

# World Agricultural Supply and Demand Estimates

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Office of the  
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WASDE - 555

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**NOTE:** This report adopts U.S. area, yield, and production forecasts for winter wheat, durum, other spring wheat, barley, and oats released today by the National Agricultural Statistics Service (NASS). For rice, corn, sorghum, soybeans, and cotton, area estimates reflect the June 30 NASS *Acreage* report, and methods used to project production are noted on each table. The first survey-based 2016 production forecasts for those crops will be reported by NASS on August 12.

**WHEAT:** Projected U.S. supplies for 2016/17 are raised 180 million bushels this month on increased production and slightly higher beginning stocks. A 5-million-bushel decrease in imports is minimally offsetting. Production is raised throughout the wheat belt. Winter wheat yields are projected to be record high, and spring wheat yields are slightly above average. Feed and residual use for 2016/17 is raised 100 million bushels to 300 million on the larger supplies and increased wheat price competitiveness with corn. U.S. exports are raised 25 million bushels to 925 million, which would be the highest in 3 years. Ending stocks are raised 55 million bushels to 1,105 million bushels, the highest since 1988/89. With the large increase in carryover stocks, the season-average farm price is lowered \$0.20 per bushel at the midpoint to a projected range of \$3.40 to \$4.20.

Global 2016/17 wheat supplies are raised 9.2 million tons to 983.0 million on increased production as well as a 1.5-million-ton increase in beginning stocks. Foreign production is raised 2.7 million tons led by 1.0-million-ton increases for both Russia and Ukraine on favorable weather. Production for Argentina, Australia, and Canada are each raised 0.5 million tons. These increases are partially offset by a 1.0-million-ton decrease for the EU on heavy rain in France and a 0.7-million-ton decrease for Algeria on a worse-than-expected impact from drought. Total world production is now projected at a record 738.5 million tons.

Global use for 2016/17 is raised 13.3 million tons to 729.3 million, primarily on increased feed use, stemming from the large world supplies and heavy late-season rain in several production regions. Feed use in China and the EU are raised 5.5 million tons and 1.5 million tons, respectively. Global food and industrial use is raised 1.7 million tons, led by a 1.0-million-ton increase for China. Global 2016/17 exports are raised 2.8 million tons on increased supplies and strong demand in several countries. Foreign export increases are led by a 1.0-million-ton increase for Ukraine, and 0.5 million tons each for Argentina, Australia, Canada, Russia, and Turkey. The increases are partly offset by a 1.5-million-ton reduction for EU exports on a smaller crop and increased domestic feed use. With total use rising faster than supplies, world ending stocks are lowered 4.1 million tons to 253.7 million, but remain record large.

**COARSE GRAINS:** Projected 2016/17 U.S. feed grain supplies are raised this month as lower beginning stocks are more than offset by increased production. Corn beginning stocks for 2016/17 are lowered 7 million bushels as reductions in 2015/16 feed and residual use and use for ethanol production are more than offset by increases in exports and seed use. Corn production for 2016/17 is projected 110 million bushels higher reflecting the increased planted and harvested areas from the June 30 *Acreage* report. Projected sorghum production for 2016/17 is raised 13 million bushels on higher expected harvested area. Oats production is

forecast 9 million bushels higher and barley production is forecast 10 million bushels lower in today's *Crop Production* report mostly reflecting area adjustments in the *Acreage* report.

Projected 2016/17 U.S. corn use is raised 30 million bushels as increased prospects for exports and higher seed use more than offset lower projected use for feed and residual and ethanol production. Exports are projected 100 million bushels higher on reduced competition from Brazil, as reflected by new-crop export sales that are well above a year ago. Projected feed and residual use for 2016/17 is lowered, despite the larger crop, reflecting implications of the lower-than-expected disappearance for 2015/16 indicated by the June 30 *Grain Stocks* report. Projected corn use for ethanol is lowered 25 million bushels in line with changes for 2015/16 driven by the latest data from the *Grain Crushings and Co-Products Production* report. Corn seed use is revised higher back to 1995/96 to better reflect rising plant populations reported in the NASS objective yield survey data. Updated seed use estimates will be available in this month's Economic Research Service *Feed Outlook* and from the Feed Grains Database at <http://www.ers.usda.gov/data-products/feed-grains-database.aspx>.

Corn ending stocks for 2016/17 are projected 73 million bushels higher. Projected season-average prices received by producers for 2016/17 are lowered for all the feed grains, with corn down 10 cents to \$3.10 to \$3.70 per bushel. For 2015/16 the corn price is lowered 5 cents at the midpoint to a range of \$3.60 to \$3.70 per bushel.

Global coarse grain supplies for 2016/17 are projected slightly lower this month. Coarse grain beginning stocks are down slightly from last month mostly reflecting reductions in barley for the EU and corn for Brazil. Partly offsetting are higher corn stocks for China and Mexico. Global coarse grain output is largely unchanged with lower corn and barley production mostly offset by higher oats, sorghum, and rye production. Brazil corn production for 2016/17 is reduced 2.0 million tons based on lowered yield expectations. Canada corn production for 2016/17 is lowered 1.3 million tons based on the latest area information from Statistics Canada and lower yield prospects following one of the driest Junes in over 30 years in Ontario. Global barley production for 2016/17 is lowered, mostly on reductions for Turkey, Canada, Algeria, and Morocco, which more than offset increases for Australia, Ukraine and Uruguay.

Brazil corn production for 2015/16 is lowered 7.5 million tons reflecting the latest government statistics which confirm the adverse impact of this year's early end to the rainy season in much of central Brazil. An unusual early June freeze also adversely affected second-crop corn in Parana following what had been a generally favorable growing season. Argentina corn production for 2015/16 is raised 1.0 million tons based on harvest data reported to date.

Global 2016/17 coarse grain consumption is lowered 3.3 million tons, mostly reflecting reduced corn feeding for the United States, Brazil, China, EU, South Korea, and Indonesia. Larger global supplies of feed-quality wheat are expected to undercut corn in price sensitive markets in the EU and Asia. EU corn imports are lowered for 2015/16 and 2016/17 with greater wheat and barley feeding. Brazil corn exports are lowered for 2015/16 and 2016/17, down 4.0 million tons and 1.0 million tons, respectively. Global 2016/17 corn ending stocks are projected 3.3 million tons higher mostly on a 2.1-million-ton increase for China. Outside of China, corn stocks are 1.2 million tons higher with larger stocks for the United States and Indonesia more than offsetting reductions for Brazil, Japan, and Canada.

**RICE:** U.S. 2016/17 all rice supplies are raised 12.0 million cwt to 309.9 million on a production increase that is partially offset by lower beginning stocks. Long-grain production is raised 2.0 million cwt while combined medium- and short-grain production is raised 12.0 million cwt. The production increase reflects the 148,000 acre increase in planted area (mostly California

medium- and short-grain rice) from NASS' June *Acreage* report. Harvested area is forecast at 3.2 million acres, up 24 percent from the previous year. Beginning stocks are reduced 2.0 million cwt on an equivalent increase in 2015/16 exports. For 2016/17, all rice domestic and residual use and exports are each raised 3.0 million cwt to 138.0 million and 115.0 million, respectively. Ending stocks are unchanged for long-grain, but raised 6.0 million to 16.5 million for medium- and short-grain. All rice ending stocks are now forecast at 56.9 million cwt, the largest since 1985/86. The all rice season-average farm price is lowered \$0.40 per cwt at the midpoint to a projected range of \$11.20 to \$12.20, reflecting lower expected California prices.

Global rice supplies for 2016/17 are raised 0.6 million tons primarily on the larger U.S. crop. Several mostly offsetting changes are made for 2015/16 and 2016/17 exports, imports, and domestic use. Global ending stocks for 2016/17 are raised 0.4 million tons to 107.3 million.

**OILSEEDS:** U.S. oilseed production for 2016/17 is projected at 115.4 million tons, up 2.5 million tons mainly on higher soybean production. Soybean production is projected at 3,880 million bushels, up 80 million due to increased harvested area. Harvested area, forecast at a record 83.0 million acres in the June 30 *Acreage* report, is 1.6 million above the June forecast. The soybean yield is projected at 46.7 bushels per acre, unchanged from last month. Soybean supplies are raised 60 million bushels with lower beginning stocks partly offsetting production gains. With increased supplies, soybean crush and exports are raised 10 and 20 million bushels respectively. Soybean ending stocks are projected at 290 million bushels, up 30 million from last month.

Soybean exports for 2015/16 are projected at 1,795 million bushels, up 35 million reflecting shipments and outstanding sales through early July. Residual use is reduced based on indications from the June 30 *Grain Stocks* report. Soybean ending stocks for 2015/16 are projected at 350 million bushels, down 20 million from last month.

The U.S. season-average soybean price for 2016/17 is projected at \$8.75 to \$10.25 per bushel, unchanged from last month. The soybean meal price is projected at \$325 to \$365 per short ton, up 5 dollars on both ends. The soybean oil price is projected at 29.5 to 32.5 cents per pound, down 1 cent on both ends of the range.

Global oilseed production for 2016/17 is projected at 536.4 million tons, up 2.6 million from last month with U.S. soybean production accounting for most of the change. Foreign oilseed production is projected at 421.1 million tons, up 0.1 million with higher rapeseed and sunflowerseed production mostly offset with lower forecasts for cottonseed and copra. Rapeseed production is raised for Canada mainly on increased planted area reported by Statistics Canada. Rapeseed production is reduced for the EU on lower harvested area and yields. Lower yields reflect excessive June rainfall, mainly in France. Other changes include increased soybean production for Canada and increased peanut production for the United States. Cottonseed production is reduced for India and Pakistan with partly offsetting increases for the United States and Australia. Global oilseed ending stocks for 2016/17 are projected at 76.1 million tons, up 1.0 million with higher soybean, rapeseed, and sunflowerseed stocks only partly offset with lower peanut stocks. Global vegetable oil stocks are raised mainly reflecting historical revisions for Indonesia.

**SUGAR:** Sugar production for the fiscal year (FY) 2016/17 is increased 250,896 short tons, raw value (STRV) to 8.961 million resulting from increases made by NASS in the June 30 *Acreage* report. Sugarbeet planted area is forecast at 1.166 million tons, up slightly from last year and 0.6 percent above *Prospective Plantings*. Sugarbeet harvested area is projected at 1.149 million acres, an increase of 2.2 percent over the level used for projecting production in the June 2016

*WASDE*. Projected 2016/17 beet sugar production for the August/July crop year is increased 115,000 STRV to 5.333 million. With 11.5 percent of the crop expected to be harvested prior to the start of the fiscal year, production for FY 2016/17 is increased 101,774 STRV to 5.192 million. NASS projects sugarcane harvested area at 918,200 acres, up 3.5 percent from last year. That increase, along with sugar yield in Texas returning to historical levels, implies an increase in 2016/17 cane sugar production of 149,000 STRV to 3.769 million.

Imports for 2016/17 are reduced by 408,090 STRV to 3.068 million. Reduced imports from Mexico totaling 387,109 STRV account for most of the decrease. Beginning stocks for 2016/17 are reduced by 53,308 STRV due to lowered beet sugar production for 2015/16 and fewer imports under tariff-rate quotas for raw sugar and certain free trade agreements for 2015/16. Ending stocks for 2016/17 are projected residually at 1.654 million STRV, implying an ending stocks-to-use ratio of 13.5 percent.

Beginning stocks for 2016/17 in Mexico are reduced 165,107 metric tons (MT) due to less 2015/16 production than projected last month and increased sugar for domestic consumption. Deliveries for consumption in 2016/17 are expected to increase in line with the 2015/16 increase by 100,508 MT. Exports to the United States are projected to decrease 331,302 MT to 1.173 million, based on changes made in this month's July 2016 *WASDE* for the United States as per the Countervailing Duty (CVD) Suspension Agreement of December 19, 2014 ("Target Quantity of U.S. Sugar Needs"). Ending stocks for 2016/17 are projected residually at 1.275 million MT, up 65,687 as lower beginning stocks and increased domestic deliveries partially offset the reduction in exports.

**LIVESTOCK, POULTRY, AND DAIRY:** The forecast for total red meat and poultry production for 2016 is raised from last month. Beef production is forecast higher largely on the pace of slaughter in the second quarter, but also as feedlot marketings during the second half of the year are expected to remain relatively high. Pork production for 2016 is also raised, based on second quarter slaughter and larger expected slaughter in the fourth quarter. Broiler production for 2016 is raised on year-to-date production and hatchery data. The turkey production forecast is raised on second quarter production data. For 2017, pork production is reduced. In the June 24 *Quarterly Hogs and Pigs* report, producers indicated intentions to have fewer sows farrow in the second half of 2016 compared to 2015. No change is made to the 2017 production forecasts for beef or poultry. Table egg production is raised for both 2016 and 2017 on improved returns.

Only small changes are made to the beef and pork trade forecasts for 2016 and no change is made to the 2017 forecast. Both beef imports and exports are raised based on May trade data. Pork imports are lowered, but exports are raised. Broiler exports are raised slightly for 2016 and 2017, based on the recent reopening of South Korea to U.S. fresh and frozen poultry meat. No change is made to turkey exports.

Cattle price forecasts for second-half 2016 are unchanged from last month as is the 2017 forecast. Hog prices are raised for both years on current prices and lower expected supplies of hogs in 2017. Broiler prices are unchanged for both 2016 and 2017. Turkey prices are raised for the second-half of 2016, but are unchanged for 2017. Egg prices are raised for 2016 as demand has begun to recover; the forecast for 2017 is unchanged.

The milk production forecast for 2016 is lowered from last month as the pace of cow herd expansion has slowed. However, the production forecast for 2017 is raised as higher forecast milk prices and lower feed costs in late 2016 and early 2017 are expected to lead to higher 2017 cow numbers. Fat basis exports are lowered for 2016 as slowing sales of butterfat products more than offset higher whole milk powder (WMP) exports. The forecast for 2017 is unchanged.

On a skim-solids basis, the export forecasts for 2016 and 2017 are raised on higher WMP sales. For 2016 and 2017, imports are unchanged on a fat basis, but are raised on a skim-solids basis. Fat basis stocks are forecast higher as stocks of butter remain high, but on a skim-solids basis, stocks are reduced.

Cheese, butter, nonfat dry milk, and whey prices for 2016 and 2017 are forecast higher as demand remains robust. Class III and Class IV price forecasts are raised for both 2016 and 2017 as the component product prices forecasts are raised. The all milk prices are forecast higher at \$15.55 to \$15.85 per cwt for 2016 and \$15.70 to \$16.70 per cwt for 2017.

**COTTON:** The U.S. 2016/17 cotton projections show higher production offset by higher exports, with beginning and ending stocks revised down from last month. The 1.0-million-bale increase in the crop projection is attributable mainly to higher planted area as indicated in the June 30 *Acreage* report, combined with slightly more favorable assumptions about abandonment and yield based on current conditions. Domestic mill use is unchanged, but exports are projected sharply higher due to the larger U.S. supply and an expectation of continued tight foreign stocks. The projected range of 52 to 66 cents per pound for the marketing year average price received by producers is raised 5 cents on the lower end and reduced 1 cent on the upper end; the midpoint of 59 cents is raised 2 cents from last month.

A combination of modestly lower production and significantly higher consumption is reducing this month's global cotton stock forecasts for both 2015/16 and 2016/17. The world carryin for 2016/17 is decreased 1.8 million bales owing to a sharp increase of 1.5 million bales in estimated 2015/16 China consumption. Recent strong demand for the government's reserve sales indicates that mills are consuming more cotton than previously estimated. A parallel increase is made in projected China consumption for 2016/17. World 2016/17 production is reduced about 600,000 bales, despite the higher expected U.S. crop, mainly on reduced area expectations for Pakistan and India. Production is also raised for Australia, but is lowered for Greece and Uzbekistan. Smaller foreign crops are raising imports and reducing exports, especially for Pakistan. World 2016/17 ending stocks are now projected at 91.3 million bales, a reduction of 9.0 million from the beginning level.

Approved by the Secretary of Agriculture and the Chairman of the World Agricultural Outlook Board, Seth D. Meyer, (202) 720-6030. This report was prepared by the Interagency Commodity Estimates Committees.

APPROVED BY:



ROBERT C. JOHANSSON  
SECRETARY OF AGRICULTURE DESIGNATE

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## INTERAGENCY COMMODITY ESTIMATES COMMITTEES

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*Note: The World Agricultural Outlook Board reviews and approves the World Agricultural Supply and Demand Estimates (WASDE) report. The Board's analysts chair the Interagency Commodity Estimates Committees (ICECs) that prepare the monthly report.*

**Wheat:** William Chambers, ICEC Chair, WAOB, *E-mail:* [wchambers@oce.usda.gov](mailto:wchambers@oce.usda.gov)  
Jennifer Bond, ERS; Teresa McKeivier, FAS; Mark Simone, FSA.

**Rice:** William Chambers, ICEC Chair, WAOB, *E-mail:* [wchambers@oce.usda.gov](mailto:wchambers@oce.usda.gov)  
Nathan Childs, ERS; Rachel Trego, FAS; Mark Simone, FSA.

**Feed Grains:** Jerry Norton, ICEC Chair, WAOB, *E-mail:* [jnorton@oce.usda.gov](mailto:jnorton@oce.usda.gov)  
Thomas Capehart, ERS; Yoonhee Macke, FAS; Susan Proper, FSA.

**Oilseeds:** Keith Menzie, ICEC Chair, WAOB, *E-mail:* [kmenzie@oce.usda.gov](mailto:kmenzie@oce.usda.gov)  
Mark Ash, ERS; Bill George, FAS; Susan Proper, FSA.

**Cotton:** Carol Skelly, ICEC Chair, WAOB, *E-mail:* [cskelly@oce.usda.gov](mailto:cskelly@oce.usda.gov)  
Darryl Earnest, AMS; Leslie Meyer, ERS; James Johnson, FAS; Sherrie Grimm, FSA.

**Sugar:** Stephen Haley, ICEC Chair, WAOB, *E-mail:* [shaley@oce.usda.gov](mailto:shaley@oce.usda.gov)  
Michael McConnell, ERS; Ron Lord, FAS; Barbara Fecso, FSA.

**Meat Animals:** Shayle Shagam, ICEC Chair, WAOB, *E-mail:* [sshagam@oce.usda.gov](mailto:sshagam@oce.usda.gov)  
Sherry Wise, AMS; Mildred Haley, ERS; Claire Mezoughem, FAS; Dale Leuck, FSA.

**Poultry:** Shayle Shagam, ICEC Chair, WAOB, *E-mail:* [sshagam@oce.usda.gov](mailto:sshagam@oce.usda.gov)  
Larry Haller, AMS; David Harvey, ERS; Joanna Hitchner, FAS; Milton Madison, FSA.

**Dairy:** Shayle Shagam, ICEC Chair, WAOB, *E-mail:* [sshagam@oce.usda.gov](mailto:sshagam@oce.usda.gov)  
Roger Cryan, AMS; Jerry Cessna, ERS; Paul Kiendl, FAS; Milton Madison, FSA.

**In 2016, the WASDE report will be released on Aug. 12, Sep. 12,  
Oct. 12, Nov. 9, Dec. 9.**

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**World and U.S Supply and Use for Grains 1/  
Million Metric Tons**

<b>World</b>		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2014/15	2511.75	3031.83	393.56	2454.61	577.23
	2015/16 (Est.)	2453.35	3030.58	373.02	2436.74	593.84
	2016/17 (Proj.)	2514.55	3107.01	377.89	2502.57	604.44
	Jun	2522.15	3115.98	381.36	2512.88	603.10
Wheat	2014/15	727.85	922.03	164.14	704.63	217.40
	2015/16 (Est.)	734.62	952.02	169.23	707.50	244.52
	2016/17 (Proj.)	730.83	973.83	165.59	716.00	257.84
	Jun	738.51	983.04	168.43	729.34	253.70
Coarse Grains 5/	2014/15	1305.19	1517.29	185.63	1272.01	245.28
	2015/16 (Est.)	1248.10	1493.38	162.50	1250.77	242.62
	2016/17 (Proj.)	1303.00	1545.84	171.77	1306.19	239.65
	Jun	1302.40	1545.02	172.40	1302.92	242.10
Rice, milled	2014/15	478.70	592.51	43.78	477.97	114.54
	2015/16 (Est.)	470.64	585.18	41.29	478.48	106.70
	2016/17 (Proj.)	480.72	587.34	40.53	480.39	106.95
	Jul	481.23	587.93	40.53	480.63	107.30
<b>United States</b>						
Total Grains 4/	2014/15	439.49	499.16	83.13	347.06	68.98
	2015/16 (Est.)	428.85	505.47	81.33	348.73	75.42
	2016/17 (Proj.)	446.12	529.49	83.53	360.86	85.10
	Jun	454.72	537.51	86.85	361.98	88.68
Wheat	2014/15	55.15	75.28	23.25	31.55	20.48
	2015/16 (Est.)	55.84	79.44	21.14	31.59	26.71
	2016/17 (Proj.)	56.53	86.60	24.49	33.53	28.58
	Jul	61.53	91.51	25.17	36.25	30.08
Coarse Grains 5/	2014/15	377.23	414.96	56.67	311.35	46.95
	2015/16 (Est.)	366.90	417.62	56.91	313.29	47.41
	2016/17 (Proj.)	382.26	433.43	55.48	323.04	54.90
	Jul	385.40	436.16	58.02	321.35	56.79
Rice, milled	2014/15	7.11	8.91	3.21	4.16	1.55
	2015/16 (Est.)	6.11	8.42	3.27	3.85	1.30
	2016/17 (Proj.)	7.34	9.46	3.56	4.29	1.62
	Jul	7.78	9.84	3.65	4.38	1.81

1/ Aggregate of local marketing years. 2/ Based on export estimate. See individual commodity tables for treatment of export/import imbalances. 3/ Total use for the United States is equal to domestic consumption only (excludes exports). 4/ Wheat, coarse grains, and milled rice. 5/ Corn, sorghum, barley, oats, rye, millet, and mixed grains (for U.S. excludes millet and mixed grains).



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**World and U.S. Supply and Use for Grains, Continued 1/  
Million Metric Tons**

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks	
Total Grains 4/	2014/15	2,072.26	2,532.68	310.43	2,107.55	508.25	
	2015/16 (Est.)	2,024.50	2,525.11	291.70	2,088.01	518.42	
	2016/17 (Proj.)	Jun	2,068.43	2,577.52	294.36	2,141.71	519.34
		Jul	2,067.43	2,578.48	294.51	2,150.90	514.42
Wheat	2014/15	672.70	846.75	140.90	673.07	196.92	
	2015/16 (Est.)	678.78	872.58	148.09	675.91	217.82	
	2016/17 (Proj.)	Jun	674.30	887.23	141.10	682.47	229.26
		Jul	676.98	891.53	143.25	693.08	223.62
Coarse Grains 5/	2014/15	927.96	1,102.33	128.96	960.66	198.34	
	2015/16 (Est.)	881.20	1,075.77	105.59	937.48	195.20	
	2016/17 (Proj.)	Jun	920.75	1,112.41	116.29	983.14	184.75
		Jul	917.00	1,108.85	114.38	981.57	185.30
Rice, milled	2014/15	471.60	583.60	40.58	473.81	112.99	
	2015/16 (Est.)	464.53	576.76	38.02	474.63	105.40	
	2016/17 (Proj.)	Jun	473.38	577.88	36.97	476.11	105.33
		Jul	473.45	578.09	36.88	476.25	105.50

1/ Aggregate of local marketing years. 2/ Based on export estimate. See individual commodity tables for treatment of export/import imbalances. 3/ Total foreign is equal to world minus United States. 4/ Wheat, coarse grains, and milled rice. 5/ Corn, sorghum, barley, oats, rye, millet, and mixed grains.

**World and U.S. Supply and Use for Cotton 1/  
Million 480-lb. Bales**

		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks	
World	2014/15	119.08	222.32	35.36	110.12	112.46	
	2015/16 (Est.)	97.92	210.38	34.31	110.20	100.27	
	2016/17 (Proj.)	Jun	103.17	205.24	33.33	110.59	94.73
		Jul	102.55	202.82	34.36	111.60	91.29
United States	2014/15	16.32	18.68	11.25	3.58	3.70	
	2015/16 (Est.)	12.89	16.62	9.20	3.55	3.90	
	2016/17 (Proj.)	Jun	14.80	18.91	10.50	3.60	4.80
		Jul	15.80	19.71	11.50	3.60	4.60
Foreign 4/	2014/15	102.76	203.63	24.12	106.54	108.76	
	2015/16 (Est.)	85.03	193.76	25.11	106.65	96.37	
	2016/17 (Proj.)	Jun	88.37	186.33	22.83	106.99	89.93
		Jul	86.75	183.11	22.86	108.00	86.69

1/ Marketing year beginning August 1. 2/ Based on export estimate. 3/ Includes mill use only. 4/ Total Foreign is equal to world minus United States. See global cotton tables for treatment of export/import imbalances.

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**World and U.S. Supply and Use for Oilseeds 1/  
(Million Metric Tons)**

<b>World</b>		Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2014/15	536.84	614.50	147.01	439.49	92.97
	2015/16 (Est.)	518.31	611.28	151.68	450.16	82.61
	2016/17 (Proj.)	533.87	616.80	155.51	461.61	75.11
	Jun Jul	536.44	619.05	156.56	462.34	76.06
Oilmeals	2014/15	299.58	313.59	85.44	294.90	15.21
	2015/16 (Est.)	309.09	324.30	89.93	306.23	14.88
	2016/17 (Proj.)	317.44	331.86	92.71	316.58	13.03
	Jun Jul	318.00	332.87	93.24	316.25	13.93
Vegetable Oils	2014/15	177.21	200.10	76.63	171.99	22.35
	2015/16 (Est.)	179.32	201.66	77.37	178.82	19.73
	2016/17 (Proj.)	185.92	204.07	78.74	183.70	17.03
	Jun Jul	186.17	205.90	78.87	184.21	18.34
<b>United States</b>						
Oilseeds	2014/15	116.03	121.82	51.14	55.11	6.76
	2015/16 (Est.)	116.05	123.95	49.83	55.20	11.39
	2016/17 (Proj.)	112.92	126.16	52.75	56.26	8.95
	Jun Jul	115.38	128.04	53.29	56.57	9.86
Oilmeals	2014/15	43.27	47.42	12.18	34.95	0.29
	2015/16 (Est.)	42.71	47.12	10.93	35.86	0.34
	2016/17 (Proj.)	43.68	48.32	11.20	36.78	0.34
	Jun Jul	43.87	48.50	11.38	36.79	0.34
Vegetable Oils	2014/15	10.94	16.13	1.17	13.75	1.21
	2015/16 (Est.)	11.17	16.84	1.26	14.12	1.46
	2016/17 (Proj.)	11.30	17.18	1.35	14.55	1.29
	Jun Jul	11.36	17.25	1.35	14.67	1.23
<b>Foreign 3/</b>						
Oilseeds	2014/15	420.81	492.68	95.88	384.38	86.22
	2015/16 (Est.)	402.26	487.33	101.85	394.97	71.22
	2016/17 (Proj.)	420.95	490.64	102.76	405.34	66.16
	Jun Jul	421.06	491.01	103.27	405.78	66.20
Oilmeals	2014/15	256.31	266.16	73.26	259.95	14.92
	2015/16 (Est.)	266.38	277.18	79.00	270.37	14.54
	2016/17 (Proj.)	273.76	283.55	81.51	279.80	12.70
	Jun Jul	274.13	284.37	81.86	279.46	13.60
Vegetable Oils	2014/15	166.27	183.97	75.45	158.24	21.14
	2015/16 (Est.)	168.15	184.83	76.11	164.70	18.27
	2016/17 (Proj.)	174.63	186.89	77.40	169.15	15.74
	Jun Jul	174.81	188.65	77.52	169.53	17.11

1/ Aggregate of local marketing years with Brazil and Argentina on an Oct.-Sept. year. 2/ Crush only for oilseeds. 3/ Total Foreign is equal to World minus United States.

## WASDE - 555 - 11

## U.S. Wheat Supply and Use 1/

	2014/15	2015/16 Est.	2016/17 Proj. Jun	2016/17 Proj. Jul
			<i>Million Acres</i>	
Area Planted	56.8	54.6	49.6 *	50.8
Area Harvested	46.4	47.1	42.8 *	44.1
			<i>Bushels</i>	
Yield per Harvested Acre	43.7	43.6	48.6 *	51.3
			<i>Million Bushels</i>	
Beginning Stocks	590	752	980	981
Production	2,026	2,052	2,077	2,261
Imports	149	115	125	120
Supply, Total	2,766	2,919	3,182	3,362
Food	958	960	963	963
Seed	79	68	69	69
Feed and Residual	122	132	200	300
Domestic, Total	1,159	1,161	1,232	1,332
Exports	854	777	900	925
Use, Total	2,014	1,937	2,132	2,257
Ending Stocks	752	981	1,050	1,105
Avg. Farm Price (\$/bu) 2/	5.99	4.89	3.60 - 4.40	3.40 - 4.20

## U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
				<i>Million</i>		<i>Bushels</i>	
2015/16 (Est.)	Beginning Stocks	294	212	154	67	26	752
	Production	827	564	359	219	82	2,052
	Supply, Total 3/	1,127	826	531	292	142	2,919
	Domestic Use	455	295	255	72	84	1,161
	Exports	227	253	120	147	30	777
	Use, Total	681	548	375	219	114	1,937
	Ending Stocks, Total	446	278	157	74	28	981
2016/17 (Proj.)	Beginning Stocks	446	278	157	74	28	981
	Production	1,034	511	370	263	83	2,261
	Supply, Total 3/	1,485	834	552	346	146	3,362
	Domestic Use	582	295	275	102	78	1,332
	Exports	325	285	125	155	35	925
	Use, Total	907	580	400	257	113	2,257
	Ending Stocks, Total	578	254	152	89	33	1,105
	Jul	578	254	152	89	33	1,105
	Jun	NA	NA	NA	NA	NA	NA

Note: Totals may not add due to rounding. 1/ Marketing year beginning June 1. 2/ Marketing-year weighted average price received by farmers. 3/ Includes imports. \* For June, planted acres reported in the March 31, 2016, "Prospective Plantings." Winter wheat area harvested and yield reported in the June 10, 2016, "Crop Production." Area harvested and yield for other spring wheat and durum projected using 10-year harvested-to-planted ratios by state and 1985-2015 yield trends by state (except for Arizona, California, and Idaho durum). For July, area planted, area harvested, yield, and production as reported in the July 10, 2016, "Crop Production."

## WASDE - 555 - 12

## U.S. Feed Grain and Corn Supply and Use 1/

	2014/15	2015/16 Est.	2016/17 Proj. Jun	2016/17 Proj. Jul
<b>FEED GRAINS</b>				
			<i>Million Acres</i>	
Area Planted	103.5	103.1	106.7 *	107.4 *
Area Harvested	93.1	93.0	95.9 *	96.7 *
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.05	3.94	3.98	3.98
			<i>Million Metric Tons</i>	
Beginning Stocks	34.3	46.9	47.8	47.4
Production	377.1	366.6	382.1	385.1
Imports	3.2	3.5	3.1	3.1
Supply, Total	414.5	417.1	433.0	435.6
Feed and Residual	139.3	137.5	146.2	144.9
Food, Seed & Industrial	171.6	175.3	176.4	175.9
Domestic, Total	310.9	312.8	322.6	320.8
Exports	56.7	56.9	55.5	58.0
Use, Total	367.6	369.7	378.1	378.8
Ending Stocks	46.9	47.4	54.9	56.8
<b>CORN</b>				
			<i>Million Acres</i>	
Area Planted	90.6	88.0	93.6 *	94.1 *
Area Harvested	83.1	80.7	85.9 *	86.6 *
			<i>Bushels</i>	
Yield per Harvested Acre	171.0	168.4	168.0 *	168.0 *
			<i>Million Bushels</i>	
Beginning Stocks	1,232	1,731	1,708	1,701
Production	14,216	13,601	14,430	14,540
Imports	32	60	40	40
Supply, Total	15,479	15,392	16,178	16,281
Feed and Residual	5,316	5,200	5,550	5,500
Food, Seed & Industrial 2/	6,567	6,592	6,670	6,650
Ethanol & by-products 3/	5,200	5,225	5,300	5,275
Domestic, Total	11,883	11,792	12,220	12,150
Exports	1,864	1,900	1,950	2,050
Use, Total	13,748	13,692	14,170	14,200
Ending Stocks	1,731	1,701	2,008	2,081
Avg. Farm Price (\$/bu) 4/	3.70	3.60 - 3.70	3.20 - 3.80	3.10 - 3.70

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at [www.ers.usda.gov/data-products/feed-grains-database.aspx](http://www.ers.usda.gov/data-products/feed-grains-database.aspx). 3/ Corn processed in ethanol plants to produce ethanol and by-products including distillers' grains, corn gluten feed, corn gluten meal, and corn oil. 4/ Marketing-year weighted average price received by farmers. \*For June, planted acres reported in the March 31, 2016, "Prospective Plantings." For corn, harvested acres projected based on historical abandonment and use for silage. For July, corn planted and harvested area as reported in the June 30, 2016, "Acreage." Projected yield based on a weather adjusted trend model that assumes normal mid-May planting progress and summer weather. The trend yield is not adjusted for planting pace as yield is largely determined by July weather. (For an explanation of the yield trend model see Westcott and Jewison, Weather Effects on Expected Corn and Soybean Yields, USDA-ERS, Feed Outlook No. (FDS-13G-01), July 2013, [www.ers.usda.gov/publications/fds-feed-outlook/fds-13g-01.aspx](http://www.ers.usda.gov/publications/fds-feed-outlook/fds-13g-01.aspx).)

## WASDE - 555 - 13

## U.S. Sorghum, Barley, and Oats Supply and Use 1/

SORGHUM	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Jun	Jul
	<i>Million Bushels</i>			
Area Planted (mil. acres)	7.1	8.5	7.2 *	7.2 *
Area Harvested (mil. acres)	6.4	7.9	6.3 *	6.5 *
Yield (bushels/acre)	67.6	76.0	65.0 *	65.1 *
Beginning Stocks	34	18	55	45
Production	433	597	407	420
Imports	0	5	1	1
Supply, Total	467	620	463	466
Feed and Residual	81	110	100	100
Food, Seed & Industrial	15	135	100	100
Total Domestic	96	245	200	200
Exports	353	330	220	220
Use, Total	449	575	420	420
Ending Stocks	18	45	43	46
Avg. Farm Price (\$/bu) 2/	4.03	3.25 - 3.35	2.95 - 3.55	2.85 - 3.45
<b>BARLEY</b>				
Area Planted (mil. acres)	3.0	3.6	3.1 *	3.0 *
Area Harvested (mil. acres)	2.5	3.1	2.7 *	2.6 *
Yield (bushels/acre)	72.7	68.9	71.0 *	70.9 *
Beginning Stocks	82	79	99	102
Production	182	214	193	183
Imports	24	19	20	20
Supply, Total	287	311	312	305
Feed and Residual	43	46	50	50
Food, Seed & Industrial	151	153	153	153
Total Domestic	194	198	203	203
Exports	14	11	15	15
Use, Total	209	209	218	218
Ending Stocks	79	102	94	87
Avg. Farm Price (\$/bu) 2/	5.30	5.52	4.40 - 5.20	4.30 - 5.10
<b>OATS</b>				
Area Planted (mil. acres)	2.8	3.1	2.8 *	3.0 *
Area Harvested (mil. acres)	1.0	1.3	1.0 *	1.2 *
Yield (bushels/acre)	67.9	70.2	66.0 *	65.8 *
Beginning Stocks	25	54	58	57
Production	70	90	68	77
Imports	107	86	95	95
Supply, Total	202	230	221	228
Feed and Residual	70	94	90	90
Food, Seed & Industrial	77	77	78	78
Total Domestic	147	171	168	168
Exports	2	2	2	2
Use, Total	149	173	170	170
Ending Stocks	54	57	51	58
Avg. Farm Price (\$/bu) 2/	3.21	2.12	1.80 - 2.20	1.75 - 2.15

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers. \*For June--Planted acres reported in the March 31, 2016, "Prospective Plantings." Harvested area - For sorghum, harvested acres are based on the average harvested-to-planted ratio for 2010-2015, excluding the 2011 low. For barley and oats, harvested acres are based on the 5-year average harvested-to-planted ratios, 2011-2015. Yield - For sorghum the projected yield is based on the average for 1990-2015 excluding years that are more than 1 standard deviation from the mean for the period. For barley and oats, projected yields are based on the 1990-2015 trends. Yields shown reflect production rounding. For July--Sorghum planted and harvested area as reported in the June 30, 2016, "Acreage." Sorghum yield is based on the average for 1990-2015 excluding years that are more than 1 standard deviation from the mean. Barley and oats area planted, area harvested, yield, and production as reported in the July 12, 2016, "Crop Production."

## WASDE - 555 - 14

**U.S. Rice Supply and Use 1/  
(Rough Equivalent of Rough and Milled Rice)**

TOTAL RICE	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.	
			Jun	Jul	
		<i>Million Acres</i>			
Area Planted	2.95	2.61	3.06 *	3.21 *	
Area Harvested	2.93	2.58	3.03 *	3.19 *	
		<i>Pounds</i>			
Yield per Harvested Acre	7,576	7,470	7,618 *	7,680 *	
		<i>Million Hundredweight</i>			
Beginning Stocks 2/	31.8	48.5	42.9	40.9	
Production	222.2	192.3	231.0	245.0	
Imports	24.7	24.0	24.0	24.0	
Supply, Total	278.7	264.9	297.9	309.9	
Domestic & Residual 3/	129.9	121.0	135.0	138.0	
Exports, Total 4/	100.3	103.0	112.0	115.0	
Rough	34.0	34.5	35.0	37.0	
Milled (rough equiv.)	66.3	68.5	77.0	78.0	
Use, Total	230.2	224.0	247.0	253.0	
Ending Stocks	48.5	40.9	50.9	56.9	
Avg. Milling Yield (%) 5/	70.50	70.00	70.00	70.00	
Avg. Farm Price (\$/cwt) 6/	13.40	12.30	11.60 - 12.60	11.20 - 12.20	

**LONG-GRAIN RICE**

Harvested Acres (mil.)	2.20	1.84		
Yield (pounds/acre)	7,407	7,218		
Beginning Stocks	16.2	26.5	23.0	21.0
Production	162.7	133.0	181.0	183.0
Supply, Total 7/	200.0	180.0	224.5	224.5
Domestic & Residual 3/	102.7	88.0	105.0	105.0
Exports 8/	70.8	71.0	81.0	81.0
Use, Total	173.5	159.0	186.0	186.0
Ending Stocks	26.5	21.0	38.5	38.5
Avg. Farm Price (\$/cwt) 6/	11.90	11.00	10.00 - 11.00	10.00 - 11.00

**MEDIUM & SHORT-GRAIN RICE**

Harvested Acres (mil.)	0.74	0.73		
Yield (pounds/acre)	8,080	8,103		
Beginning Stocks	13.3	20.2	18.0	18.0
Production	59.6	59.3	50.0	62.0
Supply, Total 7/	76.8	83.0	71.5	83.5
Domestic & Residual 3/	27.1	33.0	30.0	33.0
Exports 8/	29.5	32.0	31.0	34.0
Use, Total	56.7	65.0	61.0	67.0
Ending Stocks	20.2	18.0	10.5	16.5
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.30	15.40	15.40 - 16.40	14.00 - 15.00
California 10/	21.60	18.20	17.50 - 18.50	15.50 - 16.50
Other States 1/	14.40	11.30	10.50 - 11.50	10.50 - 11.50

Note: Totals may not add due to rounding. 1/ Marketing year beginning August 1. 2/ Includes the following quantities of broken kernel rice (type undetermined) not included in estimates of beginning stocks by type (in mil. cwt): 2014/15-2.3; 2015/16-1.9; 2016/17-1.9. 3/ Residual includes unreported use, processing losses, and estimating errors. Use by type may not add to total rice use because of the difference in brokens between beginning and ending stocks. 4/ Includes rough rice and milled rice exports. Milled rice exports are converted to an equivalent rough basis. 5/ Expressed as a percent, i.e., the total quantity of whole kernel and broken rice produced divided by the quantity of rough rice milled. The 2014/15 and 2015/16 milling yield is based on the Farm Service Agency (FSA) warehouse stored loan data for long, medium, and short grain rice. The 2016/17 milling yield is calculated using the previous five-year Olympic average-- 2011/12-2015/16. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The medium/short-grain season-average- farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ. For example, the average difference between the August WASDE SAFP forecast and the final price has averaged \$1.65 per cwt from 2008/09-2013/14, with a high of \$3.50 per cwt in 2008/09 and a low of \$0.60 per cwt in 2009/10. 10/ Marketing year beginning October 1. \* For June-- Planted acres reported in March 31, 2016 "Prospective Plantings". Harvested acres are estimated using the average harvested-to-planted ratios by rice class, 2011-2015. For July-- Planted and harvested area reported in June 30, 2016 "Acreage" report. For June and July: projected yield is based on linear trend analysis by rice class for the period 1990/91 to 2015/16.

## WASDE - 555 - 15

## U.S. Soybeans and Products Supply and Use (Domestic Measure) 1/

SOYBEANS	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Jun	Jul
			<i>Million Acres</i>	
Area Planted	83.3	82.7	82.2 *	83.7 **
Area Harvested	82.6	81.8	81.4 *	83.0 **
			<i>Bushels</i>	
Yield per Harvested Acre	47.5	48.0	46.7 *	46.7 **
			<i>Million Bushels</i>	
Beginning Stocks	92	191	370	350
Production	3,927	3,929	3,800	3,880
Imports	33	25	30	30
Supply, Total	4,052	4,145	4,200	4,260
Crushings	1,873	1,890	1,915	1,925
Exports	1,843	1,795	1,900	1,920
Seed	96	97	95	95
Residual	49	12	30	30
Use, Total	3,862	3,794	3,940	3,970
Ending Stocks	191	350	260	290
Avg. Farm Price (\$/bu) 2/	10.10	9.05	8.75 - 10.25	8.75 - 10.25

## SOYBEAN OIL

SOYBEAN OIL	<i>Million Pounds</i>			
	Beginning Stocks	1,165	1,855	2,375
Production 4/	21,399	22,020	22,120	22,235
Imports	264	300	250	250
Supply, Total	22,828	24,175	24,745	24,760
Domestic Disappearance	18,959	19,600	20,300	20,450
Biodiesel 3/	5,037	5,350	5,800	5,950
Food, Feed & other Industrial	13,923	14,250	14,500	14,500
Exports	2,014	2,300	2,400	2,400
Use, Total	20,973	21,900	22,700	22,850
Ending stocks	1,855	2,275	2,045	1,910
Avg. Price (c/lb) 2/	31.60	29.50	30.50 - 33.50	29.50 - 32.50

## SOYBEAN MEAL

SOYBEAN MEAL	<i>Thousand Short Tons</i>			
	Beginning Stocks	250	260	300
Production 4/	45,062	44,615	45,475	45,675
Imports	333	425	325	325
Supply, Total	45,645	45,300	46,100	46,300
Domestic Disappearance	32,235	33,300	33,800	33,800
Exports	13,150	11,700	12,000	12,200
Use, Total	45,384	45,000	45,800	46,000
Ending Stocks	260	300	300	300
Avg. Price (\$/s.t.) 2/	368.49	340.00	320.00 - 360.00	325.00 - 365.00

Note: Totals may not add due to rounding. Reliability calculations at end of report. 1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and soybean meal. 2/ Prices: soybeans, marketing year weighted average price received by farmers; oil, simple average of crude soybean oil, Decatur; meal, simple average of 48 percent protein, Decatur. 3/ Reflects only biodiesel made from methyl ester as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 1,890 million bushels for 2015/16 and 1,925 million bushels for 2016/17. \*Planted acres are reported in the March 31, 2016 *Prospective Plantings*. Harvested acres are based on the 5-year harvested-to-planted ratio. The projected yield is based on a weather-adjusted trend model and assumes normal weather. \*\*Planted and harvested acres are from the June 30, 2016 *Acres* report. The projected yield is based on a weather-adjusted trend model.

## U.S. Sugar Supply and Use 1/

	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Jun	Jul
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,810	1,815	1,939	1,886
Production 2/	8,656	8,925	8,710	8,961
Beet Sugar	4,893	5,049	5,090	5,192
Cane Sugar	3,763	3,877	3,620	3,769
Florida	1,981	2,173	1,970	1,990
Hawaii	146	165	40	40
Louisiana	1,513	1,423	1,495	1,604
Texas	123	116	115	135
Imports	3,553	3,375	3,476	3,068
TRQ 3/	1,536	1,701	1,528	1,507
Other Program 4/	471	300	175	175
Other 5/	1,546	1,374	1,773	1,386
Mexico	1,532	1,359	1,758	1,371
Total Supply	14,019	14,116	14,124	13,914
Exports	185	75	25	25
Deliveries	12,019	12,155	12,235	12,235
Food 6/	11,888	12,000	12,080	12,080
Other 7/	131	155	155	155
Miscellaneous	0	0	0	0
Total Use	12,204	12,230	12,260	12,260
Ending Stocks	1,815	1,886	1,864	1,654
Stocks to Use Ratio	14.9	15.4	15.2	13.5

1/ Fiscal years beginning Oct 1. Historical data are from FSA "Sweetener Market Data" (SMD). 2/ Production projections for 2015/16 and 2016/17 are based on Crop Production and processor projections where appropriate. 3/ For 2016/17, WTO raw sugar TRQ shortfall (99). For 2015/16, WTO raw sugar TRQ shortfall (75). 4/ Includes sugar under the re-export and polyhydric alcohol programs. 5/ For 2014/15, other high-tier (15) and other (0). For 2015/16, other high-tier (15) and other (0). For 2016/17, other high-tier (15) and other (0). 6/ Combines SMD deliveries for domestic human food use and SMD miscellaneous uses. 7/ Transfers to sugar-containing products for reexport, and for nonedible alcohol, feed, and ethanol.

## Mexico Sugar Supply and Use and High Fructose Corn Syrup Imports 1/

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks
		<i>1,000 Metric Tons, Actual Weight</i>					
<b>Sugar</b>	2015/16 Est.						
	Jun	811	6,184	70	4,586	1,213	1,266
	Jul	811	6,119	70	4,685	1,213	1,101
2016/17 Proj.	Jun	1,266	6,100	10	4,652	1,515	1,209
	Jul	1,101	6,100	10	4,753	1,183	1,275

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): Oct-Sep 2014/15 = 1,444; Oct-May 2014/15 = 933, Oct-May 2015/16 = 937. Footnote source: Comité Nacional para el Desarrollo Sustentable de la Cana de Azúcar. 2/ Includes domestic consumption, Mexico's products export program (IMMEX), and any residual statistical discrepancies. IMMEX: 2015/16 (255 est), 2016/17 (255 proj). Statistical Adjustment: 2014/15 (-54), 2015/16 (0), 2016/17 (0).



## WASDE - 555 - 17

## U.S. Cotton Supply and Use 1/

	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Jun	Jul
Area				
			<i>Million Acres</i>	
Planted	11.04	8.58	9.56 *	10.02 **
Harvested	9.35	8.07	8.80 *	9.30 **
			<i>Pounds</i>	
Yield per Harvested Acre	838	766	807 *	815 **
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	2.35	3.70	4.10	3.90
Production	16.32	12.89	14.80	15.80
Imports	0.01	0.04	0.01	0.01
Supply, Total	18.68	16.62	18.91	19.71
Domestic Use	3.58	3.55	3.60	3.60
Exports, Total	11.25	9.20	10.50	11.50
Use, Total	14.82	12.75	14.10	15.10
Unaccounted 2/	0.16	-0.03	0.01	0.01
Ending Stocks	3.70	3.90	4.80	4.60
Avg. Farm Price 3/	61.3	58.0	47.00 - 67.00	52.00 - 66.00

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton. \*Planted area as reported in March 31, 2016 Prospective Plantings. Harvested area based on 10-year average abandonment by region, with the Southwest adjusted to 12 percent to reflect favorable moisture conditions. Yield per harvested acre based on 3-year average yields by region. \*\*Planted area as reported in the June 30 Acreage report. Harvested area based on 10-year average abandonment by region, with the Southwest adjusted to 10 percent to reflect favorable moisture conditions. Yield per harvested acre based on 3-year average yields by region, with the Southwest yield raised slightly to reflect favorable moisture conditions.

## WASDE - 555 - 18

World Wheat Supply and Use 1/  
(Million Metric Tons)

2014/15	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	194.18	727.85	158.84	130.86	704.63	164.14	217.40
United States	16.07	55.15	4.07	3.33	31.55	23.25	20.48
Total Foreign	178.11	672.70	154.77	127.53	673.08	140.90	196.92
Major Exporters 4/	27.39	224.16	6.66	61.85	146.13	81.47	30.61
Argentina	2.49	14.00	0.04	0.30	6.35	5.30	4.87
Australia	4.56	23.91	0.16	3.80	7.20	16.59	4.84
Canada	10.41	29.42	0.49	3.75	9.08	24.16	7.08
European Union 5/	9.94	156.83	5.98	54.00	123.50	35.42	13.82
Major Importers 6/	100.19	197.40	84.75	29.88	262.21	7.64	112.49
Brazil	1.89	6.00	5.37	0.30	10.70	1.69	0.87
China	65.27	126.21	1.93	16.00	116.50	0.80	76.11
Sel. Mideast 7/	12.13	17.66	21.26	4.45	36.10	1.52	13.44
N. Africa 8/	13.80	17.01	25.23	2.48	42.65	0.61	12.78
Pakistan	2.19	25.98	0.75	1.00	24.50	0.70	3.72
Southeast Asia 9/	3.43	0.00	19.85	4.76	18.52	0.95	3.82
Selected Other							
India	17.83	95.85	0.05	4.50	93.12	3.41	17.20
FSU-12	15.73	112.74	7.68	24.65	75.86	40.20	20.08
Russia	5.18	59.08	0.33	13.00	35.50	22.80	6.29
Kazakhstan	1.99	13.00	0.60	2.00	6.80	5.54	3.25
Ukraine	3.67	24.75	0.03	4.00	12.00	11.27	5.18
<b>2015/16 Est.</b>							
World 3/	217.40	734.62	167.18	134.34	707.50	169.23	244.52
United States	20.48	55.84	3.12	3.60	31.59	21.14	26.71
Total Foreign	196.92	678.78	164.06	130.74	675.91	148.09	217.82
Major Exporters 4/	30.61	223.41	7.34	66.30	150.78	80.20	30.38
Argentina	4.87	11.30	0.01	0.10	6.15	8.80	1.23
Australia	4.84	24.50	0.15	3.80	7.23	16.40	5.86
Canada	7.08	27.60	0.49	3.40	8.60	22.00	4.56
European Union 5/	13.82	160.01	6.70	59.00	128.80	33.00	18.73
Major Importers 6/	112.49	204.28	89.76	26.56	261.94	6.29	138.31
Brazil	0.87	5.54	6.00	0.50	10.20	1.10	1.11
China	76.11	130.19	3.30	10.50	112.00	0.80	96.80
Sel. Mideast 7/	13.44	18.80	18.91	4.60	37.14	0.54	13.47
N. Africa 8/	12.78	19.91	27.60	2.28	43.53	0.70	16.07
Pakistan	3.72	25.10	0.03	0.80	24.40	0.60	3.85
Southeast Asia 9/	3.82	0.00	23.53	6.99	21.28	0.98	5.09
Selected Other							
India	17.20	86.53	0.47	4.20	88.64	1.06	14.50
FSU-12	20.08	117.72	7.56	25.75	77.93	50.38	17.05
Russia	6.29	61.04	0.80	14.00	37.00	25.00	6.13
Kazakhstan	3.25	13.75	0.08	2.10	6.90	7.50	2.67
Ukraine	5.18	27.27	0.05	4.50	12.50	17.00	3.00

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Canada, and the European Union. 5/ Trade excludes intra-trade. 6/ Brazil, China, Japan, Mexico, N. Africa, Pakistan, selected Middle East, and Southeast Asia. 7/ Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 8/ Algeria, Egypt, Libya, Morocco, and Tunisia. 9/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 555 - 19

**World Wheat Supply and Use 1/ (Cont'd.)**  
**(Million Metric Tons)**

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jun	243.01	730.83	162.02	133.48	716.00	165.59	257.84
	Jul	244.52	738.51	164.20	144.42	729.34	168.43	253.70
United States	Jun	26.67	56.53	3.40	5.44	33.53	24.49	28.58
	Jul	26.71	61.53	3.27	8.17	36.25	25.17	30.08
Total Foreign	Jun	216.34	674.30	158.62	128.04	682.47	141.10	229.26
	Jul	217.82	676.98	160.93	136.25	693.09	143.25	223.62
Major Exporters 4/	Jun	28.55	225.50	6.14	65.20	150.36	81.00	28.83
	Jul	30.38	226.00	6.14	66.70	151.86	81.00	29.66
Argentina	Jun	1.03	14.50	0.01	0.10	6.30	8.50	0.73
	Jul	1.23	15.00	0.01	0.10	6.30	9.00	0.93
Australia	Jun	4.93	25.00	0.15	4.00	7.46	17.00	5.62
	Jul	5.86	25.50	0.15	4.00	7.46	17.50	6.55
Canada	Jun	3.86	28.50	0.49	3.60	8.80	20.00	4.05
	Jul	4.56	29.00	0.49	3.60	8.80	20.50	4.75
European Union 5/	Jun	18.73	157.50	5.50	57.50	127.80	35.50	18.43
	Jul	18.73	156.50	5.50	59.00	129.30	34.00	17.43
Major Importers 6/	Jun	137.12	199.51	85.93	24.29	261.69	6.48	154.39
	Jul	138.31	199.01	86.43	30.29	268.69	6.41	148.65
Brazil	Jun	1.01	5.30	6.00	0.30	10.10	1.00	1.21
	Jul	1.11	5.30	6.00	0.30	10.10	1.00	1.31
China	Jun	96.30	130.00	3.20	9.50	110.50	1.00	118.00
	Jul	96.80	130.00	3.50	15.00	117.00	0.80	112.50
Sel. Mideast 7/	Jun	13.56	19.41	16.88	4.60	38.02	0.54	11.29
	Jul	13.47	19.41	16.98	4.60	38.02	0.54	11.31
N. Africa 8/	Jun	15.97	14.70	27.90	1.78	44.00	0.84	13.73
	Jul	16.07	14.20	27.90	1.78	44.00	0.84	13.33
Pakistan	Jun	3.85	25.30	0.03	0.80	24.50	0.70	3.97
	Jul	3.85	25.30	0.03	0.80	24.50	0.70	3.97
Southeast Asia 9/	Jun	4.71	0.00	21.83	6.42	21.10	0.93	4.51
	Jul	5.09	0.00	22.03	6.82	21.50	0.96	4.66
Selected Other								
India	Jun	14.50	88.00	2.00	4.50	93.10	0.40	11.00
	Jul	14.50	88.00	2.00	4.50	93.10	0.40	11.00
FSU-12	Jun	18.76	116.83	7.47	26.33	78.97	44.13	19.97
	Jul	17.05	118.93	7.27	26.30	78.79	45.63	18.83
Russia	Jun	6.63	64.00	0.50	14.50	37.50	25.00	8.63
	Jul	6.13	65.00	0.50	14.50	37.50	25.50	8.63
Kazakhstan	Jun	2.67	13.00	0.06	2.10	6.90	7.00	1.83
	Jul	2.67	13.00	0.06	2.10	6.90	7.00	1.83
Ukraine	Jun	4.20	24.00	0.05	4.50	12.50	11.50	4.25
	Jul	3.00	25.00	0.05	4.50	12.50	12.50	3.05

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Canada, and the European Union. 5/ Trade excludes intra-trade. 6/ Brazil, China, Japan, Mexico, N. Africa, Pakistan, selected Middle East, and Southeast Asia. 7/ Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 8/ Algeria, Egypt, Libya, Morocco, and Tunisia. 9/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 555 - 20

**World Coarse Grain Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	212.10	1,305.19	169.89	752.77	1,272.01	185.63	245.28
United States	34.31	377.23	3.42	139.50	311.35	56.67	46.95
Total Foreign	177.79	927.96	166.48	613.28	960.66	128.96	198.34
Major Exporters 4/	25.53	169.11	4.74	82.69	112.93	67.50	18.94
Argentina	3.17	35.73	0.00	9.07	14.23	21.39	3.29
Australia	1.03	12.61	0.00	3.36	5.04	7.17	1.43
Brazil	14.26	87.67	0.82	50.25	60.02	34.51	8.21
Canada	4.65	21.99	1.71	13.81	21.29	3.72	3.34
Major Importers 5/	44.41	257.87	109.70	264.47	346.40	15.95	49.63
European Union 6/	15.57	170.76	8.97	121.33	162.50	13.99	18.81
Japan	1.74	0.17	16.73	12.94	16.93	0.00	1.71
Mexico	3.49	32.69	11.55	24.40	42.08	0.79	4.86
N. Afr & Mideast 7/	13.46	26.73	34.17	51.63	59.55	0.09	14.71
Saudi Arabia	3.91	0.36	11.26	11.55	12.03	0.00	3.50
Southeast Asia 8/	3.97	26.86	12.82	30.69	38.70	1.07	3.90
South Korea	1.87	0.24	10.25	8.08	10.47	0.00	1.89
Selected Other							
China	82.65	222.75	25.70	158.80	229.06	0.02	102.02
FSU-12	7.03	91.60	0.82	42.11	58.15	33.87	7.44
Russia	1.77	40.39	0.09	20.88	31.14	8.67	2.43
Ukraine	3.64	39.39	0.03	11.82	15.43	24.33	3.29
<b>2015/16 Est.</b>							
World 3/	245.28	1,248.10	174.82	762.66	1,250.77	162.50	242.62
United States	46.95	366.90	3.77	137.74	313.29	56.91	47.41
Total Foreign	198.34	881.20	171.05	624.92	937.48	105.59	195.20
Major Exporters 4/	18.94	154.09	6.79	81.90	111.64	52.94	15.25
Argentina	3.29	36.91	0.01	9.27	14.43	22.71	3.06
Australia	1.43	12.44	0.00	3.81	5.49	6.88	1.50
Brazil	8.21	72.06	1.90	48.74	58.02	18.54	5.62
Canada	3.34	25.66	1.16	14.45	21.95	4.10	4.11
Major Importers 5/	49.63	244.78	119.68	270.39	352.37	14.05	47.67
European Union 6/	18.81	151.25	13.70	116.62	157.38	12.10	14.27
Japan	1.71	0.18	16.95	13.26	17.25	0.00	1.59
Mexico	4.86	31.39	13.98	25.52	43.32	1.00	5.91
N. Afr & Mideast 7/	14.71	33.77	31.45	55.86	64.07	0.27	15.59
Saudi Arabia	3.50	0.24	13.61	12.95	13.35	0.00	4.00
Southeast Asia 8/	3.90	27.69	15.32	34.06	42.17	0.69	4.05
South Korea	1.89	0.19	10.39	8.14	10.57	0.00	1.90
Selected Other							
China	102.02	231.78	17.10	166.98	239.03	0.05	111.83
FSU-12	7.44	82.76	0.70	40.55	55.69	30.42	4.78
Russia	2.43	37.43	0.11	20.45	29.84	8.77	1.36
Ukraine	3.29	33.39	0.06	10.65	14.23	20.52	1.99

1/ Aggregate of local marketing years. Coarse grains include corn, sorghum, barley, oats, rye, millet, and mixed grains (for U.S. excludes millet and mixed grains). 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Canada, Brazil, and South Africa. 5/ The European Union, Mexico, Japan, selected North Africa and Middle East, South Korea, Southeast Asia, and Taiwan. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 555 - 21

**World Coarse Grain Supply and Use 1/ (Cont'd.)**  
**(Million Metric Tons)**

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jun	242.84	1,303.00	164.20	788.58	1,306.19	171.77	239.65
	Jul	242.62	1,302.40	163.90	784.66	1,302.92	172.40	242.10
United States	Jun	47.83	382.26	3.34	146.37	323.04	55.48	54.90
	Jul	47.41	385.40	3.34	145.18	321.35	58.02	56.79
Total Foreign	Jun	195.01	920.75	160.86	642.21	983.14	116.29	184.75
	Jul	195.20	917.00	160.55	639.48	981.57	114.38	185.30
Major Exporters 4/	Jun	15.63	178.56	2.70	85.98	117.00	62.39	17.51
	Jul	15.25	175.91	2.70	85.32	116.34	60.89	16.64
Argentina	Jun	2.99	41.89	0.01	9.78	15.44	26.21	3.24
	Jul	3.06	41.89	0.01	9.78	15.44	26.21	3.31
Australia	Jun	1.30	12.36	0.00	3.42	5.09	7.18	1.40
	Jul	1.50	13.16	0.00	3.87	5.54	7.38	1.74
Brazil	Jun	6.27	84.66	1.00	52.15	61.95	23.03	6.95
	Jul	5.62	82.96	1.00	51.44	61.24	22.03	6.31
Canada	Jun	4.11	26.07	1.07	14.92	22.53	4.45	4.26
	Jul	4.11	24.32	1.07	14.52	22.13	3.75	3.61
Major Importers 5/	Jun	48.12	250.36	118.23	276.98	358.75	14.01	43.95
	Jul	47.67	248.68	117.66	275.71	357.48	13.51	43.02
European Union 6/	Jun	15.47	160.47	12.36	120.55	161.30	12.36	14.65
	Jul	14.27	159.86	11.36	119.55	160.30	11.86	13.34
Japan	Jun	1.76	0.17	16.52	12.64	16.63	0.00	1.82
	Jul	1.59	0.17	16.90	13.22	17.21	0.00	1.45
Mexico	Jun	5.51	31.93	13.98	26.82	44.72	0.80	5.89
	Jul	5.91	31.93	13.98	27.02	44.92	0.80	6.09
N. Afr & Mideast 7/	Jun	15.23	28.41	32.97	55.66	63.62	0.17	12.82
	Jul	15.59	27.34	33.32	55.46	63.42	0.17	12.66
Saudi Arabia	Jun	3.90	0.24	13.51	13.73	14.13	0.00	3.52
	Jul	4.00	0.24	13.71	13.73	14.13	0.00	3.82
Southeast Asia 8/	Jun	4.05	28.86	14.12	35.31	43.32	0.69	3.03
	Jul	4.05	28.86	14.12	34.91	42.92	0.69	3.43
South Korea	Jun	1.85	0.21	10.59	8.29	10.77	0.00	1.88
	Jul	1.90	0.21	10.09	7.84	10.32	0.00	1.88
Selected Other								
China	Jun	110.73	225.70	12.20	170.90	246.15	0.03	102.45
	Jul	111.83	225.70	12.20	169.90	245.15	0.03	104.55
FSU-12	Jun	4.71	87.58	0.71	41.70	57.08	31.00	4.92
	Jul	4.78	88.03	0.71	41.80	57.18	31.19	5.16
Russia	Jun	1.36	39.38	0.11	21.13	30.78	8.61	1.45
	Jul	1.36	39.38	0.11	21.13	30.78	8.61	1.45
Ukraine	Jun	1.99	35.78	0.06	10.95	14.43	21.13	2.26
	Jul	1.99	36.23	0.06	11.05	14.53	21.33	2.41

1/ Aggregate of local marketing years. Coarse grains include corn, sorghum, barley, oats, rye, millet, and mixed grains (for U.S. excludes millet and mixed grains). 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Canada, Brazil, and South Africa. 5/ The European Union, Mexico, Japan, selected North Africa and Middle East, South Korea, Southeast Asia, and Taiwan. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 555 - 22

**World Corn Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	175.74	1,013.56	124.92	585.64	980.79	141.67	208.51
United States	31.29	361.09	0.80	135.05	301.85	47.36	43.97
Total Foreign	144.45	652.47	124.12	450.59	678.93	94.31	164.54
Major Exporters 4/	17.58	124.33	2.31	60.10	78.00	54.05	12.16
Argentina	1.41	28.70	0.00	6.00	9.30	18.90	1.91
Brazil	13.97	85.00	0.33	48.00	57.00	34.46	7.84
South Africa	2.20	10.63	1.97	6.10	11.70	0.69	2.41
Major Importers 5/	19.40	134.18	69.18	142.14	193.71	5.88	23.17
Egypt	2.40	5.96	7.84	11.50	13.90	0.00	2.30
European Union 6/	6.89	75.78	8.65	59.50	77.88	4.03	9.41
Japan	1.29	0.00	14.66	11.00	14.60	0.00	1.35
Mexico	2.60	25.48	11.27	17.70	34.45	0.78	4.12
Southeast Asia 7/	3.97	26.81	12.78	30.60	38.60	1.07	3.89
South Korea	1.86	0.08	10.17	8.04	10.25	0.00	1.86
Selected Other							0.00
Canada	1.60	11.49	1.56	7.43	12.82	0.42	1.40
China	81.32	215.65	5.52	140.00	202.00	0.01	100.46
FSU-12	3.37	43.80	0.51	18.76	21.48	23.18	3.02
Ukraine	2.40	28.45	0.03	8.00	9.40	19.66	1.82
<b>2015/16 Est.</b>							
World 3/	208.51	959.79	134.56	598.18	961.40	119.38	206.90
United States	43.97	345.49	1.52	132.09	299.52	48.26	43.20
Total Foreign	164.54	614.30	133.04	466.09	661.88	71.12	163.70
Major Exporters 4/	12.16	104.50	5.01	58.50	75.80	38.20	7.67
Argentina	1.91	28.00	0.01	6.00	9.30	19.00	1.61
Brazil	7.84	70.00	1.50	47.00	55.50	18.50	5.34
South Africa	2.41	6.50	3.50	5.50	11.00	0.70	0.71
Major Importers 5/	23.17	116.77	79.50	143.80	195.19	3.29	20.96
Egypt	2.30	6.00	8.50	12.35	14.75	0.01	2.04
European Union 6/	9.41	57.98	13.20	54.70	72.71	1.60	6.28
Japan	1.35	0.00	15.00	11.50	15.10	0.00	1.25
Mexico	4.12	25.00	13.00	19.20	36.00	1.00	5.12
Southeast Asia 7/	3.89	27.64	15.30	34.00	42.10	0.68	4.05
South Korea	1.86	0.08	10.30	8.10	10.35	0.00	1.89
Selected Other							0.00
Canada	1.40	13.60	1.00	8.00	13.40	1.00	1.60
China	100.46	224.58	3.10	153.50	217.50	0.02	110.62
FSU-12	3.02	40.42	0.44	18.66	21.38	20.62	1.89
Ukraine	1.82	23.33	0.05	7.00	8.40	16.00	0.80

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Brazil, and South Africa. 5/ Egypt, the European Union, Mexico, Japan, South Korea, Taiwan, and Southeast Asia. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 555 - 23

**World Corn Supply and Use 1/ (Cont'd.)**  
**(Million Metric Tons)**

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jun	206.45	1,011.77	127.15	622.83	1,013.09	133.13	205.12
	Jul	206.90	1,010.74	126.55	618.51	1,009.25	133.37	208.39
United States	Jun	43.38	366.54	1.02	140.98	310.40	49.53	51.00
	Jul	43.20	369.33	1.02	139.71	308.62	52.07	52.85
Total Foreign	Jun	163.07	645.23	126.14	481.86	702.69	83.60	154.13
	Jul	163.70	641.41	125.54	478.81	700.63	81.30	155.54
Major Exporters 4/	Jun	8.27	129.00	1.11	62.20	80.70	47.50	10.17
	Jul	7.67	127.00	1.11	61.20	79.70	46.50	9.57
Argentina	Jun	1.61	34.00	0.01	6.60	10.40	23.00	2.22
	Jul	1.61	34.00	0.01	6.60	10.40	23.00	2.22
Brazil	Jun	5.94	82.00	0.60	50.00	59.00	23.00	6.54
	Jul	5.34	80.00	0.60	49.00	58.00	22.00	5.94
South Africa	Jun	0.71	13.00	0.50	5.60	11.30	1.50	1.41
	Jul	0.71	13.00	0.50	5.60	11.30	1.50	1.41
Major Importers 5/	Jun	20.81	123.44	76.95	146.60	197.83	4.49	18.89
	Jul	20.96	123.00	75.95	145.65	196.88	3.99	19.04
Egypt	Jun	2.04	6.00	8.75	12.65	15.05	0.01	1.73
	Jul	2.04	6.00	8.75	12.65	15.05	0.01	1.73
European Union 6/	Jun	6.28	64.28	12.00	56.50	74.30	3.00	5.25
	Jul	6.28	63.83	11.00	55.50	73.30	2.50	5.31
Japan	Jun	1.45	0.00	14.50	10.80	14.40	0.00	1.55
	Jul	1.25	0.00	15.00	11.50	15.10	0.00	1.15
Mexico	Jun	4.82	24.20	13.00	19.20	36.10	0.80	5.12
	Jul	5.12	24.20	13.00	19.40	36.30	0.80	5.22
Southeast Asia 7/	Jun	4.05	28.81	14.10	35.25	43.25	0.68	3.03
	Jul	4.05	28.81	14.10	34.85	42.85	0.68	3.43
South Korea	Jun	1.84	0.08	10.50	8.25	10.55	0.00	1.86
	Jul	1.89	0.08	10.00	7.80	10.10	0.00	1.86
Selected Other								
Canada	Jun	1.60	13.75	1.00	8.10	13.60	1.20	1.55
	Jul	1.60	12.50	1.00	7.90	13.40	0.50	1.20
China	Jun	109.52	218.00	1.00	160.00	227.00	0.02	101.50
	Jul	110.62	218.00	1.00	159.00	226.00	0.02	103.60
FSU-12	Jun	1.81	44.16	0.42	19.49	22.27	21.97	2.16
	Jul	1.89	44.16	0.42	19.49	22.27	21.97	2.24
Ukraine	Jun	0.80	26.00	0.05	7.30	8.70	17.00	1.15
	Jul	0.80	26.00	0.05	7.30	8.70	17.00	1.15

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Brazil, and South Africa. 5/ Egypt, the European Union, Mexico, Japan, South Korea, Taiwan, and Southeast Asia. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 555 - 24

**World Rice Supply and Use (Milled Basis) 1/  
(Million Metric Tons)**

<b>2014/15</b>	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	113.81	478.70	41.11	477.97	43.78	114.54
United States	1.03	7.11	0.78	4.16	3.21	1.55
Total Foreign	112.78	471.60	40.32	473.81	40.58	112.99
Major Exporters 4/	36.63	159.30	0.73	133.43	32.42	30.80
India	22.76	105.48	0.00	98.23	12.24	17.77
Pakistan	0.68	6.90	0.03	2.60	3.80	1.21
Thailand	11.90	18.75	0.30	10.60	9.78	10.57
Vietnam	1.30	28.17	0.40	22.00	6.61	1.26
Major Importers 5/	11.37	64.06	13.67	76.94	1.23	10.93
Brazil	0.64	8.47	0.38	7.91	0.93	0.64
European Union 6/	1.16	1.96	1.70	3.32	0.27	1.24
Indonesia	5.50	35.56	1.35	38.30	0.00	4.11
Nigeria	0.86	2.84	2.70	5.40	0.00	0.99
Philippines	1.70	11.92	1.80	13.20	0.00	2.21
Sel. Mideast 7/	1.31	1.98	4.11	6.14	0.00	1.26
Selected Other						0.00
Burma	0.37	12.60	0.00	10.50	1.74	0.74
C. Amer & Carib 8/	0.47	1.81	1.60	3.36	0.01	0.51
China	53.10	144.56	4.70	144.50	0.43	57.44
Egypt	0.61	4.53	0.03	4.00	0.25	0.92
Japan	3.01	7.85	0.64	8.60	0.07	2.82
Mexico	0.15	0.18	0.69	0.86	0.00	0.15
South Korea	0.90	4.24	0.47	4.20	0.00	1.41

**2015/16 Est.**

World 3/	114.54	470.64	39.02	478.48	41.29	106.70
United States	1.55	6.11	0.76	3.85	3.27	1.30
Total Foreign	112.99	464.53	38.26	474.63	38.02	105.40
Major Exporters 4/	30.80	154.10	0.72	133.55	30.40	21.67
India	17.77	103.50	0.00	98.30	9.20	13.77
Pakistan	1.21	6.70	0.02	2.60	4.50	0.83
Thailand	10.57	15.80	0.30	10.80	9.80	6.07
Vietnam	1.26	28.10	0.40	21.85	6.90	1.01
Major Importers 5/	10.93	62.27	13.24	76.72	0.98	8.74
Brazil	0.64	7.13	0.85	7.80	0.60	0.22
European Union 6/	1.24	2.06	1.60	3.38	0.28	1.23
Indonesia	4.11	35.30	1.85	38.10	0.00	3.16
Nigeria	0.99	2.71	2.20	5.25	0.00	0.65
Philippines	2.21	11.35	1.60	13.20	0.00	1.96
Sel. Mideast 7/	1.26	1.89	3.80	6.05	0.00	0.91
Selected Other						0.00
Burma	0.74	12.20	0.00	10.60	1.65	0.69
C. Amer & Carib 8/	0.51	1.63	1.79	3.41	0.02	0.50
China	57.44	145.77	5.00	145.50	0.30	62.41
Egypt	0.92	4.00	0.08	3.95	0.20	0.85
Japan	2.82	7.65	0.70	8.60	0.08	2.49
Mexico	0.15	0.16	0.70	0.87	0.00	0.14
South Korea	1.41	4.33	0.47	4.37	0.00	1.83

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. Total domestic includes both domestic use and unreported disappearance. 3/ World imports and exports may not balance due to differences in some countries. 4/ India, Pakistan, Thailand, and Vietnam. 5/ Brazil, Indonesia, Hong Kong, Cote d'Ivoire, Nigeria, Philippines, selected Middle East, and the EU-28. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.



## WASDE - 555 - 25

**World Rice Supply and Use (Milled Basis) 1/ (Cont'd.)**  
**(Million Metric Tons)**

<b>2016/17 Proj.</b>		<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Total /2 Domestic</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 3/	Jun	106.62	480.72	38.59	480.39	40.53	106.95
	Jul	106.70	481.23	38.19	480.63	40.53	107.30
United States	Jun	1.36	7.34	0.76	4.29	3.56	1.62
	Jul	1.30	7.78	0.76	4.38	3.65	1.81
Total Foreign	Jun	105.26	473.38	37.82	476.11	36.97	105.33
	Jul	105.40	473.45	37.42	476.25	36.88	105.50
Major Exporters 4/	Jun	21.87	157.40	0.67	134.30	28.75	16.89
	Jul	21.67	157.40	0.67	134.20	28.75	16.79
India	Jun	13.77	105.00	0.00	98.60	8.50	11.67
	Jul	13.77	105.00	0.00	98.60	8.50	11.67
Pakistan	Jun	1.13	6.90	0.02	2.80	4.25	1.00
	Jul	0.83	6.90	0.02	2.70	4.25	0.80
Thailand	Jun	6.07	17.00	0.25	11.10	9.00	3.22
	Jul	6.07	17.00	0.25	11.10	9.00	3.22
Vietnam	Jun	0.91	28.50	0.40	21.80	7.00	1.01
	Jul	1.01	28.50	0.40	21.80	7.00	1.11
Major Importers 5/	Jun	9.15	65.78	12.40	77.37	1.21	8.75
	Jul	8.74	65.78	12.05	77.12	1.21	8.24
Brazil	Jun	0.45	8.50	0.60	8.00	0.80	0.75
	Jul	0.22	8.50	0.60	7.95	0.80	0.57
European Union 6/	Jun	1.23	2.03	1.60	3.42	0.26	1.18
	Jul	1.23	2.03	1.60	3.42	0.26	1.18
Indonesia	Jun	3.16	36.60	1.25	38.10	0.00	2.91
	Jul	3.16	36.60	1.25	38.10	0.00	2.91
Nigeria	Jun	0.80	2.70	2.10	5.20	0.00	0.40
	Jul	0.65	2.70	2.00	5.10	0.00	0.25
Philippines	Jun	1.96	12.00	1.50	13.30	0.00	2.16
	Jul	1.96	12.00	1.50	13.30	0.00	2.16
Sel. Mideast 7/	Jun	0.94	2.01	4.10	6.15	0.00	0.89
	Jul	0.91	2.01	3.85	6.05	0.00	0.71
Selected Other							
Burma	Jun	0.69	12.50	0.00	10.70	1.75	0.74
	Jul	0.69	12.50	0.00	10.70	1.75	0.74
C. Amer & Carib 8/	Jun	0.49	1.72	1.71	3.44	0.02	0.45
	Jul	0.50	1.72	1.71	3.45	0.02	0.46
China	Jun	61.86	146.50	5.00	145.00	0.30	68.06
	Jul	62.41	146.50	5.00	145.00	0.30	68.61
Egypt	Jun	0.90	4.00	0.04	3.90	0.25	0.79
	Jul	0.85	4.00	0.04	3.95	0.20	0.74
Japan	Jun	2.49	7.68	0.70	8.70	0.09	2.09
	Jul	2.49	7.68	0.70	8.70	0.09	2.09
Mexico	Jun	0.14	0.17	0.75	0.88	0.00	0.18
	Jul	0.14	0.17	0.75	0.88	0.00	0.18
South Korea	Jun	1.67	4.00	0.41	4.33	0.00	1.74
	Jul	1.83	4.00	0.41	4.33	0.00	1.90

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. Total domestic includes both domestic use and unreported disappearance. 3/ World imports and exports may not balance due to differences in some countries. 4/ India, Pakistan, Thailand, and Vietnam. 5/ Brazil, Indonesia, Hong Kong, Cote d'Ivoire, Nigeria, Philippines, selected Middle East, and the EU-28. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.

## WASDE - 555 - 26

**World Cotton Supply and Use 1/  
(Million 480-Pound Bales)**

<b>2014/15</b>	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	103.23	119.08	35.73	110.12	35.36	0.11	112.46
United States	2.35	16.32	0.01	3.58	11.25	0.16	3.70
Total Foreign	100.88	102.76	35.72	106.54	24.12	-0.05	108.76
Major Exporters 4/	28.36	52.63	1.74	32.33	20.63	-0.23	29.99
Central Asia 5/	3.76	6.20	3/	2.38	4.67	0.00	2.90
Afr. Fr. Zone 6/	1.39	5.09	3/	0.14	4.33	0.00	2.00
S. Hemis 7/	11.40	11.02	0.18	4.45	7.06	-0.24	11.32
Australia	1.81	2.30	3/	0.04	2.39	-0.10	1.78
Brazil	7.67	7.00	0.02	3.40	3.91	-0.15	7.53
India	11.46	29.50	1.23	24.50	4.20	0.00	13.49
Major Importers 8/	70.69	46.89	31.94	69.86	2.57	0.17	76.92
Mexico	0.58	1.32	0.83	1.85	0.17	0.03	0.69
China	62.71	30.00	8.28	33.00	0.07	0.00	67.92
European Union 9/	0.38	1.64	0.86	0.87	1.62	0.05	0.33
Turkey	1.36	3.20	3.68	6.40	0.24	0.00	1.60
Pakistan	2.48	10.60	0.95	10.60	0.45	0.03	2.95
Indonesia	0.50	0.01	3.35	3.25	0.01	0.00	0.60
Thailand	0.24	3/	1.48	1.48	0.00	0.03	0.22
Bangladesh	1.27	0.12	5.40	5.50	0.00	0.01	1.28
Vietnam	0.50	3/	4.30	4.10	0.00	0.00	0.70
<b>2015/16 Est.</b>							
World	112.46	97.92	34.30	110.20	34.31	-0.11	100.27
United States	3.70	12.89	0.04	3.55	9.20	-0.03	3.90
Total Foreign	108.76	85.03	34.26	106.65	25.11	-0.08	96.37
Major Exporters 4/	29.99	47.73	1.66	31.88	22.22	-0.22	25.49
Central Asia 5/	2.90	5.80	3/	2.45	4.06	0.00	2.19
Afr. Fr. Zone 6/	2.00	4.34	3/	0.14	4.66	0.00	1.54
S. Hemis 7/	11.32	10.20	0.26	4.27	7.41	-0.23	10.33
Australia	1.78	2.60	3/	0.04	2.60	-0.10	1.84
Brazil	7.53	6.20	0.10	3.20	4.30	-0.15	6.48
India	13.49	26.80	0.95	24.25	5.80	0.00	11.19
Major Importers 8/	76.92	34.47	30.45	70.54	1.98	0.14	69.19
Mexico	0.69	0.91	0.98	1.90	0.15	0.03	0.50
China	67.92	22.50	4.50	34.00	0.13	0.00	60.80
European Union 9/	0.33	1.28	0.84	0.84	1.22	0.05	0.34
Turkey	1.60	2.65	4.10	6.55	0.23	0.00	1.57
Pakistan	2.95	7.00	3.10	10.25	0.25	0.03	2.53
Indonesia	0.60	0.01	2.80	2.83	0.01	0.00	0.57
Thailand	0.22	3/	1.33	1.30	0.00	0.03	0.22
Bangladesh	1.28	0.12	5.60	5.70	0.00	0.01	1.29
Vietnam	0.70	3/	4.60	4.55	0.00	0.00	0.75

1/ Marketing year beginning August 1. Totals may not add exactly and trade may not balance due to rounding and other factors. 2/ Generally reflects cotton lost or destroyed in the marketing channel; for Australia, Brazil, China, and the United States, reflects the difference between implicit stocks based on supply less total use and indicated ending stocks. 3/ Less than 5,000 bales. 4/ Includes Egypt and Syria in addition to the countries and regions listed. 5/ Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. 6/ Benin, Burkino Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, Paraguay, South Africa, Tanzania, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Hong Kong, Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

## WASDE - 555 - 27

**World Cotton Supply and Use 1/  
(Million 480-Pound Bales)**

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Jun	102.08	103.17	33.33	110.59	33.33	-0.08	94.73
	Jul	100.27	102.55	34.35	111.60	34.36	-0.08	91.29
United States	Jun	4.10	14.80	0.01	3.60	10.50	0.01	4.80
	Jul	3.90	15.80	0.01	3.60	11.50	0.01	4.60
Total Foreign	Jun	97.98	88.37	33.32	106.99	22.83	-0.09	89.93
	Jul	96.37	86.75	34.34	108.00	22.86	-0.09	86.69
Major Exporters 4/	Jun	25.57	49.50	1.45	31.70	19.83	-0.23	25.21
	Jul	25.49	49.11	1.85	31.55	20.11	-0.23	25.02
Central Asia 5/	Jun	2.14	5.91	3/	2.48	3.59	0.00	1.99
	Jul	2.19	5.81	3/	2.48	3.59	0.00	1.94
Afr. Fr. Zone 6/	Jun	1.54	4.62	3/	0.14	4.46	0.00	1.56
	Jul	1.54	4.62	3/	0.14	4.46	0.00	1.56
S. Hemis 7/	Jun	10.61	10.61	0.23	4.18	7.53	-0.24	9.97
	Jul	10.33	10.82	0.37	4.27	7.61	-0.24	9.87
Australia	Jun	1.74	2.60	3/	0.04	2.70	-0.10	1.71
	Jul	1.84	2.80	3/	0.04	2.80	-0.10	1.91
Brazil	Jun	6.78	6.40	0.05	3.10	4.00	-0.15	6.28
	Jul	6.48	6.40	0.20	3.20	4.00	-0.15	6.03
India	Jun	11.04	28.00	0.70	24.25	4.00	0.00	11.49
	Jul	11.19	27.50	0.95	24.00	4.20	0.00	11.44
Major Importers 8/	Jun	70.73	35.96	29.65	70.99	2.12	0.14	63.08
	Jul	69.19	34.73	30.23	72.11	1.87	0.14	60.02
Mexico	Jun	0.50	0.87	1.15	1.90	0.10	0.03	0.50
	Jul	0.50	0.87	1.15	1.90	0.10	0.03	0.50
China	Jun	62.30	21.50	4.50	33.50	0.10	0.00	54.70
	Jul	60.80	21.50	4.50	35.00	0.10	0.00	51.70
European Union 9/	Jun	0.33	1.46	0.81	0.83	1.39	0.05	0.33
	Jul	0.34	1.23	0.82	0.83	1.19	0.05	0.33
Turkey	Jun	1.57	3.00	3.70	6.50	0.28	0.00	1.50
	Jul	1.57	3.00	3.80	6.60	0.28	0.00	1.50
Pakistan	Jun	2.53	9.00	1.70	10.50	0.25	0.03	2.45
	Jul	2.53	8.00	2.40	10.25	0.20	0.03	2.45
Indonesia	Jun	0.57	0.01	2.75	2.75	0.01	0.00	0.57
	Jul	0.57	0.01	2.75	2.75	0.01	0.00	0.57
Thailand	Jun	0.22	3/	1.30	1.28	0.00	0.03	0.22
	Jul	0.22	3/	1.30	1.28	0.00	0.03	0.22
Bangladesh	Jun	1.29	0.12	5.90	6.00	0.00	0.01	1.30
	Jul	1.29	0.12	5.90	6.00	0.00	0.01	1.30
Vietnam	Jun	0.80	3/	5.20	5.10	0.00	0.00	0.91
	Jul	0.75	3/	5.00	4.90	0.00	0.00	0.86

1/ Marketing year beginning August 1. Totals may not add exactly and trade may not balance due to rounding and other factors. 2/ Generally reflects cotton lost or destroyed in the marketing channel; for Australia, Brazil, China, and the United States, reflects the difference between implicit stocks based on supply less total use and indicated ending stocks. 3/ Less than 5,000 bales. 4/ Includes Egypt and Syria in addition to the countries and regions listed. 5/ Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. 6/ Benin, Burkino Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, Paraguay, South Africa, Tanzania, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Hong Kong, Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

## WASDE - 555 - 28

**World Soybean Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		61.96	319.72	123.71	263.25	300.83	126.16	78.41
United States		2.50	106.88	0.90	50.98	54.93	50.17	5.19
Total Foreign		59.46	212.84	122.81	212.28	245.90	75.99	73.23
Major Exporters 3/		41.43	169.99	0.32	84.30	91.56	68.70	51.49
Argentina		25.27	61.40	0.00	40.02	44.18	10.57	31.92
Brazil		16.02	97.20	0.31	40.44	43.41	50.61	19.50
Paraguay		0.13	8.10	0.01	3.65	3.69	4.49	0.06
Major Importers 4/		15.22	15.39	105.46	97.91	117.13	0.29	18.64
China		13.88	12.15	78.35	74.50	87.20	0.14	17.03
European Union		0.62	1.83	13.39	13.60	15.07	0.12	0.66
Japan		0.23	0.23	3.00	2.15	3.24	0.00	0.22
Mexico		0.12	0.35	3.82	4.18	4.21	0.00	0.07
<b>2015/16 Est.</b>								
World 2/		78.41	312.36	130.37	279.20	317.34	131.64	72.17
United States		5.19	106.93	0.68	51.44	54.42	48.85	9.54
Total Foreign		73.23	205.43	129.69	227.77	262.92	82.79	62.63
Major Exporters 3/		51.49	163.80	0.41	90.73	98.19	74.90	42.61
Argentina		31.92	56.50	0.05	45.70	50.05	11.40	27.02
Brazil		19.50	96.50	0.35	40.70	43.70	57.20	15.45
Paraguay		0.06	8.80	0.01	4.10	4.14	4.60	0.13
Major Importers 4/		18.64	15.19	110.13	105.67	125.92	0.36	17.68
China		17.03	11.60	83.00	81.80	95.25	0.15	16.23
European Union		0.66	2.20	13.20	13.80	15.32	0.15	0.59
Japan		0.22	0.24	3.10	2.20	3.32	0.00	0.24
Mexico		0.07	0.33	3.95	4.25	4.29	0.00	0.06
<b>2016/17 Proj.</b>								
World 2/	Jun	72.29	323.70	136.02	288.44	327.99	137.71	66.31
	Jul	72.17	325.95	136.02	289.23	328.78	138.26	67.10
United States	Jun	10.07	103.42	0.82	52.12	55.53	51.71	7.06
	Jul	9.54	105.60	0.82	52.39	55.79	52.25	7.90
Total Foreign	Jun	62.22	220.28	135.21	236.32	272.45	86.00	59.24
	Jul	62.63	220.35	135.21	236.84	272.99	86.00	59.20
Major Exporters 3/	Jun	42.21	172.00	0.36	88.75	96.43	77.79	40.36
	Jul	42.61	172.00	0.36	89.25	96.93	77.79	40.26
Argentina	Jun	27.02	57.00	0.05	44.30	48.75	10.65	24.67
	Jul	27.02	57.00	0.05	44.30	48.75	10.65	24.67
Brazil	Jun	15.05	103.00	0.30	40.00	43.10	59.70	15.55
	Jul	15.45	103.00	0.30	40.50	43.60	59.70	15.45
Paraguay	Jun	0.13	9.00	0.01	4.20	4.25	4.75	0.14
	Jul	0.13	9.00	0.01	4.20	4.25	4.75	0.14
Major Importers 4/	Jun	17.68	16.03	114.18	110.82	131.62	0.34	15.94
	Jul	17.68	16.08	114.18	110.82	131.64	0.34	15.97
China	Jun	16.23	12.20	87.00	87.00	100.80	0.15	14.48
	Jul	16.23	12.20	87.00	87.00	100.80	0.15	14.48
European Union	Jun	0.59	2.40	12.60	13.30	14.87	0.15	0.57
	Jul	0.59	2.45	12.60	13.30	14.87	0.15	0.62
Japan	Jun	0.24	0.24	3.10	2.20	3.33	0.00	0.26
	Jul	0.24	0.24	3.10	2.20	3.33	0.00	0.26
Mexico	Jun	0.06	0.37	4.00	4.28	4.33	0.00	0.11
	Jul	0.06	0.37	4.00	4.28	4.33	0.00	0.11

1/ Data based on local marketing years except Argentina and Brazil which are adjusted to an October-September year. 2/ World imports and exports may not balance due to differences in local marketing years and to time lags between reported exports and imports. Therefore, world supply may not equal world use. 3/ Argentina, Brazil, Paraguay, and Uruguay. 4/ China, European Union, Japan, Mexico, and Southeast Asia (includes Indonesia, Malaysia, Philippines, Vietnam, and Thailand).

## WASDE - 555 - 29

**World Soybean Meal Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		11.19	207.35	60.19	202.49	63.93	12.30
United States		0.23	40.88	0.30	29.24	11.93	0.24
Total Foreign		10.96	166.47	59.89	173.25	52.00	12.06
Major Exporters 3/		7.73	67.67	0.03	22.89	44.04	8.50
Argentina		4.07	30.93	0.00	2.30	28.58	4.13
Brazil		3.07	31.30	0.02	15.85	14.39	4.15
India		0.59	5.44	0.01	4.74	1.07	0.23
Major Importers 4/		1.51	15.04	35.94	50.34	0.70	1.46
European Union		0.25	10.74	19.16	29.54	0.36	0.25
Southeast Asia 5/		1.07	2.67	15.08	17.39	0.34	1.11
<b>2015/16 Est.</b>							
World 2/		12.30	219.10	64.82	216.00	68.08	12.14
United States		0.24	40.47	0.39	30.21	10.61	0.27
Total Foreign		12.06	178.63	64.43	185.79	57.47	11.86
Major Exporters 3/		8.50	71.53	0.03	22.91	48.70	8.44
Argentina		4.13	35.33	0.00	2.40	32.80	4.25
Brazil		4.15	31.50	0.02	15.80	15.80	4.07
India		0.23	4.70	0.01	4.71	0.10	0.13
Major Importers 4/		1.46	15.35	38.65	53.71	0.77	0.98
European Union		0.25	10.90	20.70	31.24	0.40	0.21
Southeast Asia 5/		1.11	2.79	16.10	18.97	0.37	0.65
<b>2016/17 Proj.</b>							
World 2/	Jun	11.95	226.76	67.74	226.11	69.87	10.47
	Jul	12.14	227.34	67.62	225.46	70.40	11.23
United States	Jun	0.27	41.25	0.30	30.66	10.89	0.27
	Jul	0.27	41.44	0.30	30.66	11.07	0.27
Total Foreign	Jun	11.68	185.50	67.45	195.45	58.98	10.20
	Jul	11.86	185.90	67.33	194.80	59.33	10.96
Major Exporters 3/	Jun	8.05	72.63	0.02	23.55	50.40	6.76
	Jul	8.44	72.98	0.02	23.50	50.40	7.55
Argentina	Jun	4.25	34.35	0.00	2.48	32.80	3.33
	Jul	4.25	34.35	0.00	2.48	32.80	3.33
Brazil	Jun	3.73	31.00	0.02	15.90	15.80	3.05
	Jul	4.07	31.35	0.02	15.85	15.80	3.79
India	Jun	0.07	7.28	0.00	5.17	1.80	0.38
	Jul	0.13	7.28	0.00	5.17	1.80	0.44
Major Importers 4/	Jun	1.16	15.27	41.20	55.94	0.45	1.23
	Jul	0.98	15.27	41.20	55.56	0.73	1.16
European Union	Jun	0.21	10.51	21.70	31.79	0.40	0.23
	Jul	0.21	10.51	21.70	31.79	0.40	0.23
Southeast Asia 5/	Jun	0.83	3.10	17.60	20.57	0.05	0.91
	Jul	0.65	3.10	17.60	20.19	0.33	0.83

1/ Data based on local marketing years except for Argentina and Brazil which are adjusted to an October-September year. 2/ World imports and exports may not balance due to differences in local marketing years and to time lags between reported exports and imports. Therefore, world supply may not equal world use. 3/ Argentina, Brazil, and India. 4/ European Union, Southeast Asia, and Japan. 5/ Indonesia, Malaysia, Philippines, Vietnam, and Thailand.

## WASDE - 555 - 30

**World Soybean Oil Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		3.63	49.06	10.08	48.04	11.10	3.62
United States		0.53	9.71	0.12	8.60	0.91	0.84
Total Foreign		3.10	39.36	9.96	39.44	10.19	2.78
Major Exporters 3/		0.99	18.03	0.29	10.82	7.61	0.87
Argentina		0.24	7.69	0.02	2.50	5.09	0.35
Brazil		0.39	7.76	0.01	6.37	1.51	0.28
European Union		0.37	2.58	0.25	1.95	1.01	0.24
Major Importers 4/		1.33	15.02	5.21	20.28	0.18	1.10
China		0.97	13.35	0.77	14.20	0.11	0.78
India		0.25	1.20	2.80	4.05	0.00	0.20
North Africa 5/		0.12	0.47	1.64	2.03	0.07	0.13
<b>2015/16 Est.</b>							
World 2/		3.62	52.19	11.72	51.20	12.47	3.87
United States		0.84	9.99	0.14	8.89	1.04	1.03
Total Foreign		2.78	42.21	11.58	42.31	11.42	2.83
Major Exporters 3/		0.87	19.19	0.31	10.85	8.78	0.75
Argentina		0.35	8.77	0.01	2.51	6.28	0.35
Brazil		0.28	7.80	0.05	6.39	1.50	0.24
European Union		0.24	2.62	0.25	1.95	1.00	0.16
Major Importers 4/		1.10	16.13	6.68	22.51	0.19	1.21
China		0.78	14.66	0.82	15.45	0.11	0.69
India		0.20	1.04	4.00	4.89	0.00	0.34
North Africa 5/		0.13	0.44	1.86	2.17	0.08	0.17
<b>2016/17 Proj.</b>							
World 2/	Jun	3.94	53.69	11.07	53.13	11.85	3.72
	Jul	3.87	53.82	11.01	53.07	11.96	3.67
United States	Jun	1.08	10.03	0.11	9.21	1.09	0.93
	Jul	1.03	10.09	0.11	9.28	1.09	0.87
Total Foreign	Jun	2.86	43.66	10.96	43.93	10.76	2.80
	Jul	2.83	43.73	10.90	43.80	10.87	2.80
Major Exporters 3/	Jun	0.78	18.65	0.27	10.97	8.00	0.73
	Jul	0.75	18.72	0.27	10.89	8.11	0.73
Argentina	Jun	0.35	8.44	0.01	2.52	5.98	0.30
	Jul	0.35	8.44	0.01	2.52	5.98	0.30
Brazil	Jun	0.27	7.68	0.01	6.50	1.22	0.24
	Jul	0.24	7.75	0.01	6.42	1.33	0.25
European Union	Jun	0.16	2.53	0.25	1.95	0.80	0.19
	Jul	0.16	2.53	0.25	1.95	0.80	0.19
Major Importers 4/	Jun	1.20	17.76	5.76	23.25	0.19	1.27
	Jul	1.21	17.76	5.78	23.29	0.19	1.26
China	Jun	0.69	15.59	0.82	16.20	0.11	0.79
	Jul	0.69	15.59	0.82	16.20	0.11	0.79
India	Jun	0.35	1.61	3.30	4.90	0.00	0.36
	Jul	0.34	1.61	3.30	4.90	0.00	0.36
North Africa 5/	Jun	0.16	0.56	1.64	2.15	0.08	0.12
	Jul	0.17	0.56	1.66	2.19	0.08	0.12

1/ Data based on local marketing years except for Argentina and Brazil which are adjusted to an October-September year. 2/ World imports and exports may not balance due to differences in local marketing years and to time lags between reported exports and imports. Therefore, world supply may not equal world use. 3/ Argentina, Brazil and European Union. 4/ China, India, and North Africa. 5/ Algeria, Egypt, Morocco, and Tunisia.

## WASDE - 555 - 31

## U.S. Quarterly Animal Product Production 1/

Year and Quarter		Beef	Pork	Red Meat 2/	Broiler	Turkey	Total Poultry 3/	Red Meat & Poultry	Egg	Milk	
		<i>Million Pounds</i>								<i>Mil doz</i>	<i>Bil lbs</i>
2015	III	6,068	5,958	12,083	10,372	1,352	11,857	23,940	1,929	51.7	
	IV	6,109	6,457	12,625	9,937	1,458	11,526	24,150	1,980	51.3	
	Annual	23,698	24,501	48,432	40,048	5,627	46,198	94,630	7,977	208.6	
2016	I	5,935	6,230	12,222	10,039	1,435	11,609	23,830	2,041	53.0	
	II	6,190	5,970	12,215	10,250	1,475	11,860	24,075	2,075	54.4	
	III*	6,460	6,160	12,675	10,500	1,475	12,110	24,785	2,095	52.5	
	IV*	6,360	6,640	13,059	10,275	1,550	11,960	25,019	2,135	52.5	
	Annual										
	Jun Proj.	24,675	24,960	49,864	41,014	5,920	47,474	97,337	8,311	212.6	
	Jul Proj.	24,945	25,000	50,171	41,064	5,935	47,539	97,709	8,346	212.4	
2017	I*	6,045	6,245	12,348	10,240	1,440	11,810	24,158	2,080	53.4	
	II*	6,470	6,050	12,581	10,540	1,520	12,203	24,784	2,100	55.3	
	Annual										
	Jun Proj.	25,785	25,610	51,631	42,020	6,115	48,690	100,321	8,475	215.3	
	Jul Proj.	25,785	25,455	51,476	42,020	6,115	48,690	100,166	8,515	215.6	

\* Projection. 1/ Commercial production for red meats; federally inspected for poultry meats. 2/ Beef, pork, veal and lamb & mutton. 3/ Broilers, turkeys and mature chicken.

## U.S. Quarterly Prices for Animal Products

Year and Quarter		Steers 2/	Barrows and gilts 3/	Broilers 4/	Turkeys 5/	Eggs 6/	Milk 7/
		<i>Dol./cwt</i>	<i>Dol./cwt</i>	<i>Cents/lb.</i>	<i>Cents/lb.</i>	<i>Cents/doz.</i>	<i>Dol./cwt</i>
2015	III	144.22	54.59	83.7	126.4	235.7	16.97
	IV	127.71	44.66	77.2	130.1	174.1	17.73
	Annual	148.12	50.23	90.5	116.2	181.8	17.12
2016	I	134.81	44.63	84.6	114.7	121.5	15.70
	II	127.68	53.71	93.0	116.5	67.9	14.65-14.75
	III*	120-124	53-55	89-93	115-119	93-97	15.60-16.00
	IV*	120-128	41-45	87-93	116-124	106-114	16.25-16.95
	Annual						
	Jun Proj.	125-129	48-49	88-91	114-119	90-94	14.95-15.35
	Jul Proj.	125-129	48-50	88-91	115-119	97-100	15.55-15.85
2017	I*	118-128	41-45	84-90	107-115	91-99	15.60-16.60
	II*	120-130	46-50	86-94	108-118	106-114	15.05-16.05
	Annual						
	Jun Proj.	118-128	42-46	85-93	111-120	105-114	15.25-16.25
	Jul Proj.	118-128	43-46	85-93	111-120	105-114	15.70-16.70

\*Projection. 1/ Simple average of months. 2/ 5-Area, Direct, Total all grades 3/ National Base, Live equiv 51-52% lean. 4/ Wholesale, National Composite Weighted Average. 5/ 8-16 lbs, hens National. 6/ Grade A large, New York, volume buyers. 7/ Prices received by farmers for all milk.

## WASDE - 555 - 32

## U.S. Meats Supply and Use

		Beginning Production stocks	1/ Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita 2/ 3/	
		<i>Million Pounds /4</i>							
Beef	2015	591	23,760	3,370	27,721	2,266	683	24,771	53.9
	2016 Proj. Jun	683	24,739	2,893	28,315	2,449	630	25,236	54.5
	Jul	683	25,009	2,908	28,600	2,469	630	25,501	55.1
	2017 Proj. Jun	630	25,849	2,550	29,029	2,580	600	25,849	55.4
	Jul	630	25,849	2,550	29,029	2,580	600	25,849	55.4
Pork	2015	559	24,517	1,111	26,187	4,941	590	20,656	49.8
	2016 Proj. Jun	590	24,976	1,158	26,723	5,198	600	20,925	50.1
	Jul	590	25,016	1,153	26,758	5,208	600	20,950	50.2
	2017 Proj. Jun	600	25,626	1,160	27,386	5,300	610	21,476	51.1
	Jul	600	25,471	1,160	27,231	5,300	610	21,321	50.7
Total Red Meat 5/	2015	1,190	48,520	4,695	54,404	7,212	1,320	45,872	104.9
	2016 Proj. Jun	1,320	49,953	4,284	55,558	7,655	1,276	46,627	105.9
	Jul	1,320	50,260	4,294	55,875	7,684	1,281	46,910	106.5
	2017 Proj. Jun	1,276	51,721	3,898	56,895	7,890	1,255	47,750	107.7
	Jul	1,281	51,566	3,898	56,745	7,890	1,260	47,595	107.3
Broiler	2015	680	39,620	130	40,430	6,319	832	33,279	88.9
	2016 Proj. Jun	832	40,575	132	41,539	6,723	695	34,121	90.4
	Jul	832	40,625	132	41,589	6,753	695	34,141	90.5
	2017 Proj. Jun	695	41,570	132	42,397	6,905	715	34,777	91.5
	Jul	695	41,570	132	42,397	6,995	715	34,687	91.3
Turkey	2015	193	5,627	45	5,865	533	201	5,131	16.0
	2016 Proj. Jun	201	5,920	44	6,165	605	240	5,320	16.4
	Jul	201	5,935	48	6,184	605	240	5,339	16.5
	2017 Proj. Jun	240	6,115	40	6,395	670	250	5,475	16.8
	Jul	240	6,115	40	6,395	670	250	5,475	16.8
Total Poultry 6/	2015	877	45,769	177	46,822	6,997	1,041	38,785	106.0
	2016 Proj. Jun	1,041	47,034	179	48,254	7,471	944	39,839	108.1
	Jul	1,041	47,099	183	48,323	7,501	944	39,878	108.2
	2017 Proj. Jun	944	48,240	174	49,358	7,715	974	40,669	109.6
	Jul	944	48,240	174	49,358	7,805	974	40,579	109.4
Red Meat & Poultry	2015	2,066	94,289	4,872	101,227	14,209	2,361	84,657	210.9
	2016 Proj. Jun	2,361	96,988	4,463	103,812	15,126	2,220	86,466	214.0
	Jul	2,361	97,359	4,477	104,197	15,185	2,225	86,787	214.7
	2017 Proj. Jun	2,220	99,961	4,072	106,253	15,605	2,229	88,419	217.2
	Jul	2,225	99,806	4,072	106,103	15,695	2,234	88,174	216.6

1/ Total including farm production for red meats and, for poultry, federally inspected plus non-federally inspected, less condemnations. 2/ Pounds, retail-weight basis for red meat and broilers; certified ready-to-cook weight for turkey. 3/ Population source: Dept. of Commerce. 4/ Carcass weight for red meats and certified ready-to-cook weight for poultry. 5/ Beef, pork, veal, lamb and mutton. 6/ Broilers, turkeys and mature chicken.



## WASDE - 555 - 33

## U.S. Egg Supply and Use

	2014	2015	2016 Proj. Jun	2016 Proj. Jul	2017 Proj. Jun	2017 Proj. Jul
<b>Eggs</b>	<i>Million Dozen</i>					
<b>Supply</b>						
Beginning Stocks	23.0	23.3	31.1	31.1	25.0	27.0
Production	8,431.4	7,977.3	8,311.0	8,346.0	8,475.0	8,515.0
Imports	34.7	123.3	113.6	108.6	60.0	60.0
<b>Total Supply</b>	<b>8,489.1</b>	<b>8,123.9</b>	<b>8,455.7</b>	<b>8,485.7</b>	<b>8,560.0</b>	<b>8,602.0</b>
<b>Use</b>						
Exports	393.8	317.6	315.8	310.8	355.0	355.0
Hatching Use	980.6	995.6	1,017.5	1,017.5	1,040.0	1,040.0
Ending Stocks	23.3	31.1	25.0	27.0	25.0	27.0
Disappearance						
<b>Total</b>	<b>7,091.4</b>	<b>6,779.6</b>	<b>7,097.4</b>	<b>7,130.4</b>	<b>7,140.0</b>	<b>7,180.0</b>
Per Capita (number)	266.6	252.9	262.8	264.0	262.5	264.0

## U.S. Milk Supply and Use

	2014	2015	2016 Proj. Jun	2016 Proj. Jul	2017 Proj. Jun	2017 Proj. Jul
<b>Milk</b>	<i>Billion Pounds</i>					
Production	206.1	208.6	212.6	212.4	215.3	215.6
Farm Use	1.0	1.0	1.0	1.0	1.0	1.0
<b>Fat Basis Supply</b>						
Beg. Commercial Stocks	11.2	11.2	13.3	13.3	13.1	13.5
Marketings	205.1	207.7	211.6	211.5	214.3	214.6
Imports	4.3	5.7	6.8	6.8	6.7	6.7
<b>Total Cml. Supply</b>	<b>220.6</b>	<b>224.6</b>	<b>231.7</b>	<b>231.6</b>	<b>234.1</b>	<b>234.8</b>
<b>Fat Basis Use</b>						
Commercial Exports	12.4	8.8	8.5	8.4	8.7	8.7
Ending Commercial Stocks	11.2	13.3	13.1	13.5	12.2	12.8
CCC Donations	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	196.9	202.5	210.2	209.7	213.2	213.3
<b>Skim-solid Basis Supply</b>						
Beg. Commercial Stocks	11.7	13.1	13.9	13.9	14.3	13.8
Marketings	205.1	207.7	211.6	211.5	214.3	214.6
Imports	5.6	5.9	6.4	6.5	6.2	6.3
<b>Total Cml. Supply</b>	<b>222.4</b>	<b>226.7</b>	<b>231.8</b>	<b>231.9</b>	<b>234.8</b>	<b>234.7</b>
<b>Skim-solid Basis Use</b>						
Commercial Exports	39.1	37.3	36.0	36.4	37.1	37.3
Ending Commercial Stocks	13.1	13.9	14.3	13.8	14.0	13.8
CCC Donations	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	170.2	175.5	181.5	181.7	183.7	183.6

Note: Totals may not add due to rounding.

## WASDE - 555 - 34

## U.S. Dairy Prices

	2014	2015	2016 Proj. Jun	2016 Proj. Jul	2017 Proj. Jun	2017 Proj. Jul
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	2.1551	1.6454	1.475- 1.515	1.515- 1.545	1.535- 1.635	1.565- 1.665
Butter	2.1361	2.0670	2.050- 2.120	2.155- 2.215	1.880- 2.010	1.940- 2.070
Nonfat Dry Milk	1.7682	0.9016	0.760- 0.800	0.785- 0.815	0.855- 0.925	0.865- 0.935
Dry Whey	0.6538	0.3804	0.240- 0.260	0.250- 0.270	0.255- 0.285	0.280- 0.310
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	22.34	15.80	13.40- 13.80	13.90- 14.20	14.00- 15.00	14.50- 15.50
Class IV	22.09	14.35	13.15- 13.65	13.80- 14.20	13.15- 14.25	13.50- 14.60
All Milk 3/	23.97	17.12	14.95- 15.35	15.55- 15.85	15.25- 16.25	15.70- 16.70

1/ Simple average of monthly prices calculated by AMS from weekly average dairy product prices for class price computations. 2/ Annual Class III and Class IV prices are the simple averages of monthly minimum Federal order milk prices paid by regulated plants for milk used in the respective classes. All milk price is the simple average of monthly prices received by farmers for milk at average test. 3/ Does not reflect any deductions from producers as authorized by legislation.

## WASDE - 555 - 35

## Reliability of July Projections 1/

Note: Tables on pages 35-37 present a record of the July projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 2.9 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 4.9 percent. The average difference between the July projection and the final estimate is 14.4 million tons, ranging from 1 million to 34.6 million tons. The July projection has been below the estimate 21 times and above 14 times.

	Differences between forecast and final estimate							
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final	
	<i>Percent</i>		<i>Million Metric Tons</i>					
<b>WHEAT</b>								
Production								
World	2.9	4.9	14.4	1.0	34.6	21	14	
U.S.	3.6	6.1	1.7	0.2	6.2	16	19	
Foreign	3.1	5.3	14.1	0.3	34.7	22	13	
Exports								
World	6.1	10.3	6.4	0.2	18.7	23	12	
U.S.	12.0	20.4	2.8	0.2	10.0	20	15	
Foreign	7.6	12.8	6.2	0.1	21.3	24	11	
Domestic Use								
World	2.1	3.5	9.2	1.6	25.7	21	14	
U.S.	7.2	12.2	1.8	0.0	5.0	14	21	
Foreign	2.0	3.4	8.7	1.3	26.9	23	12	
Ending Stocks								
World	10.1	17.1	12.2	0.1	35.3	24	11	
U.S.	19.1	32.4	3.2	0.2	13.9	20	15	
Foreign	10.6	17.9	10.6	2.3	31.7	24	11	
<b>COARSE GRAINS 2/</b>								
Production								
World	2.9	4.9	21.8	3.7	68.4	18	17	
U.S.	10.5	17.8	16.2	0.6	57.9	16	19	
Foreign	2.5	4.2	13.1	1.1	37.9	18	17	
Exports								
World	7.8	13.3	7.4	0.6	23.5	24	11	
U.S.	27.1	46.0	8.1	0.2	24.4	13	22	
Foreign	14.5	24.7	7.1	1.4	19.7	24	11	
Domestic Use								
World	1.7	2.9	13.6	0.0	41.7	18	17	
U.S.	4.7	7.9	7.1	0.0	22.2	22	13	
Foreign	1.9	3.2	10.6	1.0	30.5	19	16	
Ending Stocks								
World	17.9	30.3	18.9	1.6	60.2	22	13	
U.S.	41.0	69.5	13.3	0.5	50.5	14	21	
Foreign	14.7	25.0	11.9	0.2	43.6	25	10	
<b>RICE, milled</b>								
Production								
World	2.5	4.2	7.1	0.4	24.0	21	14	
U.S.	4.8	8.2	0.2	0.0	0.6	18	15	
Foreign	2.5	4.3	7.1	0.5	24.3	21	14	
Exports								
World	9.2	15.6	1.6	0.0	6.7	25	10	
U.S.	10.6	18.1	0.2	0.0	1.0	16	15	
Foreign	10.0	17.0	1.5	0.0	6.5	25	10	
Domestic Use								
World	2.1	3.5	4.9	0.2	22.9	22	13	
U.S.	8.6	14.6	0.2	0.0	0.5	13	22	
Foreign	2.1	3.6	5.0	0.2	22.9	22	13	
Ending Stocks								
World	13.8	23.4	5.4	0.1	16.1	26	9	
U.S.	28.8	48.9	0.3	0.0	1.0	22	12	
Foreign	15.2	25.8	5.4	0.2	16.5	27	8	

1/ Footnotes at end of table.

CONTINUED

## WASDE - 555 - 36

## Reliability of July Projections (Continued) 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
SOYBEANS	<i>Percent</i>			<i>Million Metric Tons</i>			
Production							
World	5.2	8.8	7.0	0.5	26.9	16	19
U.S.	7.1	12.0	3.4	0.2	11.7	17	18
Foreign	7.7	13.0	6.4	1.0	25.8	19	16
Exports							
World	8.0	13.5	3.3	0.0	10.7	22	13
U.S.	13.1	22.2	2.6	0.1	6.8	20	15
Foreign	20.6	34.9	2.6	0.0	10.5	19	16
Domestic Use							
World	4.0	6.7	5.4	0.5	16.1	21	14
U.S.	5.4	9.2	1.7	0.0	4.9	22	13
Foreign	4.3	7.3	4.6	0.1	11.2	21	14
Ending Stocks							
World	15.3	26.0	4.0	0.0	19.5	20	15
U.S.	55.3	93.8	2.6	0.0	8.2	10	25
Foreign	19.4	32.9	4.1	0.0	18.0	22	13
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	5.9	10.0	3.9	0.0	14.9	21	14
U.S.	10.0	17.0	1.4	0.1	5.3	19	16
Foreign	6.0	10.3	3.2	0.0	12.1	19	15
Exports							
World	10.6	17.9	2.3	0.1	11.6	19	16
U.S.	28.1	47.7	1.3	0.1	3.6	21	14
Foreign	14.1	23.9	2.0	0.0	9.8	16	19
Domestic Use							
World	4.3	7.3	3.0	0.0	15.4	16	19
U.S.	9.4	15.9	0.5	0.0	1.4	18	16
Foreign	4.4	7.5	2.9	0.1	14.6	15	20
Ending Stocks							
World	16.8	28.5	6.1	0.2	16.3	24	11
U.S.	40.3	68.5	1.5	0.1	4.9	15	20
Foreign	16.4	27.8	5.3	0.5	16.1	25	10

1/ Marketing years 1981/82 through 2015/16 for grains, soybeans, and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2014/15, and for 2015/16 last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

## WASDE - 555 - 37

## Reliability of United States July Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
<b>CORN</b>	<i>Percent</i>		<i>Million Bushels</i>				
Production	11.5	19.6	582	12	2,190	19	16
Exports	28.2	47.9	285	0	900	13	20
Domestic Use	5.1	8.6	279	0	770	22	12
Ending Stocks	50.2	85.2	478	11	1,840	15	20
<b>SORGHUM</b>							
Production	18.7	31.7	72	3	213	18	17
Exports	38.0	64.5	46	0	170	16	18
Domestic Use	28.5	48.3	52	3	139	14	21
Ending Stocks	67.6	114.7	49	0	174	12	22
<b>BARLEY</b>							
Production	8.0	13.6	22	0	87	12	22
Exports	58.6	99.5	15	0	92	21	13
Domestic Use	10.4	17.7	26	0	87	14	20
Ending Stocks	23.1	39.1	28	0	114	14	20
<b>OATS</b>							
Production	12.4	21.0	21	0	144	6	28
Exports	100.8	171.1	1	0	8	8	12
Domestic Use	6.5	11.1	17	0	67	11	21
Ending Stocks	22.5	38.2	15	0	68	15	19
<b>SOYBEAN MEAL</b>			<i>Thousand Short Tons</i>				
Production	5.4	9.2	1,289	118	4,432	25	10
Exports	15.8	26.9	918	50	2,450	20	15
Domestic Use	5.9	9.9	974	76	4,470	17	18
Ending Stocks	41.8	71.0	53	0	413	10	16
<b>SOYBEAN OIL</b>			<i>Million Pounds</i>				
Production	5.2	8.8	639	81	2,130	25	10
Exports	35.4	60.1	435	0	1,575	20	14
Domestic Use	4.4	7.4	462	0	2,300	20	14
Ending Stocks	41.2	70.0	501	15	1,568	18	17
<b>ANIMAL PROD. 3/</b>			<i>Million Pounds</i>				
Beef	4.2	7.2	813	83	2,677	15	7
Pork	3.1	5.3	452	39	1,372	12	10
Broilers	2.3	4.0	681	184	1,338	9	13
Turkeys	4.0	6.9	169	2	468	10	12
			<i>Million Dozen</i>				
Eggs	1.6	2.7	91	4	266	15	7
			<i>Billion Pounds</i>				
Milk	1.6	2.8	2.1	0.0	7.0	13	7

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2015/16 for grains, soybeans, and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2014/15, and for 2015/16 last month's estimate. Calendar years 1995 through 2015 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1995-2015.

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## Related USDA Reports

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The *WASDE* report incorporates information from a number of statistical reports published by USDA and other government agencies. In turn, the *WASDE* report provides a framework for more detailed reports issued by USDA's Economic Research Service and Foreign Agricultural Service. For more information on how the *WASDE* report is prepared, go to: <http://www.usda.gov/oce/commodity/wasde>.

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## Supply and Demand Database

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The Foreign Agricultural Service publishes Production, Supply, and Demand Online, a comprehensive database of supply and demand balances by commodity for 190 countries and regions at <http://www.fas.usda.gov/psd/online>. Data for grains, oilseeds, and cotton are updated monthly and data for other commodities are updated less frequently.

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## Foreign Production Assessments

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Preliminary foreign production assessments and satellite imagery analysis used to prepare the *WASDE* report are provided by the International Production Assessment Division (IPAD) of the Foreign Agricultural Service. IPAD is located at [www.pecad.fas.usda.gov/](http://www.pecad.fas.usda.gov/).

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## Metric Conversion Factors

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**1 Hectare = 2.4710 Acres**

**1 Kilogram = 2.20462 Pounds**

<b>Metric-Ton Equivalent</b>	<b>= Domestic Unit</b>	<b>Factor</b>
Wheat & Soybeans	bushels	.027216
Rice	cwt	.045359
Corn, Sorghum, & Rye	bushels	.025401
Barley	bushels	.021772
Oats	bushels	.014515
Sugar	short tons	.907185
Cotton	480-lb bales	.217720



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For questions contact: Susan Carter at 202-720-5447 or [scarter@oce.usda.gov](mailto:scarter@oce.usda.gov)

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