

# World Agricultural Supply and Demand Estimates

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WASDE - 556

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**WHEAT:** Projected U.S. supplies for 2016/17 are raised on a larger crop that is partially offset by lower imports. U.S. wheat production is raised for all 5 major wheat classes. Projected imports are lowered 5 million bushels on larger supplies of U.S. spring wheat. All wheat exports for 2016/17 are projected 25 million bushels higher to 950 million on expectations of an improved competitive situation and a sharp reduction of EU wheat production, which is expected to benefit North American suppliers. Feed and residual use is raised 30 million bushels on the larger domestic crop. The increased use offsets the higher supplies and ending stocks are slightly lower. The season-average farm price is lowered 5 cents on the low end and 15 cents on the high end to \$3.35 to \$4.05 per bushel.

Global wheat supplies for 2016/17 are raised 2.3 million tons on a 4.9-million production increase that is partially offset by a decrease in beginning stocks. The Russia wheat crop is raised 7.0 million tons to 72.0 million on excellent growing conditions throughout the country and harvest reports showing very high yields. Ukraine and Kazakhstan are raised 2.0 million tons each, also on harvest reports and favorable weather. Australia and Canada production is raised 1.0 million tons each, on favorable growing conditions. These large production increases are partially offset by a 9.0-million-ton reduction in the EU, due to excessive rain in key growing regions, particularly in France. Unrelenting rain during flowering and grain fill damaged crop quality and sharply lowered yield prospects. French yields are projected to be the lowest in nearly thirty years. For the EU as a whole, 2016/17 yields are projected to be the lowest since 2012/13.

Global trade is raised 2.3 million tons on larger global supplies. Russia exports are raised 4.5 million tons to a record 30.0 million on the sharp production increase. Russia is projected to be the world's largest wheat exporter for the first time. Ukraine exports are raised 2.0 million tons, and Australia, Canada, and Kazakhstan are each raised 1.0 million, all due to increased production. These increases are partially offset by a 7.0-million-ton reduction in EU exports due to the sharply smaller crop. Argentina exports are also lowered 1.0 million tons on reduced production and lower beginning stocks. Global use is up 3.2 million tons led by a 1.0-million-ton increase in Russia feed use, a 0.8-million-ton increase in U.S. feed use, and a 0.4-million-ton increase in Afghanistan food use. With total use rising faster than supplies, world ending stocks are lowered 0.9 million tons but remain record large.

**COARSE GRAINS:** Projected 2016/17 U.S. feed grain supplies are increased this month with higher forecast corn, sorghum, barley, and oats production. Corn production is forecast at a record 15.2 billion bushels, up 613 million from the July projection. The season's first survey-based corn yield forecast, at 175.1 bushels per acre, is up 7.1 bushels from last month's trend-based projection and above the record 171.0 bushels in 2014/15. The *Crop Production* report indicates that nearly all Corn Belt states, with the exception of Minnesota and South Dakota, are forecast to have yields above a year ago. Sorghum production is forecast 55 million bushels higher with the forecast yield 8.4 bushels per acre above last month's projection.

U.S. corn supplies for 2016/17 are projected at a record 16.9 billion bushels, up 1.5 billion from the prior year with the larger crop and small increases in beginning stocks and imports. Ending stocks for 2015/16 are raised 5 million bushels reflecting a larger import projection and offsetting usage changes. Imports are raised as the pace of organic corn imports through June has been above expectations. Corn use for ethanol production in 2015/16 is lowered 25 million bushels, based on the latest indications from the *Grain Crushings and Co-Products Production* report. An offsetting 25-million-bushel increase is made to corn exports supported by the recent robust pace of shipments and sales.

Total U.S. corn use for 2016/17 is projected 300 million bushels higher at a record 14.5 billion. Feed and residual use is raised 175 million bushels with the larger crop and lower expected prices. Exports are projected 125 million bushels higher, reflecting the relative competitiveness of U.S. corn on the world market and large new-crop outstanding sales. Corn ending stocks for 2016/17 are projected 328 million bushels higher and, if realized, would be the highest since 1987/88. The projected range for the season-average corn price received by producers is lowered 25 cents on both ends to \$2.85 to \$3.45 per bushel. This would be down 45 cents at the midpoint from the \$3.55 to \$3.65 per bushel range now expected for 2015/16. The all barley price is raised this month based on early indications of prices received by farmers for malting barley.

Foreign coarse grain supplies for 2016/17 are projected 5.1 million tons higher this month with a 2.3-million-ton increase in beginning stocks and a 3.0-million-ton increase in production. Foreign corn carryin is up, mostly reflecting lower 2015/16 corn feeding in Indonesia, Canada, and Ukraine as 2015/16 corn production increases for the EU and South Africa offset a further reduction for Brazil. Foreign corn production for 2016/17 is raised 2.1 million tons with increases for Argentina, India, and Mexico more than offsetting reductions for the EU and Canada. Corn area is raised in Argentina on an expected reduction in planted area for wheat and small grains. For India, corn area is increased as favorable rainfall has boosted plantings to date as reported in the latest government statistics. Abundant summer rainfall in Mexico boosts corn yield prospects, but persistent dryness in Ontario reduces the outlook for production in Canada. EU corn production is lowered mostly on reductions for Spain and France.

Global coarse grain consumption for 2016/17 is raised 8.9 million tons this month with higher corn use in the United States accounting for half of the increase. Outside the United States, corn feeding is raised for Mexico, India, and the EU. Partly offsetting is a 1.0-million-ton reduction in corn feeding for Indonesia, where government import licensing policy is expected to reduce corn imports. Global coarse grain trade is raised reflecting increases for corn and to a lesser extent barley. Global 2016/17 coarse grain ending stocks are projected 13.4 million tons higher reflecting larger corn and barley stocks. Global corn stocks are projected 12.4 million tons higher with the United States accounting for two-thirds of the increase.

**RICE:** Total U.S. rice supplies for 2016/17 are lowered 2.2 million cwt from last month to 307.7 million, still the highest on record. Carryin is lowered 1.5 million cwt to 39.4 million due to 2015/16 revisions. The 2016/17 U.S. rice production forecast is lowered 0.7 million cwt to a record 244.3 million based on the first survey-based yield forecast of the 2016/17 crop. At 7,659 pounds per acre, the 2016/17 yield is down 21 pounds from the previous projection. With no revisions to the use side of the 2016/17 rice balance sheet, the lower supply forecast reduces the 2016/17 U.S. ending stocks 2.2 million cwt to 54.7 million, still the highest since 1985/86. For 2015/16, total U.S. exports are raised 1.5 million cwt to 104.5 million, with long-grain accounting for all of the increase.

The only price revision for 2015/16 is a 20-cent reduction in the season-average farm price for California medium- and short-grain rice to \$18.00 per cwt. For 2016/17, the U.S. long-grain price

is lowered 50 cents on both the high and low ends of the range to \$9.50 to \$10.50 per cwt. The California 2016/17 medium- and short-grain price is lowered \$1.00 on both ends to \$14.50 to \$15.50 per cwt. The other states medium- and short-grain 2016/17 price is lowered 50 cents on both ends to \$10.00 to \$11.00 per cwt.

The 2016/17 global production forecast is lowered fractionally to 481.1 million tons (milled basis), still the highest on record. Crop forecasts for 2016/17 are lowered for Afghanistan and Bolivia but raised for Iran. For 2015/16, the Indonesia crop estimate is increased, while Vietnam is lowered. Global consumption for 2016/17 is lowered 1.8 million tons to 478.8 million, mostly due to a reduction for India. The 2016/17 global export forecast is raised slightly to 40.6 million tons, with stronger shipments from India offsetting weaker exports from Vietnam. The 2016/17 global ending stocks forecast is increased 6.5 million tons to 113.8 million, 2 percent above the previous year's revised estimate. India accounts for most of the upward revision in the global ending stocks forecasts for both 2015/16 and 2016/17.

**OILSEEDS:** U.S. oilseed production for 2016/17 is projected at 120.2 million tons, up 4.8 million from last month due to a higher soybean production forecast. Soybean production for 2016/17 is forecast at 4,060 million bushels, up 180 million due to increased yields. Harvested area is forecast at 83.0 million acres, unchanged from the July projection. The first survey-based soybean yield forecast of 48.9 bushels per acre is 2.2 bushels above last month and 0.9 bushels above last year's record. With higher production only partly offset by lower beginning stocks, soybean supplies for 2016/17 are projected at a record 4,346 million bushels. Soybean crush is raised 15 million bushels based on expected higher domestic use and exports of soybean meal. Soybean exports are raised 30 million bushels to 1,950 million. Despite higher use, soybean ending stocks are projected at 330 million bushels, up 40 million from last month.

The U.S. season-average soybean price for 2016/17 is forecast at \$8.35 to \$9.85 per bushel, down 40 cents on both ends of the range. Soybean meal prices are forecast at \$305 to \$345 per short ton, down 20 dollars at the midpoint. The soybean oil price forecast is unchanged at 29.5 to 32.5 cents per pound.

U.S. changes for 2015/16 include increased soybean crush and exports, and lower ending stocks. The soybean crush is raised 10 million bushels to 1,900 million reflecting increased domestic use and exports of soybean meal. Soybean exports are raised 85 million bushels to 1,880 million as unusually large outstanding old-crop sales are confirmed by the latest shipment data. With increased use, 2015/16 ending stocks are projected at 255 million bushels, down 95 million from last month.

Global oilseed production for 2016/17 is projected at 543.5 million tons, up 7.0 million from last month. Global soybean production is projected at a record 330.4 million tons, up 4.5 million. The U.S. production increase is partly offset by reductions for both India and Ukraine with the latest planting data for both countries indicating lower forecasts for harvested area. Rapeseed production is raised for Canada where abundant moisture and favorable temperatures in July helped to boost yield prospects. Partly offsetting is a reduction for EU rapeseed production on excessive moisture in key growing areas, particularly in France. Other changes include increased sunflowerseed production for Russia and Ukraine, increased peanut production for India and Senegal, increased cottonseed production for China, and reduced cottonseed production for India. For 2015/16, global vegetable oil trade is expected to decline 1.5 million tons from last month due to lower palm oil production in Indonesia and Malaysia.

Global oilseed supplies for 2016/17 are raised 8.1 million tons with increased production and higher beginning stocks. With larger supplies only partly offset by increased crush, 2016/17 global oilseed stocks are projected at 80.6 million tons, up 4.5 million from last month.

**SUGAR:** Sugar production for the fiscal year 2016/17 is increased 247,901 short tons, raw value (STRV) to 9.208 million resulting from new sugar crop forecasts made by NASS in the August *Crop Production* report. Beet sugar is increased 128,160 STRV based on higher sugar per acre implied by the NASS sugarbeet yield forecast although area harvested is down slightly. Cane sugar production in Florida is increased by 47,786 STRV and in Louisiana by 71,955 based on higher sugar-per-acre yields implied by NASS sugarcane yield forecasts in both States.

Beginning stocks for 2016/17 are increased by 35,012 STRV due to changes made to two import estimates for 2015/16 that flowed into the ending stock estimate. Re-export imports for 2015/16 are increased by 50,000 STRV to 350,000 based on pace to date. Partially offsetting is an increase in 2015/16 raw sugar tariff-rate quota shortfall of 14,988 STRV.

The only other change for 2016/17 is a reduction in re-export imports of 50,000 STRV to 125,000. With no change expected for 2016/17 sugar exports, deliveries for re-export sugar-containing products, or polyhydric alcohol manufacturing, the imports for re-export reduction offsets the increase made for 2015/16. Ending stocks for 2016/17 increase to 1.887 million STRV, implying a stocks-to-use of 15.4 percent.

Mexico sugar production for 2015/16 is estimated at 6.117 million metric tons (MT), a small reduction from last month based on final industry reporting. Deliveries for 2015/16 to the sugar-containing product export IMMEX program are increased by 75,283 MT to 330,000 based on increases in the pace of deliveries to the program by domestic producers. Deliveries to IMMEX in 2016/17 are expected to match the level in 2015/16, thereby resulting in an increase of 75,283 MT as well.

**LIVESTOCK, POULTRY, AND DAIRY:** The forecast for total red meat and poultry production for 2016 is reduced from last month as increased beef and turkey production is more than offset by lower forecast pork and broiler production. Beef production is forecast higher on higher expected third quarter steer and heifer slaughter. However, second quarter production is adjusted lower to reflect June production data. Pork production for 2016 is lowered on expectations of slightly lighter carcass weights for the remainder of the year. Broiler production is lowered on slower expected growth in the fourth quarter. Turkey production is raised for 2016, largely on June production data. Production forecasts for 2017 red meat and poultry are raised as lower forecast feed prices are expected to encourage increased production. Table egg production is raised for 2016 on June production data; the 2017 forecast is unchanged.

The beef import forecasts for 2016 and 2017 are raised in part due to expectations of increased imports from Brazil beginning in the later part of 2016. Beef exports for 2016 are lowered based on June trade data; no change is made to the 2017 forecast. Small adjustments are made to pork trade based on June data; no change is made to the forecasts. Broiler exports for 2016 are lowered due to a slower pace of exports in June; no change is made to 2017. No change is made to turkey exports.

Cattle, hog, and broiler prices for second-half 2016 are reduced from last month on weakness in current prices. Prices for cattle, hogs and broilers for 2017 are reduced from last month as production is forecast higher; however, the annual price range for cattle is unchanged. Turkey

prices are raised for the third quarter of 2016 but are unchanged for 2017. Egg prices are lowered for 2016 and 2017.

The milk production forecast for 2016 is lowered from last month as growth in milk per cow is reduced. However, the production forecast for 2017 is raised as higher forecast milk prices and lower feed costs in late 2016 and 2017 are expected to lead to a modest expansion in the cow inventory and more rapid growth in milk per cow. Fat basis exports are raised for 2016 on continued strength in 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 sales of WMP and whey products. Imports are raised for 2016 and 2017 as imports of fat-containing products has increased. Fat basis stocks are forecast higher as stocks of butter remain high, but on a skim-solids basis, stocks are reduced.

Cheese, nonfat dry milk (NDM) and whey prices for 2016 are forecast higher as demand remains firm, but the forecast for butter price is reduced as stocks remain larger than expected. The Class III price is raised, reflecting higher cheese and whey prices, but the Class IV price is lowered as the lower butter price more than offsets the higher NDM price. For 2017, prices of cheese, butter, and whey are increased, but NDM is unchanged from last month. The Class III and Class IV price forecasts are raised on the stronger component prices. The all milk prices are forecast higher at \$16.25 to \$16.45 per cwt for 2016 and \$16.15 to \$17.15 per cwt for 2017.

**COTTON:** The 2016/17 U.S. cotton supply and demand estimates include marginally higher production and ending stocks, with the farm price projected 7 percent above last month. Production is forecast at 15.9 million bales based on NASS's first survey of the 2016 crop. Domestic mill use and exports are unchanged from last month, raising ending stocks to 4.7 million bales, equivalent to 31 percent of total use. The marketing year average price received by producers is projected to range from 57 to 69 cents per pound. The midpoint of 63 cents per pound is raised 4 cents from last month's estimate based on recent price activity and tighter global cotton supplies.

Projected world 2016/17 cotton ending stocks are down 2 percent this month, due to combination of lower beginning stocks and production. Beginning stocks are reduced by 1.1 million bales, due mainly to revisions in China, India, and Australia. Production is reduced for China, India, Mexico, and Argentina, partially offset by an increase for Brazil. Global consumption and imports are estimated marginally lower, mainly reflecting reductions in Vietnam and Pakistan. Exports are reduced for Brazil. World ending stocks are lowered 1.7 million bales to 89.6 million. Stocks outside of the United States and China are projected at 36 percent of total use, similar to the estimated 2015/16 ratio.

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**In 2016, the WASDE report will be released on 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>			<b>Output</b>	<b>Total Supply</b>	<b>Trade 2/</b>	<b>Total Use 3/</b>	<b>Ending Stocks</b>
Total Grains 4/	2014/15		2511.88	3031.15	393.72	2455.68	575.47
	2015/16 (Est.)		2453.78	3029.25	375.05	2431.10	598.15
	2016/17 (Proj.)	Jul	2522.15	3115.98	381.36	2512.88	603.10
		Aug	2547.09	3145.24	388.34	2523.14	622.10
Wheat	2014/15		727.87	921.71	164.42	705.63	216.09
	2015/16 (Est.)		734.80	950.89	170.56	709.01	241.88
	2016/17 (Proj.)	Jul	738.51	983.04	168.43	729.34	253.70
		Aug	743.44	985.32	170.70	732.50	252.82
Coarse Grains 5/	2014/15		1305.30	1516.97	185.66	1271.87	245.09
	2015/16 (Est.)		1248.16	1493.25	163.30	1248.49	244.76
	2016/17 (Proj.)	Jul	1302.40	1545.02	172.40	1302.92	242.10
		Aug	1322.56	1567.33	176.99	1311.82	255.51
Rice, milled	2014/15		478.70	592.47	43.64	478.18	114.29
	2015/16 (Est.)		470.82	585.11	41.19	473.60	111.51
	2016/17 (Proj.)	Jul	481.23	587.93	40.53	480.63	107.30
		Aug	481.08	592.59	40.65	478.83	113.77
<b>United States</b>							
Total Grains 4/	2014/15		439.49	499.23	83.28	346.98	68.98
	2015/16 (Est.)		428.85	505.54	82.34	347.95	75.24
	2016/17 (Proj.)	Jul	454.72	537.51	86.85	361.98	88.68
		Aug	473.44	556.18	91.47	367.63	97.08
Wheat	2014/15		55.15	75.33	23.52	31.33	20.48
	2015/16 (Est.)		55.84	79.39	21.09	31.59	26.71
	2016/17 (Proj.)	Jul	61.53	91.51	25.17	36.25	30.08
		Aug	63.16	92.99	25.86	37.20	29.93
Coarse Grains 5/	2014/15		377.23	414.99	56.70	311.34	46.95
	2015/16 (Est.)		366.90	417.73	57.93	312.51	47.29
	2016/17 (Proj.)	Jul	385.40	436.16	58.02	321.35	56.79
		Aug	402.53	453.42	61.96	326.04	65.41
Rice, milled	2014/15		7.11	8.91	3.06	4.30	1.55
	2015/16 (Est.)		6.11	8.42	3.32	3.85	1.25
	2016/17 (Proj.)	Jul	7.78	9.84	3.65	4.38	1.81
		Aug	7.76	9.77	3.65	4.38	1.74

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	2,072.39	2,531.92	310.44	2,108.70	506.49	
	2015/16 (Est.)	2,024.93	2,523.71	292.71	2,083.14	522.91	
	2016/17 (Proj.)	Jul	2,067.43	2,578.48	294.51	2,150.90	514.42
		Aug	2,073.65	2,589.06	296.87	2,155.51	525.02
Wheat	2014/15	672.73	846.38	140.90	674.29	195.61	
	2015/16 (Est.)	678.96	871.50	149.47	677.42	215.18	
	2016/17 (Proj.)	Jul	676.98	891.53	143.25	693.08	223.62
		Aug	680.29	892.33	144.85	695.30	222.89
Coarse Grains 5/	2014/15	928.07	1,101.98	128.96	960.53	198.15	
	2015/16 (Est.)	881.26	1,075.53	105.37	935.98	197.47	
	2016/17 (Proj.)	Jul	917.00	1,108.85	114.38	981.57	185.30
		Aug	920.04	1,113.91	115.03	985.77	190.10
Rice, milled	2014/15	471.60	583.55	40.58	473.88	112.74	
	2015/16 (Est.)	464.71	576.69	37.87	469.75	110.26	
	2016/17 (Proj.)	Jul	473.45	578.09	36.88	476.25	105.50
		Aug	473.33	582.82	37.00	474.45	112.03

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	119.10	222.33	35.42	110.13	112.41	
	2015/16 (Est.)	96.93	209.33	34.94	110.19	99.18	
	2016/17 (Proj.)	Jul	102.55	202.82	34.36	111.60	91.29
		Aug	101.58	200.76	34.02	111.26	89.61
United States	2014/15	16.32	18.68	11.25	3.58	3.70	
	2015/16 (Est.)	12.89	16.62	9.20	3.50	3.90	
	2016/17 (Proj.)	Jul	15.80	19.71	11.50	3.60	4.60
		Aug	15.88	19.79	11.50	3.60	4.70
Foreign 4/	2014/15	102.78	203.65	24.18	106.56	108.71	
	2015/16 (Est.)	84.04	192.71	25.74	106.69	95.28	
	2016/17 (Proj.)	Jul	86.75	183.11	22.86	108.00	86.69
		Aug	85.70	180.97	22.52	107.66	84.91

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.

## WASDE - 556 - 10

**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		536.81	614.64	146.95	439.31	93.08	
	2015/16 (Est.)		519.10	612.18	153.48	450.27	83.64	
	2016/17 (Proj.)	Jul	536.44	619.05	156.56	462.34	76.06	
		Aug	543.46	627.11	158.56	464.72	80.49	
	Oilmeals	2014/15		299.54	313.58	85.40	294.46	15.31
		2015/16 (Est.)		308.85	324.16	89.44	306.11	14.03
		2016/17 (Proj.)	Jul	318.00	332.87	93.24	316.25	13.93
			Aug	319.37	333.39	93.44	316.26	13.10
Vegetable Oils	2014/15		177.21	200.15	76.60	171.92	22.41	
	2015/16 (Est.)		177.90	200.31	75.84	178.44	19.55	
	2016/17 (Proj.)	Jul	186.17	205.90	78.87	184.21	18.34	
		Aug	186.92	206.47	78.88	184.43	18.13	
<b>United States</b>								
Oilseeds	2014/15		116.03	121.83	51.12	55.10	6.76	
	2015/16 (Est.)		116.05	123.97	52.24	55.46	9.12	
	2016/17 (Proj.)	Jul	115.38	128.04	53.29	56.57	9.86	
		Aug	120.21	130.71	54.19	57.08	11.10	
Oilmeals	2014/15		43.27	47.43	12.15	35.00	0.29	
	2015/16 (Est.)		42.98	47.39	11.04	36.02	0.34	
	2016/17 (Proj.)	Jul	43.87	48.50	11.38	36.79	0.34	
		Aug	44.32	48.66	11.49	36.84	0.34	
Vegetable Oils	2014/15		10.94	16.13	1.17	13.75	1.21	
	2015/16 (Est.)		11.21	16.84	1.30	14.24	1.30	
	2016/17 (Proj.)	Jul	11.36	17.25	1.35	14.67	1.23	
		Aug	11.47	17.20	1.35	14.70	1.15	
<b>Foreign 3/</b>								
Oilseeds	2014/15		420.79	492.81	95.84	384.21	86.33	
	2015/16 (Est.)		403.05	488.21	101.24	394.82	74.52	
	2016/17 (Proj.)	Jul	421.06	491.01	103.27	405.78	66.20	
		Aug	423.26	496.39	104.37	407.63	69.39	
Oilmeals	2014/15		256.27	266.14	73.25	259.47	15.02	
	2015/16 (Est.)		265.87	276.77	78.40	270.09	13.69	
	2016/17 (Proj.)	Jul	274.13	284.37	81.86	279.46	13.60	
		Aug	275.05	284.73	81.95	279.42	12.77	
Vegetable Oils	2014/15		166.27	184.02	75.42	158.17	21.20	
	2015/16 (Est.)		166.70	183.47	74.54	164.20	18.25	
	2016/17 (Proj.)	Jul	174.81	188.65	77.52	169.53	17.11	
		Aug	175.45	189.27	77.54	169.73	16.98	

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 - 556 - 11

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

	2014/15	2015/16 Est.	2016/17 Proj. Jul	2016/17 Proj. Aug
			<i>Million Acres</i>	
Area Planted	56.8	54.6	50.8	50.8
Area Harvested	46.4	47.1	44.1	44.1
			<i>Bushels</i>	
Yield per Harvested Acre	43.7	43.6	51.3	52.6
			<i>Million Bushels</i>	
Beginning Stocks	590	752	981	981
Production	2,026	2,052	2,261	2,321
Imports	151	113	120	115
Supply, Total	2,768	2,917	3,362	3,417
Food	958	957	963	968
Seed	79	68	69	69
Feed and Residual	114	135	300	330
Domestic, Total	1,151	1,161	1,332	1,367
Exports	864	775	925	950
Use, Total	2,015	1,936	2,257	2,317
Ending Stocks	752	981	1,105	1,100
Avg. Farm Price (\$/bu) 2/	5.99	4.89	3.40 - 4.20	3.35 - 4.05

## 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 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	825	531	292	142	2,917
	Domestic Use	455	295	255	72	85	1,161
	Exports	226	252	120	147	29	775
	Use, Total	681	547	375	219	114	1,936
	Ending Stocks, Total	446	278	157	74	28	981
2016/17 (Proj.)	Beginning Stocks	446	278	157	74	28	981
	Production	1,048	531	372	278	92	2,321
	Supply, Total 3/	1,499	850	554	360	155	3,417
	Domestic Use	581	322	274	102	88	1,367
	Exports	340	290	125	155	40	950
	Use, Total	921	612	399	257	128	2,317
	Ending Stocks, Total	578	238	155	103	27	1,100
		Aug					
		Jul					
		578	254	152	89	33	1,105

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.



## WASDE - 556 - 13

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

	2014/15	2015/16 Est.	2016/17 Proj. Jul	2016/17 Proj. Aug
<b>SORGHUM</b>				
	<i>Million Bushels</i>			
Area Planted (mil. acres)	7.1	8.5	7.2 *	7.2
Area Harvested (mil. acres)	6.4	7.9	6.5 *	6.5
Yield (bushels/acre)	67.6	76.0	65.1 *	73.5
Beginning Stocks	34	18	45	35
Production	433	597	420	475
Imports	0	5	1	1
Supply, Total	467	620	466	511
Feed and Residual	82	100	100	90
Food, Seed & Industrial	15	140	100	120
Total Domestic	97	240	200	210
Exports	352	345	220	250
Use, Total	449	585	420	460
Ending Stocks	18	35	46	51
Avg. Farm Price (\$/bu) 2/	4.03	3.25 - 3.35	2.85 - 3.45	2.70 - 3.30
<b>BARLEY</b>				
Area Planted (mil. acres)	3.0	3.6	3.0 *	3.0
Area Harvested (mil. acres)	2.5	3.1	2.6 *	2.6
Yield (bushels/acre)	72.7	68.9	70.9 *	73.6
Beginning Stocks	82	79	102	102
Production	182	214	183	190
Imports	24	19	20	20
Supply, Total	287	311	305	312
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	87	94
Avg. Farm Price (\$/bu) 2/	5.30	5.52	4.30 - 5.10	4.55 - 5.35
<b>OATS</b>				
Area Planted (mil. acres)	2.8	3.1	3.0 *	3.0
Area Harvested (mil. acres)	1.0	1.3	1.2 *	1.2
Yield (bushels/acre)	67.9	70.2	65.8 *	66.0
Beginning Stocks	25	54	57	57
Production	70	90	77	77
Imports	109	86	95	95
Supply, Total	204	229	228	229
Feed and Residual	71	93	90	90
Food, Seed & Industrial	77	77	78	78
Total Domestic	148	170	168	168
Exports	2	2	2	2
Use, Total	150	172	170	170
Ending Stocks	54	57	58	59
Avg. Farm Price (\$/bu) 2/	3.21	2.12	1.75 - 2.15	1.60 - 2.00

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 July--Sorghum planted and harvested area as reported in the June 30, 2016, "Acreage." Sorghum yield 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 - 556 - 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.
			Jul	Aug
		<i>Million Acres</i>		
Area Planted	2.95	2.61	3.21 *	3.21
Area Harvested	2.93	2.58	3.19 *	3.19
		<i>Pounds</i>		
Yield per Harvested Acre	7,576	7,470	7,680 *	7,659
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	31.8	48.5	40.9	39.4
Production	222.2	192.3	245.0	244.3
Imports	24.7	24.0	24.0	24.0
Supply, Total	278.7	264.9	309.9	307.7
Domestic & Residual 3/	134.5	121.0	138.0	138.0
Exports, Total 4/	95.7	104.5	115.0	115.0
Rough	31.8	36.7	37.0	37.0
Milled (rough equiv.)	63.9	67.8	78.0	78.0
Use, Total	230.2	225.5	253.0	253.0
Ending Stocks	48.5	39.4	56.9	54.7
Avg. Milling Yield (%) 5/	70.50	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	13.40	12.30	11.20 - 12.20	10.40 - 11.40

**LONG-GRAIN RICE**

Harvested Acres (mil.)	2.20	1.84		
Yield (pounds/acre)	7,407	7,218		
Beginning Stocks	16.2	26.5	21.0	19.5
Production	162.7	133.0	183.0	182.7
Supply, Total 7/	200.7	180.2	224.5	222.7
Domestic & Residual 3/	106.2	88.0	105.0	105.0
Exports 8/	68.0	72.7	81.0	81.0
Use, Total	174.2	160.7	186.0	186.0
Ending Stocks	26.5	19.5	38.5	36.7
Avg. Farm Price (\$/cwt) 6/	11.90	11.00	10.00 - 11.00	9.50 - 10.50

**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	62.0	61.6
Supply, Total 7/	76.1	82.8	83.5	83.1
Domestic & Residual 3/	28.3	33.0	33.0	33.0
Exports 8/	27.7	31.8	34.0	34.0
Use, Total	56.0	64.8	67.0	67.0
Ending Stocks	20.2	18.0	16.5	16.1
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.30	15.40	14.00 - 15.00	13.10 - 14.10
California 10/	21.60	18.00	15.50 - 16.50	14.50 - 15.50
Other States 1/	14.40	11.30	10.50 - 11.50	10.00 - 11.00

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 July-- Planted and harvested area reported in June 30 "Acreage" report. Projected yield is based on linear trend analysis by rice class for the period 1990/91 to 2015/16.

## WASDE - 556 - 15

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

SOYBEANS	2014/15	2015/16 Est.	2016/17 Proj. Jul	2016/17 Proj. Aug
		<i>Million Acres</i>		
Area Planted	83.3	82.7	83.7 *	83.7
Area Harvested	82.6	81.8	83.0 *	83.0
		<i>Bushels</i>		
Yield per Harvested Acre	47.5	48.0	46.7 *	48.9
		<i>Million Bushels</i>		
Beginning Stocks	92	191	350	255
Production	3,927	3,929	3,880	4,060
Imports	33	25	30	30
Supply, Total	4,052	4,145	4,260	4,346
Crushings	1,873	1,900	1,925	1,940
Exports	1,842	1,880	1,920	1,950
Seed	96	97	95	95
Residual	50	12	30	31
Use, Total	3,862	3,889	3,970	4,016
Ending Stocks	191	255	290	330
Avg. Farm Price (\$/bu) 2/	10.10	8.95	8.75 - 10.25	8.35 - 9.85
<b>SOYBEAN OIL</b>				
		<i>Million Pounds</i>		
Beginning Stocks	1,165	1,855	2,275	1,950
Production 4/	21,399	22,095	22,235	22,405
Imports	264	300	250	250
Supply, Total	22,828	24,250	24,760	24,605
Domestic Disappearance	18,959	19,900	20,450	20,450
Biodiesel 3/	5,037	5,500	5,950	5,950
Food, Feed & other Industrial	13,922	14,400	14,500	14,500
Exports	2,014	2,400	2,400	2,400
Use, Total	20,973	22,300	22,850	22,850
Ending stocks	1,855	1,950	1,910	1,755
Avg. Price (c/lb) 2/	31.60	29.50	29.50 - 32.50	29.50 - 32.50
<b>SOYBEAN MEAL</b>				
		<i>Thousand Short Tons</i>		
Beginning Stocks	250	260	300	300
Production 4/	45,062	44,915	45,675	46,075
Imports	333	425	325	325
Supply, Total	45,645	45,600	46,300	46,700
Domestic Disappearance	32,277	33,500	33,800	34,100
Exports	13,108	11,800	12,200	12,300
Use, Total	45,384	45,300	46,000	46,400
Ending Stocks	260	300	300	300
Avg. Price (\$/s.t.) 2/	368.49	325.00	325.00 - 365.00	305.00 - 345.00

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 1,900 million bushels for 2015/16 and 1,940 million bushels for 2016/17. \*Planted and harvested acres are from the June 30, 2016 Acreage report. The projected yield is based on a weather-adjusted trend model.

## WASDE - 556 - 16

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

	2014/15	2015/16 Est.	2016/17 Proj. Jul	2016/17 Proj. Aug
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,810	1,815	1,886	1,921
Production 2/	8,656	8,925	8,961	9,208
Beet Sugar	4,893	5,049	5,192	5,320
Cane Sugar	3,763	3,877	3,769	3,889
Florida	1,981	2,173	1,990	2,038
Hawaii	146	165	40	40
Louisiana	1,513	1,423	1,604	1,676
Texas	123	116	135	135
Imports	3,553	3,410	3,068	3,018
TRQ 3/	1,536	1,686	1,507	1,507
Other Program 4/	471	350	175	125
Other 5/	1,546	1,374	1,386	1,386
Mexico	1,532	1,359	1,371	1,371
Total Supply	14,019	14,151	13,914	14,147
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	1,921	1,654	1,887
Stocks to Use Ratio	14.9	15.7	13.5	15.4

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 (90) 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.						
	Jul	811	6,119	70	4,685	1,213	1,101
	Aug	811	6,117	70	4,761	1,213	1,024
2016/17 Proj.	Jul	1,101	6,100	10	4,753	1,183	1,275
	Aug	1,024	6,100	10	4,828	1,183	1,123

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): Oct-Sep 2014/15 = 1,444; Oct-July 14/15 = 1,205, Oct-July 2015/16 = 1,213 . 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 (330 est), 2016/17 (330 proj). Statistical Adjustment: 2014/15 (-54), 2015/16 (0), 2016/17 (0).



## WASDE - 556 - 17

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

	2014/15	2015/16 Est.	2016/17 Proj. Jul	2016/17 Proj. Aug
Area				
		<i>Million Acres</i>		
Planted	11.04	8.58	10.02 **	10.02
Harvested	9.35	8.07	9.30 **	9.53
		<i>Pounds</i>		
Yield per Harvested Acre	838	766	815 **	800
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	2.35	3.70	3.90	3.90
Production	16.32	12.89	15.80	15.88
Imports	0.01	0.04	0.01	0.01
Supply, Total	18.68	16.62	19.71	19.79
Domestic Use	3.58	3.50	3.60	3.60
Exports, Total	11.25	9.20	11.50	11.50
Use, Total	14.82	12.70	15.10	15.10
Unaccounted 2/	0.16	0.02	0.01	-0.01
Ending Stocks	3.70	3.90	4.60	4.70
Avg. Farm Price 3/	61.3	58.0	52.00 - 66.00	57.00 - 69.00

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 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 - 556 - 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/	193.84	727.87	159.10	131.64	705.63	164.42	216.09
United States	16.07	55.15	4.12	3.11	31.33	23.52	20.48
Total Foreign	177.77	672.73	154.98	128.53	674.29	140.90	195.61
Major Exporters 4/	27.39	224.18	6.66	62.85	147.33	81.47	29.43
Argentina	2.49	13.93	0.04	0.30	6.35	5.30	4.80
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	156.92	5.98	55.00	124.70	35.42	12.72
Major Importers 6/	99.95	197.40	84.96	29.88	262.21	7.64	112.47
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/	12.19	17.66	21.27	4.45	36.10	1.52	13.51
N. Africa 8/	13.51	17.01	25.43	2.48	42.65	0.61	12.69
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	15.62	112.74	7.68	24.65	75.86	40.21	19.97
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/	216.09	734.80	169.11	135.74	709.01	170.56	241.88
United States	20.48	55.84	3.07	3.67	31.59	21.09	26.71
Total Foreign	195.61	678.96	166.04	132.07	677.42	149.47	215.18
Major Exporters 4/	29.43	223.41	7.34	67.30	151.88	80.90	27.41
Argentina	4.80	11.30	0.01	0.10	6.15	9.10	0.86
Australia	4.84	24.50	0.15	3.80	7.23	16.00	6.26
Canada	7.08	27.60	0.49	3.40	8.60	22.00	4.56
European Union 5/	12.72	160.01	6.70	60.00	129.90	33.80	15.73
Major Importers 6/	112.47	204.29	91.39	26.91	262.51	6.24	139.40
Brazil	0.87	5.54	6.00	0.50	10.20	1.10	1.11
China	76.11	130.19	3.48	10.50	112.00	0.73	97.04
Sel. Mideast 7/	13.51	18.80	19.13	4.60	37.26	0.55	13.63
N. Africa 8/	12.69	19.91	28.05	2.28	43.63	0.70	16.32
Pakistan	3.72	25.10	0.03	0.80	24.40	0.60	3.85
Southeast Asia 9/	3.82	0.00	24.20	7.34	21.63	1.01	5.39
Selected Other							
India	17.20	86.53	0.47	4.20	88.64	1.06	14.50
FSU-12	19.97	117.72	7.55	25.70	77.91	51.21	16.13
Russia	6.29	61.04	0.80	14.00	37.00	25.50	5.63
Kazakhstan	3.25	13.75	0.08	2.10	6.90	7.60	2.57
Ukraine	5.18	27.27	0.05	4.50	12.50	17.20	2.80

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, 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 - 556 - 19

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

2016/17 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jul	244.52	738.51	164.20	144.42	729.34	168.43	253.70
	Aug	241.88	743.44	166.66	146.54	732.50	170.70	252.82
United States	Jul	26.71	61.53	3.27	8.17	36.25	25.17	30.08
	Aug	26.71	63.16	3.13	8.98	37.20	25.86	29.93
Total Foreign	Jul	217.82	676.98	160.93	136.25	693.09	143.25	223.62
	Aug	215.18	680.29	163.53	137.56	695.30	144.85	222.89
Major Exporters 4/	Jul	30.38	226.00	6.14	66.70	151.86	81.00	29.66
	Aug	27.41	218.40	6.64	66.70	151.86	75.00	25.59
Argentina	Jul	1.23	15.00	0.01	0.10	6.30	9.00	0.93
	Aug	0.86	14.40	0.01	0.10	6.30	8.00	0.96
Australia	Jul	5.86	25.50	0.15	4.00	7.46	17.50	6.55
	Aug	6.26	26.50	0.15	4.00	7.46	18.50	6.95
Canada	Jul	4.56	29.00	0.49	3.60	8.80	20.50	4.75
	Aug	4.56	30.00	0.49	3.60	8.80	21.50	4.75
European Union 5/	Jul	18.73	156.50	5.50	59.00	129.30	34.00	17.43
	Aug	15.73	147.50	6.00	59.00	129.30	27.00	12.93
Major Importers 6/	Jul	138.31	199.01	86.43	30.29	268.69	6.41	148.65
	Aug	139.40	199.01	87.45	30.62	269.58	6.44	149.84
Brazil	Jul	1.11	5.30	6.00	0.30	10.10	1.00	1.31
	Aug	1.11	5.30	6.00	0.30	10.10	1.00	1.31
China	Jul	96.80	130.00	3.50	15.00	117.00	0.80	112.50
	Aug	97.04	130.00	3.50	15.00	117.00	0.80	112.74
Sel. Mideast 7/	Jul	13.47	19.41	16.98	4.60	38.02	0.54	11.31
	Aug	13.63	19.41	17.18	4.61	38.30	0.55	11.37
N. Africa 8/	Jul	16.07	14.20	27.90	1.78	44.00	0.84	13.33
	Aug	16.32	14.20	28.45	1.78	44.25	0.84	13.88
Pakistan	Jul	3.85	25.30	0.03	0.80	24.50	0.70	3.97
	Aug	3.85	25.30	0.03	0.80	24.50	0.70	3.97
Southeast Asia 9/	Jul	5.09	0.00	22.03	6.82	21.50	0.96	4.66
	Aug	5.39	0.00	22.30	7.14	21.86	0.99	4.85
Selected Other								
India	Jul	14.50	88.00	2.00	4.50	93.10	0.40	11.00
	Aug	14.50	88.00	2.00	4.50	93.10	0.40	11.00
FSU-12	Jul	17.05	118.93	7.27	26.30	78.79	45.63	18.83
	Aug	16.13	129.93	7.30	27.30	79.82	53.14	20.40
Russia	Jul	6.13	65.00	0.50	14.50	37.50	25.50	8.63
	Aug	5.63	72.00	0.50	15.50	38.50	30.00	9.63
Kazakhstan	Jul	2.67	13.00	0.06	2.10	6.90	7.00	1.83
	Aug	2.57	15.00	0.06	2.10	6.90	8.00	2.73
Ukraine	Jul	3.00	25.00	0.05	4.50	12.50	12.50	3.05
	Aug	2.80	27.00	0.05	4.50	12.50	14.50	2.85

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 - 556 - 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/	211.66	1,305.30	169.85	752.73	1,271.87	185.66	245.09
United States	34.31	377.23	3.44	139.49	311.34	56.70	46.95
Total Foreign	177.35	928.07	166.41	613.24	960.53	128.96	198.15
Major Exporters 4/	25.53	169.11	4.66	82.63	112.79	67.50	19.01
Argentina	3.17	35.73	0.00	9.07	14.23	21.39	3.29
Australia	1.03	12.61	0.00	3.26	4.94	7.17	1.53
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	257.97	109.70	264.52	346.46	15.95	49.67
European Union 6/	15.57	170.86	8.97	121.38	162.56	13.99	18.85
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/	245.09	1,248.16	176.45	762.08	1,248.49	163.30	244.76
United States	46.95	366.90	3.88	137.47	312.51	57.93	47.29
Total Foreign	198.15	881.26	172.57	624.61	935.98	105.37	197.47
Major Exporters 4/	19.01	153.16	7.87	82.56	112.05	51.68	16.31
Argentina	3.29	36.91	0.01	9.27	14.33	22.11	3.76
Australia	1.53	12.44	0.00	3.86	5.54	6.83	1.60
Brazil	8.21	70.68	2.96	49.33	58.65	17.54	5.66
Canada	3.34	25.66	1.16	14.28	21.79	4.50	3.87
Major Importers 5/	49.67	245.84	119.53	269.29	351.14	14.62	49.27
European Union 6/	18.85	152.41	13.70	116.47	157.20	12.70	15.05
Japan	1.71	0.18	16.95	13.26	17.25	0.00	1.59
Mexico	4.86	31.39	14.48	25.72	43.52	1.00	6.21
N. Afr & Mideast 7/	14.71	33.77	31.70	56.06	64.27	0.27	15.64
Saudi Arabia	3.50	0.24	13.61	12.95	13.35	0.00	4.00
Southeast Asia 8/	3.90	27.59	14.32	32.66	40.67	0.66	4.48
South Korea	1.89	0.19	10.39	8.14	10.57	0.00	1.90
Selected Other							
China	102.02	231.78	17.51	167.34	239.39	0.05	111.88
FSU-12	7.44	82.76	0.70	40.25	55.29	30.89	4.71
Russia	2.43	37.43	0.11	20.45	29.84	8.77	1.36
Ukraine	3.29	33.39	0.06	10.35	13.83	20.99	1.92

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 - 556 - 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/	Jul	242.62	1,302.40	163.90	784.66	1,302.92	172.40	242.10
	Aug	244.76	1,322.56	166.16	790.47	1,311.82	176.99	255.51
United States	Jul	47.41	385.40	3.34	145.18	321.35	58.02	56.79
	Aug	47.29	402.53	3.60	149.37	326.04	61.96	65.41
Total Foreign	Jul	195.20	917.00	160.55	639.48	981.57	114.38	185.30
	Aug	197.47	920.04	162.56	641.10	985.77	115.03	190.10
Major Exporters 4/	Jul	15.25	175.91	2.70	85.32	116.34	60.89	16.64
	Aug	16.31	177.99	3.25	85.92	116.98	61.49	19.08
Argentina	Jul	3.06	41.89	0.01	9.78	15.44	26.21	3.31
	Aug	3.76	43.49	0.01	9.98	15.64	26.71	4.91
Australia	Jul	1.50	13.16	0.00	3.87	5.54	7.38	1.74
	Aug	1.60	13.66	0.00	4.17	5.84	7.48	1.94
Brazil	Jul	5.62	82.96	1.00	51.44	61.24	22.03	6.31
	Aug	5.66	82.96	1.00	51.44	61.27	22.03	6.32
Canada	Jul	4.11	24.32	1.07	14.52	22.13	3.75	3.61
	Aug	3.87	24.32	1.59	14.62	22.25	3.75	3.78
Major Importers 5/	Jul	47.67	248.68	117.66	275.71	357.48	13.51	43.02
	Aug	49.27	245.93	118.69	275.51	357.48	12.01	44.40
European Union 6/	Jul	14.27	159.86	11.36	119.55	160.30	11.86	13.34
	Aug	15.05	156.81	12.53	119.50	160.45	10.36	13.59
Japan	Jul	1.59	0.17	16.90	13.22	17.21	0.00	1.45
	Aug	1.59	0.17	16.90	13.22	17.21	0.00	1.45
Mexico	Jul	5.91	31.93	13.98	27.02	44.92	0.80	6.09
	Aug	6.21	32.23	14.48	27.72	45.62	0.80	6.49
N. Afr & Mideast 7/	Jul	15.59	27.34	33.32	55.46	63.42	0.17	12.66
	Aug	15.64	27.34	33.37	55.51	63.47	0.17	12.71
Saudi Arabia	Jul	4.00	0.24	13.71	13.73	14.13	0.00	3.82
	Aug	4.00	0.24	13.71	13.73	14.13	0.00	3.82
Southeast Asia 8/	Jul	4.05	28.86	14.12	34.91	42.92	0.69	3.43
	Aug	4.48	28.86	13.32	33.91	41.92	0.69	4.06
South Korea	Jul	1.90	0.21	10.09	7.84	10.32	0.00	1.88
	Aug	1.90	0.21	10.09	7.84	10.32	0.00	1.88
Selected Other								
China	Jul	111.83	225.70	12.20	169.90	245.15	0.03	104.55
	Aug	111.88	225.70	12.70	170.40	245.65	0.03	104.60
FSU-12	Jul	4.78	88.03	0.71	41.80	57.18	31.19	5.16
	Aug	4.71	90.28	0.71	42.00	57.40	32.54	5.76
Russia	Jul	1.36	39.38	0.11	21.13	30.78	8.61	1.45
	Aug	1.36	40.50	0.11	21.20	30.85	9.36	1.75
Ukraine	Jul	1.99	36.23	0.06	11.05	14.53	21.33	2.41
	Aug	1.92	37.05	0.06	11.17	14.68	21.73	2.62

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 - 556 - 22

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

2014/15	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	175.30	1,013.62	124.90	585.57	980.66	141.74	208.26
United States	31.29	361.09	0.80	134.98	301.79	47.42	43.97
Total Foreign	144.01	652.53	124.10	450.59	678.87	94.32	164.29
Major Exporters 4/	17.58	124.33	2.30	60.15	78.00	54.06	12.15
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	1.96	6.15	11.70	0.69	2.40
Major Importers 5/	19.40	134.24	69.18	142.14	193.71	5.88	23.24
Egypt	2.40	5.96	7.84	11.50	13.90	0.00	2.30
European Union 6/	6.89	75.84	8.65	59.50	77.88	4.03	9.47
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/	208.26	959.73	135.55	597.01	958.64	119.69	209.34
United States	43.97	345.49	1.65	132.09	298.89	48.90	43.33
Total Foreign	164.29	614.24	133.90	464.92	659.75	70.79	166.02
Major Exporters 4/	12.15	103.50	6.01	59.20	76.30	36.70	8.65
Argentina	1.91	28.00	0.01	6.00	9.30	18.50	2.11
Brazil	7.84	68.50	2.50	47.50	56.00	17.50	5.34
South Africa	2.40	7.00	3.50	5.70	11.00	0.70	1.20
Major Importers 5/	23.24	117.77	79.10	142.65	193.94	3.46	22.71
Egypt	2.30	6.00	8.50	12.35	14.75	0.01	2.04
European Union 6/	9.47	59.08	13.20	54.70	72.71	1.80	7.24
Japan	1.35	0.00	15.00	11.50	15.10	0.00	1.25
Mexico	4.12	25.00	13.50	19.40	36.20	1.00	5.42
Southeast Asia 7/	3.89	27.54	14.30	32.60	40.60	0.65	4.48
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	7.50	12.90	1.60	1.50
China	100.46	224.58	3.15	153.50	217.50	0.02	110.67
FSU-12	3.02	40.42	0.44	18.36	20.98	21.02	1.89
Ukraine	1.82	23.33	0.05	6.70	8.00	16.40	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 - 556 - 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/	Jul	206.90	1,010.74	126.55	618.51	1,009.25	133.37	208.39
	Aug	209.34	1,028.40	128.03	623.58	1,016.93	137.25	220.81
United States	Jul	43.20	369.33	1.02	139.71	308.62	52.07	52.85
	Aug	43.33	384.92	1.27	144.15	313.07	55.25	61.20
Total Foreign	Jul	163.70	641.41	125.54	478.81	700.63	81.30	155.54
	Aug	166.02	643.48	126.76	479.43	703.86	82.00	159.62
Major Exporters 4/	Jul	7.67	127.00	1.11	61.20	79.70	46.50	9.57
	Aug	8.65	129.50	1.11	61.40	79.90	47.50	11.86
Argentina	Jul	1.61	34.00	0.01	6.60	10.40	23.00	2.22
	Aug	2.11	36.50	0.01	6.80	10.60	24.00	4.02
Brazil	Jul	5.34	80.00	0.60	49.00	58.00	22.00	5.94
	Aug	5.34	80.00	0.60	49.00	58.00	22.00	5.94
South Africa	Jul	0.71	13.00	0.50	5.60	11.30	1.50	1.41
	Aug	1.20	13.00	0.50	5.60	11.30	1.50	1.90
Major Importers 5/	Jul	20.96	123.00	75.95	145.65	196.88	3.99	19.04
	Aug	22.71	121.57	76.75	145.65	197.08	3.49	20.46
Egypt	Jul	2.04	6.00	8.75	12.65	15.05	0.01	1.73
	Aug	2.04	6.00	8.75	12.65	15.05	0.01	1.73
European Union 6/	Jul	6.28	63.83	11.00	55.50	73.30	2.50	5.31
	Aug	7.24	62.10	12.00	55.70	73.70	2.00	5.64
Japan	Jul	1.25	0.00	15.00	11.50	15.10	0.00	1.15
	Aug	1.25	0.00	15.00	11.50	15.10	0.00	1.15
Mexico	Jul	5.12	24.20	13.00	19.40	36.30	0.80	5.22
	Aug	5.42	24.50	13.50	20.10	37.00	0.80	5.62
Southeast Asia 7/	Jul	4.05	28.81	14.10	34.85	42.85	0.68	3.43
	Aug	4.48	28.81	13.30	33.85	41.85	0.68	4.06
South Korea	Jul	1.89	0.08	10.00	7.80	10.10	0.00	1.86
	Aug	1.89	0.08	10.00	7.80	10.10	0.00	1.86
Selected Other								
Canada	Jul	1.60	12.50	1.00	7.90	13.40	0.50	1.20
	Aug	1.50	12.00	1.50	7.80	13.30	0.50	1.20
China	Jul	110.62	218.00	1.00	159.00	226.00	0.02	103.60
	Aug	110.67	218.00	1.00	159.00	226.00	0.02	103.65
FSU-12	Jul	1.89	44.16	0.42	19.49	22.27	21.97	2.24
	Aug	1.89	44.16	0.42	19.49	22.27	21.97	2.24
Ukraine	Jul	0.80	26.00	0.05	7.30	8.70	17.00	1.15
	Aug	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 - 556 - 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/	113.77	478.70	41.17	478.18	43.64	114.29
United States	1.03	7.11	0.78	4.30	3.06	1.55
Total Foreign	112.74	471.60	40.38	473.88	40.58	112.74
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	13.69	77.15	1.23	10.74
Brazil	0.64	8.47	0.39	7.93	0.93	0.64
European Union 6/	1.16	1.96	1.71	3.35	0.27	1.21
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	0.01	10.50	1.74	0.75
C. Amer & Carib 8/	0.47	1.81	1.56	3.34	0.01	0.50
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	0.16	0.18	0.71	0.88	0.00	0.16
South Korea	0.90	4.24	0.47	4.20	0.00	1.41

**2015/16 Est.**

World 3/	114.29	470.82	38.82	473.60	41.19	111.51
United States	1.55	6.11	0.76	3.85	3.32	1.25
Total Foreign	112.74	464.71	38.06	469.75	37.87	110.26
Major Exporters 4/	30.80	153.50	0.72	129.47	30.20	25.36
India	17.77	103.50	0.00	94.27	9.50	17.50
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	27.50	0.40	21.80	6.40	0.96
Major Importers 5/	10.74	63.17	13.19	76.92	0.96	9.22
Brazil	0.64	7.13	0.85	7.80	0.60	0.22
European Union 6/	1.21	2.06	1.75	3.45	0.26	1.31
Indonesia	4.11	36.20	1.50	38.10	0.00	3.71
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	3.70	5.98	0.00	0.88
Selected Other						0.00
Burma	0.75	12.20	0.04	10.60	1.65	0.74
C. Amer & Carib 8/	0.50	1.63	1.78	3.38	0.02	0.50
China	57.44	145.77	4.80	144.50	0.30	63.21
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	0.16	0.16	0.70	0.89	0.00	0.13
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 - 556 - 25

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

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Jul	106.70	481.23	38.19	480.63	40.53	107.30
	Aug	111.51	481.08	38.57	478.83	40.65	113.77
United States	Jul	1.30	7.78	0.76	4.38	3.65	1.81
	Aug	1.25	7.76	0.76	4.38	3.65	1.74
Total Foreign	Jul	105.40	473.45	37.42	476.25	36.88	105.50
	Aug	110.26	473.33	37.80	474.45	37.00	112.03
Major Exporters 4/	Jul	21.67	157.40	0.67	134.20	28.75	16.79
	Aug	25.36	157.40	0.67	133.20	28.85	21.38
India	Jul	13.77	105.00	0.00	98.60	8.50	11.67
	Aug	17.50	105.00	0.00	97.50	8.80	16.20
Pakistan	Jul	0.83	6.90	0.02	2.70	4.25	0.80
	Aug	0.83	6.90	0.02	2.70	4.25	0.80
Thailand	Jul	6.07	17.00	0.25	11.10	9.00	3.22
	Aug	6.07	17.00	0.25	11.10	9.00	3.22
Vietnam	Jul	1.01	28.50	0.40	21.80	7.00	1.11
	Aug	0.96	28.50	0.40	21.90	6.80	1.16
Major Importers 5/	Jul	8.74	65.78	12.05	77.12	1.21	8.24
	Aug	9.22	65.89	12.35	77.30	1.23	8.93
Brazil	Jul	0.22	8.50	0.60	7.95	0.80	0.57
	Aug	0.22	8.50	0.60	7.95	0.80	0.57
European Union 6/	Jul	1.23	2.03	1.60	3.42	0.26	1.18
	Aug	1.31	2.03	1.75	3.50	0.28	1.30
Indonesia	Jul	3.16	36.60	1.25	38.10	0.00	2.91
	Aug	3.71	36.60	1.25	38.00	0.00	3.56
Nigeria	Jul	0.65	2.70	2.00	5.10	0.00	0.25
	Aug	0.65	2.70	2.00	5.10	0.00	0.25
Philippines	Jul	1.96	12.00	1.50	13.30	0.00	2.16
	Aug	1.96	12.00	1.50	13.30	0.00	2.16
Sel. Mideast 7/	Jul	0.91	2.01	3.85	6.05	0.00	0.71
	Aug	0.88	2.11	3.70	6.00	0.00	0.69
Selected Other							
Burma	Jul	0.69	12.50	0.00	10.70	1.75	0.74
	Aug	0.74	12.50	0.00	10.70	1.75	0.79
C. Amer & Carib 8/	Jul	0.50	1.72	1.71	3.45	0.02	0.46
	Aug	0.50	1.72	1.76	3.49	0.02	0.47
China	Jul	62.41	146.50	5.00	145.00	0.30	68.61
	Aug	63.21	146.50	5.00	144.50	0.30	69.91
Egypt	Jul	0.85	4.00	0.04	3.95	0.20	0.74
	Aug	0.85	4.00	0.04	3.95	0.20	0.74
Japan	Jul	2.49	7.68	0.70	8.70	0.09	2.09
	Aug	2.49	7.68	0.70	8.70	0.09	2.09
Mexico	Jul	0.14	0.17	0.75	0.88	0.00	0.18
	Aug	0.13	0.17	0.75	0.89	0.00	0.16
South Korea	Jul	1.83	4.00	0.41	4.33	0.00	1.90
	Aug	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 - 556 - 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	119.10	35.74	110.13	35.42	0.11	112.41
United States	2.35	16.32	0.01	3.58	11.25	0.16	3.70
Total Foreign	100.88	102.78	35.73	106.56	24.18	-0.05	108.71
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	2.63	0.17	76.86
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	0.51	0.03	2.89
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	112.41	96.93	34.92	110.19	34.94	-0.06	99.18
United States	3.70	12.89	0.04	3.50	9.20	0.02	3.90
Total Foreign	108.71	84.04	34.89	106.69	25.74	-0.08	95.28
Major Exporters 4/	29.99	47.22	1.72	31.83	22.64	-0.22	24.69
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	4.76	0.00	1.44
S. Hemis 7/	11.32	10.09	0.25	4.22	7.72	-0.23	9.95
Australia	1.78	2.60	3/	0.04	2.90	-0.10	1.54
Brazil	7.53	6.10	0.09	3.20	4.31	-0.15	6.36
India	13.49	26.40	1.03	24.25	5.80	0.00	10.86
Major Importers 8/	76.86	33.97	30.78	70.65	2.05	0.14	68.78
Mexico	0.69	0.91	0.98	1.90	0.14	0.03	0.51
China	67.92	22.00	4.50	34.00	0.13	0.00	60.30
European Union 9/	0.33	1.28	0.84	0.85	1.29	0.05	0.27
Turkey	1.60	2.65	4.30	6.65	0.23	0.00	1.67
Pakistan	2.89	7.00	3.30	10.30	0.25	0.03	2.62
Indonesia	0.60	0.01	2.90	2.90	0.02	0.00	0.59
Thailand	0.22	3/	1.33	1.30	0.00	0.03	0.22
Bangladesh	1.28	0.12	5.70	5.80	0.00	0.01	1.29
Vietnam	0.70	3/	4.45	4.40	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 - 556 - 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	Jul	100.27	102.55	34.35	111.60	34.36	-0.08	91.29
	Aug	99.18	101.58	34.05	111.26	34.02	-0.10	89.61
United States	Jul	3.90	15.80	0.01	3.60	11.50	0.01	4.60
	Aug	3.90	15.88	0.01	3.60	11.50	-0.01	4.70
Total Foreign	Jul	96.37	86.75	34.34	108.00	22.86	-0.09	86.69
	Aug	95.28	85.70	34.04	107.66	22.52	-0.09	84.91
Major Exporters 4/	Jul	25.49	49.11	1.85	31.55	20.11	-0.23	25.02
	Aug	24.69	48.73	1.80	31.50	19.68	-0.23	24.26
Central Asia 5/	Jul	2.19	5.81	3/	2.48	3.59	0.00	1.94
	Aug	2.19	5.81	3/	2.48	3.59	0.00	1.94
Afr. Fr. Zone 6/	Jul	1.54	4.62	3/	0.14	4.46	0.00	1.56
	Aug	1.44	4.62	3/	0.14	4.43	0.00	1.49
S. Hemis 7/	Jul	10.33	10.82	0.37	4.27	7.61	-0.24	9.87
	Aug	9.95	10.95	0.27	4.22	7.21	-0.24	9.97
Australia	Jul	1.84	2.80	3/	0.04	2.80	-0.10	1.91
	Aug	1.54	2.80	3/	0.04	2.80	-0.10	1.61
Brazil	Jul	6.48	6.40	0.20	3.20	4.00	-0.15	6.03
	Aug	6.36	6.65	0.10	3.20	3.60	-0.15	6.46
India	Jul	11.19	27.50	0.95	24.00	4.20	0.00	11.44
	Aug	10.86	27.00	1.00	24.00	4.20	0.00	10.66
Major Importers 8/	Jul	69.19	34.73	30.23	72.11	1.87	0.14	60.02
	Aug	68.78	34.06	29.96	71.87	1.83	0.14	58.96
Mexico	Jul	0.50	0.87	1.15	1.90	0.10	0.03	0.50
	Aug	0.51	0.70	1.28	1.90	0.10	0.03	0.46
China	Jul	60.80	21.50	4.50	35.00	0.10	0.00	51.70
	Aug	60.30	21.00	4.50	35.00	0.10	0.00	50.70
European Union 9/	Jul	0.34	1.23	0.82	0.83	1.19	0.05	0.33
	Aug	0.27	1.23	0.83	0.84	1.14	0.05	0.29
Turkey	Jul	1.57	3.00	3.80	6.60	0.28	0.00	1.50
	Aug	1.67	3.00	3.80	6.60	0.28	0.00	1.60
Pakistan	Jul	2.53	8.00	2.40	10.25	0.20	0.03	2.45
	Aug	2.62	8.00	2.20	10.20	0.20	0.03	2.39
Indonesia	Jul	0.57	0.01	2.75	2.75	0.01	0.00	0.57
	Aug	0.59	0.01	2.80	2.80	0.01	0.00	0.59
Thailand	Jul	0.22	3/	1.30	1.28	0.00	0.03	0.22
	Aug	0.22	3/	1.30	1.28	0.00	0.03	0.22
Bangladesh	Jul	1.29	0.12	5.90	6.00	0.00	0.01	1.30
	Aug	1.29	0.12	5.90	6.00	0.00	0.01	1.30
Vietnam	Jul	0.75	3/	5.00	4.90	0.00	0.00	0.86
	Aug	0.75	3/	4.80	4.70	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 - 556 - 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	319.78	123.74	263.26	300.90	126.13	78.46
United States		2.50	106.88	0.90	50.98	54.96	50.14	5.19
Total Foreign		59.46	212.90	122.84	212.29	245.94	75.99	73.27
Major Exporters 3/		41.43	170.05	0.32	84.30	91.56	68.70	51.54
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	8.15	0.01	3.65	3.69	4.49	0.12
Major Importers 4/		15.22	15.39	105.49	97.91	117.17	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	13.42	13.60	15.07	0.12	0.69
Japan		0.23	0.23	3.00	2.15	3.28	0.00	0.18
Mexico		0.12	0.35	3.82	4.18	4.21	0.00	0.07
<b>2015/16 Est.</b>								
World 2/		78.46	312.67	131.88	278.65	317.20	132.80	73.00
United States		5.19	106.93	0.68	51.71	54.69	51.17	6.95
Total Foreign		73.27	205.74	131.20	226.94	262.52	81.64	66.05
Major Exporters 3/		51.54	164.00	1.06	89.28	96.74	73.60	46.26
Argentina		31.92	56.50	0.60	44.25	48.60	10.50	29.92
Brazil		19.50	96.50	0.45	40.70	43.70	56.60	16.15
Paraguay		0.12	9.00	0.01	4.10	4.14	4.80	0.18
Major Importers 4/		18.64	15.25	110.93	106.29	126.99	0.36	17.46
China		17.03	11.60	83.00	81.80	95.50	0.15	15.98
European Union		0.69	2.26	13.60	14.00	15.58	0.15	0.82
Japan		0.18	0.24	3.25	2.40	3.55	0.00	0.12
Mexico		0.07	0.33	3.95	4.25	4.29	0.00	0.06
<b>2016/17 Proj.</b>								
World 2/	Jul	72.17	325.95	136.02	289.23	328.78	138.26	67.10
	Aug	73.00	330.41	136.62	289.89	329.82	138.97	71.24
United States	Jul	9.54	105.60	0.82	52.39	55.79	52.25	7.90
	Aug	6.95	110.50	0.82	52.80	56.22	53.07	8.97
Total Foreign	Jul	62.63	220.35	135.21	236.84	272.99	86.00	59.20
	Aug	66.05	219.91	135.81	237.09	273.59	85.90	62.27
Major Exporters 3/	Jul	42.61	172.00	0.36	89.25	96.93	77.79	40.26
	Aug	46.26	172.17	0.56	89.25	96.93	77.99	44.08
Argentina	Jul	27.02	57.00	0.05	44.30	48.75	10.65	24.67
	Aug	29.92	57.00	0.30	44.30	48.75	10.65	27.82
Brazil	Jul	15.45	103.00	0.30	40.50	43.60	59.70	15.45
	Aug	16.15	103.00	0.25	40.50	43.60	59.70	16.10
Paraguay	Jul	0.13	9.00	0.01	4.20	4.25	4.75	0.14
	Aug	0.18	9.17	0.01	4.20	4.25	4.95	0.16
Major Importers 4/	Jul	17.68	16.08	114.18	110.82	131.64	0.34	15.97
	Aug	17.46	16.07	114.58	111.32	132.59	0.34	15.19
China	Jul	16.23	12.20	87.00	87.00	100.80	0.15	14.48
	Aug	15.98	12.20	87.00	87.00	101.20	0.15	13.83
European Union	Jul	0.59	2.45	12.60	13.30	14.87	0.15	0.62
	Aug	0.82	2.44	13.00	13.80	15.39	0.15	0.72
Japan	Jul	0.24	0.24	3.10	2.20	3.33	0.00	0.26
	Aug	0.12	0.24	3.10	2.20	3.33	0.00	0.14
Mexico	Jul	0.06	0.37	4.00	4.28	4.33	0.00	0.11
	Aug	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 - 556 - 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/		11.22	207.36	60.19	202.48	63.89	12.39
United States		0.23	40.88	0.30	29.28	11.89	0.24
Total Foreign		10.99	166.48	59.89	173.20	52.00	12.15
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	50.28	0.70	1.52
European Union		0.25	10.74	19.16	29.54	0.36	0.25
Southeast Asia 5/		1.07	2.67	15.08	17.33	0.34	1.17
<b>2015/16 Est.</b>							
World 2/		12.39	218.58	63.89	215.80	67.58	11.48
United States		0.24	40.75	0.39	30.39	10.71	0.27
Total Foreign		12.15	177.84	63.51	185.41	56.88	11.21
Major Exporters 3/		8.50	70.25	0.03	22.90	48.11	7.77
Argentina		4.13	34.05	0.00	2.40	32.20	3.58
Brazil		4.15	31.50	0.02	15.80	15.80	4.07
India		0.23	4.70	0.01	4.70	0.11	0.13
Major Importers 4/		1.52	15.84	37.85	53.49	0.72	1.00
European Union		0.25	11.06	20.40	31.14	0.35	0.22
Southeast Asia 5/		1.17	2.96	15.70	18.82	0.37	0.64
<b>2016/17 Proj.</b>							
World 2/	Jul	12.14	227.34	67.62	225.46	70.40	11.23
	Aug	11.48	227.89	67.07	225.50	70.34	10.60
United States	Jul	0.27	41.44	0.30	30.66	11.07	0.27
	Aug	0.27	41.80	0.30	30.94	11.16	0.27
Total Foreign	Jul	11.86	185.90	67.33	194.80	59.33	10.96
	Aug	11.21	186.10	66.78	194.57	59.18	10.33
Major Exporters 3/	Jul	8.44	72.98	0.02	23.50	50.40	7.55
	Aug	7.77	72.74	0.02	23.40	50.30	6.83
Argentina	Jul	4.25	34.35	0.00	2.48	32.80	3.33
	Aug	3.58	34.35	0.00	2.48	32.80	2.65
Brazil	Jul	4.07	31.35	0.02	15.85	15.80	3.79
	Aug	4.07	31.35	0.02	15.85	15.80	3.79
India	Jul	0.13	7.28	0.00	5.17	1.80	0.44
	Aug	0.13	7.04	0.00	5.07	1.70	0.40
Major Importers 4/	Jul	0.98	15.27	41.20	55.56	0.73	1.16
	Aug	1.00	15.66	40.65	55.45	0.68	1.18
European Union	Jul	0.21	10.51	21.70	31.79	0.40	0.23
	Aug	0.22	10.90	21.15	31.69	0.35	0.23
Southeast Asia 5/	Jul	0.65	3.10	17.60	20.19	0.33	0.83
	Aug	0.64	3.10	17.60	20.19	0.33	0.81

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 - 556 - 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	3.63
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	2.79
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/		3.63	52.14	11.80	51.54	12.17	3.85
United States		0.84	10.02	0.14	9.03	1.09	0.88
Total Foreign		2.79	42.12	11.66	42.52	11.08	2.97
Major Exporters 3/		0.87	19.03	0.36	11.02	8.40	0.84
Argentina		0.35	8.57	0.01	2.68	5.90	0.35
Brazil		0.28	7.80	0.05	6.39	1.50	0.24
European Union		0.24	2.66	0.30	1.95	1.00	0.25
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/	Jul	3.87	53.82	11.01	53.07	11.96	3.67
	Aug	3.85	53.95	11.01	53.42	11.69	3.71
United States	Jul	1.03	10.09	0.11	9.28	1.09	0.87
	Aug	0.88	10.16	0.11	9.28	1.09	0.80
Total Foreign	Jul	2.83	43.73	10.90	43.80	10.87	2.80
	Aug	2.97	43.78	10.90	44.14	10.60	2.91
Major Exporters 3/	Jul	0.75	18.72	0.27	10.89	8.11	0.73
	Aug	0.84	18.81	0.27	11.19	7.84	0.89
Argentina	Jul	0.35	8.44	0.01	2.52	5.98	0.30
	Aug	0.35	8.44	0.01	2.82	5.61	0.37
Brazil	Jul	0.24	7.75	0.01	6.42	1.33	0.25
	Aug	0.24	7.75	0.01	6.42	1.33	0.25
European Union	Jul	0.16	2.53	0.25	1.95	0.80	0.19
	Aug	0.25	2.62	0.25	1.95	0.90	0.28
Major Importers 4/	Jul	1.21	17.76	5.78	23.29	0.19	1.26
	Aug	1.21	17.70	5.78	23.29	0.19	1.21
China	Jul	0.69	15.59	0.82	16.20	0.11	0.79
	Aug	0.69	15.59	0.82	16.20	0.11	0.79
India	Jul	0.34	1.61	3.30	4.90	0.00	0.36
	Aug	0.34	1.56	3.30	4.90	0.00	0.30
North Africa 5/	Jul	0.17	0.56	1.66	2.19	0.08	0.12
	Aug	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 - 556 - 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	6,187	5,962	12,206	10,247	1,520	11,904	24,110	2,078	54.4
	III*	6,480	6,090	12,625	10,500	1,475	12,105	24,730	2,095	52.4
	IV*	6,360	6,625	13,044	10,210	1,555	11,895	24,939	2,135	52.3
	Annual									
	Jul Proj.	24,945	25,000	50,171	41,064	5,935	47,539	97,709	8,346	212.4
	Aug Proj.	24,962	24,907	50,097	40,996	5,985	47,513	97,610	8,349	212.1
2017	I*	6,050	6,260	12,368	10,250	1,445	11,825	24,193	2,080	53.4
	II*	6,470	6,065	12,596	10,550	1,525	12,218	24,814	2,100	55.3
	Annual									
	Jul Proj.	25,785	25,455	51,476	42,020	6,115	48,690	100,166	8,515	215.6
	Aug Proj.	25,800	25,510	51,546	42,060	6,135	48,750	100,296	8,515	215.8

\* 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	14.77
	III*	116-120	49-51	84-86	117-121	69-71	16.80-17.10
	IV*	118-126	40-42	81-87	116-124	82-88	17.60-18.20
	Annual						
	Jul Proj.	125-129	48-50	88-91	115-119	97-100	15.55-15.85
	Aug Proj.	124-127	47-48	86-88	116-119	85-87	16.25-16.45
2017	I*	117-127	40-44	83-89	107-115	77-83	16.10-17.00
	II*	119-129	45-49	85-93	108-118	96-104	15.45-16.45
	Annual						
	Jul Proj.	118-128	43-46	85-93	111-120	105-114	15.70-16.70
	Aug Proj.	118-128	42-45	85-92	111-120	94-102	16.15-17.15

\*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 - 556 - 32

## U.S. Meats Supply and Use

		Beginning stocks	Production 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. Jul	683	25,009	2,908	28,600	2,469	630	25,501	55.1
	Aug	683	25,026	2,955	28,664	2,450	630	25,584	55.3
	2017 Proj. Jul	630	25,849	2,550	29,029	2,580	600	25,849	55.4
	Aug	630	25,864	2,600	29,094	2,580	600	25,914	55.6
Pork	2015	559	24,517	1,111	26,187	4,941	590	20,656	49.8
	2016 Proj. Jul	590	25,016	1,153	26,758	5,208	600	20,950	50.2
	Aug	590	24,923	1,150	26,662	5,218	625	20,819	49.8
	2017 Proj. Jul	600	25,471	1,160	27,231	5,300	610	21,321	50.7
	Aug	625	25,526	1,160	27,311	5,300	635	21,376	50.8
Total Red Meat 5/	2015	1,190	48,520	4,695	54,404	7,212	1,320	45,872	104.9
	2016 Proj. Jul	1,320	50,260	4,294	55,875	7,684	1,281	46,910	106.5
	Aug	1,320	50,187	4,336	55,843	7,675	1,301	46,867	106.4
	2017 Proj. Jul	1,281	51,566	3,898	56,745	7,890	1,260	47,595	107.3
	Aug	1,301	51,636	3,948	56,885	7,890	1,280	47,715	107.6
Broiler	2015	680	39,620	130	40,430	6,319	832	33,279	88.9
	2016 Proj. Jul	832	40,625	132	41,589	6,753	695	34,141	90.5
	Aug	832	40,557	131	41,521	6,675	775	34,071	90.3
	2017 Proj. Jul	695	41,570	132	42,397	6,995	715	34,687	91.3
	Aug	775	41,610	132	42,517	6,995	715	34,807	91.6
Turkey	2015	193	5,627	45	5,865	533	201	5,131	16.0
	2016 Proj. Jul	201	5,935	48	6,184	605	240	5,339	16.5
	Aug	201	5,985	48	6,234	605	240	5,389	16.6
	2017 Proj. Jul	240	6,115	40	6,395	670	250	5,475	16.8
	Aug	240	6,135	40	6,415	670	250	5,495	16.8
Total Poultry 6/	2015	877	45,769	177	46,822	6,997	1,041	38,785	106.0
	2016 Proj. Jul	1,041	47,099	183	48,323	7,501	944	39,878	108.2
	Aug	1,041	47,073	182	48,296	7,425	1,024	39,847	108.1
	2017 Proj. Jul	944	48,240	174	49,358	7,805	974	40,579	109.4
	Aug	1,024	48,299	174	49,497	7,805	974	40,718	109.7
Red Meat & Poultry	2015	2,066	94,289	4,872	101,227	14,208	2,361	84,657	210.9
	2016 Proj. Jul	2,361	97,359	4,477	104,197	15,185	2,225	86,787	214.7
	Aug	2,361	97,260	4,518	104,139	15,100	2,325	86,714	214.5
	2017 Proj. Jul	2,225	99,806	4,072	106,103	15,695	2,234	88,174	216.6
	Aug	2,325	99,935	4,122	106,382	15,695	2,254	88,433	217.3

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 - 556 - 33

## U.S. Egg Supply and Use

	2014	2015	2016 Proj. Jul	2016 Proj. Aug	2017 Proj. Jul	2017 Proj. Aug
<b>Eggs</b>	<i>Million Dozen</i>					
<b>Supply</b>						
Beginning Stocks	23.0	23.3	31.1	31.1	27.0	27.0
Production	8,431.4	7,977.3	8,346.0	8,349.0	8,515.0	8,515.0
Imports	34.7	123.3	108.6	104.7	60.0	60.0
<b>Total Supply</b>	<b>8,489.1</b>	<b>8,123.9</b>	<b>8,485.7</b>	<b>8,484.8</b>	<b>8,602.0</b>	<b>8,602.0</b>
<b>Use</b>						
Exports	393.8	317.6	310.8	283.4	355.0	335.0
Hatching Use	980.6	995.6	1,017.5	1,016.8	1,040.0	1,040.0
Ending Stocks	23.3	31.1	27.0	27.0	27.0	27.0
Disappearance						
<b>Total</b>	<b>7,091.4</b>	<b>6,779.6</b>	<b>7,130.4</b>	<b>7,157.6</b>	<b>7,180.0</b>	<b>7,200.0</b>
Per Capita (number)	266.6	252.9	264.0	265.0	264.0	264.8

## U.S. Milk Supply and Use

	2014	2015	2016 Proj. Jul	2016 Proj. Aug	2017 Proj. Jul	2017 Proj. Aug
<b>Milk</b>	<i>Billion Pounds</i>					
Production	206.1	208.6	212.4	212.1	215.6	215.8
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	13.5	13.7
Marketings	205.1	207.7	211.5	211.1	214.6	214.9
Imports	4.3	5.7	6.8	7.1	6.7	6.9
<b>Total Cml. Supply</b>	<b>220.6</b>	<b>224.6</b>	<b>231.6</b>	<b>231.5</b>	<b>234.8</b>	<b>235.4</b>
<b>Fat Basis Use</b>						
Commercial Exports	12.4	8.8	8.4	8.5	8.7	8.7
Ending Commercial Stocks	11.2	13.3	13.5	13.7	12.8	13.0
CCC Donations	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	196.9	202.5	209.7	209.3	213.3	213.8
<b>Skim-solid Basis Supply</b>						
Beg. Commercial Stocks	11.7	13.1	13.9	13.9	13.8	13.6
Marketings	205.1	207.7	211.5	211.1	214.6	214.9
Imports	5.6	6.0	6.5	6.6	6.3	6.3
<b>Total Cml. Supply</b>	<b>222.4</b>	<b>226.7</b>	<b>231.9</b>	<b>231.6</b>	<b>234.7</b>	<b>234.7</b>
<b>Skim-solid Basis Use</b>						
Commercial Exports	39.0	37.3	36.4	37.1	37.3	37.4
Ending Commercial Stocks	13.1	13.9	13.8	13.6	13.8	13.3
CCC Donations	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	170.3	175.5	181.7	180.9	183.6	184.0

Note: Totals may not add due to rounding.

## WASDE - 556 - 34

## U.S. Dairy Prices

	2014	2015	2016 Proj. Jul	2016 Proj. Aug	2017 Proj. Jul	2017 Proj. Aug
<b>Product Prices 1/</b>			<i>Dollars Per Pound</i>			
Cheese	2.1551	1.6454	1.515- 1.545	1.610- 1.630	1.565- 1.665	1.615- 1.715
Butter	2.1361	2.0670	2.155- 2.215	2.140- 2.180	1.940- 2.070	1.965- 2.095
Nonfat Dry Milk	1.7682	0.9016	0.785- 0.815	0.795- 0.815	0.865- 0.935	0.865- 0.935
Dry Whey	0.6538	0.3804	0.250- 0.270	0.255- 0.275	0.280- 0.310	0.285- 0.315
			<i>Dollars Per Cwt</i>			
<b>Milk Prices 2/</b>						
Class III	22.34	15.80	13.90- 14.20	14.80- 15.00	14.50- 15.50	15.00- 16.00
Class IV	22.09	14.35	13.80- 14.20	13.75- 14.05	13.50- 14.60	13.60- 14.70
All Milk 3/	23.97	17.12	15.55- 15.85	16.25- 16.45	15.70- 16.70	16.15- 17.15

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 - 556 - 35

## Reliability of August Projections 1/

Note: Tables on pages 35-37 present a record of the August 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 2.4 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 4 percent. The average difference between the August projection and the final estimate is 11 million tons, ranging from 0.2 million to 32.1 million tons. The August projection has been below the estimate 23 times and above 12 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average			Years	
<i>Million Metric Tons</i>			Below Final	Above Final			
	<i>Percent</i>			Smallest	Largest		
<b>WHEAT</b>							
Production							
World	2.4	4.0	11.0	0.2	32.1	23	12
U.S.	2.4	4.1	1.1	0.0	4.2	14	21
Foreign	2.6	4.5	10.8	0.6	31.1	23	12
Exports							
World	5.9	10.1	6.1	0.4	19.1	26	9
U.S.	11.2	19.1	2.7	0.0	10.0	16	18
Foreign	7.4	12.6	6.0	0.3	20.5	25	10
Domestic Use							
World	1.9	3.2	8.0	0.2	23.4	18	17
U.S.	7.0	11.9	1.9	0.0	4.5	12	23
Foreign	1.8	3.1	7.6	0.2	22.0	21	14
Ending Stocks							
World	9.5	16.2	11.3	0.3	31.2	26	9
U.S.	15.6	26.6	3.0	0.5	12.6	21	14
Foreign	10.3	17.4	9.9	0.2	28.7	26	9
<b>COARSE GRAINS 2/</b>							
Production							
World	2.4	4.0	17.5	0.4	51.0	26	9
U.S.	6.3	10.8	9.9	0.0	31.4	22	13
Foreign	2.4	4.0	13.3	0.7	28.9	24	11
Exports							
World	7.3	12.3	6.7	0.1	23.8	23	12
U.S.	21.5	36.4	7.5	0.4	19.7	14	21
Foreign	14.6	24.8	7.2	1.4	18.1	23	12
Domestic Use							
World	1.7	2.8	12.5	0.2	30.8	19	16
U.S.	4.3	7.3	7.1	0.5	17.0	21	14
Foreign	1.8	3.0	10.4	1.1	30.3	21	14
Ending Stocks							
World	15.1	25.7	18.1	0.1	53.5	28	7
U.S.	29.4	49.9	10.3	0.3	43.5	18	17
Foreign	15.5	26.3	12.5	0.2	42.5	28	7
<b>RICE, milled</b>							
Production							
World	2.4	4.0	6.6	0.1	24.4	22	13
U.S.	5.2	8.8	0.2	0.0	0.6	19	16
Foreign	2.4	4.1	6.5	0.4	24.7	23	12
Exports							
World	9.2	15.7	1.5	0.0	6.9	25	10
U.S.	11.5	19.5	0.2	0.0	1.0	18	15
Foreign	10.3	17.4	1.5	0.1	6.8	24	11
Domestic Use							
World	1.9	3.3	4.4	0.1	23.5	26	9
U.S.	8.6	14.7	0.2	0.0	0.5	15	20
Foreign	2.0	3.3	4.5	0.0	24.0	25	10
Ending Stocks							
World	12.5	21.2	5.3	0.1	15.9	27	8
U.S.	30.0	50.9	0.2	0.0	1.0	21	13
Foreign	13.5	22.9	5.2	0.1	15.9	27	8

1/ Footnotes at end of table.

CONTINUED

## WASDE - 556 - 36

## Reliability of August 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	4.8	8.1	6.9	0.3	26.7	21	14
U.S.	6.3	10.6	3.4	0.0	11.1	19	15
Foreign	7.8	13.3	6.6	1.1	26.4	18	17
Exports							
World	7.3	12.3	3.1	0.2	11.6	23	12
U.S.	12.4	21.1	2.8	0.0	7.1	21	13
Foreign	20.2	34.3	2.7	0.0	9.4	16	19
Domestic Use							
World	3.7	6.2	5.0	0.0	15.9	23	12
U.S.	5.2	8.8	1.8	0.0	4.6	23	12
Foreign	4.2	7.1	4.3	0.6	11.3	22	13
Ending Stocks							
World	17.0	28.9	4.3	0.1	15.0	18	17
U.S.	47.0	79.7	2.6	0.3	7.3	11	24
Foreign	19.3	32.8	4.2	0.2	16.0	21	14
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	5.1	8.7	3.4	0.0	13.2	19	15
U.S.	7.7	13.1	1.0	0.0	3.9	17	17
Foreign	5.6	9.4	3.1	0.0	10.9	19	15
Exports							
World	9.9	16.8	2.3	0.1	10.2	16	19
U.S.	22.2	37.7	1.1	0.0	3.2	18	17
Foreign	13.0	22.1	1.9	0.1	8.5	18	17
Domestic Use							
World	4.0	6.8	3.0	0.3	14.2	13	22
U.S.	9.1	15.4	0.5	0.0	1.3	18	15
Foreign	4.1	6.9	2.9	0.3	13.4	14	21
Ending Stocks							
World	15.5	26.3	5.7	0.2	14.2	24	11
U.S.	40.4	68.5	1.4	0.0	5.1	13	21
Foreign	15.7	26.6	5.0	0.1	14.0	26	9

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 - 556 - 37

## Reliability of United States August 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	6.8	11.6	371	1	1,079	22	13
Exports	22.4	38.0	265	12	750	14	21
Domestic Use	4.7	8.0	288	10	590	22	13
Ending Stocks	35.0	59.3	378	12	1,674	17	18
<b>SORGHUM</b>							
Production	8.3	14.1	35	1	108	19	16
Exports	30.0	50.9	42	1	160	17	18
Domestic Use	26.9	45.7	43	0	130	16	17
Ending Stocks	56.0	95.0	39	4	201	13	22
<b>BARLEY</b>							
Production	6.4	10.8	16	1	67	12	23
Exports	50.6	85.9	14	0	82	16	17
Domestic Use	10.0	17.0	25	0	82	12	22
Ending Stocks	19.3	32.7	22	0	94	16	18
<b>OATS</b>							
Production	9.2	15.6	14	1	57	7	28
Exports	100.8	171.1	1	0	8	8	12
Domestic Use	6.0	10.2	14	1	39	11	24
Ending Stocks	24.5	41.5	16	2	40	16	19
<b>SOYBEAN MEAL</b>			<i>Thousand Short Tons</i>				
Production	5.2	8.8	1,371	32	3,669	25	10
Exports	16.5	28.0	978	50	3,500	22	13
Domestic Use	4.2	7.1	814	24	3,800	21	14
Ending Stocks	44.7	75.9	52	0	428	10	14
<b>SOYBEAN OIL</b>			<i>Million Pounds</i>				
Production	5.2	8.8	675	11	2,290	23	12
Exports	34.3	58.1	416	0	1,575	16	17
Domestic Use	4.3	7.3	459	8	2,200	23	12
Ending Stocks	34.1	57.9	485	0	1,472	18	16
<b>ANIMAL PROD. 3/</b>			<i>Million Pounds</i>				
Beef	4.2	7.2	841	110	2,536	24	10
Pork	3.2	5.4	423	25	1,375	20	14
Broilers	2.3	3.9	580	49	1,338	19	15
Turkeys	3.9	6.6	145	2	458	21	13
			<i>Million Dozen</i>				
Eggs	1.8	3.1	102	4	394	22	12
			<i>Billion Pounds</i>				
Milk	1.7	2.9	2.1	0.0	7.0	19	13

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 1983 through 2015 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1983-2015.

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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 Production Estimates and Crop Assessment Division (PECAD) of the Foreign Agricultural Service. PECAD 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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## World Agricultural Supply and Demand Estimates

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