,638
United States	275,537	305,044	311,339	312,705	329,101	329,102
World Total	1,134,481	1,232,473	1,271,882	1,250,076	1,324,385	1,332,740
Ending Stocks						
Brazil	9,560	14,259	8,213	6,866	6,776	8,176
Canada	3,024	4,648	3,334	4,666	4,841	4,841
China	68,386	82,659	102,027	112,156	103,125	103,325
European Union	13,055	15,565	18,922	14,865	12,439	12,879
Iran	4,654	5,094	7,134	7,174	6,314	6,814
Mexico	1,542	3,487	4,832	5,908	6,293	6,293
Saudi Arabia	3,230	3,722	3,361	4,405	4,165	4,365
Others	36,954	47,285	51,982	41,899	43,873	45,484
Subtotal	140,405	176,719	199,805	197,939	187,826	192,177
United States	23,531	34,313	46,948	48,112	62,847	62,832
World Total	163,936	211,032	246,753	246,051	250,673	255,009

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Feb 2016/17	Mar 2016/17
TY Imports						
North America	14,661	15,349	16,648	19,976	19,420	19,420
Central America	2,470	2,923	3,456	3,938	3,875	3,875
Caribbean	2,327	2,330	2,444	2,597	2,685	2,685
South America	11,812	13,180	13,355	13,993	15,675	16,175
European Union - 28	11,778	16,355	9,408	14,261	13,655	13,655
Former Soviet Union - 12	728	807	723	553	655	655
Middle East	25,078	26,614	27,768	29,379	31,580	32,930
North Africa	13,046	19,521	18,230	20,873	21,030	21,030
Sub-Saharan Africa	2,737	3,616	4,569	7,018	7,405	6,805
East Asia	36,176	44,865	56,665	49,588	44,235	44,635
Southeast Asia	7,961	12,814	14,736	15,810	14,375	14,875
Others	1,010	1,336	1,386	1,836	1,611	1,611
Total	129,784	159,710	169,388	179,822	176,201	178,351
Production						
North America	338,637	427,899	431,915	425,025	460,553	460,553
South America	136,025	131,844	138,220	120,746	145,786	152,048
European Union - 28	146,188	159,212	170,670	151,727	151,998	152,169
Other Europe	6,567	8,864	10,736	8,976	10,523	10,523
Former Soviet Union - 12	68,222	87,758	91,599	82,121	93,116	93,116
Middle East	18,632	21,630	17,819	22,697	19,284	19,284
North Africa	10,473	11,560	11,092	12,497	9,815	9,815
Sub-Saharan Africa	103,567	102,631	109,419	95,073	104,283	105,933
East Asia	214,616	227,797	225,528	234,465	230,003	230,503
South Asia	47,642	51,986	51,822	47,082	51,088	53,028
Southeast Asia	29,005	30,616	30,945	31,418	32,773	32,773
Oceania	12,082	12,805	13,283	13,129	15,059	17,209
Others	4,834	4,967	4,555	4,418	4,744	4,744
Total	1,136,490	1,279,569	1,307,603	1,249,374	1,329,025	1,341,698
Domestic Consumption						
North America	332,072	368,324	374,809	378,656	397,111	397,112
South America	89,796	94,375	97,049	97,765	100,953	102,222
European Union - 28	153,341	164,401	162,555	156,910	159,880	159,580
Other Europe	7,098	7,751	8,117	8,361	8,472	8,472
Former Soviet Union - 12	50,225	55,736	58,148	54,616	57,082	57,282
Middle East	42,852	45,753	45,586	51,186	52,462	53,262
North Africa	25,171	28,059	30,230	32,391	32,013	32,013
Sub-Saharan Africa	103,198	102,361	109,819	103,351	105,771	106,301
East Asia	242,831	257,690	262,947	273,506	283,402	284,102
South Asia	42,704	46,165	49,379	49,615	50,524	51,924
Southeast Asia	35,387	38,543	41,133	43,589	46,016	46,016
Oceania	6,107	5,764	5,846	6,654	6,749	6,999
Others	9,533	10,017	10,257	10,906	11,231	11,231
Total	1,140,315	1,224,939	1,255,875	1,267,506	1,311,666	1,316,516
Ending Stocks						
North America	28,097	42,448	55,114	58,686	73,981	73,966
South America	15,559	21,435	16,069	13,079	13,420	15,389
European Union - 28	13,055	15,565	18,922	14,865	12,439	12,879
Other Europe	618	750	1,069	865	1,218	1,218
Former Soviet Union - 12	5,017	7,018	7,429	4,213	6,267	6,367
Middle East	9,933	11,721	12,634	13,998	12,230	12,880
North Africa	3,584	5,629	5,443	5,880	4,602	4,602
Sub-Saharan Africa	9,049	9,542	12,319	8,395	9,243	9,497
East Asia	71,687	86,671	105,900	116,423	107,224	107,424
South Asia	2,404	4,095	5,210	2,804	3,631	3,919
Southeast Asia	3,259	4,114	4,040	4,728	3,325	3,325
Oceania	906	1,120	1,640	1,155	2,073	2,535
Others	768	924	964	960	1,020	1,008
Total	163,936	211,032	246,753	246,051	250,673	255,009

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 Feb	2016/17 Mar
TY Exports						
Argentina	22,789	12,846	18,448	21,672	25,500	26,000
Brazil	26,044	22,041	21,909	35,382	22,000	22,500
Burma	750	1,100	1,250	1,000	1,100	1,100
Canada	1,813	1,939	395	1,764	1,000	1,000
European Union	2,194	2,404	4,027	1,949	2,000	2,000
Paraguay	2,858	2,714	3,012	2,661	2,300	2,300
Russia	1,917	4,194	3,213	4,691	5,300	5,300
Serbia	578	1,780	2,964	1,513	2,500	2,500
South Africa	2,398	2,104	746	759	1,300	1,800
Ukraine	12,726	20,004	19,661	16,595	18,700	18,700
Others	8,417	9,013	5,984	5,748	4,850	4,800
Subtotal	82,484	80,139	81,609	93,734	86,550	88,000
United States	18,262	50,691	46,831	51,198	56,500	56,500
World Total	100,746	130,830	128,440	144,932	143,050	144,500
TY Imports						
Algeria	2,918	4,156	4,116	4,329	4,500	4,500
Brazil	869	846	534	1,566	1,800	2,200
Canada	492	678	1,536	949	1,000	1,000
Chile	844	1,456	1,516	1,600	1,800	1,800
China	2,702	3,277	5,516	3,174	3,000	3,000
Colombia	3,266	4,436	4,496	4,458	4,800	4,800
Dominican Republic	1,046	1,011	1,202	1,351	1,350	1,350
Egypt	5,059	8,726	7,841	8,776	9,000	9,000
European Union	11,362	16,014	8,908	13,768	13,100	13,100
Iran	3,700	5,500	6,100	6,600	7,500	8,500
Israel	1,224	1,652	1,296	1,152	1,500	1,500
Japan	14,411	15,121	14,657	15,194	15,000	15,000
Korea, South	8,174	10,406	10,168	10,121	9,800	9,800
Malaysia	3,048	3,485	3,238	4,134	3,800	3,800
Mexico	5,676	10,949	11,341	14,011	13,800	13,800
Morocco	1,684	2,349	1,941	2,224	2,300	2,300
Peru	2,254	2,232	2,741	2,954	2,900	2,900
Saudi Arabia	2,063	2,684	2,904	3,583	3,700	3,700
South Africa	0	79	469	2,579	2,500	1,800
Taiwan	4,241	4,179	3,810	4,656	4,600	4,600
Tunisia	846	993	1,042	1,017	1,200	1,200
Turkey	1,656	1,381	2,377	567	1,500	1,500
Venezuela	2,154	2,626	2,433	1,800	2,200	2,200
Vietnam	1,600	4,300	6,700	8,600	8,000	8,500
Zimbabwe	700	600	700	800	1,400	1,400
Others	12,871	16,824	17,309	16,606	16,470	16,620
Subtotal	94,860	125,960	124,891	136,569	138,520	139,870
Unaccounted	1,621	4,143	2,740	6,584	3,130	3,230
United States	4,265	727	809	1,779	1,400	1,400
World Total	100,746	130,830	128,440	144,932	143,050	144,500

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 Feb	2016/17 Mar
Production						
Argentina	27,000	26,000	29,750	29,000	36,500	37,500
Brazil	81,500	80,000	85,000	67,000	86,500	91,500
Canada	13,060	14,194	11,487	13,559	13,200	13,200
China	205,614	218,489	215,646	224,632	219,554	219,554
Ethiopia	6,158	6,492	7,235	5,050	6,300	6,300
European Union	59,142	64,931	75,734	58,410	60,309	60,295
India	22,258	24,259	24,170	22,570	24,500	26,000
Indonesia	8,500	9,100	9,000	10,500	10,200	10,200
Mexico	21,591	22,880	25,480	25,971	26,000	26,000
Nigeria	7,630	7,700	7,515	7,000	7,200	7,200
Philippines	7,261	7,532	7,671	6,970	7,900	7,900
Russia	8,213	11,635	11,325	13,168	15,500	15,500
Serbia	3,750	5,900	7,700	6,000	7,500	7,500
South Africa	12,365	14,925	10,629	8,214	13,000	14,600
Ukraine	20,922	30,900	28,450	23,333	28,000	28,000
Others	91,482	94,171	97,701	94,971	93,265	93,215
Subtotal	596,446	639,108	654,493	616,348	655,428	664,464
United States	273,192	351,272	361,091	345,506	384,778	384,778
World Total	869,638	990,380	1,015,584	961,854	1,040,206	1,049,242
Total Consumption						
Argentina	7,900	8,800	9,300	9,150	10,500	10,500
Brazil	52,500	55,000	57,000	57,500	58,500	59,500
Canada	11,604	12,675	12,820	12,354	12,900	12,900
China	200,000	208,000	202,000	217,500	231,000	231,000
Egypt	12,000	13,200	13,900	14,850	15,100	15,100
European Union	69,846	76,796	77,880	73,200	73,300	73,000
India	17,500	19,600	22,350	23,500	23,400	24,600
Indonesia	10,900	11,900	12,200	12,100	12,300	12,300
Iran	6,200	6,800	7,400	8,800	10,600	11,100
Japan	14,300	15,000	14,600	15,200	15,100	15,100
Korea, South	8,481	9,891	10,250	10,123	9,900	9,900
Mexico	27,000	31,700	34,550	37,300	38,600	38,600
Russia	6,400	7,500	8,100	8,700	9,600	9,600
South Africa	11,000	11,500	11,650	11,200	11,300	11,700
Vietnam	6,200	7,700	9,400	12,000	12,900	12,900
Others	144,032	153,268	158,428	158,029	160,986	161,056
Subtotal	601,597	655,795	678,865	661,817	718,187	724,587
United States	262,973	292,958	301,792	298,869	314,847	314,847
World Total	864,570	948,753	980,657	960,686	1,033,034	1,039,434
Ending Stocks						
Argentina	1,308	1,408	2,898	1,053	2,058	2,558
Brazil	9,150	13,972	7,842	6,542	6,442	7,842
Canada	1,549	1,600	1,402	2,243	2,543	2,543
China	67,579	81,323	100,472	110,774	102,308	102,308
European Union	5,146	6,891	9,626	6,655	4,748	5,050
Iran	3,236	4,476	5,716	6,056	5,496	5,996
Mexico	975	2,603	4,090	5,213	5,613	5,613
Others	23,346	31,210	33,682	28,211	29,421	29,835
Subtotal	112,289	143,483	165,728	166,747	158,629	161,745
United States	20,859	31,292	43,974	44,123	58,933	58,933
World Total	133,148	174,775	209,702	210,870	217,562	220,678

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Feb 2016/17	Mar 2016/17
TY Imports						
North America	10,433	12,354	13,686	16,739	16,200	16,200
Central America	2,470	2,922	3,456	3,938	3,875	3,875
South America	9,651	12,025	12,042	12,554	14,320	14,770
European Union - 28	11,362	16,014	8,908	13,768	13,100	13,100
Former Soviet Union - 12	322	448	491	359	420	420
Middle East	10,944	13,812	15,237	14,916	16,975	17,975
North Africa	11,154	17,036	15,624	16,927	17,700	17,700
Sub-Saharan Africa	2,087	2,941	3,776	6,289	6,670	6,070
East Asia	29,681	33,057	34,208	33,198	32,480	32,480
Southeast Asia	7,943	12,768	14,722	15,795	14,360	14,860
Caribbean	2,327	2,330	2,444	2,597	2,685	2,685
Others	751	980	1,106	1,268	1,135	1,135
Total	99,125	126,687	125,700	138,348	139,920	141,270
Production						
North America	307,843	388,346	398,058	385,036	423,978	423,978
South America	120,997	117,456	126,592	107,596	133,484	139,484
European Union - 28	59,142	64,931	75,734	58,410	60,309	60,295
Other Europe	4,912	7,222	8,963	7,191	8,729	8,729
Former Soviet Union - 12	32,310	46,916	43,801	39,845	47,622	47,622
Middle East	7,493	8,173	7,769	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	55,645	59,883	61,483
East Asia	207,737	220,582	218,095	226,983	221,908	221,908
South Asia	28,857	31,865	31,740	29,940	32,070	33,570
Central America	3,755	3,817	3,416	3,300	3,600	3,600
Southeast Asia	28,740	30,334	30,651	31,123	32,483	32,483
Others	1,378	1,321	1,453	1,356	1,431	1,381
Total	869,638	990,380	1,015,584	961,854	1,040,206	1,049,242
Domestic Consumption						
North America	301,577	337,333	349,162	348,523	366,347	366,347
South America	78,981	83,551	86,451	87,126	89,885	90,885
European Union - 28	69,846	76,796	77,880	73,200	73,300	73,000
Other Europe	5,194	5,847	6,147	6,422	6,520	6,520
Former Soviet Union - 12	18,080	21,130	21,482	20,395	21,965	21,965
Middle East	18,710	19,785	21,710	23,845	26,030	26,530
North Africa	18,450	20,800	22,100	23,140	24,020	24,020
Sub-Saharan Africa	59,984	62,444	63,901	62,258	61,031	61,551
East Asia	229,234	239,185	233,237	249,453	262,955	262,955
South Asia	23,980	26,982	30,057	31,570	31,570	32,770
Southeast Asia	35,109	38,254	40,799	43,284	45,710	45,710
Central America	6,175	6,600	6,710	7,175	7,390	7,390
Others	3,516	3,581	3,984	3,984	4,110	4,060
Total	868,836	942,288	963,620	980,375	1,020,833	1,023,703
Ending Stocks						
North America	23,383	35,495	49,466	51,579	67,089	67,089
South America	13,628	19,022	14,004	10,888	11,530	13,467
European Union - 28	5,146	6,891	9,626	6,655	4,748	5,050
Other Europe	371	504	852	716	1,065	1,065
Former Soviet Union - 12	1,948	3,368	3,023	1,426	3,108	3,108
Middle East	4,108	5,872	7,067	7,194	6,502	7,052
North Africa	1,771	3,117	3,306	3,037	2,908	2,908
Sub-Saharan Africa	6,589	7,534	9,487	6,679	7,327	7,541
East Asia	70,387	84,864	103,922	114,648	106,061	106,061
South Asia	1,744	3,007	3,856	2,278	2,835	2,948
Southeast Asia	3,254	4,108	4,034	4,722	3,325	3,325
Central America	487	597	600	627	692	692
Others	332	396	459	421	372	372
Total	133,148	174,775	209,702	210,870	217,562	220,678

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 Feb	2016/17 Mar
TY Exports						
Argentina	3,647	2,829	1,599	2,836	2,000	2,000
Australia	4,622	6,261	5,266	5,401	7,000	8,100
Canada	1,316	1,714	1,386	1,146	1,700	1,700
European Union	6,501	4,926	10,642	8,603	5,900	5,900
India	546	546	97	5	70	70
Kazakhstan	151	501	476	776	1,000	1,000
Russia	2,366	2,791	5,807	3,735	3,900	3,600
Serbia	26	18	37	33	60	60
Ukraine	2,659	3,827	4,332	4,673	5,000	5,000
Uruguay	107	36	43	42	50	50
Others	58	42	123	64	75	75
Subtotal	21,999	23,491	29,808	27,314	26,755	27,555
United States	163	336	291	161	150	150
World Total	22,162	23,827	30,099	27,475	26,905	27,705
TY Imports						
Algeria	364	778	723	864	900	900
Brazil	369	337	489	551	450	500
China	2,183	4,891	9,859	5,869	5,000	5,400
Colombia	232	253	249	301	285	285
Egypt	37	46	98	72	100	100
European Union	53	58	269	315	350	350
Iran	1,100	1,100	1,900	1,700	1,600	1,600
Israel	244	304	278	321	275	275
Japan	1,356	1,294	1,097	1,154	1,100	1,100
Jordan	831	997	759	902	800	800
Kuwait	388	436	412	247	400	400
Libya	573	681	1,001	1,324	800	800
Mexico	47	108	184	132	175	175
Morocco	148	471	276	958	900	900
Peru	103	87	122	98	110	110
Saudi Arabia	10,200	8,500	8,200	10,400	10,500	11,000
Syria	300	100	100	100	200	200
Tunisia	762	456	483	696	600	600
Turkey	266	596	332	146	300	150
United Arab Emirates	541	468	394	467	400	400
Others	1,112	1,077	1,241	1,070	1,051	1,051
Subtotal	21,209	23,038	28,466	27,687	26,296	27,096
Unaccounted	522	266	1,203	-562	259	259
United States	431	523	430	350	350	350
World Total	22,162	23,827	30,099	27,475	26,905	27,705

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 Feb	2016/17 Mar
Production						
Argentina	5,000	4,750	2,900	4,940	3,200	3,200
Australia	7,472	9,174	8,646	8,593	10,600	13,000
Belarus	1,917	1,674	1,988	1,849	2,100	2,100
Canada	8,012	10,237	7,119	8,226	8,800	8,800
China	1,626	1,700	1,810	1,870	2,000	2,000
Ethiopia	1,782	1,908	1,953	1,950	2,050	2,050
European Union	54,875	59,674	60,609	61,521	59,787	60,042
India	1,619	1,752	1,831	1,440	1,510	1,900
Iran	2,770	2,800	3,200	3,000	3,000	3,000
Iraq	500	944	1,000	1,050	1,100	1,100
Kazakhstan	1,500	2,539	2,412	2,675	3,231	3,231
Morocco	1,201	2,723	1,700	3,500	1,076	1,076
Russia	13,952	15,389	20,026	17,083	17,500	17,500
Turkey	5,500	7,300	4,000	7,400	4,750	4,750
Ukraine	6,935	7,561	9,450	8,751	9,900	9,900
Others	9,675	9,448	9,150	9,177	9,010	8,978
Subtotal	124,336	139,573	137,794	143,025	139,614	142,627
United States	4,768	4,719	3,953	4,750	4,339	4,339
World Total	129,104	144,292	141,747	147,775	143,953	146,966
Total Consumption						
Algeria	2,000	2,050	2,050	2,150	2,050	2,050
Australia	3,000	2,800	3,000	3,300	3,100	3,700
Belarus	2,000	1,800	2,000	1,850	2,100	2,100
Canada	6,811	7,718	6,471	6,968	7,165	7,165
China	4,000	6,300	11,600	7,900	7,100	7,500
Ethiopia	1,725	1,925	1,975	1,990	2,025	2,025
European Union	51,000	53,400	50,900	51,700	54,100	54,100
India	1,525	1,200	1,400	1,520	1,570	1,770
Iran	4,300	4,500	4,600	5,000	4,900	4,900
Kazakhstan	1,375	2,000	2,000	2,000	2,200	2,200
Morocco	1,900	2,300	2,700	3,450	2,800	2,800
Russia	12,100	12,700	14,100	13,600	13,700	13,900
Saudi Arabia	8,325	8,625	8,525	10,225	10,725	11,025
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	15,754	17,047	16,865	17,637	17,099	17,109
Subtotal	126,663	136,093	137,331	143,311	141,164	142,834
United States	4,638	4,775	4,235	4,406	4,528	4,529
World Total	131,301	140,868	141,566	147,717	145,692	147,363
Ending Stocks						
Algeria	1,217	1,178	1,304	1,290	1,140	1,140
Australia	536	693	1,120	669	1,513	1,869
Canada	983	1,950	1,217	1,443	1,453	1,453
European Union	5,044	5,621	5,871	5,198	5,357	5,590
Russia	726	904	1,533	836	786	886
Saudi Arabia	3,003	3,389	3,074	4,059	3,844	4,044
Ukraine	872	971	1,265	909	914	914
Others	6,307	7,365	6,948	7,474	5,619	5,557
Subtotal	18,688	22,071	22,332	21,878	20,626	21,453
United States	1,750	1,791	1,711	2,223	2,251	2,251
World Total	20,438	23,862	24,043	24,101	22,877	23,704

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Feb 2016/17	Mar 2016/17
TY Imports						
North America	499	640	779	613	600	600
South America	1,064	886	1,169	1,157	980	1,030
European Union - 28	53	58	269	315	350	350
Other Europe	126	163	120	84	130	130
Former Soviet Union - 12	378	352	226	169	230	230
Middle East	13,906	12,537	12,480	14,415	14,555	14,905
North Africa	1,884	2,432	2,581	3,914	3,300	3,300
Sub-Saharan Africa	52	116	138	40	120	120
East Asia	3,668	6,320	11,080	7,136	6,225	6,625
South Asia	2	11	22	187	131	131
Oceania	8	46	32	7	25	25
Total	21,640	23,561	28,896	28,037	26,646	27,446
Production						
North America	13,812	15,550	11,918	13,728	13,874	13,874
South America	5,884	5,737	3,769	5,951	4,522	4,490
European Union - 28	54,875	59,674	60,609	61,521	59,787	60,042
Other Europe	1,188	1,187	1,286	1,299	1,307	1,307
Former Soviet Union - 12	25,958	29,162	35,565	32,230	34,631	34,631
Middle East	9,686	12,043	8,653	12,058	9,265	9,265
North Africa	3,631	4,739	3,975	5,375	2,684	2,684
Sub-Saharan Africa	2,283	2,357	2,446	2,482	2,605	2,605
East Asia	1,920	1,991	2,134	2,158	2,291	2,291
South Asia	1,956	2,261	2,340	1,943	2,042	2,432
Oceania	7,911	9,591	9,052	9,030	10,945	13,345
Total	129,104	144,292	141,747	147,775	143,953	146,966
Domestic Consumption						
North America	12,349	13,243	11,556	12,299	12,618	12,619
South America	3,152	3,528	3,398	3,768	3,713	3,723
European Union - 28	51,000	53,400	50,900	51,700	54,100	54,100
Other Europe	1,298	1,334	1,404	1,384	1,379	1,379
Former Soviet Union - 12	22,339	23,460	24,724	24,093	24,890	25,090
Middle East	22,435	24,410	22,277	25,870	24,866	25,166
North Africa	5,790	6,282	7,182	8,303	7,038	7,038
Sub-Saharan Africa	2,285	2,461	2,495	2,595	2,670	2,670
East Asia	5,812	8,009	13,162	9,481	8,660	9,060
South Asia	1,868	1,713	1,923	2,053	2,128	2,328
Oceania	3,425	3,250	3,450	3,750	3,500	4,100
Total	131,753	141,090	142,471	145,296	145,562	147,273
Ending Stocks						
North America	3,014	3,974	3,326	4,069	4,092	4,092
South America	657	816	716	982	897	918
European Union - 28	5,044	5,621	5,871	5,198	5,357	5,590
Other Europe	220	205	179	122	122	122
Former Soviet Union - 12	2,194	2,605	3,406	2,122	2,123	2,223
Middle East	5,733	5,781	5,508	6,749	5,678	5,778
North Africa	1,785	2,489	2,089	2,794	1,640	1,640
Sub-Saharan Africa	330	338	425	348	403	403
East Asia	736	1,038	1,090	903	759	759
South Asia	137	247	259	98	276	293
Oceania	588	748	1,174	716	1,530	1,886
Total	20,438	23,862	24,043	24,101	22,877	23,704

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 Feb	2016/17 Mar
TY Exports						
Argentina	3,059	953	954	772	850	850
Australia	1,428	408	1,701	717	400	400
Brazil	2	11	13	29	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	150	150
Others	191	218	195	133	130	130
Subtotal	5,160	2,032	3,315	1,931	1,730	1,730
United States	2,136	5,714	9,269	7,895	5,800	5,800
World Total	7,296	7,746	12,584	9,826	7,530	7,530
TY Imports						
Bolivia	3	2	2	1	90	90
Chile	404	109	98	134	150	150
China	631	4,161	10,162	8,284	4,500	4,500
European Union	291	184	131	119	150	150
Japan	1,897	1,003	903	649	700	700
Kenya	102	94	117	105	100	100
Mexico	1,793	162	29	661	700	700
Pakistan	10	14	32	231	100	100
South Africa	44	61	86	100	100	100
Sudan	175	75	120	200	100	100
Others	1,266	876	415	482	445	445
Subtotal	6,616	6,741	12,095	10,966	7,135	7,135
Unaccounted	437	1,002	462	-1,238	370	370
United States	243	3	27	98	25	25
World Total	7,296	7,746	12,584	9,826	7,530	7,530

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 Feb	2016/17 Mar
Production						
Argentina	4,700	4,400	3,500	3,375	3,600	3,600
Australia	2,230	1,282	2,209	2,037	1,500	1,200
Brazil	2,102	1,890	2,055	1,080	1,530	1,530
Burkina	1,924	1,880	1,708	1,436	1,900	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	2,750	3,300	3,800
Ethiopia	3,604	3,829	4,339	2,600	3,700	3,700
India	5,281	5,542	5,445	4,238	5,500	4,800
Mali	1,212	820	1,272	1,300	1,300	1,300
Mexico	6,174	8,500	6,270	5,587	5,500	5,500
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	6,603	7,056	7,296	6,889	6,950	7,000
Subtotal	51,151	50,867	54,423	44,632	51,030	50,580
United States	6,293	9,966	10,988	15,158	12,199	12,199
World Total	57,444	60,833	65,411	59,790	63,229	62,779
Total Consumption						
Argentina	2,300	2,700	2,800	2,900	2,950	2,950
Brazil	2,300	2,000	2,000	1,150	1,500	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	11,000	8,200	8,500
Ethiopia	3,700	3,900	4,100	3,100	3,650	3,650
European Union	795	880	995	860	880	880
India	5,150	5,200	5,100	4,600	5,350	4,800
Mali	1,200	950	1,200	1,300	1,300	1,300
Mexico	8,100	8,300	6,600	6,300	6,200	6,200
Niger	1,200	1,300	1,450	1,820	1,450	1,450
Nigeria	5,900	6,550	6,650	6,050	6,400	6,400
South Sudan	650	790	1,050	950	960	960
Sudan	4,700	2,550	6,000	3,100	5,500	5,500
Others	10,362	8,587	8,267	8,613	8,585	8,295
Subtotal	52,468	55,498	62,760	54,843	57,135	56,595
United States	4,796	4,130	2,459	6,213	6,476	6,476
World Total	57,264	59,628	65,219	61,056	63,611	63,071
Ending Stocks						
Argentina	781	1,202	971	896	646	646
Australia	189	177	252	184	173	179
China	326	568	706	717	302	502
Mexico	285	647	338	286	286	286
Niger	225	270	271	393	268	268
Nigeria	208	200	150	200	200	200
Sudan	588	357	743	226	321	321
Others	1,749	1,656	2,234	1,035	1,308	1,210
Subtotal	4,351	5,077	5,665	3,937	3,504	3,612
United States	385	864	468	930	963	963
World Total	4,736	5,941	6,133	4,867	4,467	4,575

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Feb 2016/17	Mar 2016/17
TY Imports						
North America	2,036	165	56	759	725	725
South America	1,071	240	114	237	325	325
European Union - 28	291	184	131	119	150	150
Other Europe	0	0	0	0	0	0
Middle East	194	232	23	33	20	20
North Africa	1	41	1	1	5	5
Sub-Saharan Africa	587	540	609	658	565	565
East Asia	2,650	5,281	11,142	9,011	5,255	5,255
Southeast Asia	18	46	14	15	15	15
Others	11	15	32	231	100	100
Total	6,859	6,744	12,122	11,064	7,160	7,160
Production						
North America	12,467	18,466	17,258	20,745	17,699	17,699
Central America	327	327	326	335	335	335
Caribbean	92	94	92	92	91	91
South America	7,495	7,081	6,404	5,195	5,877	5,877
European Union - 28	473	703	887	731	744	744
Middle East	667	634	691	650	750	750
North Africa	757	767	809	755	755	755
Sub-Saharan Africa	24,708	22,512	28,021	21,869	26,271	26,321
East Asia	2,560	2,895	2,887	2,752	3,302	3,802
South Asia	5,404	5,661	5,548	4,383	5,630	4,930
Southeast Asia	55	57	55	55	50	50
Oceania	2,230	1,282	2,209	2,037	1,500	1,200
Others	209	354	224	191	225	225
Total	57,444	60,833	65,411	59,790	63,229	62,779
Domestic Consumption						
North America	12,896	12,430	9,059	12,513	12,676	12,676
Central America	325	317	321	340	335	335
Caribbean	92	94	92	92	91	91
South America	6,076	5,757	5,785	4,972	5,482	5,482
European Union - 28	795	880	995	860	880	880
Middle East	877	755	845	695	775	775
North Africa	756	813	785	755	755	755
Sub-Saharan Africa	24,914	23,177	27,643	23,299	26,496	26,506
East Asia	5,221	7,951	13,911	11,734	8,960	9,260
South Asia	5,283	5,334	5,235	4,956	5,580	5,030
Southeast Asia	68	64	95	65	66	66
Oceania	1,080	905	505	1,105	1,105	805
Others	80	75	75	75	75	75
Total	58,463	58,552	65,346	61,461	63,276	62,736
Ending Stocks						
North America	670	1,511	806	1,216	1,249	1,249
Central America	18	21	26	16	23	11
South America	1,146	1,468	1,243	1,054	843	819
European Union - 28	5	18	27	13	22	22
Middle East	61	27	39	35	30	30
North Africa	27	22	47	48	53	53
Sub-Saharan Africa	2,073	1,630	2,300	1,352	1,497	1,537
East Asia	413	627	736	743	325	525
South Asia	109	364	588	141	193	91
Oceania	189	177	252	184	173	179
Others	25	76	69	65	59	59
Total	4,736	5,941	6,133	4,867	4,467	4,575

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 Feb	2016/17 Mar
TY Exports						
Argentina	2	2	2	4	5	5
Australia	240	270	270	225	300	300
Canada	1,351	1,732	1,729	1,666	1,600	1,600
Chile	41	49	84	75	75	75
European Union	126	291	231	220	200	200
Russia	4	6	14	16	10	10
Ukraine	2	6	46	48	50	50
Others	10	14	8	9	10	10
Subtotal	1,776	2,370	2,384	2,263	2,250	2,250
United States	18	29	29	35	30	30
World Total	1,794	2,399	2,413	2,298	2,280	2,280
TY Imports						
Albania	0	0	3	0	5	5
Algeria	7	12	24	31	25	25
Bosnia and Herzegovina	2	3	4	4	5	5
Canada	9	27	12	10	15	15
China	87	116	162	172	200	200
Colombia	1	2	2	1	5	5
Ecuador	19	21	21	38	40	40
European Union	4	3	4	9	5	5
Japan	51	46	47	50	50	50
Mexico	108	93	86	100	100	100
Norway	36	38	4	7	10	10
Serbia	2	2	2	1	5	5
South Africa	11	19	46	31	50	50
Switzerland	44	51	49	42	50	50
Turkey	0	0	4	0	5	5
Others	6	8	8	10	5	5
Subtotal	387	441	478	506	575	575
Unaccounted	52	92	168	254	125	125
United States	1,355	1,866	1,767	1,538	1,580	1,580
World Total	1,794	2,399	2,413	2,298	2,280	2,280

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 Feb	2016/17 Mar
Production						
Algeria	110	110	110	110	110	110
Argentina	496	445	525	553	500	785
Australia	1,121	1,255	1,198	1,308	1,800	1,900
Belarus	422	352	522	492	400	400
Brazil	361	380	351	783	650	650
Canada	2,830	3,906	2,979	3,428	3,000	3,000
Chile	680	610	421	533	600	600
China	600	580	600	600	600	600
European Union	7,909	8,380	7,821	7,494	7,803	7,858
Kazakhstan	200	305	226	244	335	335
Mexico	84	91	93	87	90	90
Norway	232	214	236	236	240	240
Russia	4,027	4,932	5,267	4,527	4,750	4,750
Turkey	210	210	210	210	210	210
Ukraine	630	467	610	498	500	500
Others	315	319	298	326	341	341
Subtotal	20,227	22,556	21,467	21,429	21,929	22,369
United States	892	938	1,019	1,300	940	940
World Total	21,119	23,494	22,486	22,729	22,869	23,309
Total Consumption						
Algeria	119	118	126	137	135	135
Argentina	500	425	525	550	500	750
Australia	925	950	950	1,025	1,350	1,350
Belarus	400	375	500	500	400	400
Brazil	350	375	345	765	645	645
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	6,900	7,700	7,700
Kazakhstan	225	275	225	245	300	300
Mexico	195	185	175	190	190	190
Norway	295	245	245	245	250	250
Russia	4,300	4,900	5,200	4,600	4,650	4,650
Turkey	215	215	215	210	215	215
Ukraine	600	475	600	450	450	450
Others	451	492	473	488	549	549
Subtotal	19,217	20,255	20,092	19,365	20,426	20,691
United States	2,743	2,757	2,447	2,702	2,696	2,696
World Total	21,960	23,012	22,539	22,067	23,122	23,387
Ending Stocks						
Argentina	49	67	65	65	60	95
Australia	60	105	93	151	301	401
Canada	446	1,054	673	928	693	693
Chile	61	45	27	60	60	60
China	139	135	147	124	74	74
European Union	901	894	770	1,160	1,086	1,123
Russia	203	230	289	199	289	289
Others	222	201	193	188	225	225
Subtotal	2,081	2,731	2,257	2,875	2,788	2,960
United States	527	359	780	824	676	661
World Total	2,608	3,090	3,037	3,699	3,464	3,621

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Feb 2016/17	Mar 2016/17
TY Imports						
North America	1,472	1,986	1,865	1,648	1,695	1,695
South America	26	29	30	45	50	50
European Union - 28	4	3	4	9	5	5
Other Europe	84	94	62	54	75	75
Former Soviet Union - 12	0	2	1	4	0	0
Middle East	0	0	4	0	5	5
North Africa	7	12	24	31	25	25
Sub-Saharan Africa	11	19	46	31	50	50
East Asia	138	162	209	222	250	250
Oceania	0	0	0	0	0	0
Total	1,742	2,307	2,245	2,044	2,155	2,155
Production						
North America	3,806	4,935	4,091	4,815	4,030	4,030
South America	1,577	1,478	1,325	1,910	1,792	2,077
European Union - 28	7,909	8,380	7,821	7,494	7,803	7,858
Other Europe	365	349	371	374	375	375
Former Soviet Union - 12	5,285	6,062	6,631	5,767	5,991	5,991
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	1,337	1,837	1,937
Total	21,119	23,494	22,486	22,729	22,869	23,309
Domestic Consumption						
North America	4,530	4,602	4,303	4,508	4,536	4,536
South America	1,515	1,447	1,285	1,805	1,762	2,012
European Union - 28	7,700	8,075	7,730	6,900	7,700	7,700
Other Europe	474	435	436	439	446	446
Former Soviet Union - 12	5,531	6,031	6,531	5,801	5,806	5,806
Middle East	215	215	215	210	215	215
North Africa	175	164	163	193	200	200
Sub-Saharan Africa	72	95	94	88	105	105
East Asia	730	750	800	845	900	900
Oceania	943	978	985	1,054	1,385	1,385
Total	21,885	22,792	22,542	21,843	23,055	23,305
Ending Stocks						
North America	974	1,417	1,459	1,758	1,375	1,360
South America	128	129	106	155	150	185
European Union - 28	901	894	770	1,160	1,086	1,123
Other Europe	27	41	38	27	31	31
Former Soviet Union - 12	332	346	397	298	418	418
Middle East	13	8	6	6	6	6
North Africa	1	1	1	1	1	1
Sub-Saharan Africa	28	11	18	16	16	16
East Asia	144	138	149	127	78	78
Oceania	60	105	93	151	303	403
Total	2,608	3,090	3,037	3,699	3,464	3,621

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 Feb	2016/17 Mar
TY Exports						
Belarus	0	0	0	24	20	20
Canada	178	97	89	111	150	150
European Union	122	201	167	160	125	125
Russia	79	83	121	23	25	25
Ukraine	16	59	13	21	10	10
Others	1	1	1	0	0	0
Subtotal	396	441	391	339	330	330
United States	7	6	3	6	5	5
World Total	403	447	394	345	335	335
TY Imports						
European Union	68	96	96	50	50	50
Israel	34	33	18	15	25	25
Japan	27	37	22	16	20	20
Korea, South	12	8	4	5	5	5
Norway	18	21	6	2	10	10
Russia	25	5	5	5	5	5
Switzerland	9	6	6	3	5	5
Others	4	1	6	16	0	0
Subtotal	197	207	163	112	120	120
Unaccounted	-15	36	-31	16	15	15
United States	221	204	262	217	200	200
World Total	403	447	394	345	335	335

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 Feb	2016/17 Mar
Production						
Argentina	40	52	97	61	70	79
Belarus	1,082	648	867	753	800	800
Canada	337	223	218	226	410	410
European Union	8,763	10,151	8,864	7,832	8,094	7,997
Russia	2,132	3,360	3,279	2,084	2,540	2,540
Turkey	370	365	300	350	350	350
Ukraine	676	638	475	394	390	390
Others	146	128	148	122	133	133
Subtotal	13,546	15,565	14,248	11,822	12,787	12,699
United States	166	194	183	295	342	342
World Total	13,712	15,759	14,431	12,117	13,129	13,041
Total Consumption						
Argentina	40	52	97	61	70	79
Australia	40	19	19	22	25	25
Belarus	1,000	700	850	800	800	800
Canada	127	107	134	118	160	160
European Union	8,700	9,650	8,600	8,100	8,400	8,400
Israel	34	33	18	15	25	25
Kazakhstan	50	40	65	37	40	40
Russia	2,000	3,100	3,250	2,175	2,250	2,250
Turkey	375	350	325	350	350	350
Ukraine	625	625	475	420	380	380
Others	122	142	108	89	108	108
Subtotal	13,121	14,813	13,946	12,206	12,594	12,603
United States	387	424	406	515	554	554
World Total	13,508	15,237	14,352	12,721	13,148	13,157
Ending Stocks						
Belarus	201	149	166	99	79	79
Canada	46	44	42	52	152	152
European Union	795	1,204	1,386	1,008	631	530
Kazakhstan	3	8	4	4	5	5
Russia	153	344	264	130	400	400
Turkey	18	33	14	14	14	14
Ukraine	166	128	106	75	75	75
Others	7	4	3	2	1	1
Subtotal	1,389	1,914	1,985	1,384	1,357	1,256
United States	10	7	15	12	24	24
World Total	1,399	1,921	2,000	1,396	1,381	1,280

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Feb 2016/17	Mar 2016/17
TY Imports						
North America	221	204	262	217	200	200
South America	0	0	0	0	0	0
European Union - 28	68	96	96	50	50	50
Other Europe	29	28	12	5	15	15
Former Soviet Union - 12	27	5	5	21	5	5
Middle East	34	33	24	15	25	25
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	39	45	26	21	25	25
Oceania	0	0	0	0	0	0
Total	418	411	425	329	320	320
Production						
North America	503	417	401	521	752	752
South America	47	59	105	69	82	91
European Union - 28	8,763	10,151	8,864	7,832	8,094	7,997
Other Europe	46	55	56	52	52	52
Former Soviet Union - 12	3,940	4,689	4,682	3,268	3,771	3,771
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	15,759	14,431	12,117	13,129	13,041
Domestic Consumption						
North America	514	531	540	633	714	714
South America	47	59	105	69	82	91
European Union - 28	8,700	9,650	8,600	8,100	8,400	8,400
Other Europe	76	84	70	56	67	67
Former Soviet Union - 12	3,675	4,465	4,640	3,432	3,470	3,470
Middle East	409	383	343	365	375	375
Sub-Saharan Africa	2	3	3	3	3	3
East Asia	37	48	27	22	26	26
Oceania	40	19	19	22	25	25
Total	13,500	15,242	14,347	12,702	13,162	13,171
Ending Stocks						
North America	56	51	57	64	176	176
South America	0	0	0	0	0	0
European Union - 28	795	1,204	1,386	1,008	631	530
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	523	629	540	308	559	559
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	1,399	1,921	2,000	1,396	1,381	1,280

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

CONTENTS

European Union: Grain Supply and Demand	37
China: Grain Supply and Demand	38
Other Europe: Grain Supply and Demand	39
Former Soviet Union: Grain Supply and Demand.....	40
Wheat Supply and Disappearance: Selected Exporters	44
Corn Supply and Disappearance: Selected Exporters.....	46
Barley Supply and Disappearance: Selected Exporters	48
Sorghum Supply and Disappearance: Selected Exporters	49
U.S. Grains: Supply and Distribution.....	50
Total Wheat and Coarse Grains: Supply and Demand	51
World Wheat and Coarse Grains: Supply and Demand	52
World Corn and Barley: Supply and Demand	53
World Rice: Supply and Demand	54

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	27.1	5.3	144.7	5.5	25.5	58.0	128.7	9.9
Coarse Grains								
2005/06	33.2	4.5	149.7	2.7	4.3	112.4	150.9	22.8
2006/07	32.4	4.3	140.3	8.1	4.5	112.9	150.9	15.7
2007/08	32.7	4.2	138.8	20.3	4.5	121.6	157.2	13.1
2008/09	34.1	4.8	165.2	3.1	5.7	116.1	154.5	21.3
2009/10	33.0	4.8	158.0	2.9	3.0	114.8	152.8	26.3
2010/11	30.2	4.7	143.2	8.5	6.2	116.9	155.0	16.9
2011/12	30.2	5.0	150.1	7.0	6.5	113.2	151.7	15.7
2012/13	31.4	4.6	146.2	11.8	7.4	113.7	153.3	13.1
2013/14	31.5	5.1	159.2	16.3	8.6	122.4	164.4	15.6
2014/15	30.8	5.5	170.7	9.2	14.0	121.4	162.6	18.9
2015/16	30.3	5.0	151.7	14.2	13.1	116.0	156.9	14.9
2016/17	30.1	5.1	152.2	13.7	8.2	119.2	159.6	12.9
Wheat and Coarse Grains								
2005/06	59.2	4.8	282.5	9.4	20.0	175.4	279.1	46.9
2006/07	57.1	4.7	265.9	13.2	18.5	173.1	277.1	30.5
2007/08	57.5	4.5	259.6	27.1	16.9	174.1	274.3	25.9
2008/09	60.9	5.2	317.2	10.8	31.1	176.6	282.1	40.7
2009/10	59.0	5.0	297.7	8.2	25.3	172.3	278.4	42.9
2010/11	56.3	5.0	279.9	13.1	29.3	169.4	277.8	28.8
2011/12	56.1	5.1	288.3	14.3	23.3	170.7	278.9	29.3
2012/13	57.4	4.9	280.1	17.1	30.2	164.7	272.6	23.8
2013/14	57.4	5.3	303.8	20.3	40.7	171.4	281.7	25.5
2014/15	57.5	5.7	327.6	15.2	49.4	176.4	287.2	31.7
2015/16	57.1	5.5	311.7	21.2	47.8	177.0	287.9	28.9
2016/17	57.2	5.2	296.8	19.2	33.7	177.2	288.3	22.8

China: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat								
2005/06	22.8	4.3	97.4	1.1	1.4	3.5	101.5	34.5
2006/07	23.6	4.6	108.5	0.4	2.8	4.0	102.0	38.6
2007/08	23.7	4.6	109.3	0.0	2.8	8.0	106.0	39.1
2008/09	23.6	4.8	112.5	0.5	0.7	8.0	105.5	45.8
2009/10	24.3	4.7	115.1	1.4	0.9	10.0	107.0	54.4
2010/11	24.3	4.7	115.2	0.9	0.9	13.0	110.5	59.1
2011/12	24.3	4.8	117.4	2.9	1.0	24.0	122.5	55.9
2012/13	24.3	5.0	121.0	3.0	1.0	25.0	125.0	54.0
2013/14	24.1	5.1	121.9	6.8	0.9	16.0	116.5	65.3
2014/15	24.1	5.2	126.2	1.9	0.8	16.0	116.5	76.1
2015/16	24.1	5.4	130.2	3.5	0.7	10.5	112.0	97.0
2016/17	24.2	5.3	128.9	4.0	0.8	16.0	118.0	111.1
Coarse Grains								
2005/06	28.8	5.1	147.8	2.3	3.8	103.5	147.1	36.9
2006/07	31.1	5.1	159.0	1.2	5.5	105.0	153.5	38.0
2007/08	31.9	5.0	159.2	1.2	0.9	106.7	157.9	39.5
2008/09	32.2	5.4	172.4	1.7	0.2	109.1	161.2	52.2
2009/10	33.4	5.1	169.8	3.8	0.2	119.1	173.3	52.3
2010/11	34.6	5.3	183.8	2.7	0.2	128.8	188.4	50.1
2011/12	35.5	5.6	198.6	7.9	0.1	132.0	196.2	60.4
2012/13	37.1	5.7	212.2	5.6	0.1	146.1	209.7	68.4
2013/14	38.3	5.9	225.4	12.4	0.0	157.8	223.5	82.7
2014/15	39.2	5.7	222.8	25.7	0.0	158.8	229.1	102.0
2015/16	40.2	5.8	231.8	17.5	0.0	166.9	239.2	112.2
2016/17	39.0	5.8	227.9	13.1	0.0	171.2	249.8	103.3
Wheat and Coarse Grains								
2005/06	51.6	4.8	245.3	3.4	5.2	107.0	248.6	71.4
2006/07	54.7	4.9	267.4	1.5	8.2	109.0	255.5	76.6
2007/08	55.6	4.8	268.5	1.2	3.7	114.7	263.9	78.6
2008/09	55.8	5.1	284.9	2.1	0.9	117.1	266.7	98.0
2009/10	57.6	4.9	284.9	5.2	1.1	129.1	280.3	106.7
2010/11	58.9	5.1	299.0	3.6	1.1	141.8	298.9	109.2
2011/12	59.8	5.3	316.0	10.9	1.1	156.0	318.7	116.3
2012/13	61.3	5.4	333.2	8.6	1.1	171.1	334.7	122.3
2013/14	62.4	5.6	347.3	19.2	0.9	173.8	340.0	147.9
2014/15	63.3	5.5	349.0	27.6	0.8	174.8	345.6	178.1
2015/16	64.3	5.6	362.0	21.0	0.8	177.4	351.2	209.2
2016/17	63.2	5.6	356.7	17.1	0.8	187.2	367.8	214.4

Other Europe: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumpti	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	4.0	1.8	1.0	1.2	4.9	1.1
2016/17	1.0	4.7	4.6	1.9	1.4	1.4	5.1	1.1
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	1.4
2011/12	2.0	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	4.5	8.9	0.9	1.9	6.4	7.8	0.8
2014/15	1.9	5.8	10.7	0.8	3.1	6.8	8.1	1.1
2015/16	1.8	4.9	9.0	0.8	1.6	7.0	8.4	0.9
2016/17	1.9	5.6	10.5	0.9	2.6	7.1	8.5	1.2
Wheat and Coarse Grains								
2005/06	3.1	4.5	13.9	2.0	1.4	9.4	14.8	2.4
2006/07	3.0	4.5	13.3	2.3	1.2	9.2	14.2	2.5
2007/08	3.0	3.5	10.6	2.7	0.6	7.8	12.6	2.6
2008/09	3.0	4.6	13.7	2.3	1.9	8.8	13.8	2.8
2009/10	3.0	4.5	13.5	2.4	1.9	8.5	13.7	3.2
2010/11	2.9	4.6	13.2	2.4	2.6	8.1	13.4	2.7
2011/12	2.9	4.5	13.1	2.7	2.8	8.1	13.3	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	13.0	2.7	3.1	7.5	12.6	1.7
2014/15	2.8	5.2	14.7	2.5	3.7	7.9	13.0	2.2
2015/16	2.7	4.8	13.0	2.6	2.5	8.2	13.2	2.0
2016/17	2.8	5.3	15.1	2.8	3.9	8.5	13.6	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	5.6	13.8	24.4	75.6	23.3
2011/12	49.7	2.3	115.0	8.0	39.7	28.4	80.0	26.6
2012/13	44.0	1.8	77.8	7.2	25.4	21.6	71.7	14.5
2013/14	47.7	2.2	103.9	7.5	37.3	22.7	72.8	15.8
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.3	20.7
2015/16	49.1	2.4	118.2	7.4	51.5	26.9	78.2	16.7
2016/17	50.6	2.6	130.2	7.5	53.5	27.9	79.3	21.6
Coarse Grains								
2010/11	21.9	2.2	47.5	1.1	8.6	28.3	41.9	5.5
2011/12	27.0	2.9	78.6	1.0	24.6	38.5	54.4	6.1
2012/13	27.5	2.5	68.2	0.7	19.8	35.5	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	27.9	2.9	82.1	0.5	31.3	39.5	54.6	4.2
2016/17	28.2	3.3	93.1	0.7	34.3	41.9	57.3	6.4

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	12.4	1.2	15.0	0.1	7.5	2.1	6.9	3.2
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	27.1	2.7	72.5	0.5	28.5	16.0	39.0	11.1
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	11.5	5.7
2015/16	7.1	3.8	27.3	0.0	17.4	5.2	12.3	3.2
2016/17	6.5	4.2	26.8	0.0	16.5	4.4	11.3	2.3
Uzbekistan								
2013/14	1.4	4.9	6.8	2.2	0.3	1.9	8.4	1.9
2014/15	1.4	5.1	7.2	2.2	0.2	2.2	8.9	2.2
2015/16	1.4	5.1	7.2	2.7	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	3.1
2014/15	3.4	2.6	8.8	4.5	0.4	3.5	12.6	3.3
2015/16	3.4	2.6	9.0	3.8	0.7	3.3	12.6	2.8
2016/17	3.3	2.6	8.7	4.2	0.8	3.0	12.4	2.5
Total Former Soviet Union - 12								
2013/14	47.7	2.2	103.9	7.5	37.3	22.7	72.8	15.8
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.3	20.7
2015/16	49.1	2.4	118.2	7.4	51.5	26.9	78.2	16.7
2016/17	50.6	2.6	130.2	7.5	53.5	27.9	79.3	21.6

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	1.7	3.2	0.0	1.0	1.9	2.2	0.2
Russia								
2013/14	8.0	1.9	15.4	0.2	2.7	8.3	12.7	0.9
2014/15	8.8	2.3	20.0	0.0	5.3	9.2	14.1	1.5
2015/16	8.0	2.1	17.1	0.1	4.2	8.9	13.6	0.8
2016/17	8.0	2.2	17.5	0.1	3.6	9.2	13.9	0.9
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	9.9	0.0	5.0	3.4	4.9	0.9
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	1.2	2.8	3.5	0.0	0.1	2.7	3.5	0.2
2016/17	1.4	2.7	3.8	0.1	0.1	2.9	3.8	0.2
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	14.4	2.2	32.2	0.1	9.6	16.7	24.1	2.1
2016/17	14.4	2.4	34.6	0.2	9.7	17.7	25.1	2.2

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	5.6	0.8	0.0	0.1	0.6	0.7	0.2
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	0.0	4.7	7.8	8.7	0.2
2016/17	2.8	5.5	15.5	0.1	5.3	8.7	9.6	0.8
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	16.6	6.7	8.0	0.6
2016/17	4.3	6.6	28.0	0.1	18.7	7.0	8.4	1.5
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	0.2	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	0.8	2.9	2.5	0.3	0.1	2.6	2.9	0.5
2016/17	0.9	3.7	3.2	0.3	0.3	2.8	3.1	0.6
Total Former Soviet Union - 12								
2013/14	8.3	5.7	46.9	0.4	24.8	18.4	21.1	3.4
2014/15	8.3	5.3	43.8	0.5	23.2	18.8	21.5	3.0
2015/16	7.8	5.1	39.8	0.4	21.4	17.8	20.4	1.4
2016/17	8.1	5.9	47.6	0.4	24.4	19.2	22.0	3.1

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	9.6	0.2	5.9	0.6
2016/17	4.9	3.3	16.0	0.0	10.1	0.1	6.2	0.3
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	23.7	0.2	16.6	3.8	7.2	4.7
2015/16	12.8	1.9	24.2	0.2	16.1	3.8	7.2	5.6
2016/17	12.9	2.7	35.0	0.2	25.5	4.5	8.0	7.3
Canada								
2012/13	9.5	2.9	27.2	0.5	19.0	4.3	9.6	5.1
2013/14	10.4	3.6	37.5	0.4	23.3	4.2	9.4	10.4
2014/15	9.5	3.1	29.4	0.5	24.2	3.7	9.1	7.1
2015/16	9.6	2.9	27.6	0.5	22.1	2.7	7.9	5.2
2016/17	8.9	3.6	31.7	0.5	20.5	5.0	10.2	6.7
European Union								
2012/13	26.0	5.2	133.9	5.3	22.8	51.0	119.3	10.7
2013/14	25.9	5.6	144.6	4.0	32.0	49.0	117.3	9.9
2014/15	26.7	5.9	156.9	6.0	35.4	55.0	124.7	12.7
2015/16	26.8	6.0	160.0	6.9	34.7	61.0	131.0	14.0
2016/17	27.1	5.3	144.7	5.5	25.5	58.0	128.7	9.9
Kazakhstan								
2012/13	12.4	0.8	9.8	0.0	6.3	2.0	6.8	2.9
2013/14	13.0	1.1	13.9	0.0	8.1	2.0	6.8	2.0
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.2
2015/16	11.6	1.2	13.7	0.1	7.6	2.1	6.9	2.6
2016/17	12.4	1.2	15.0	0.1	7.5	2.1	6.9	3.2
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	27.1	2.7	72.5	0.5	28.5	16.0	39.0	11.1

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	11.5	5.7
2015/16	7.1	3.8	27.3	0.0	17.4	5.2	12.3	3.2
2016/17	6.5	4.2	26.8	0.0	16.5	4.4	11.3	2.3
Total Wheat Competitors								
2012/13	91.4	2.8	256.6	7.1	88.7	76.0	193.5	31.2
2013/14	95.4	3.2	306.2	5.5	112.6	74.8	192.1	38.2
2014/15	95.4	3.4	320.8	7.6	121.1	81.8	201.1	44.5
2015/16	97.4	3.3	325.1	8.5	133.1	89.0	208.2	36.8
2016/17	99.6	3.4	341.6	6.7	134.1	90.1	210.3	40.8

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

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Argentina								
2008/09	2.5	6.2	15.5	0.0	10.3	4.5	6.4	0.9
2009/10	3.0	8.3	25.0	0.0	16.5	5.0	6.9	2.5
2010/11	3.8	6.7	25.2	0.0	16.3	5.3	7.3	4.0
2011/12	3.6	5.8	21.0	0.0	17.1	4.8	7.0	0.9
2012/13	4.0	6.8	27.0	0.0	18.7	5.3	7.9	1.3
2013/14	3.4	7.6	26.0	0.0	17.1	5.8	8.8	1.4
2014/15	3.5	8.5	29.8	0.0	19.0	6.0	9.3	2.9
2015/16	3.5	8.3	29.0	0.0	21.7	5.9	9.2	1.1
2016/17	4.6	8.2	37.5	0.0	25.5	6.8	10.5	2.6
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	3.4	14.2	49.0	57.5	6.5
2016/17	17.0	5.4	91.5	0.3	31.0	50.5	59.5	7.8
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	110.8
2016/17	36.8	6.0	219.6	3.0	0.0	161.0	231.0	102.3
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	3.7	8.2	2.6	0.8	5.7	11.2	1.3
2016/17	3.1	4.7	14.6	0.1	2.0	5.8	11.7	2.3
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	63.1
2010/11	52.9	5.1	270.8	2.2	27.3	181.3	248.0	60.8
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	341.0	7.8	54.1	200.2	280.0	113.7
2015/16	59.8	5.5	328.8	9.2	36.7	214.1	295.4	119.6
2016/17	61.5	5.9	363.2	3.4	58.5	224.1	312.7	115.0

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	5.7	2.0	3.3	0.7
2016/17	4.0	3.3	13.0	0.0	8.1	2.3	3.7	1.9
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	2.2	4.0	8.8	0.1	1.7	6.0	7.2	1.5
European Union								
2008/09	14.6	4.5	65.8	0.3	3.6	41.7	57.3	11.0
2009/10	14.0	4.5	62.4	0.1	1.1	41.7	56.8	15.6
2010/11	12.5	4.3	53.7	0.2	4.9	41.3	56.6	7.9
2011/12	11.9	4.3	51.9	0.5	3.0	35.8	51.2	6.1
2012/13	12.5	4.4	54.9	0.1	5.0	35.5	51.0	5.0
2013/14	12.4	4.8	59.7	0.0	5.7	38.0	53.4	5.6
2014/15	12.4	4.9	60.6	0.1	9.5	35.5	50.9	5.9
2015/16	12.2	5.0	61.5	0.3	10.8	36.3	51.7	5.2
2016/17	12.5	4.8	60.0	0.4	5.9	38.7	54.1	5.6

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	0.6	2.5	2.9	0.9
2016/17	0.8	4.5	3.6	0.0	0.9	2.6	3.0	0.6
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	0.3
2015/16	0.7	3.0	2.0	0.0	1.0	1.1	1.1	0.2
2016/17	0.4	2.7	1.2	0.0	0.4	0.8	0.8	0.2

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

Thousand Metric Tons/Hectares

	Area Harvested	Yield	Rough Production	Production	Imports	TY Imports	Exports	TY Exports	Feed Dom. Consumption	Domestic Consumption	Ending Stocks
Wheat											
2014/15	18,771	3	nr	55,147	4,117	3,964	23,518	22,999	3,092	31,334	20,477
2015/16	19,149	3	nr	56,117	3,073	3,056	21,094	21,856	4,141	32,021	26,552
2016/17	17,762	4	nr	62,859	3,130	3,200	27,896	27,500	6,123	33,911	30,734
Corn											
2014/15	33,644	11	nr	361,091	804	809	47,421	46,831	134,108	301,792	43,974
2015/16	32,680	11	nr	345,506	1,714	1,779	48,202	51,198	130,051	298,869	44,123
2016/17	35,106	11	nr	384,778	1,397	1,400	56,518	56,500	140,976	314,847	58,933
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	98	8,600	7,895	2,731	6,213	930
2016/17	2,494	5	nr	12,199	25	25	5,715	5,800	3,556	6,476	963
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	350	235	161	1,085	4,406	2,223
2016/17	1,035	4	nr	4,339	327	350	109	150	1,197	4,529	2,251
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	1,538	29	35	1,582	2,702	824
2016/17	397	2	nr	940	1,637	1,580	44	30	1,565	2,696	661
Rye											
2014/15	104	2	nr	183	237	262	6	3	164	406	15
2015/16	148	2	nr	295	222	217	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	1,046	8	8,761	6,133	766	768	3,421	3,541	nr	3,555	1,475
2016/17	1,253	8	10,167	7,117	746	750	3,493	3,500	nr	4,190	1,655

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

Total Wheat and Coarse Grains: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat and Coarse Grains							
1987/88	544.3	2.4	1,285.9	202.2	656.6	1,329.8	422.8
1988/89	541.9	2.2	1,218.1	203.3	619.5	1,301.9	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	1,355.6	207.5	653.5	1,365.9	357.9
1992/93	545.9	2.6	1,431.7	205.2	664.1	1,388.2	398.5
1993/94	536.0	2.5	1,356.5	188.2	657.1	1,389.1	366.0
1994/95	534.1	2.6	1,393.0	200.1	670.5	1,395.7	363.2
1995/96	527.3	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	1,481.2	198.7	685.3	1,448.3	449.0
1999/00	506.1	2.9	1,465.5	214.0	690.3	1,469.9	444.1
2000/01	509.2	2.8	1,446.3	204.9	700.3	1,472.2	418.2
2001/02	511.5	2.9	1,480.2	208.3	713.7	1,495.7	402.7
2002/03	504.2	2.9	1,445.0	209.2	711.6	1,506.4	341.3
2003/04	511.2	2.9	1,473.6	205.8	718.1	1,536.0	278.9
2004/05	514.9	3.2	1,643.2	214.4	756.3	1,586.6	335.6
2005/06	517.5	3.1	1,600.2	222.5	758.1	1,617.3	318.4
2006/07	519.1	3.1	1,584.7	229.9	749.5	1,630.3	272.8
2007/08	534.4	3.2	1,691.8	244.7	764.1	1,675.4	289.2
2008/09	539.4	3.3	1,792.2	253.5	773.8	1,721.9	359.6
2009/10	533.6	3.4	1,804.2	254.1	782.3	1,767.8	396.0
2010/11	523.4	3.3	1,747.7	249.9	773.5	1,783.8	359.9
2011/12	537.8	3.4	1,853.8	287.1	807.8	1,853.3	360.4
2012/13	532.4	3.4	1,795.1	279.7	807.1	1,813.7	341.8
2013/14	540.5	3.7	1,994.6	327.8	860.2	1,930.4	406.0
2014/15	547.0	3.7	2,035.9	335.7	883.4	1,977.6	464.3
2015/16	546.2	3.6	1,984.6	356.9	902.3	1,962.6	486.3
2016/17	544.5	3.8	2,092.8	362.5	944.9	2,074.2	505.0

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

World Wheat and Coarse Grains: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic 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	215.4	2.7	582.8	102.1	111.2	587.1	206.0
2001/02	214.3	2.7	583.9	107.9	112.0	586.6	203.3
2002/03	213.4	2.7	569.7	106.5	116.1	603.9	169.0
2003/04	208.0	2.7	555.7	103.5	101.7	588.9	135.8
2004/05	215.8	2.9	626.8	113.2	110.7	606.3	156.2
2005/06	217.5	2.8	618.8	114.1	117.7	621.8	153.3
2006/07	212.3	2.8	596.7	115.3	113.1	616.5	133.4
2007/08	216.9	2.8	611.9	116.0	104.6	617.3	128.1
2008/09	224.1	3.1	684.0	143.2	124.0	642.9	169.1
2009/10	225.6	3.0	687.2	135.3	122.3	653.1	203.3
2010/11	216.9	3.0	649.5	134.0	116.8	653.8	198.9
2011/12	221.0	3.2	697.3	153.7	148.7	697.8	198.5
2012/13	215.8	3.1	658.6	147.3	138.2	679.3	177.8
2013/14	219.6	3.3	715.1	162.5	126.6	697.9	194.9
2014/15	221.7	3.3	728.3	161.8	131.8	705.7	217.5
2015/16	225.0	3.3	735.3	172.1	138.5	712.5	240.3
2016/17	221.9	3.4	751.1	180.1	148.3	741.4	249.9
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	217.2
1998/99	301.0	3.0	890.7	96.7	575.9	869.4	238.5
1999/00	293.4	3.0	878.0	102.1	585.7	882.2	233.8
2000/01	293.8	2.9	863.5	102.8	589.2	885.1	212.2
2001/02	297.3	3.0	896.3	100.4	601.6	909.1	199.4
2002/03	290.8	3.0	875.3	102.7	595.5	902.4	172.3
2003/04	303.3	3.0	917.9	102.3	616.4	947.1	143.1
2004/05	299.1	3.4	1,016.5	101.2	645.6	980.2	179.4
2005/06	300.0	3.3	981.3	108.4	640.4	995.6	165.1
2006/07	306.8	3.2	988.0	114.5	636.4	1,013.8	139.3
2007/08	317.5	3.4	1,079.9	128.7	659.5	1,058.1	161.1
2008/09	315.4	3.5	1,108.3	110.4	649.8	1,078.9	190.5
2009/10	308.0	3.6	1,117.0	118.8	660.0	1,114.7	192.7
2010/11	306.6	3.6	1,098.2	115.9	656.7	1,129.9	161.0
2011/12	316.8	3.7	1,156.5	133.4	659.0	1,155.5	161.9
2012/13	316.6	3.6	1,136.5	132.4	668.9	1,134.5	163.9
2013/14	320.9	4.0	1,279.6	165.2	733.5	1,232.5	211.0
2014/15	325.4	4.0	1,307.6	173.9	751.7	1,271.9	246.8
2015/16	321.3	3.9	1,249.4	184.9	763.8	1,250.1	246.1
2016/17	322.6	4.2	1,341.7	182.4	796.5	1,332.7	255.0

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

World Corn and Barley: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Corn							
1994/95	135.2	4.1	559.6	71.9	371.6	535.7	153.3
1995/96	135.1	3.8	516.7	64.8	365.3	536.8	133.3
1996/97	141.5	4.2	592.9	66.6	387.8	559.9	166.3
1997/98	136.3	4.2	574.1	63.1	400.6	573.3	167.2
1998/99	139.0	4.4	605.8	68.7	404.3	581.6	191.4
1999/00	138.8	4.4	608.1	72.0	422.4	605.1	194.4
2000/01	137.1	4.3	591.7	75.9	427.3	610.8	175.2
2001/02	137.1	4.4	601.8	72.7	436.4	625.5	151.5
2002/03	137.7	4.4	603.9	76.8	433.4	628.5	126.9
2003/04	141.6	4.4	627.7	79.0	445.8	649.9	104.6
2004/05	145.4	4.9	717.1	76.0	476.0	690.7	131.1
2005/06	145.4	4.8	701.0	82.5	479.5	708.5	123.6
2006/07	150.5	4.8	716.5	91.3	480.2	731.2	108.9
2007/08	160.3	5.0	795.5	98.2	501.3	776.6	127.9
2008/09	158.7	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	835.8	91.7	503.5	853.2	123.4
2011/12	172.1	5.2	889.7	103.7	508.5	885.1	128.1
2012/13	177.5	4.9	869.6	100.7	518.4	864.6	133.1
2013/14	180.3	5.5	990.4	130.8	570.6	948.8	174.8
2014/15	179.8	5.6	1,015.6	128.4	584.4	980.7	209.7
2015/16	177.7	5.4	961.9	144.9	598.9	960.7	210.9
2016/17	181.9	5.8	1,049.2	144.5	630.2	1,039.4	220.7
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	53.1	2.5	133.0	16.3	94.6	134.3	22.6
2001/02	55.7	2.6	143.5	17.2	95.5	136.9	29.2
2002/03	54.7	2.5	134.3	16.3	94.7	135.9	27.6
2003/04	58.4	2.4	142.9	14.8	103.3	147.0	23.5
2004/05	57.4	2.7	152.4	17.0	100.2	142.7	33.1
2005/06	55.2	2.5	136.2	17.4	97.4	141.1	28.3
2006/07	56.3	2.4	136.8	14.6	98.4	143.6	21.4
2007/08	55.7	2.4	132.7	18.5	91.0	133.6	20.5
2008/09	55.0	2.8	155.0	18.2	100.4	143.9	31.6
2009/10	54.2	2.8	150.9	17.3	101.5	145.3	37.2
2010/11	47.1	2.6	123.0	15.2	91.3	136.1	24.1
2011/12	49.2	2.7	133.5	21.4	91.7	135.0	22.6
2012/13	50.2	2.6	129.1	22.2	88.8	131.3	20.4
2013/14	50.7	2.8	144.3	23.8	97.3	140.9	23.9
2014/15	49.6	2.9	141.7	30.1	97.4	141.6	24.0
2015/16	49.7	3.0	147.8	27.5	99.9	147.7	24.1
2016/17	48.4	3.0	147.0	27.7	101.6	147.4	23.7

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 Production	Production	TY Exports	Domestic Consumption	Ending Stocks
Rice, Milled							
1987/88	141.4	3.3	464.8	315.1	11.4	313.2	105.3
1988/89	146.6	3.3	490.8	332.1	14.0	325.7	111.6
1989/90	147.8	3.5	510.3	345.3	11.7	336.3	120.6
1990/91	147.0	3.5	519.4	351.4	12.3	345.3	126.6
1991/92	147.6	3.5	522.9	353.3	14.4	353.2	126.7
1992/93	146.4	3.6	524.0	353.9	14.9	357.4	123.1
1993/94	145.3	3.6	526.1	354.7	16.6	358.9	118.9
1994/95	147.3	3.7	539.9	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	400.2	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	622.3	417.9	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	643.6	433.6	29.5	428.1	80.9
2008/09	158.5	4.2	669.5	449.9	29.4	437.9	92.9
2009/10	155.8	4.2	656.2	440.7	31.8	438.5	95.1
2010/11	158.2	4.2	672.1	450.4	36.5	445.4	100.1
2011/12	160.4	4.3	697.2	467.6	40.0	460.9	106.8
2012/13	158.8	4.4	704.6	472.5	39.5	465.4	113.9
2013/14	161.6	4.4	713.3	478.3	44.1	478.3	113.9
2014/15	160.9	4.4	713.5	478.6	42.6	477.5	114.9
2015/16	159.2	4.4	703.8	472.2	40.4	470.9	116.1
2016/17	161.3	4.4	716.3	480.3	41.2	478.8	117.7

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 (<https://apps.fas.usda.gov/psdonline/app/index.html#/app/downloads>).

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 February 2017. For further details on world grain production, please see World Agricultural Production March 2017.

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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