

# World Agricultural Supply and Demand Estimates

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WASDE - 558

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**WHEAT:** Projected U.S. ending stocks for 2016/17 are raised 38 million bushels as reduced supplies are more than offset by lower projected use. Production for 2016/17 is lowered 11 million bushels based on the latest estimate from the NASS September 30 *Small Grains Annual Summary*. Feed and residual use is reduced 70 million bushels to 260 million reflecting the September 1 stocks that indicated lower-than-expected June-August disappearance. Exports are raised 25 million bushels on increased competitiveness of U.S. wheat particularly in North Africa where the EU has lost some market share because of lower production and quality problems. The marketing year average price received by producers is raised \$0.10 per bushel at the midpoint to a range of \$3.50 to \$3.90 on higher-than-expected NASS prices to date.

Global wheat supplies for 2016/17 are lowered 1.6 million tons on a 0.4-million-ton production decrease and lower beginning stocks. A 2.0-million-ton production decline for the EU is partially offset by a 1.0-million-ton increase for Canada and a 0.8-million-ton increase for Australia. The Australia increase is attributed to continued excellent growing conditions, and yields are projected to be record high. Global exports are raised 1.9 million tons led by a 1.0-million-ton increase for Australia, a 0.7-million-ton increase for the United States, and 0.5-million-ton increases each for Canada and Ukraine. Global export gains are partially offset by a 1.0-million-ton decrease for the EU on the projected supply reduction. Global use for 2016/17 is down 1.0 million tons led by reductions in feed use for the United States and the EU. With total supplies declining more than use, world ending stocks are reduced 0.7 million tons but remain record large.

**COARSE GRAINS:** This month's 2016/17 U.S. corn outlook is for lower production, increased exports, reduced stocks, and higher prices. Corn production is forecast at 15.057 billion bushels, down 36 million from last month as a lower forecast yield more than offsets an increase in harvested area. Corn supplies for 2016/17 are down slightly to 16.845 billion bushels, as a lower crop more than offsets a small increase in beginning stocks based on the September 30 *Grain Stocks* report. Exports are raised 50 million bushels, reflecting current U.S. export commitments that are well above a year ago. Corn ending stocks are down 63 million bushels. The projected range for the season-average corn price received by producers is raised 5 cents on both ends to \$2.95 to \$3.55 per bushel.

Grain sorghum production is forecast 22 million bushels below last month, as a forecast 1.5-bushel per acre increase in yield to a record 77.2 bushels per acre is more than offset by lower harvested area, with the largest reduction in Texas. Barley production is raised 10 million bushels and oat production is down 12 million bushels based on the *Small Grains* report. Grain sorghum prices in 2016/17 are projected to average \$2.80 to \$3.40 per bushel, up 5 cents on both ends of the range.

Global coarse grain production for 2016/17 is forecast down 5.0 million tons to 1,314.8 million. This month's 2016/17 foreign coarse grain outlook is for lower production, higher consumption, increased trade, and lower stocks relative to last month. Brazil corn production is raised on higher area, based on the latest Companhia Nacional de Abastecimento (CONAB) report indicating a forecast level of first crop corn area above prior expectations. Corn and barley production are lowered for the EU, while domestic feed demand and competitive world corn prices underpin larger projected imports. Russia barley production is down based on the latest government harvest reports.

Corn exports are raised for Brazil and Argentina, with larger projected supplies in the former and an expected increase in the relative competitiveness of both countries for the local marketing year that begins March 2017. Other large month-to-month increases in corn imports are forecast for Iran, Vietnam, and Mexico. Foreign corn ending stocks for 2016/17 are lowered 1.0 million tons, with the largest stock declines in Argentina and Ukraine. Global corn stocks are projected 2.7 million tons lower to 216.8 million, but are still record high.

**RICE:** The 2016/17 U.S. rice crop is reduced 1.1 million cwt to 236.0 million on lower yields. The average yield forecast is lowered 37 pounds per acre to 7,532. A reduction in Arkansas is partially offset by increases in California, Mississippi, and Texas. The long-grain crop is reduced 0.9 million cwt to 177.0 million but still the largest since the 2010/11 record. Medium- and short-grain production is lowered 0.3 million cwt to 59.0 million. Total rice exports are down 3.0 million cwt to 112.0 million reflecting a slow export pace to date and increased international competition. Ending stocks are raised 1.9 million cwt to 61.0 million, the largest since 1985/86. The all rice season-average farm price is unchanged at a range of \$10.20 to \$11.20 per cwt.

Global rice supplies for 2016/17 are raised 4.5 million tons on higher beginning stocks and production. Production is increased 1.5 million tons to 483.3 million and remains record large. Thailand production for 2016/17 is raised 1.6 million tons on beneficial precipitation and good reservoir recharge for irrigation, which led to increased dry-season rice area. Egypt and Australia production are raised 0.6 million tons and 0.2 million tons, respectively. However, these increases are partially offset by a 0.5-million-ton reduction for Brazil and a 0.3-million-ton reduction for Sri Lanka. Global exports for 2016/17 are raised 0.3 million tons and global consumption for 2016/17 is lowered 0.6 million tons. With total supplies rising and total use declining, world ending stocks are raised 5.1 million tons to 120.7 million.

**OILSEEDS:** U.S. oilseed production for 2016/17 is projected at 126.2 million tons, up 1.9 million from last month with increased soybean, canola, and sunflowerseed production partly offset with lower cottonseed and peanuts. Soybean production is forecast at 4,269 million bushels, up 68 million mainly on higher yields. The soybean yield is projected at 51.4 bushels per acre, up 0.8 bushels from the September forecast. Soybean supplies for 2016/17 are projected 70 million bushels above last month with slightly higher beginning stocks adding to higher production.

U.S. soybean exports for 2016/17 are projected at 2,025 million bushels, up 40 million with increased supplies. An offsetting reduction is forecast for Argentina soybean exports. With soybean crush unchanged, ending stocks for 2016/17 are projected at 395 million bushels, up 30 million from last month. The soybean price is projected at \$8.30 to \$9.80 per bushel,

unchanged from last month. Soybean meal and soybean oil price projections are also unchanged at \$300 to \$340 per short ton and 30.5 to 33.5 cents per pound, respectively.

Global oilseed production for 2016/17 is projected at 548.1 million tons, up 3.6 million from last month mainly on higher soybean production. Global soybean production is projected at a record 333.2 million tons, up 2.8 million with higher forecasts for the United States, Brazil, and Canada partly offset by a reduction for Russia. Brazil soybean production is projected at a record 102.0 million tons on higher area reflecting the most recent CONAB survey. The soybean crop in Canada is raised on higher expected area and yields. The soybean crop in Russia is projected lower on the most recent harvest results. Rapeseed production for Canada is projected at 18.5 million tons, up 0.5 million based on the most recent analysis from Statistics Canada. Rapeseed production is also increased for Australia on higher expected yields. Other oilseed production changes include higher sunflowerseed production for Turkey, higher cottonseed production for Australia, and lower cottonseed production for Brazil. Malaysia palm oil production is reduced for 2015/16 based on final production data, and for 2016/17 with the impact of reduced rainfall continuing to affect yields.

With increased global beginning stocks and production, 2016/17 oilseed supplies are projected 1 percent higher than last month. With crush mostly unchanged, global oilseed stocks for 2016/17 are projected at 88.1 million tons, up 5.3 million mainly on higher soybean stocks in the United States, Brazil, Argentina, and China.

**SUGAR:** The projection of beet sugar production from the 2016 sugarbeet crop is increased by 80,000 short tons, raw value (STRV) due to higher crop yields reported in the NASS October *Crop Production* that are only partially offset by reduced harvested area. Fiscal year 2016/17 beet sugar production is further increased by 100,000 STRV and 2015/16 is reduced by the same amount due to slower-than-anticipated harvesting in Minnesota and North Dakota, shifting beet sugar production expected in September into the next fiscal year. Beet sugar production for 2016/17 is therefore projected at 5.468 million STRV, an increase of 180,000 over last month. Florida cane sugar production for 2016/17 is reduced 25,100 STRV based on reduced sugarcane harvested area forecast by NASS.

Cane sugar production in Louisiana for 2015/16 is increased 15,542 STRV based on estimated production occurring in September, but is reduced in Hawaii by 10,000 based on a lower production pace-to-date than expected.

Imports for 2015/16 are reduced by 40,756 STRV. The raw sugar tariff-rate quota shortfall is increased by 35,069 STRV to 125,057 based on full fiscal year data reported by U.S. Customs and Border Protection (Customs). Imports from calendar-year Free Trade Agreement quotas are reduced by 30,603 STRV for 2015/16 but with that portion totaling 26,656 attributable to Colombia now expected to enter in the first quarter of 2016/17. Re-export imports are increased 20,916 STRV based on Customs reporting. Imports from Mexico are increased by 3,000 STRV and high-tier tariff imports by 1,000.

Based on 2015/16 pace-to-date, deliveries for human consumption are reduced by 50,000 STRV to 11.950 million and deliveries of re-export import sugar for food product exports are increased by 20,000 to 150,000. Deliveries for human consumption in 2016/17 are reduced by 30,000 STRV to 12.050 million in line with the downward adjustment for 2015/16. Ending

stocks for 2016/17 are projected residually at 1.762 million STRV, implying an ending stocks-to-use ratio of 14.4 percent.

Mexico exports to the United States for 2015/16 are increased 2,567 metric tons (MT) based on U.S. import data. Production for 2016/17 is increased 200,000 MT to 6.300 million based on direct-source information gathered by USDA's Foreign Agricultural Service post in Mexico City. The ending stock total for 2016/17 is unchanged at 1.248 million MT, an amount projected to meet sugar supply requirements of domestic consumption and exports to the U.S. market for the first three months of the following marketing year. Exports for 2016/17 to non-U.S. destinations are projected residually at 421,396 MT.

**LIVESTOCK, POULTRY, AND DAIRY:** The forecast for total red meat and poultry production for 2016 is reduced from last month as slightly higher beef and pork production is more than offset by lower broiler production. No change is made to turkey production. Beef production is raised on higher expected slaughter although carcass weights are reduced slightly. Pork production for 2016 is raised on the pace of third quarter slaughter. Broiler production is lowered as recent production data points towards continued slow growth in bird weights. For 2017, the total red meat and poultry product forecast was raised, primarily due to higher pork production. Beef production is raised based on expectations of higher first-quarter slaughter, but the broiler production forecast was lowered on more moderate growth in production continuing from 2016. The turkey production forecast was unchanged. Egg production forecasts for 2016 or 2017 were raised on continued growth in table-egg laying flocks.

Beef import and export forecasts for 2016 and 2017 were raised as slightly larger supplies of beef in a number of exporting countries support higher imports and lower U.S. beef prices make the United States more competitive in world markets. The pork export forecast for 2017 is raised on expectations of higher sales to Asia. Broiler and turkey export forecasts are unchanged for 2016 and 2017.

Cattle, hog, broiler, and turkey prices for the last quarter of 2016 are reduced from last month as supplies of product are large. For 2017, the continued large supplies of beef, pork, and broiler meat are expected to pressure prices through the year. Egg prices are also reduced for both 2016 and 2017.

The milk production forecasts for 2016 and 2017 are raised from last month as the cow inventory has grown more rapidly than previously expected. The higher cow inventories appear to reflect growth in herds supplying expanding dairy product facilities. Import forecasts for 2016 and 2017 are raised on higher expected imports of butter and several other dairy products. Exports are forecast higher as increases in Oceania prices and relatively low U.S. prices are expected to make the United States more competitive in world markets. Ending stocks are reduced as lower prices encourage increased demand from both export and domestic markets.

Cheese and butter price forecasts for 2016 and 2017 have been lowered due to higher expected milk supplies. However, nonfat dry milk (NDM) and whey will likely benefit from increased competitiveness in export markets, and stronger exports will help support prices of those products. Thus, price forecasts for NDM and whey are raised from last month. Class III and Class IV prices are lowered from last month as lower cheese prices more than offset

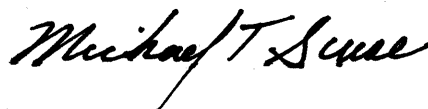
the higher whey price in the Class III calculation and the lower butter price outweighs the NDM price increase in the calculation of the Class IV price. All milk prices are forecast lower at \$15.80 to \$15.90 per cwt for 2016 and \$15.55 to \$16.45 per cwt for 2017.

**COTTON:** The 2016/17 U.S. cotton supply and demand estimates show marginally lower production, larger exports, and lower ending stocks relative to last month. Production is reduced 108,000 bales, mainly in Texas. Domestic mill use is unchanged from last month, but the export forecast is raised to 12.0 million bales, due mainly to higher world import demand. Ending stocks are now projected at 4.3 million bales. The resulting stocks-to-use ratio of 28 percent is slightly below last season, but is still above the preceding six seasons. The forecast range for the marketing year average farm price is 59.0 to 69.0 cents per pound; the midpoint of 64.0 cents per pound is 1 cent above last month's projection.

The global cotton supply and demand forecasts for 2016/17 include sharply lower beginning and ending stocks. Beginning stocks are reduced nearly 2.0 million bales, as consumption estimates for China are raised for 2014/15 and 2015/16. The sale of more than 12 million bales from China's recently completed reserve auctions amid rising domestic prices suggests the China mill demand was previously underestimated. Consumption is also raised for the previous two seasons in Bangladesh based on revised data (see <http://apps.fas.usda.gov/psdonline/circulars/cotton.pdf> for more information). World 2016/17 production is raised for Australia, partially offset by decreases for Brazil and the United States. Consumption is raised for China and Bangladesh, but is reduced for Uzbekistan. An increase of approximately 1.0 million bales in world trade mainly reflects higher imports for India and Bangladesh, and higher exports for Australia, the United States, and the African Franc Zone, partially offset by lower exports for Brazil. World ending stocks are now projected at 87.3 million bales.

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**In 2016, the WASDE report will be released on Nov. 9, Dec. 9.**

**In 2017, the WASDE report will be released on Jan. 12, Feb. 9, Mar. 9,  
Apr. 11, May 10, Jun. 9, Jul. 12, Aug. 10, Sep. 12, Oct. 12, Nov. 9, Dec. 12**

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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		2513.38	3033.00	393.68	2456.23	576.78
	2015/16 (Est.)		2454.90	3031.68	375.17	2430.06	601.62
	2016/17 (Proj.)	Sep	2546.32	3144.93	392.51	2526.95	617.98
		Oct	2542.49	3144.10	397.63	2525.77	618.33
Wheat	2014/15		728.25	922.22	164.42	706.14	216.08
	2015/16 (Est.)		735.02	951.10	172.00	711.44	239.66
	2016/17 (Proj.)	Sep	744.85	985.74	172.80	736.68	249.07
		Oct	744.44	984.10	174.68	735.73	248.37
Coarse Grains 5/	2014/15		1306.39	1518.05	185.68	1271.96	246.09
	2015/16 (Est.)		1247.79	1493.88	163.09	1247.52	246.36
	2016/17 (Proj.)	Sep	1319.74	1564.79	178.77	1311.47	253.31
		Oct	1314.79	1561.15	181.73	1311.88	249.26
Rice, milled	2014/15		478.74	592.73	43.58	478.13	114.61
	2015/16 (Est.)		472.09	586.70	40.09	471.10	115.60
	2016/17 (Proj.)	Sep	481.73	594.41	40.94	478.80	115.60
		Oct	483.26	598.86	41.22	478.16	120.70
<b>United States</b>							
Total Grains 4/	2014/15		439.49	499.23	83.28	346.98	68.98
	2015/16 (Est.)		429.21	505.96	81.59	348.21	76.16
	2016/17 (Proj.)	Sep	472.03	555.14	91.47	367.08	96.60
		Oct	470.30	554.12	93.21	365.09	95.82
Wheat	2014/15		55.15	75.33	23.52	31.33	20.48
	2015/16 (Est.)		56.12	79.67	21.09	32.02	26.55
	2016/17 (Proj.)	Sep	63.16	92.99	25.86	37.20	29.93
		Oct	62.86	92.82	26.54	35.30	30.98
Coarse Grains 5/	2014/15		377.23	414.99	56.70	311.34	46.95
	2015/16 (Est.)		366.99	417.87	57.07	312.67	48.13
	2016/17 (Proj.)	Sep	401.34	452.39	61.96	325.65	64.79
		Oct	399.95	451.59	63.12	325.57	62.90
Rice, milled	2014/15		7.11	8.91	3.06	4.30	1.55
	2015/16 (Est.)		6.11	8.43	3.42	3.53	1.48
	2016/17 (Proj.)	Sep	7.53	9.75	3.65	4.22	1.88
		Oct	7.49	9.72	3.56	4.22	1.94

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).



## WASDE - 558 - 9

**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	2,073.89	2,533.78	310.40	2,109.25	507.80	
	2015/16 (Est.)	2,025.69	2,525.72	293.59	2,081.85	525.46	
	2016/17 (Proj.)	Sep	2,074.29	2,589.80	301.04	2,159.87	521.39
		Oct	2,072.19	2,589.98	304.42	2,160.68	522.52
Wheat	2014/15	673.11	846.89	140.90	674.80	195.60	
	2015/16 (Est.)	678.90	871.43	150.90	679.42	213.11	
	2016/17 (Proj.)	Sep	681.69	892.75	146.95	699.47	219.13
		Oct	681.58	891.28	148.15	700.43	217.39
Coarse Grains 5/	2014/15	929.16	1,103.07	128.98	960.62	199.15	
	2015/16 (Est.)	880.80	1,076.02	106.02	934.86	198.23	
	2016/17 (Proj.)	Sep	918.40	1,112.39	116.81	985.82	188.53
		Oct	914.84	1,109.55	118.61	986.31	186.36
Rice, milled	2014/15	471.63	583.82	40.52	473.83	113.05	
	2015/16 (Est.)	465.99	578.27	36.67	467.57	114.12	
	2016/17 (Proj.)	Sep	474.20	584.66	37.29	474.58	113.73
		Oct	475.77	589.14	37.67	473.93	118.77

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	222.41	35.31	111.13	111.54	
	2015/16 (Est.)	96.32	207.86	35.11	111.31	96.60	
	2016/17 (Proj.)	Sep	102.47	201.02	33.91	111.23	89.81
		Oct	102.69	199.29	34.87	112.03	87.35
United States	2014/15	16.32	18.68	11.25	3.58	3.65	
	2015/16 (Est.)	12.89	16.57	9.15	3.45	3.80	
	2016/17 (Proj.)	Sep	16.14	19.95	11.50	3.50	4.90
		Oct	16.03	19.84	12.00	3.50	4.30
Foreign 4/	2014/15	102.78	203.73	24.07	107.56	107.89	
	2015/16 (Est.)	83.43	191.29	25.96	107.86	92.80	
	2016/17 (Proj.)	Sep	86.33	181.07	22.41	107.73	84.91
		Oct	86.66	179.45	22.87	108.53	83.05

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 - 558 - 10

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

World			Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2014/15		536.84	614.50	147.05	439.25	93.37
	2015/16 (Est.)		520.42	613.80	153.37	447.32	86.95
	2016/17 (Proj.)	Sep	544.47	628.74	158.24	463.90	82.81
		Oct	548.10	635.05	159.24	463.86	88.13
Oilmeals	2014/15		299.49	313.29	85.46	294.21	15.36
	2015/16 (Est.)		306.46	321.82	87.28	305.15	14.09
	2016/17 (Proj.)	Sep	318.30	332.96	92.33	316.10	13.60
		Oct	318.20	332.29	92.24	316.49	12.32
Vegetable Oils	2014/15		177.06	200.29	76.57	171.50	22.90
	2015/16 (Est.)		176.73	199.63	74.77	177.83	19.05
	2016/17 (Proj.)	Sep	186.87	206.47	78.81	184.10	18.39
		Oct	185.85	204.89	78.65	183.42	18.04
<b>United States</b>							
Oilseeds	2014/15		116.03	121.83	51.12	55.11	6.76
	2015/16 (Est.)		115.88	123.76	53.79	55.08	6.88
	2016/17 (Proj.)	Sep	124.26	132.52	55.15	57.43	11.52
		Oct	126.16	134.64	56.28	57.58	12.32
Oilmeals	2014/15		43.27	47.44	12.15	35.00	0.29
	2015/16 (Est.)		42.86	47.22	11.09	35.79	0.34
	2016/17 (Proj.)	Sep	44.54	48.90	11.49	37.07	0.34
		Oct	44.61	48.97	11.49	37.14	0.34
Vegetable Oils	2014/15		10.94	16.14	1.17	13.75	1.21
	2015/16 (Est.)		11.21	16.91	1.25	14.47	1.20
	2016/17 (Proj.)	Sep	11.56	17.24	1.30	14.80	1.14
		Oct	11.61	17.25	1.28	14.82	1.15
<b>Foreign 3/</b>							
Oilseeds	2014/15		420.81	492.67	95.93	384.14	86.62
	2015/16 (Est.)		404.54	490.04	99.59	392.24	80.08
	2016/17 (Proj.)	Sep	420.21	496.22	103.10	406.47	71.29
		Oct	421.94	500.41	102.96	406.28	75.81
Oilmeals	2014/15		256.22	265.86	73.31	259.21	15.07
	2015/16 (Est.)		263.61	274.61	76.20	269.36	13.75
	2016/17 (Proj.)	Sep	273.75	284.07	80.84	279.03	13.26
		Oct	273.60	283.32	80.75	279.35	11.98
Vegetable Oils	2014/15		166.12	184.15	75.40	157.74	21.69
	2015/16 (Est.)		165.52	182.72	73.52	163.37	17.84
	2016/17 (Proj.)	Sep	175.31	189.23	77.51	169.30	17.25
		Oct	174.24	187.64	77.37	168.60	16.89

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 - 558 - 11

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

	2014/15	2015/16 Est.	2016/17 Proj. Sep	2016/17 Proj. Oct
			<i>Million Acres</i>	
Area Planted	56.8	55.0	50.8	50.2
Area Harvested	46.4	47.3	44.1	43.9
			<i>Bushels</i>	
Yield per Harvested Acre	43.7	43.6	52.6	52.6
			<i>Million Bushels</i>	
Beginning Stocks	590	752	981	976
Production	2,026	2,062	2,321	2,310
Imports	151	113	115	125
Supply, Total	2,768	2,927	3,417	3,410
Food	958	957	968	968
Seed	79	67	69	69
Feed and Residual	114	152	330	260
Domestic, Total	1,151	1,176	1,367	1,297
Exports	864	775	950	975
Use, Total	2,015	1,952	2,317	2,272
Ending Stocks	752	976	1,100	1,138
Avg. Farm Price (\$/bu) 2/	5.99	4.89	3.30 - 3.90	3.50 - 3.90

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

Year beginning June 1		Hard Red	Hard Red	Soft Red	White	Durum	Total
		Winter	Spring	Winter			
				<i>Million</i>			
				<i>Bushels</i>			
2015/16 (Est.)	Beginning Stocks	294	212	154	67	26	752
	Production	830	568	359	221	84	2,062
	Supply, Total 3/	1,130	828	531	294	143	2,927
	Domestic Use	458	304	255	73	86	1,176
	Exports	226	252	120	147	29	775
	Use, Total	685	556	375	220	116	1,952
	Ending Stocks, Total	446	272	157	74	28	976
2016/17 (Proj.)	Beginning Stocks	446	272	157	74	28	976
	Production	1,082	493	345	286	104	2,310
	Supply, Total 3/	1,532	809	532	367	170	3,410
	Domestic Use	546	312	249	102	88	1,297
	Exports	385	290	95	170	35	975
	Use, Total	931	602	344	272	123	2,272
	Ending Stocks, Total	601	207	188	95	47	1,138
		Oct					
		Sep					
		548	248	170	103	32	1,100

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 - 558 - 12

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

	2014/15	2015/16 Est.	2016/17 Proj. Sep	2016/17 Proj. Oct
<b>FEED GRAINS</b>				
		<i>Million Acres</i>		
Area Planted	103.5	103.2	107.4	107.1
Area Harvested	93.1	93.0	96.7	96.4
		<i>Metric Tons</i>		
Yield per Harvested Acre	4.05	3.94	4.15	4.14
		<i>Million Metric Tons</i>		
Beginning Stocks	34.3	46.9	47.5	48.1
Production	377.1	366.7	401.0	399.6
Imports	3.2	3.7	3.3	3.3
Supply, Total	414.6	417.3	451.8	451.0
Feed and Residual	139.3	137.2	148.6	148.6
Food, Seed & Industrial	171.6	175.0	176.6	176.4
Domestic, Total	310.9	312.1	325.1	325.0
Exports	56.7	57.1	62.0	63.1
Use, Total	367.6	369.2	387.1	388.1
Ending Stocks	46.9	48.1	64.8	62.9
<b>CORN</b>				
		<i>Million Acres</i>		
Area Planted	90.6	88.0	94.1	94.5
Area Harvested	83.1	80.7	86.6	86.8
		<i>Bushels</i>		
Yield per Harvested Acre	171.0	168.4	174.4	173.4
		<i>Million Bushels</i>		
Beginning Stocks	1,232	1,731	1,716	1,738
Production	14,216	13,601	15,093	15,057
Imports	32	67	50	50
Supply, Total	15,479	15,400	16,859	16,845
Feed and Residual	5,314	5,192	5,650	5,650
Food, Seed & Industrial 2/	6,567	6,573	6,650	6,650
Ethanol & by-products 3/	5,200	5,206	5,275	5,275
Domestic, Total	11,881	11,764	12,300	12,300
Exports	1,867	1,898	2,175	2,225
Use, Total	13,748	13,662	14,475	14,525
Ending Stocks	1,731	1,738	2,384	2,320
Avg. Farm Price (\$/bu) 4/	3.70	3.61	2.90 - 3.50	2.95 - 3.55

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at [www.ers.usda.gov/data-products/feed-grains-database.aspx](http://www.ers.usda.gov/data-products/feed-grains-database.aspx). 3/ Corn processed in ethanol plants to produce ethanol and by-products including distillers' grains, corn gluten feed, corn gluten meal, and corn oil. 4/ Marketing-year weighted average price received by farmers.

## WASDE - 558 - 13

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

	2014/15	2015/16 Est.	2016/17 Proj. Sep	2016/17 Proj. Oct
<b>SORGHUM</b>				
	<i>Million Bushels</i>			
Area Planted (mil. acres)	7.1	8.5	7.2	6.8
Area Harvested (mil. acres)	6.4	7.9	6.5	6.0
Yield (bushels/acre)	67.6	76.0	75.7	77.2
Beginning Stocks	34	18	35	37
Production	433	597	488	467
Imports	0	5	1	1
Supply, Total	467	620	525	504
Feed and Residual	82	103	95	90
Food, Seed & Industrial	15	142	125	120
Total Domestic	97	245	220	210
Exports	352	339	250	250
Use, Total	449	583	470	460
Ending Stocks	18	37	55	44
Avg. Farm Price (\$/bu) 2/	4.03	3.31	2.75 - 3.35	2.80 - 3.40
<b>BARLEY</b>				
Area Planted (mil. acres)	3.0	3.6	3.0	3.1
Area Harvested (mil. acres)	2.5	3.2	2.6	2.6
Yield (bushels/acre)	72.7	69.1	73.6	77.9
Beginning Stocks	82	79	102	102
Production	182	218	190	199
Imports	24	19	20	20
Supply, Total	287	315	312	321
Feed and Residual	43	50	50	60
Food, Seed & Industrial	151	153	153	153
Total Domestic	194	202	203	213
Exports	14	11	15	10
Use, Total	209	213	218	223
Ending Stocks	79	102	94	98
Avg. Farm Price (\$/bu) 2/	5.30	5.52	4.55 - 5.35	4.50 - 5.30
<b>OATS</b>				
Area Planted (mil. acres)	2.8	3.1	3.0	2.8
Area Harvested (mil. acres)	1.0	1.3	1.2	1.0
Yield (bushels/acre)	67.9	70.2	66.0	66.0
Beginning Stocks	25	54	57	57
Production	70	90	77	65
Imports	109	86	90	90
Supply, Total	204	229	224	212
Feed and Residual	71	93	90	85
Food, Seed & Industrial	77	77	78	78
Total Domestic	148	170	168	163
Exports	2	2	2	2
Use, Total	150	172	170	165
Ending Stocks	54	57	54	47
Avg. Farm Price (\$/bu) 2/	3.21	2.12	1.55 - 1.95	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.

## WASDE - 558 - 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.	
			Sep	Oct	
		<i>Million Acres</i>			
Area Planted	2.95	2.61	3.18	3.18	
Area Harvested	2.93	2.58	3.13	3.13	
		<i>Pounds</i>			
Yield per Harvested Acre	7,576	7,470	7,569	7,532	
		<i>Million Hundredweight</i>			
Beginning Stocks 2/	31.8	48.5	46.5	46.5	
Production	222.2	192.3	237.1	236.0	
Imports	24.6	24.1	23.5	23.5	
Supply, Total	278.7	265.0	307.1	306.0	
Domestic & Residual 3/	134.4	110.8	133.0	133.0	
Exports, Total 4/	95.7	107.7	115.0	112.0	
Rough	31.8	38.2	39.0	40.0	
Milled (rough equiv.)	63.9	69.6	76.0	72.0	
Use, Total	230.2	218.5	248.0	245.0	
Ending Stocks	48.5	46.5	59.1	61.0	
Avg. Milling Yield (%) 5/	70.50	70.00	70.00	70.00	
Avg. Farm Price (\$/cwt) 6/	13.40	12.20	10.20 - 11.20	10.20 - 11.20	

**LONG-GRAIN RICE**

Harvested Acres (mil.)	2.20	1.84		
Yield (pounds/acre)	7,407	7,218		
Beginning Stocks	16.2	26.5	22.7	22.7
Production	162.7	133.0	177.9	177.0
Supply, Total 7/	200.6	180.4	221.1	220.2
Domestic & Residual 3/	106.2	81.1	103.0	103.0
Exports 8/	68.0	76.5	81.0	79.0
Use, Total	174.2	157.7	184.0	182.0
Ending Stocks	26.5	22.7	37.1	38.2
Avg. Farm Price (\$/cwt) 6/	11.90	11.10	9.20 - 10.20	9.20 - 10.20

**MEDIUM & SHORT-GRAIN RICE**

Harvested Acres (mil.)	0.74	0.73		
Yield (pounds/acre)	8,080	8,103		
Beginning Stocks	13.3	20.2	20.9	20.9
Production	59.6	59.3	59.3	59.0
Supply, Total 7/	76.1	81.8	83.1	82.9
Domestic & Residual 3/	28.3	29.6	30.0	30.0
Exports 8/	27.7	31.2	34.0	33.0
Use, Total	56.0	60.9	64.0	63.0
Ending Stocks	20.2	20.9	19.1	19.9
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.30	15.50	13.00 - 14.00	13.00 - 14.00
California 10/	21.60	18.10	14.50 - 15.50	14.50 - 15.50
Other States 1/	14.40	11.30	9.70 - 10.70	9.50 - 10.50

Note: Totals may not add due to rounding. 1/ Marketing year beginning August 1. 2/ Includes the following quantities of broken kernel rice (type undetermined) not included in estimates of beginning stocks by type (in mil. cwt): 2014/15-1.9; 2015/16-2.9; 2016/17-2.9. 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 seasonaverage- 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.

## WASDE - 558 - 15

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

SOYBEANS	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Sep	Oct
		<i>Million Acres</i>		
Area Planted	83.3	82.7	83.7	83.7
Area Harvested	82.6	81.7	83.0	83.0
		<i>Bushels</i>		
Yield per Harvested Acre	47.5	48.0	50.6	51.4
		<i>Million Bushels</i>		
Beginning Stocks	92	191	195	197
Production	3,927	3,926	4,201	4,269
Imports	33	24	30	30
Supply, Total	4,052	4,140	4,426	4,496
Crushings	1,873	1,886	1,950	1,950
Exports	1,842	1,936	1,985	2,025
Seed	96	97	95	95
Residual	50	24	31	31
Use, Total	3,862	3,943	4,061	4,101
Ending Stocks	191	197	365	395
Avg. Farm Price (\$/bu) 2/	10.10	8.95	8.30 - 9.80	8.30 - 9.80
<b>SOYBEAN OIL</b>				
		<i>Million Pounds</i>		
Beginning Stocks	1,165	1,855	1,810	1,750
Production 4/	21,399	21,960	22,525	22,525
Imports	264	285	250	250
Supply, Total	22,828	24,100	24,585	24,525
Domestic Disappearance	18,959	20,100	20,550	20,550
Biodiesel 3/	5,039	5,600	5,950	5,950
Food, Feed & other Industrial	13,920	14,500	14,600	14,600
Exports	2,014	2,250	2,300	2,250
Use, Total	20,973	22,350	22,850	22,800
Ending stocks	1,855	1,750	1,735	1,725
Avg. Price (c/lb) 2/	31.60	29.86	30.50 - 33.50	30.50 - 33.50
<b>SOYBEAN MEAL</b>				
		<i>Thousand Short Tons</i>		
Beginning Stocks	250	260	300	300
Production 4/	45,062	44,690	46,275	46,275
Imports	333	400	325	325
Supply, Total	45,645	45,350	46,900	46,900
Domestic Disappearance	32,277	33,200	34,300	34,300
Exports	13,108	11,850	12,300	12,300
Use, Total	45,384	45,050	46,600	46,600
Ending Stocks	260	300	300	300
Avg. Price (\$/s.t.) 2/	368.49	324.56	300.00 - 340.00	300.00 - 340.00

Note: Totals may not add due to rounding. Reliability calculations at end of report. 1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and soybean meal. 2/ Prices: soybeans, marketing year weighted average price received by farmers; oil, simple average of crude soybean oil, Decatur; meal, simple average of 48 percent protein, Decatur. 3/ Reflects only biodiesel made from methyl ester as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 1,890 million bushels for 2015/16 and 1,950 million bushels for 2016/17.

## WASDE - 558 - 16

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

	2014/15	2015/16 Est.	2016/17 Proj. Sep	2016/17 Proj. Oct
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,810	1,815	1,991	1,887
Production 2/	8,656	8,907	9,272	9,427
Beet Sugar	4,893	5,024	5,288	5,468
Cane Sugar	3,763	3,883	3,984	3,959
Florida	1,981	2,173	2,133	2,108
Hawaii	146	155	40	40
Louisiana	1,513	1,439	1,676	1,676
Texas	123	116	135	135
Imports	3,553	3,364	2,652	2,678
TRQ 3/	1,536	1,621	1,507	1,533
Other Program 4/	471	396	125	125
Other 5/	1,546	1,348	1,020	1,020
Mexico	1,532	1,332	1,005	1,005
Total Supply	14,019	14,087	13,916	13,992
Exports	185	75	25	25
Deliveries	12,019	12,125	12,235	12,205
Food 6/	11,888	11,950	12,080	12,050
Other 7/	131	175	155	155
Miscellaneous	0	0	0	0
Total Use	12,204	12,200	12,260	12,230
Ending Stocks	1,815	1,887	1,656	1,762
Stocks to Use Ratio	14.9	15.5	13.5	14.4

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 (125) 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 (16) 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.						
	Sep	811	6,117	70	4,761	1,187	1,050
	Oct	811	6,117	70	4,761	1,190	1,047
2016/17 Proj.	Sep	1,050	6,100	10	4,828	1,084	1,248
	Oct	1,047	6,300	10	4,828	1,282	1,248

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): Oct-Sep 2014/15 = 1,444; Oct-Aug 14/15 = 1,320, Oct-Aug 2015/16 = 1,352. 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 - 558 - 17

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

	2014/15	2015/16 Est.	2016/17 Proj. Sep	2016/17 Proj. Oct
Area				
		<i>Million Acres</i>		
Planted	11.04	8.58	10.15	10.15
Harvested	9.35	8.07	9.66	9.66
		<i>Pounds</i>		
Yield per Harvested Acre	838	766	802	797
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	2.35	3.65	3.80	3.80
Production	16.32	12.89	16.14	16.03
Imports	0.01	0.03	0.01	0.01
Supply, Total	18.68	16.57	19.95	19.84
Domestic Use	3.58	3.45	3.50	3.50
Exports, Total	11.25	9.15	11.50	12.00
Use, Total	14.82	12.60	15.00	15.50
Unaccounted 2/	0.21	0.17	0.05	0.04
Ending Stocks	3.65	3.80	4.90	4.30
Avg. Farm Price 3/	61.3	58.0	57.00 - 69.00	59.00 - 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.

## WASDE - 558 - 18

**World Wheat 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/	193.96	728.25	159.10	131.79	706.14	164.42	216.08
United States	16.07	55.15	4.12	3.09	31.33	23.52	20.48
Total Foreign	177.90	673.11	154.98	128.70	674.80	140.90	195.60
Major Exporters 4/	27.39	224.18	6.66	62.87	147.32	81.47	29.44
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	3.77	9.10	24.16	7.05
European Union 5/	9.94	156.92	5.98	55.00	124.68	35.42	12.74
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/	216.08	735.02	169.94	137.14	711.44	172.00	239.66
United States	20.48	56.12	3.07	4.13	32.02	21.09	26.55
Total Foreign	195.60	678.90	166.86	133.00	679.42	150.90	213.11
Major Exporters 4/	29.44	223.41	7.56	67.53	152.19	81.91	26.30
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	7.05	27.59	0.49	2.63	7.83	22.13	5.17
European Union 5/	12.74	160.01	6.92	61.00	130.98	34.68	14.01
Major Importers 6/	112.47	204.29	92.22	27.61	263.40	6.45	139.13
Brazil	0.87	5.54	6.75	0.50	10.50	1.06	1.60
China	76.11	130.19	3.48	10.50	112.00	0.73	97.04
Sel. Mideast 7/	13.51	18.80	19.14	4.60	37.15	0.55	13.74
N. Africa 8/	12.69	19.91	27.78	2.28	43.62	0.72	16.04
Pakistan	3.72	25.10	0.01	0.80	24.40	0.60	3.83
Southeast Asia 9/	3.82	0.00	24.55	8.04	22.33	0.97	5.08
Selected Other							
India	17.20	86.53	0.47	4.20	88.64	1.06	14.50
FSU-12	19.97	117.72	7.37	25.70	77.91	51.48	15.67
Russia	6.29	61.04	0.82	14.00	37.00	25.54	5.60
Kazakhstan	3.25	13.75	0.07	2.10	6.90	7.60	2.56
Ukraine	5.18	27.27	0.03	4.50	12.50	17.43	2.55

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 - 558 - 19

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

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Sep	240.89	744.85	168.44	148.04	736.68	172.80	249.07
	Oct	239.66	744.44	169.91	144.94	735.73	174.68	248.37
United States	Sep	26.71	63.16	3.13	8.98	37.20	25.86	29.93
	Oct	26.55	62.86	3.40	7.08	35.30	26.54	30.98
Total Foreign	Sep	214.19	681.69	165.31	139.06	699.47	146.95	219.13
	Oct	213.11	681.58	166.51	137.87	700.43	148.15	217.39
Major Exporters 4/	Sep	27.36	217.67	7.64	66.90	152.06	75.00	25.61
	Oct	26.30	217.42	7.64	66.10	151.66	75.50	24.20
Argentina	Sep	0.86	14.40	0.01	0.10	6.30	8.00	0.96
	Oct	0.86	14.40	0.01	0.10	6.30	8.00	0.96
Australia	Sep	6.26	27.50	0.15	4.00	7.46	19.50	6.95
	Oct	6.26	28.30	0.15	4.00	7.46	20.50	6.75
Canada	Sep	5.17	30.50	0.49	3.80	9.00	21.50	5.65
	Oct	5.17	31.50	0.49	4.00	9.20	22.00	5.95
European Union 5/	Sep	15.07	145.27	7.00	59.00	129.30	26.00	12.04
	Oct	14.01	143.22	7.00	58.00	128.70	25.00	10.53
Major Importers 6/	Sep	139.20	197.64	86.83	31.32	270.23	7.14	146.30
	Oct	139.13	197.91	86.88	31.42	270.68	7.34	145.90
Brazil	Sep	1.31	6.00	5.80	0.30	10.10	1.50	1.51
	Oct	1.60	6.34	6.00	0.50	10.60	1.50	1.84
China	Sep	97.04	128.00	3.50	15.00	117.00	0.80	110.74
	Oct	97.04	128.00	3.50	15.00	117.00	0.80	110.74
Sel. Mideast 7/	Sep	13.73	19.41	17.36	4.61	38.25	0.55	11.70
	Oct	13.74	19.41	17.36	4.61	38.25	0.55	11.71
N. Africa 8/	Sep	16.23	14.20	28.45	2.38	44.85	0.84	13.19
	Oct	16.04	14.13	28.10	2.28	44.80	0.84	12.63
Pakistan	Sep	3.83	25.30	0.03	0.80	24.50	0.90	3.75
	Oct	3.83	25.30	0.03	0.80	24.50	0.90	3.75
Southeast Asia 9/	Sep	5.08	0.00	21.50	7.24	21.96	0.99	3.64
	Oct	5.08	0.00	21.50	7.24	21.96	0.99	3.64
Selected Other								
India	Sep	14.50	90.00	2.00	4.50	95.10	0.40	11.00
	Oct	14.50	90.00	3.00	4.50	96.10	0.40	11.00
FSU-12	Sep	15.65	131.43	7.55	27.60	80.12	54.14	20.37
	Oct	15.67	131.43	7.55	27.10	79.62	54.64	20.39
Russia	Sep	5.57	72.00	0.50	15.50	38.50	30.00	9.57
	Oct	5.60	72.00	0.50	15.50	38.50	30.00	9.60
Kazakhstan	Sep	2.56	16.50	0.06	2.20	7.00	8.50	3.62
	Oct	2.56	16.50	0.06	2.20	7.00	8.50	3.62
Ukraine	Sep	2.55	27.00	0.05	4.50	12.50	15.00	2.10
	Oct	2.55	27.00	0.05	4.00	12.00	15.50	2.10

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## WASDE - 558 - 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	1,306.39	169.80	752.79	1,271.96	185.68	246.09
United States	34.31	377.23	3.44	139.49	311.34	56.70	46.95
Total Foreign	177.35	929.16	166.36	613.30	960.62	128.98	199.15
Major Exporters 4/	25.53	169.11	4.70	82.69	112.74	67.50	19.09
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	13.87	21.30	3.72	3.33
Major Importers 5/	44.41	257.96	109.65	264.52	346.46	15.95	49.62
European Union 6/	15.57	170.85	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	34.07	51.63	59.55	0.09	14.61
Saudi Arabia	3.91	0.36	11.26	11.55	12.03	0.00	3.50
Southeast Asia 8/	3.97	26.86	12.87	30.69	38.70	1.07	3.95
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/	246.09	1,247.79	180.17	763.32	1,247.52	163.09	246.36
United States	46.95	366.99	3.93	137.43	312.67	57.07	48.13
Total Foreign	199.15	880.80	176.23	625.90	934.86	106.02	198.23
Major Exporters 4/	19.09	152.53	7.53	82.12	111.76	51.75	15.63
Argentina	3.29	36.94	0.01	9.26	14.32	23.11	2.80
Australia	1.53	12.44	0.00	3.89	5.57	6.80	1.60
Brazil	8.21	69.13	2.81	48.64	57.99	16.54	5.62
Canada	3.33	25.66	1.49	14.52	21.97	4.60	3.91
Major Importers 5/	49.62	245.03	123.04	270.80	352.86	15.11	49.71
European Union 6/	18.85	151.82	13.87	116.27	157.00	12.97	14.56
Japan	1.71	0.18	16.95	13.26	17.25	0.00	1.59
Mexico	4.86	32.19	14.65	26.32	44.12	1.00	6.59
N. Afr & Mideast 7/	14.61	33.78	32.96	56.76	65.07	0.25	16.04
Saudi Arabia	3.50	0.24	14.61	13.55	13.95	0.00	4.40
Southeast Asia 8/	3.95	26.56	15.19	32.46	40.57	0.90	4.24
South Korea	1.89	0.19	10.39	8.14	10.57	0.00	1.90
Selected Other							
China	102.02	231.78	17.35	166.85	238.90	0.04	112.22
FSU-12	7.44	82.76	0.56	40.20	55.26	30.88	4.62
Russia	2.43	37.43	0.12	20.45	29.84	8.71	1.43
Ukraine	3.29	33.39	0.05	10.37	13.86	21.10	1.77

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 - 558 - 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/	Sep	245.05	1,319.74	167.44	789.56	1,311.47	178.77	253.31
	Oct	246.36	1,314.79	170.77	790.33	1,311.88	181.73	249.26
United States	Sep	47.54	401.34	3.51	148.85	325.65	61.96	64.79
	Oct	48.13	399.95	3.51	148.89	325.57	63.12	62.90
Total Foreign	Sep	197.51	918.40	163.92	640.72	985.82	116.81	188.53
	Oct	198.23	914.84	167.26	641.44	986.31	118.61	186.36
Major Exporters 4/	Sep	15.37	181.96	3.30	86.05	117.14	64.89	18.61
	Oct	15.63	182.52	3.30	85.82	116.74	66.89	17.81
Argentina	Sep	2.80	44.14	0.01	10.08	15.74	27.01	4.20
	Oct	2.80	44.14	0.01	10.08	15.64	28.01	3.30
Australia	Sep	1.60	14.16	0.00	4.17	5.84	7.98	1.94
	Oct	1.60	14.26	0.00	4.27	5.94	7.98	1.94
Brazil	Sep	5.62	85.46	1.05	51.47	61.32	24.53	6.29
	Oct	5.62	86.02	1.05	51.07	60.92	25.53	6.23
Canada	Sep	3.93	24.64	1.59	14.63	22.26	3.85	4.05
	Oct	3.91	24.57	1.59	14.70	22.26	3.85	3.97
Major Importers 5/	Sep	50.17	243.10	118.89	275.86	357.83	10.56	43.77
	Oct	49.71	240.15	121.69	276.90	358.74	10.16	42.65
European Union 6/	Sep	14.95	154.38	12.53	119.60	160.55	8.86	12.47
	Oct	14.56	151.80	14.08	119.66	160.48	8.26	11.71
Japan	Sep	1.59	0.17	16.90	13.22	17.21	0.00	1.45
	Oct	1.59	0.17	16.90	13.22	17.21	0.00	1.45
Mexico	Sep	6.46	31.83	14.48	27.62	45.52	0.80	6.45
	Oct	6.59	31.83	14.78	27.92	45.82	0.80	6.57
N. Afr & Mideast 7/	Sep	15.83	27.34	33.27	55.46	63.42	0.17	12.85
	Oct	16.04	27.52	33.72	56.34	64.40	0.17	12.71
Saudi Arabia	Sep	4.40	0.24	14.01	14.13	14.53	0.00	4.12
	Oct	4.40	0.24	14.01	14.13	14.53	0.00	4.12
Southeast Asia 8/	Sep	4.64	28.86	13.32	33.91	41.92	0.74	4.16
	Oct	4.24	28.31	13.82	33.71	41.62	0.94	3.81
South Korea	Sep	1.90	0.21	10.09	7.84	10.32	0.00	1.88
	Oct	1.90	0.21	10.09	7.84	10.32	0.00	1.88
Selected Other								
China	Sep	111.88	223.70	13.70	169.50	244.65	0.03	104.60
	Oct	112.22	223.70	13.70	170.00	245.15	0.03	104.44
FSU-12	Sep	4.73	89.38	0.66	41.89	57.29	32.37	5.10
	Oct	4.62	88.88	0.66	41.39	56.79	32.67	4.70
Russia	Sep	1.43	40.00	0.11	21.20	30.85	8.96	1.72
	Oct	1.43	39.50	0.11	21.10	30.75	8.56	1.72
Ukraine	Sep	1.88	37.05	0.06	11.17	14.68	22.23	2.08
	Oct	1.77	37.05	0.06	10.77	14.28	22.93	1.67

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 - 558 - 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	1,014.37	124.85	585.57	980.76	141.74	208.92
United States	31.29	361.09	0.80	134.98	301.79	47.42	43.97
Total Foreign	144.01	653.28	124.05	450.59	678.96	94.32	164.94
Major Exporters 4/	17.58	124.33	2.30	60.15	77.95	54.06	12.20
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	11.65	0.69	2.45
Major Importers 5/	19.40	134.24	69.23	142.14	193.71	5.88	23.29
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	12.83	30.60	38.60	1.07	3.94
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/	208.92	959.14	138.68	598.47	958.01	119.46	210.05
United States	43.97	345.49	1.71	131.88	298.83	48.20	44.14
Total Foreign	164.94	613.66	136.97	466.60	659.18	71.26	165.91
Major Exporters 4/	12.20	102.90	5.31	58.50	75.80	36.70	7.90
Argentina	1.91	28.00	0.01	6.00	9.30	19.50	1.11
Brazil	7.84	67.00	2.30	46.80	55.30	16.50	5.34
South Africa	2.45	7.90	3.00	5.70	11.20	0.70	1.45
Major Importers 5/	23.29	116.94	80.48	143.15	194.54	3.71	22.45
Egypt	2.30	6.00	8.50	12.35	14.75	0.01	2.04
European Union 6/	9.47	58.48	13.40	54.70	72.71	1.80	6.84
Japan	1.35	0.00	15.00	11.50	15.10	0.00	1.25
Mexico	4.12	25.80	13.80	20.10	36.90	1.00	5.82
Southeast Asia 7/	3.94	26.51	15.18	32.40	40.50	0.90	4.23
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	1.33	7.70	13.10	1.74	1.49
China	100.46	224.58	3.18	153.50	217.50	0.01	110.71
FSU-12	3.02	40.42	0.38	18.40	21.02	21.06	1.75
Ukraine	1.82	23.33	0.03	6.70	8.00	16.50	0.68

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## WASDE - 558 - 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/	Sep	209.25	1,026.61	130.22	622.66	1,016.40	139.83	219.46
	Oct	210.05	1,025.69	133.65	624.25	1,018.93	143.79	216.81
United States	Sep	43.58	383.38	1.27	143.52	312.43	55.25	60.55
	Oct	44.14	382.48	1.27	143.52	312.43	56.52	58.94
Total Foreign	Sep	165.67	643.23	128.95	479.14	703.96	84.58	158.92
	Oct	165.91	643.22	132.38	480.73	706.50	87.28	157.88
Major Exporters 4/	Sep	7.65	132.00	1.11	61.40	79.90	50.00	10.86
	Oct	7.90	133.00	1.11	61.40	79.80	52.00	10.21
Argentina	Sep	1.11	36.50	0.01	6.80	10.60	24.00	3.02
	Oct	1.11	36.50	0.01	6.80	10.50	25.00	2.12
Brazil	Sep	5.34	82.50	0.60	49.00	58.00	24.50	5.94
	Oct	5.34	83.50	0.60	49.00	58.00	25.50	5.94
South Africa	Sep	1.20	13.00	0.50	5.60	11.30	1.50	1.90
	Oct	1.45	13.00	0.50	5.60	11.30	1.50	2.15
Major Importers 5/	Sep	23.16	120.62	76.75	145.35	196.78	3.54	20.21
	Oct	22.45	119.20	79.05	146.05	197.38	3.44	19.88
Egypt	Sep	2.04	6.00	8.75	12.65	15.05	0.01	1.73
	Oct	2.04	6.00	8.75	12.65	15.05	0.01	1.73
European Union 6/	Sep	7.24	61.15	12.00	55.20	73.20	2.00	5.19
	Oct	6.84	60.28	13.50	55.80	73.80	1.70	5.12
Japan	Sep	1.25	0.00	15.00	11.50	15.10	0.00	1.15
	Oct	1.25	0.00	15.00	11.50	15.10	0.00	1.15
Mexico	Sep	5.72	24.50	13.50	20.30	37.20	0.80	5.72
	Oct	5.82	24.50	13.80	20.60	37.50	0.80	5.82
Southeast Asia 7/	Sep	4.63	28.81	13.30	33.85	41.85	0.73	4.16
	Oct	4.23	28.26	13.80	33.65	41.55	0.93	3.81
South Korea	Sep	1.89	0.08	10.00	7.80	10.10	0.00	1.86
	Oct	1.89	0.08	10.00	7.80	10.10	0.00	1.86
Selected Other								
Canada	Sep	1.50	12.35	1.50	7.80	13.30	0.60	1.45
	Oct	1.49	12.50	1.50	7.80	13.30	0.70	1.49
China	Sep	110.67	216.00	3.00	159.00	226.00	0.02	103.65
	Oct	110.71	216.00	3.00	159.00	226.00	0.02	103.69
FSU-12	Sep	1.87	44.06	0.42	19.49	22.27	21.90	2.19
	Oct	1.75	44.06	0.42	19.09	21.87	22.60	1.77
Ukraine	Sep	0.80	26.00	0.05	7.30	8.70	17.00	1.15
	Oct	0.68	26.00	0.05	6.90	8.30	17.70	0.73

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 - 558 - 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/	114.00	478.74	41.13	478.13	43.58	114.61
United States	1.03	7.11	0.78	4.30	3.06	1.55
Total Foreign	112.97	471.63	40.35	473.83	40.52	113.05
Major Exporters 4/	36.78	159.30	0.73	133.34	32.42	31.04
India	22.80	105.48	0.00	98.24	12.24	17.80
Pakistan	0.68	6.90	0.03	2.60	3.80	1.21
Thailand	12.00	18.75	0.30	10.50	9.78	10.77
Vietnam	1.30	28.17	0.40	22.00	6.61	1.26
Major Importers 5/	11.47	64.06	13.59	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	0.96	2.84	2.60	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/	114.61	472.09	38.32	471.10	40.09	115.60
United States	1.55	6.11	0.77	3.53	3.42	1.48
Total Foreign	113.05	465.99	37.56	467.57	36.67	114.12
Major Exporters 4/	31.04	154.28	0.71	128.62	29.10	28.31
India	17.80	104.32	0.00	94.02	10.30	17.80
Pakistan	1.21	6.70	0.01	2.80	4.20	0.92
Thailand	10.77	15.80	0.30	9.80	9.20	7.87
Vietnam	1.26	27.46	0.40	22.00	5.40	1.72
Major Importers 5/	10.74	63.25	12.64	76.67	0.96	9.01
Brazil	0.64	7.21	0.80	7.80	0.60	0.25
European Union 6/	1.21	2.06	1.75	3.45	0.26	1.31
Indonesia	4.11	36.20	1.20	38.00	0.00	3.51
Nigeria	0.99	2.71	2.10	5.20	0.00	0.60
Philippines	2.21	11.35	1.60	13.20	0.00	1.96
Sel. Mideast 7/	1.26	1.89	3.60	5.88	0.00	0.88
Selected Other						0.00
Burma	0.75	12.20	0.04	10.70	1.40	0.89
C. Amer & Carib 8/	0.50	1.63	1.89	3.42	0.02	0.57
China	57.44	145.77	4.80	144.00	0.27	63.74
Egypt	0.92	4.00	0.10	3.90	0.20	0.92
Japan	2.82	7.65	0.70	8.60	0.08	2.49
Mexico	0.16	0.15	0.70	0.89	0.00	0.12
South Korea	1.41	4.33	0.35	4.25	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 - 558 - 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/	Sep	112.68	481.73	38.72	478.80	40.94	115.60
	Oct	115.60	483.26	38.71	478.16	41.22	120.70
United States	Sep	1.48	7.53	0.75	4.22	3.65	1.88
	Oct	1.48	7.49	0.75	4.22	3.56	1.94
Total Foreign	Sep	111.20	474.20	37.97	474.58	37.29	113.73
	Oct	114.12	475.77	37.96	473.93	37.67	118.77
Major Exporters 4/	Sep	26.02	158.20	0.67	132.80	29.15	22.94
	Oct	28.31	159.80	0.66	132.60	29.50	26.67
India	Sep	17.80	106.50	0.00	97.00	9.50	17.80
	Oct	17.80	106.50	0.00	97.00	10.00	17.30
Pakistan	Sep	0.83	6.90	0.02	2.70	4.25	0.80
	Oct	0.92	6.90	0.01	2.80	4.20	0.83
Thailand	Sep	6.17	17.00	0.25	11.10	9.00	3.32
	Oct	7.87	18.60	0.25	10.60	9.50	6.62
Vietnam	Sep	1.22	27.80	0.40	22.00	6.40	1.02
	Oct	1.72	27.80	0.40	22.20	5.80	1.92
Major Importers 5/	Sep	9.26	65.89	12.35	77.30	1.23	8.96
	Oct	9.01	65.36	12.05	76.75	1.08	8.59
Brazil	Sep	0.25	8.50	0.60	7.95	0.80	0.60
	Oct	0.25	8.03	0.65	7.90	0.65	0.38
European Union 6/	Sep	1.31	2.03	1.75	3.50	0.28	1.30
	Oct	1.31	2.03	1.75	3.50	0.28	1.30
Indonesia	Sep	3.71	36.60	1.25	38.00	0.00	3.56
	Oct	3.51	36.60	1.25	37.70	0.00	3.66
Nigeria	Sep	0.65	2.70	2.00	5.10	0.00	0.25
	Oct	0.60	2.70	2.00	5.00	0.00	0.30
Philippines	Sep	1.96	12.00	1.50	13.30	0.00	2.16
	Oct	1.96	12.00	1.20	13.30	0.00	1.86
Sel. Mideast 7/	Sep	0.88	2.11	3.70	6.00	0.00	0.69
	Oct	0.88	2.06	3.65	5.90	0.00	0.69
Selected Other							
Burma	Sep	0.89	12.50	0.00	10.85	1.70	0.84
	Oct	0.89	12.50	0.00	10.85	1.70	0.84
C. Amer & Carib 8/	Sep	0.52	1.77	1.80	3.53	0.02	0.53
	Oct	0.57	1.77	1.80	3.53	0.02	0.58
China	Sep	63.21	146.50	5.00	144.50	0.30	69.91
	Oct	63.74	146.50	5.00	144.00	0.30	70.94
Egypt	Sep	0.85	4.00	0.04	3.95	0.20	0.74
	Oct	0.92	4.55	0.30	4.00	0.30	1.48
Japan	Sep	2.49	7.68	0.70	8.70	0.09	2.09
	Oct	2.49	7.68	0.70	8.70	0.09	2.09
Mexico	Sep	0.12	0.17	0.75	0.89	0.00	0.15
	Oct	0.12	0.17	0.75	0.89	0.00	0.15
South Korea	Sep	1.83	4.00	0.41	4.33	0.00	1.90
	Oct	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 - 558 - 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	103.31	119.10	35.74	111.13	35.31	0.16	111.54
United States	2.35	16.32	0.01	3.58	11.25	0.21	3.65
Total Foreign	100.96	102.78	35.73	107.56	24.07	-0.05	107.89
Major Exporters 4/	28.43	52.63	1.74	32.33	20.52	-0.23	30.17
Central Asia 5/	3.76	6.20	3/	2.38	4.67	0.00	2.90
Afr. Fr. Zone 6/	1.46	5.09	3/	0.14	4.21	0.00	2.20
S. Hemis 7/	11.40	11.02	0.18	4.45	7.08	-0.24	11.30
Australia	1.81	2.30	3/	0.04	2.40	-0.10	1.77
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	70.86	2.63	0.17	75.86
Mexico	0.58	1.32	0.83	1.85	0.17	0.03	0.69
China	62.71	30.00	8.28	34.00	0.07	0.00	66.92
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	111.54	96.32	35.25	111.31	35.11	0.09	96.60
United States	3.65	12.89	0.03	3.45	9.15	0.17	3.80
Total Foreign	107.89	83.43	35.21	107.86	25.96	-0.08	92.80
Major Exporters 4/	30.17	46.65	1.77	31.72	22.85	-0.22	24.24
Central Asia 5/	2.90	5.80	3/	2.38	4.36	0.00	1.97
Afr. Fr. Zone 6/	2.20	4.19	3/	0.14	4.82	0.00	1.42
S. Hemis 7/	11.30	9.75	0.25	4.21	7.66	-0.23	9.67
Australia	1.77	2.60	3/	0.04	2.84	-0.10	1.60
Brazil	7.53	5.90	0.09	3.20	4.31	-0.15	6.16
India	13.49	26.40	1.07	24.25	5.76	0.00	10.94
Major Importers 8/	75.86	33.97	31.12	71.93	2.06	0.14	66.82
Mexico	0.69	0.91	0.98	1.85	0.13	0.03	0.57
China	66.92	22.00	4.41	35.00	0.13	0.00	58.20
European Union 9/	0.33	1.28	0.82	0.82	1.30	0.05	0.26
Turkey	1.60	2.65	4.22	6.65	0.23	0.00	1.58
Pakistan	2.89	7.00	3.30	10.30	0.25	0.03	2.62
Indonesia	0.60	0.01	3.00	3.00	0.02	0.00	0.59
Thailand	0.22	3/	1.28	1.25	0.00	0.03	0.22
Bangladesh	1.28	0.12	6.20	6.10	0.00	0.01	1.49
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 - 558 - 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	Sep	98.55	102.47	33.90	111.23	33.91	-0.03	89.81
	Oct	96.60	102.69	34.91	112.03	34.87	-0.04	87.35
United States	Sep	3.80	16.14	0.01	3.50	11.50	0.05	4.90
	Oct	3.80	16.03	0.01	3.50	12.00	0.04	4.30
Total Foreign	Sep	94.75	86.33	33.89	107.73	22.41	-0.09	84.91
	Oct	92.80	86.66	34.90	108.53	22.87	-0.09	83.05
Major Exporters 4/	Sep	24.37	48.91	1.80	31.49	19.52	-0.23	24.29
	Oct	24.24	49.32	2.30	31.39	19.99	-0.23	24.71
Central Asia 5/	Sep	2.19	5.81	3/	2.48	3.59	0.00	1.94
	Oct	1.97	5.84	3/	2.38	3.61	0.00	1.82
Afr. Fr. Zone 6/	Sep	1.37	4.80	3/	0.14	4.59	0.00	1.45
	Oct	1.42	4.84	3/	0.14	4.74	0.00	1.38
S. Hemis 7/	Sep	9.62	11.43	0.27	4.21	7.20	-0.24	10.14
	Oct	9.67	11.78	0.27	4.21	7.50	-0.24	10.24
Australia	Sep	1.54	3.50	3/	0.04	3.10	-0.10	2.01
	Oct	1.60	4.00	3/	0.04	3.90	-0.10	1.76
Brazil	Sep	6.16	6.65	0.10	3.20	3.40	-0.15	6.46
	Oct	6.16	6.50	0.10	3.20	2.90	-0.15	6.81
India	Sep	10.94	26.50	1.00	24.00	3.90	0.00	10.54
	Oct	10.94	26.50	1.50	24.00	3.90	0.00	11.04
Major Importers 8/	Sep	68.57	34.51	29.81	71.94	1.88	0.14	58.93
	Oct	66.82	34.46	30.28	72.87	1.87	0.14	56.68
Mexico	Sep	0.51	0.70	1.28	1.90	0.10	0.03	0.46
	Oct	0.57	0.65	1.28	1.85	0.10	0.03	0.52
China	Sep	60.20	21.00	4.50	35.00	0.10	0.00	50.60
	Oct	58.20	21.00	4.50	35.50	0.10	0.00	48.10
European Union 9/	Sep	0.27	1.23	0.83	0.84	1.14	0.05	0.29
	Oct	0.26	1.23	0.80	0.81	1.14	0.05	0.29
Turkey	Sep	1.58	3.20	3.70	6.75	0.28	0.00	1.46
	Oct	1.58	3.20	3.70	6.75	0.28	0.00	1.46
Pakistan	Sep	2.62	8.25	2.20	10.20	0.25	0.03	2.59
	Oct	2.62	8.25	2.20	10.20	0.25	0.03	2.59
Indonesia	Sep	0.59	0.01	2.80	2.80	0.01	0.00	0.59
	Oct	0.59	0.01	2.90	2.90	0.01	0.00	0.59
Thailand	Sep	0.22	3/	1.23	1.20	0.00	0.03	0.22
	Oct	0.22	3/	1.23	1.20	0.00	0.03	0.22
Bangladesh	Sep	1.29	0.12	5.90	6.00	0.00	0.01	1.30
	Oct	1.49	0.12	6.30	6.40	0.00	0.01	1.50
Vietnam	Sep	0.75	3/	4.80	4.70	0.00	0.00	0.86
	Oct	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 - 558 - 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/		61.89	319.78	123.88	263.24	300.77	126.22	78.56
United States		2.50	106.88	0.90	50.98	54.96	50.14	5.19
Total Foreign		59.39	212.90	122.98	212.26	245.82	76.08	73.37
Major Exporters 3/		41.43	170.05	0.32	84.27	91.47	68.79	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	117.19	0.29	18.62
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/		78.56	313.01	131.65	275.94	315.24	132.54	75.45
United States		5.19	106.86	0.64	51.34	54.63	52.69	5.36
Total Foreign		73.37	206.16	131.01	224.61	260.61	79.85	70.08
Major Exporters 3/		51.54	164.30	1.07	87.05	94.99	71.81	50.12
Argentina		31.92	56.80	0.65	43.30	47.67	10.30	31.40
Brazil		19.50	96.50	0.41	39.90	43.40	54.38	18.63
Paraguay		0.12	9.00	0.01	3.70	3.74	5.30	0.08
Major Importers 4/		18.62	15.25	111.43	106.55	127.21	0.33	17.76
China		17.03	11.60	82.50	81.30	95.00	0.12	16.01
European Union		0.69	2.26	14.20	14.40	15.98	0.15	1.02
Japan		0.18	0.24	3.25	2.40	3.55	0.00	0.12
Mexico		0.07	0.33	4.07	4.35	4.39	0.00	0.08
<b>2016/17 Proj.</b>								
World 2/	Sep	72.90	330.43	135.74	288.86	328.67	138.23	72.17
	Oct	75.45	333.22	136.22	288.49	328.75	138.78	77.36
United States	Sep	5.32	114.33	0.82	53.07	56.50	54.02	9.95
	Oct	5.36	116.18	0.82	53.07	56.51	55.11	10.74
Total Foreign	Sep	67.58	216.09	134.93	235.79	272.17	84.20	62.23
	Oct	70.08	217.04	135.41	235.42	272.24	83.67	66.62
Major Exporters 3/	Sep	48.11	170.17	0.66	89.25	96.93	76.69	45.33
	Oct	50.12	171.17	0.66	88.80	96.95	76.10	48.90
Argentina	Sep	30.67	57.00	0.30	44.30	48.75	10.65	28.57
	Oct	31.40	57.00	0.30	44.30	48.75	9.65	30.30
Brazil	Sep	17.25	101.00	0.35	40.50	43.60	58.40	16.60
	Oct	18.63	102.00	0.35	40.50	44.10	58.40	18.48
Paraguay	Sep	0.18	9.17	0.01	4.20	4.25	4.95	0.16
	Oct	0.08	9.17	0.01	3.80	3.85	5.30	0.11
Major Importers 4/	Sep	17.09	16.37	113.58	111.32	132.59	0.34	14.12
	Oct	17.76	16.35	114.00	111.26	132.54	0.33	15.24
China	Sep	15.51	12.50	86.00	87.00	101.20	0.15	12.66
	Oct	16.01	12.50	86.00	86.50	100.70	0.15	13.66
European Union	Sep	0.92	2.44	13.00	13.80	15.39	0.15	0.82
	Oct	1.02	2.42	13.00	13.80	15.39	0.15	0.89
Japan	Sep	0.12	0.24	3.10	2.20	3.33	0.00	0.14
	Oct	0.12	0.24	3.10	2.20	3.33	0.00	0.14
Mexico	Sep	0.06	0.37	4.00	4.28	4.33	0.00	0.11
	Oct	0.08	0.37	4.20	4.50	4.55	0.00	0.10

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 - 558 - 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/		10.73	207.33	60.36	202.18	64.01	12.22
United States		0.23	40.88	0.30	29.28	11.89	0.24
Total Foreign		10.51	166.45	60.05	172.90	52.12	11.99
Major Exporters 3/		7.15	67.67	0.03	22.74	44.04	8.06
Argentina		4.07	30.93	0.00	2.30	28.58	4.13
Brazil		2.48	31.30	0.02	15.70	14.39	3.71
India		0.59	5.44	0.01	4.74	1.07	0.23
Major Importers 4/		1.53	15.04	35.94	50.25	0.70	1.56
European Union		0.25	10.74	19.16	29.54	0.36	0.25
Southeast Asia 5/		1.10	2.67	15.08	17.30	0.34	1.21
<b>2015/16 Est.</b>							
World 2/		12.22	216.47	63.32	214.95	65.68	11.37
United States		0.24	40.54	0.36	30.12	10.75	0.27
Total Foreign		11.99	175.92	62.95	184.83	54.93	11.10
Major Exporters 3/		8.06	68.86	0.07	23.40	46.11	7.49
Argentina		4.13	33.22	0.00	2.40	30.60	4.35
Brazil		3.71	30.88	0.03	16.20	15.41	3.01
India		0.23	4.76	0.04	4.80	0.10	0.13
Major Importers 4/		1.56	16.36	37.28	53.44	0.68	1.09
European Union		0.25	11.38	19.90	31.04	0.30	0.19
Southeast Asia 5/		1.21	3.17	15.63	18.87	0.38	0.76
<b>2016/17 Proj.</b>							
World 2/	Sep	12.10	226.99	66.76	225.34	69.44	11.08
	Oct	11.37	226.68	66.46	225.52	69.40	9.58
United States	Sep	0.27	41.98	0.30	31.12	11.16	0.27
	Oct	0.27	41.98	0.30	31.12	11.16	0.27
Total Foreign	Sep	11.83	185.01	66.47	194.22	58.28	10.81
	Oct	11.10	184.70	66.16	194.41	58.25	9.31
Major Exporters 3/	Sep	8.33	71.78	0.02	23.30	49.50	7.34
	Oct	7.49	71.78	0.02	24.05	49.50	5.74
Argentina	Sep	3.94	34.35	0.00	2.48	32.80	3.02
	Oct	4.35	34.35	0.00	2.48	32.80	3.42
Brazil	Sep	4.27	31.35	0.02	15.85	15.80	3.99
	Oct	3.01	31.35	0.02	16.60	15.80	1.98
India	Sep	0.13	6.08	0.00	4.97	0.90	0.34
	Oct	0.13	6.08	0.00	4.97	0.90	0.34
Major Importers 4/	Sep	1.00	15.66	40.65	55.45	0.68	1.18
	Oct	1.09	15.83	40.55	55.55	0.73	1.20
European Union	Sep	0.22	10.90	21.15	31.69	0.35	0.23
	Oct	0.19	10.90	21.15	31.69	0.35	0.20
Southeast Asia 5/	Sep	0.64	3.10	17.60	20.19	0.33	0.81
	Oct	0.76	3.27	17.50	20.29	0.38	0.86

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 - 558 - 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/		3.67	49.06	10.00	47.91	11.09	3.74
United States		0.53	9.71	0.12	8.60	0.91	0.84
Total Foreign		3.14	39.36	9.88	39.31	10.18	2.90
Major Exporters 3/		0.99	18.03	0.29	10.72	7.61	0.98
Argentina		0.24	7.69	0.02	2.50	5.09	0.35
Brazil		0.39	7.76	0.01	6.27	1.51	0.38
European Union		0.37	2.58	0.25	1.95	1.01	0.24
Major Importers 4/		1.34	15.02	5.21	20.28	0.18	1.12
China		0.97	13.35	0.77	14.20	0.11	0.78
India		0.25	1.21	2.80	4.06	0.00	0.20
North Africa 5/		0.13	0.47	1.64	2.02	0.07	0.15
<b>2015/16 Est.</b>							
World 2/		3.74	51.68	11.67	51.35	12.04	3.70
United States		0.84	9.96	0.13	9.12	1.02	0.79
Total Foreign		2.90	41.72	11.54	42.23	11.02	2.91
Major Exporters 3/		0.98	18.81	0.37	10.80	8.45	0.91
Argentina		0.35	8.42	0.01	2.58	5.90	0.29
Brazil		0.38	7.66	0.07	6.27	1.55	0.29
European Union		0.24	2.74	0.30	1.95	1.00	0.33
Major Importers 4/		1.12	15.95	6.75	22.59	0.18	1.06
China		0.78	14.57	0.67	15.30	0.10	0.62
India		0.20	1.06	4.20	5.10	0.00	0.36
North Africa 5/		0.15	0.32	1.88	2.19	0.07	0.09
<b>2016/17 Proj.</b>							
World 2/	Sep	3.69	53.77	10.97	53.15	11.63	3.66
	Oct	3.70	53.70	11.09	53.19	11.73	3.58
United States	Sep	0.82	10.22	0.11	9.32	1.04	0.79
	Oct	0.79	10.22	0.11	9.32	1.02	0.78
Total Foreign	Sep	2.87	43.55	10.86	43.83	10.59	2.87
	Oct	2.91	43.49	10.98	43.87	10.71	2.80
Major Exporters 3/	Sep	0.81	18.81	0.27	11.19	7.84	0.86
	Oct	0.91	18.81	0.30	11.09	8.01	0.92
Argentina	Sep	0.32	8.44	0.01	2.82	5.61	0.34
	Oct	0.29	8.44	0.01	2.82	5.61	0.31
Brazil	Sep	0.24	7.75	0.01	6.42	1.33	0.25
	Oct	0.29	7.75	0.04	6.32	1.50	0.26
European Union	Sep	0.25	2.62	0.25	1.95	0.90	0.28
	Oct	0.33	2.62	0.25	1.95	0.90	0.35
Major Importers 4/	Sep	1.14	17.49	5.74	22.99	0.19	1.19
	Oct	1.06	17.41	6.05	23.29	0.19	1.04
China	Sep	0.70	15.59	0.82	16.20	0.11	0.80
	Oct	0.62	15.50	0.82	16.20	0.11	0.63
India	Sep	0.34	1.35	3.30	4.70	0.00	0.29
	Oct	0.36	1.35	3.60	5.00	0.00	0.31
North Africa 5/	Sep	0.09	0.56	1.62	2.09	0.08	0.10
	Oct	0.09	0.55	1.63	2.09	0.08	0.10

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 - 558 - 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	IV	6,109	6,457	12,625	9,937	1,458	11,526	24,150	1,979	51.3
	Annual	23,698	24,501	48,432	40,048	5,627	46,198	94,630	7,975	208.6
2016	I	5,935	6,230	12,222	10,039	1,435	11,609	23,830	2,039	53.0
	II	6,187	5,962	12,206	10,253	1,520	11,911	24,117	2,077	54.4
	III	6,445	6,095	12,594	10,350	1,525	12,005	24,599	2,115	52.7
	IV*	6,400	6,625	13,082	10,100	1,580	11,810	24,892	2,145	52.6
	Annual									
	Sep Proj.	24,942	24,892	50,057	40,902	6,060	47,495	97,552	8,349	212.2
Oct Proj.	24,967	24,912	50,104	40,742	6,060	47,335	97,439	8,376	212.7	
2017	I*	6,130	6,440	12,628	10,150	1,445	11,725	24,353	2,115	53.8
	II*	6,470	6,150	12,680	10,450	1,525	12,118	24,798	2,120	55.7
	III*	6,670	6,415	13,142	10,650	1,550	12,342	25,484	2,130	53.9
	Annual									
	Sep Proj.	25,800	25,510	51,546	42,005	6,135	48,695	100,241	8,515	216.1
Oct Proj.	25,880	25,865	51,979	41,650	6,135	48,340	100,319	8,570	217.3	

\* 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	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	113.26	49.26	81.7	120.7	71.6	16.80-16.90
	IV*	110-114	36-38	74-78	120-124	78-82	15.85-16.25
	Annual						
	Sep Proj.	123-125	47-47	85-86	118-120	86-87	16.10-16.30
Oct Proj.	121.94	46.15	83.8	118.5	85.3	15.80-15.90	
2017	I*	109-117	38-40	77-83	107-115	72-78	15.35-16.05
	II*	111-121	43-47	80-86	108-118	91-99	15.05-16.05
	III*	112-122	42-46	80-86	113-123	98-106	15.70-16.70
	Annual						
	Sep Proj.	116-126	42-45	85-92	111-120	95-103	16.15-17.15
Oct Proj.	112-121	39-43	78-85	111-120	93-100	15.55-16.45	

\*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 - 558 - 32

## U.S. Meats Supply and Use

		Beginning Production stocks	1/ Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita 2/ 3/	
<i>Million Pounds /4</i>									
Beef	2015	591	23,760	3,371	27,721	2,265	683	24,773	53.9
	2016 Proj. Sep	683	25,006	2,955	28,644	2,460	630	25,554	55.2
	Oct	683	25,031	3,020	28,734	2,470	630	25,634	55.4
	2017 Proj. Sep	630	25,864	2,600	29,094	2,580	600	25,914	55.6
	Oct	630	25,944	2,680	29,254	2,630	600	26,024	55.8
Pork	2015	559	24,517	1,116	26,191	5,009	590	20,593	49.7
	2016 Proj. Sep	590	24,908	1,150	26,647	5,193	625	20,829	49.9
	Oct	590	24,928	1,140	26,657	5,193	625	20,839	49.9
	2017 Proj. Sep	625	25,526	1,160	27,311	5,300	635	21,376	50.8
	Oct	625	25,881	1,160	27,666	5,400	635	21,631	51.4
Total Red Meat 5/	2015	1,190	48,520	4,700	54,410	7,279	1,320	45,810	104.8
	2016 Proj. Sep	1,320	50,147	4,326	55,793	7,659	1,301	46,833	106.3
	Oct	1,320	50,194	4,379	55,893	7,668	1,301	46,924	106.5
	2017 Proj. Sep	1,301	51,636	3,948	56,885	7,888	1,280	47,717	107.6
	Oct	1,301	52,069	4,028	57,398	8,038	1,280	48,080	108.4
Broiler	2015	680	39,620	131	40,431	6,321	832	33,277	88.9
	2016 Proj. Sep	832	40,464	131	41,428	6,565	800	34,063	90.3
	Oct	832	40,306	131	41,269	6,565	800	33,904	89.9
	2017 Proj. Sep	800	41,556	132	42,488	6,895	715	34,878	91.8
	Oct	800	41,204	132	42,136	6,895	715	34,526	90.9
Turkey	2015	193	5,627	45	5,866	529	201	5,136	16.0
	2016 Proj. Sep	201	6,060	48	6,309	565	240	5,504	17.0
	Oct	201	6,060	48	6,309	565	240	5,504	17.0
	2017 Proj. Sep	240	6,135	40	6,415	630	250	5,535	17.0
	Oct	240	6,135	40	6,415	630	250	5,535	17.0
Total Poultry 6/	2015	877	45,769	177	46,823	6,995	1,041	38,787	106.0
	2016 Proj. Sep	1,041	47,056	182	48,279	7,275	1,049	39,955	108.5
	Oct	1,041	46,898	182	48,121	7,275	1,049	39,797	108.0
	2017 Proj. Sep	1,049	48,245	174	49,468	7,665	974	40,829	110.0
	Oct	1,049	47,894	174	49,117	7,665	974	40,478	109.1
Red Meat & Poultry	2015	2,066	94,289	4,877	101,232	14,273	2,361	84,598	210.8
	2016 Proj. Sep	2,361	97,203	4,508	104,072	14,934	2,350	86,788	214.8
	Oct	2,361	97,092	4,561	104,014	14,943	2,350	86,721	214.5
	2017 Proj. Sep	2,350	99,881	4,122	106,353	15,553	2,254	88,546	217.6
	Oct	2,350	99,963	4,202	106,515	15,703	2,254	88,558	217.5

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 - 558 - 33

## U.S. Egg Supply and Use

	2014	2015	2016 Proj. Sep	2016 Proj. Oct	2017 Proj. Sep	2017 Proj. Oct
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	23.0	23.3	31.1	31.1	27.0	27.0
Production	8,431.0	7,974.7	8,349.0	8,375.9	8,515.0	8,570.0
Imports	34.7	123.5	104.7	104.7	60.0	60.0
Total Supply	8,488.7	8,121.5	8,484.8	8,511.7	8,602.0	8,657.0
Use						
Exports	378.5	313.6	258.4	263.4	295.0	295.0
Hatching Use	980.6	995.6	1,012.0	1,012.0	1,040.0	1,040.0
Ending Stocks	23.3	31.1	27.0	27.0	27.0	27.0
Disappearance						
Total	7,106.2	6,781.2	7,187.4	7,209.3	7,240.0	7,295.0
Per Capita (number)	267.1	252.9	266.1	266.9	266.2	268.2

## U.S. Milk Supply and Use

	2014	2015	2016 Proj. Sep	2016 Proj. Oct	2017 Proj. Sep	2017 Proj. Oct
Milk	<i>Billion Pounds</i>					
Production	206.1	208.6	212.2	212.7	216.1	217.3
Farm Use	1.0	1.0	1.0	1.0	1.0	1.0
Fat Basis Supply						
Beg. Commercial Stocks	11.2	11.2	13.3	13.3	13.9	13.5
Marketings	205.1	207.7	211.3	211.7	215.1	216.4
Imports	4.3	5.7	7.0	7.2	6.9	7.1
Total Cml. Supply	220.6	224.6	231.6	232.2	235.9	236.9
Fat Basis Use						
Commercial Exports	12.4	8.8	8.7	9.0	8.9	9.1
Ending Commercial Stocks	11.2	13.3	13.9	13.5	13.1	12.8
CCC Donations	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	196.9	202.5	209.0	209.7	213.9	215.0
Skim-solid Basis Supply						
Beg. Commercial Stocks	11.7	13.1	13.9	13.9	13.8	13.5
Marketings	205.1	207.7	211.3	211.7	215.1	216.4
Imports	5.6	6.0	6.6	6.7	6.3	6.4
Total Cml. Supply	222.4	226.7	231.7	232.2	235.2	236.2
Skim-solid Basis Use						
Commercial Exports	39.0	37.3	37.6	38.5	38.1	39.7
Ending Commercial Stocks	13.1	13.9	13.8	13.5	13.3	13.2
CCC Donations	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	170.3	175.5	180.3	180.2	183.8	183.3

Note: Totals may not add due to rounding.

## WASDE - 558 - 34

## U.S. Dairy Prices

	2014	2015	2016 Proj. Sep	2016 Proj. Oct	2017 Proj. Sep	2017 Proj. Oct
<b>Product Prices 1/</b>			<i>Dollars Per Pound</i>			
Cheese	2.1551	1.6454	1.600- 1.620	1.550- 1.560	1.605- 1.705	1.510- 1.600
Butter	2.1361	2.0670	2.080- 2.120	2.040- 2.070	1.955- 2.085	1.855- 1.975
Nonfat Dry Milk	1.7682	0.9016	0.810- 0.830	0.825- 0.845	0.890- 0.960	0.925- 0.995
Dry Whey	0.6538	0.3804	0.260- 0.280	0.270- 0.280	0.295- 0.325	0.330- 0.360
			<i>Dollars Per Cwt</i>			
<b>Milk Prices 2/</b>						
Class III	22.34	15.80	14.75- 14.95	14.30- 14.40	14.95- 15.95	14.20- 15.10
Class IV	22.09	14.35	13.65- 13.95	13.60- 13.80	13.80- 14.90	13.70- 14.70
All Milk 3/	23.97	17.12	16.10- 16.30	15.80- 15.90	16.15- 17.15	15.55- 16.45

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 - 558 - 35

## Reliability of October Projections 1/

Note: Tables on pages 35-37 present a record of the October 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 1.7 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 2.9 percent. The average difference between the October projection and the final estimate is 7.5 million tons, ranging from 1.2 million to 26.7 million tons. The October projection has been below the estimate 25 times and above 9 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average			Years	
<i>Percent</i>			<i>Million Metric Tons</i>			Below Final	Above Final
<b>WHEAT</b>							
Production							
World	1.7	2.9	7.5	1.2	26.7	25	9
U.S.	0.5	0.8	0.2	0.0	1.2	12	16
Foreign	1.9	3.3	7.5	1.4	26.8	25	9
Exports							
World	5.8	9.8	5.9	0.0	19.3	26	7
U.S.	8.4	14.2	2.3	0.3	10.0	15	19
Foreign	6.9	11.8	5.5	0.5	17.3	28	6
Domestic Use							
World	1.5	2.6	6.6	0.5	22.7	19	15
U.S.	5.9	10.1	1.6	0.1	3.6	10	24
Foreign	1.6	2.7	6.5	0.2	20.3	20	14
Ending Stocks							
World	8.2	14.0	9.9	0.6	32.5	26	8
U.S.	11.8	19.9	2.1	0.0	6.8	19	15
Foreign	8.7	14.8	8.5	0.0	29.3	26	8
<b>COARSE GRAINS 2/</b>							
Production							
World	1.8	3.1	14.0	0.8	33.7	27	7
U.S.	2.7	4.7	4.5	0.1	17.9	20	14
Foreign	2.3	3.8	12.9	0.6	30.0	28	6
Exports							
World	7.4	12.5	7.0	0.1	28.9	23	11
U.S.	15.6	26.5	6.7	0.7	19.3	15	19
Foreign	13.1	22.2	6.6	0.6	21.4	22	12
Domestic Use							
World	1.5	2.6	11.5	0.2	27.9	21	13
U.S.	3.7	6.3	5.7	0.0	17.0	17	17
Foreign	1.6	2.8	9.6	0.0	27.4	22	12
Ending Stocks							
World	11.8	20.1	14.8	0.2	41.2	27	7
U.S.	22.7	38.5	8.8	0.5	29.1	18	16
Foreign	15.1	25.6	12.8	0.7	44.4	29	5
<b>RICE, milled</b>							
Production							
World	2.3	4.0	6.3	0.0	20.9	26	7
U.S.	3.3	5.6	0.1	0.0	0.5	20	14
Foreign	2.4	4.0	6.3	0.1	21.0	26	8
Exports							
World	9.4	15.9	1.5	0.1	6.3	25	9
U.S.	10.1	17.1	0.2	0.0	0.8	18	14
Foreign	10.7	18.2	1.5	0.0	6.3	25	9
Domestic Use							
World	1.9	3.2	4.5	0.3	20.3	26	8
U.S.	7.6	12.9	0.2	0.0	0.6	16	17
Foreign	1.9	3.3	4.5	0.1	20.7	26	8
Ending Stocks							
World	11.7	19.8	5.4	0.2	24.4	27	7
U.S.	23.9	40.6	0.2	0.0	0.8	18	15
Foreign	12.3	20.8	5.5	0.6	24.2	27	7

1/ Footnotes at end of table.

CONTINUED

## WASDE - 558 - 36

## Reliability of October 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	4.5	7.6	6.2	0.1	28.7	18	16
U.S.	2.9	5.0	1.5	0.0	3.8	15	19
Foreign	7.3	12.4	6.2	0.0	28.1	17	17
Exports							
World	7.8	13.2	3.5	0.3	13.0	21	13
U.S.	11.5	19.5	2.5	0.1	7.5	22	12
Foreign	18.7	31.7	2.8	0.1	11.4	15	19
Domestic Use							
World	3.2	5.4	4.4	0.0	14.0	21	13
U.S.	3.9	6.6	1.3	0.0	4.5	22	11
Foreign	3.9	6.7	4.0	0.1	11.0	22	12
Ending Stocks							
World	18.0	30.5	4.8	0.3	15.0	19	15
U.S.	45.3	76.9	2.2	0.0	6.6	6	28
Foreign	19.7	33.3	4.2	0.3	12.0	19	15
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	4.6	7.8	2.9	0.0	10.9	18	15
U.S.	4.5	7.6	0.6	0.0	1.7	21	13
Foreign	5.3	9.1	2.7	0.0	10.5	17	16
Exports							
World	7.8	13.3	1.9	0.1	8.5	20	14
U.S.	18.1	30.7	1.1	0.1	3.1	20	14
Foreign	10.8	18.4	1.6	0.1	8.3	17	17
Domestic Use							
World	3.8	6.5	2.9	0.1	11.7	15	19
U.S.	7.7	13.1	0.4	0.0	1.2	18	15
Foreign	3.9	6.7	2.8	0.0	10.9	15	19
Ending Stocks							
World	13.7	23.3	4.8	0.0	15.1	20	13
U.S.	32.0	54.3	1.2	0.0	4.3	10	23
Foreign	14.8	25.1	4.5	0.2	15.6	24	10

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

## WASDE - 558 - 37

## Reliability of United States October 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	2.9	4.9	174	5	618	19	15
Exports	16.2	27.4	239	12	700	15	19
Domestic Use	4.1	6.9	227	14	558	20	14
Ending Stocks	25.6	43.4	327	18	1,187	18	16
<b>SORGHUM</b>							
Production	5.0	8.4	20	1	71	20	14
Exports	22.7	38.5	40	1	130	20	14
Domestic Use	19.4	33.0	38	0	125	16	17
Ending Stocks	48.7	82.7	30	0	142	11	22
<b>BARLEY</b>							
Production	1.5	2.6	4	0	24	9	15
Exports	49.2	83.5	12	0	38	15	16
Domestic Use	7.2	12.3	18	0	70	12	21
Ending Stocks	13.5	22.9	14	1	56	22	12
<b>OATS</b>							
Production	2.6	4.4	2	0	18	6	11
Exports	95.2	161.6	1	0	8	8	12
Domestic Use	4.9	8.3	11	0	39	13	20
Ending Stocks	23.6	40.1	16	1	47	23	11
<b>SOYBEAN MEAL</b>			<i>Thousand Short Tons</i>				
Production	3.6	6.1	1,052	123	2,815	24	10
Exports	11.9	20.3	737	0	2,100	19	14
Domestic Use	3.6	6.1	770	45	2,650	19	15
Ending Stocks	33.7	57.1	49	0	198	12	15
<b>SOYBEAN OIL</b>			<i>Million Pounds</i>				
Production	3.9	6.5	504	1	1,473	25	9
Exports	30.9	52.4	381	25	1,525	19	15
Domestic Use	3.9	6.7	428	20	1,928	23	11
Ending Stocks	26.8	45.5	402	35	1,327	16	18
<b>ANIMAL PROD. 3/</b>			<i>Million Pounds</i>				
Beef	4.0	6.8	799	18	2,461	22	11
Pork	3.3	5.7	427	2	1,592	19	14
Broilers	1.9	3.3	440	23	1,337	20	13
Turkeys	3.8	6.4	140	2	444	19	14
			<i>Million Dozen</i>				
Eggs	1.8	3.1	97	4	468	21	12
			<i>Billion Pounds</i>				
Milk	1.5	2.6	1.8	0.0	6.8	18	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 1982 through 2015 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2015.

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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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