

# World Agricultural Supply and Demand Estimates

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WASDE - 557

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**WHEAT:** The U.S. 2016/17 wheat supply and demand estimates are unchanged from last month. The marketing year average price received by producers is lowered \$0.10 per bushel at the midpoint to a range of \$3.30 to \$3.90. The reduction is due to lower than expected prices to date.

Global wheat supplies for 2016/17 are raised 0.4 million tons on a 1.4-million-ton production increase that is partially offset by decreased beginning stocks. Production increases for India, Kazakhstan, Australia, Brazil, and Canada are partially offset by reductions for the EU and China. Most changes are attributable to harvest reports and government data. The Australia increase is based on continued excellent growing conditions thus far in the growing season, with yields projected to be nearly record high. Brazil is also experiencing favorable growing conditions with yields projected record high. Global exports are raised 2.1 million tons led by a 1.0-million-ton increase for Australia and a 0.5-million-ton increase for Kazakhstan, both on larger crops. Export gains are partially offset by a 1.0-million-ton decrease in EU exports on the continued decline in supplies. Total global use is up 4.2 million tons with increases in both food and feed use. With total use rising faster than supplies, world ending stocks are lowered 3.8 million tons but remain record large.

**COARSE GRAINS:** This month's 2016/17 U.S. corn outlook is for lower production, reduced feed and residual use, lower stocks, and higher prices. Corn production is forecast at 15.093 billion bushels, down 61 million from last month. Corn supplies for 2016/17 are lowered from last month but are still forecast at a record 16.859 billion bushels, as a smaller crop more than offsets a small increase in beginning stocks due to a reduction in 2015/16 exports. Feed and residual use for 2016/17 is lowered 25 million bushels with a smaller crop and higher expected prices. Exports are unchanged from last month, reflecting the competitiveness of U.S. corn on the world market. Corn ending stocks are down from last month but, if realized, would still be the highest since 1987/88. The projected range for the season-average corn price received by producers is raised 5 cents on both ends to \$2.90 to \$3.50 per bushel. Sorghum production for 2016/17 is forecast 14 million bushels above last month on higher yields. Grain sorghum prices are projected to average \$2.75 to \$3.35 per bushel, raised 5 cents on each end from last month.

Global coarse grain production for 2016/17 is forecast down 2.8 million tons to 1,319.7 million, but still above the record reached in 2014/15. The 2016/17 foreign coarse grain outlook is for lower production, slightly higher consumption, larger trade, and reduced stocks relative to last month. Brazil corn production is raised, as relatively favorable corn prices in southern Brazil are expected to boost first-crop planted area at the expense of soybeans. Barley production is raised for Argentina, Australia, and Canada. China corn production is lowered, based on drier-than-normal conditions during July and August in western Heilongjiang and eastern Inner Mongolia. EU corn and barley production are reduced; even

with lower barley production, EU internal market prices are expected to favor greater barley feeding, offsetting reduced corn feeding. Russia barley production is down based on lower-than-expected yields for spring barley.

Corn exports are raised for Brazil with larger projected supplies for the local marketing year beginning in March 2017. Corn imports are raised for China, reflecting updated expectations of trade by non-state importers. China's barley imports are lowered as the pace of trade has slowed in recent months, despite global feed barley prices that are well below a year ago. Foreign corn ending stocks for 2016/17 are lowered 0.7 million tons from last month. Stock declines are the largest in Argentina and the EU, with the former reflecting expectations of larger exports during 2015/16. Global corn stocks, at 219.5 million, are down from last month but still projected to be record high.

**RICE:** U.S. 2016/17 all rice supplies are reduced 0.6 million cwt due to a lower production forecast that is mostly offset by increased beginning stocks. Imports are also lowered 0.5 million cwt. All rice beginning stocks for 2016/17 are raised 7.1 million cwt from last month based on USDA's August *Rice Stocks* report. All rice production is lowered 7.2 million cwt on both lower area and yield. The production estimate reflects excessive rain and flooding that has taken place in several areas of the Southern production region. The long-grain crop is lowered 4.8 million cwt to 177.9 million, but is 44.9 million cwt above the previous year and the largest crop since the 2010/11 record. Medium- and short-grain production is lowered 2.3 million cwt to 59.3 million. Total rice exports are unchanged, but domestic and residual use is lowered 5.0 million cwt to 133.0. Ending stocks are raised 4.4 million cwt and the all rice season-average farm price is lowered \$0.20 per cwt at the midpoint to a projected range of \$10.20 to \$11.20.

Global rice supplies for 2016/17 are raised 1.8 million tons on higher beginning stocks and production. Production is raised 0.7 million tons and remains record large. India production for 2016/17 is raised 1.5 million tons on an increase in projected harvested area; however, this is partially offset by a 0.7-million-ton reduction for Vietnam. Global exports for 2016/17 are raised 0.3 million tons with stronger shipments from India partially offset by reduced Vietnam exports. Global consumption for 2016/17 is lowered fractionally. With total supplies rising and total use declining, world ending stocks are raised 1.8 million tons to 115.6 million.

**OILSEEDS:** U.S. oilseed production for 2016/17 is projected at 124.3 million tons, up 4.1 million from last month with higher soybean, peanut, and cottonseed production. Soybean production is projected at a record 4,201 million bushels, up 141 million due to a higher yield forecast. Soybean supplies are raised with higher production more than offsetting lower beginning stocks. Despite higher crush and exports, 2016/17 soybean ending stocks are projected at 365 million bushels, up 35 million from last month due to higher supplies.

Changes for 2015/16 include higher exports and lower ending stocks. Exports are increased 60 million to a record 1,940 million bushels based on official trade through July and indications from record high August export inspections. Ending stocks are projected at 195 million bushels, down 60 million from last month.

The U.S. season-average soybean price is forecast at \$8.30 to \$9.80 per bushel, down 5 cents on both ends of the range. Soybean meal prices are also projected lower at \$300 to

\$340 per short ton, down 5 dollars on both ends of the range. Soybean oil prices are projected at 30.5 to 35.5 cents per pound, up 1 cent on both ends.

Global oilseed production for 2016/17 is projected at 544.5 million tons, up 1.0 million from last month. A reduction for rapeseed is offset with gains for soybeans, sunflowerseed, peanuts, and cottonseed. Lower soybean production forecasts for Brazil, India, and Canada are more than offset by higher production for the United States and China. Brazil soybean production is reduced on lower area as relatively strong corn prices in southern Brazil are expected to increase first-crop corn planting. Projected soybean production is reduced for India on lower area and yields. Lower yields reflect excessive rainfall throughout the major producing region for July and August. Soybean production is reduced for Canada on lower yields as reported by Statistics Canada. China soybean production is raised as a higher area forecast more than offsets a lower yield. Global rapeseed production is reduced slightly with reduced forecasts for the EU and Russia partly offset by an increase for Canada. The 2016/17 Canada rapeseed crop is raised with both area and yield adjusted in line with the final estimates for the 2015/16 crop recently issued by Statistics Canada. Other changes include increased peanut production for India and increased sunflowerseed production for Argentina.

Global oilseed trade for 2016/17 is reduced this month mainly reflecting reduced soybean imports for China and reduced soybean exports for Brazil and Canada. Rapeseed and sunflowerseed imports are increased for the EU partly offsetting lower rapeseed production. Global oilseed stocks for 2016/17 are projected slightly higher this month mainly reflecting the sharp increase in ending stocks of rapeseed in Canada and increased soybean stocks for the United States.

**SUGAR:** Sugar production for the fiscal year 2016/17 is increased 63,904 short tons, raw value (STRV) to 9.272 million resulting from new sugar crop forecasts made by NASS in the September *Crop Production* report. Cane sugar production in Florida is increased by 95,536 STRV based on a higher sugar per acre implied by NASS's Florida sugarcane yield forecast increase from last month of 2.0 tons/acre to 41.2 tons/acre. Partially offsetting is a beet sugar production decline of 31,632 STRV based on a lower sugar per acre implied by NASS's sugarbeet yield forecast decrease of 0.1 tons/acre to 31.3 and an area harvested reduction of 3,000 acres.

Beginning stocks for 2016/17 are increased by 70,951 STRV due to changes made to 2015/16 total supply that flowed into the ending stock estimate. The estimate of 2015/16 beet sugar production is increased by 75,951 STRV, primarily based on a lower sugarbeet pile shrink factor implied by *Sweetener Market Data* (SMD) than was forecast by processors in previous months. Imports for 2015/16 are reduced by 5,000 STRV based on a reduction of 30,000 from Mexico that is partially offset by a pace-to-date increase of 25,000 for re-export imports. The reduction for Mexico reflects the entry of half of the 60,000 STRV of the expanded export access made in May by the Commerce Department at USDA's request.

Imports for 2016/17 are reduced by 366,000 STRV to 2.652 million. All of the reduction is attributable to a decrease in imports from Mexico for 2016/17. Total use for 2016/17 is unchanged from last month. Ending stocks for 2016/17 are projected at 1.656 million STRV, implying an ending stocks-to-use ratio of 13.5 percent.

Beginning stocks for 2016/17 in Mexico are increased by 25,675 metric tons (MT) reflecting the reduction in 2015/16 exports to the United States. Exports for 2016/17 to the United States are projected to decrease from last month by 313,236 MT to 860,199, based on changes made in this month's *WASDE* projections for the United States as per the Countervailing Duty (CVD) Suspension Agreement of December 19, 2014 ("Target Quantity of U.S. Sugar Needs"). Ending stocks for 2016/17 are projected 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 223,963 MT.

**LIVESTOCK, POULTRY, AND DAIRY:** The forecast for total red meat and poultry production for 2016 is reduced from last month as beef, pork, and broiler production forecasts are lowered. Turkey production is raised. Beef production is forecast lower on lower expected third quarter steer and heifer slaughter. Pork production for 2016 is lowered on expectations of slightly lower carcass weights for the third quarter. USDA will release the *Quarterly Hogs and Pigs* report on September 30, providing an indication of producer farrowing intentions into early 2017. Broiler production is lowered on slower expected growth in the second half of the year. Bird weights have been lower than previously expected. Turkey production for second-half 2016 is raised on production and hatchery data. No changes are made to the 2017 production forecasts for red meat or turkey, but the production forecast for broilers was reduced. No changes are made to the egg production forecasts for 2016 or 2017.

Beef import forecasts for 2016 and 2017 are unchanged. Beef exports for 2016 are raised on improving trade prospects in a number of countries, but the forecast is unchanged for 2017. The pork export forecast for 2016 is lowered. Broiler and turkey exports are lowered for 2016 and 2017 as the recovery in exports remains slower than expected.

Cattle, hog, and broiler prices for second-half 2016 are reduced from last month as relatively weak prices are expected through the remainder of the year. The turkey price is raised on current price strength. The cattle price for 2017 is lowered and a small reduction is made to the first-quarter 2017 hog price. Poultry prices are unchanged from last month. Egg prices are lowered for 2017.

The milk production forecast for 2016 is raised from last month as the cow inventory appears to have steadied in the face of expected improvements in returns. The production forecast for 2017 is raised to reflect slightly more rapid growth in milk per cow. Fat basis exports are raised for 2016 and 2017. For 2016, cheese and cream exports have remained firm, and strength in whole milk powder (WMP) exports is expected to carry into 2017. On a skim-solids basis, the export forecasts for 2016 and 2017 are raised on higher WMP and whey sales. Both fat and skim-solids basis ending stocks for 2016 are forecast higher as butter and cheese stocks remain high; fat basis ending stocks are raised for 2017 as well.

Cheese and butter prices are lowered for 2016 and 2017 as supplies remain high, but prices for nonfat dry milk (NDM) and whey are forecast higher as the global supply tightens and demand strengthens. The Class III price is lowered for 2016 and 2017 as the reduction in the cheese price more than offsets the whey price increase. The Class IV price is lowered for 2016 as the lower butter price more than offsets the higher NDM price but is raised for 2017 as higher NDM prices more than offset the lower butter price forecast. The all milk

price is forecast lower at \$16.10 to \$16.30 per cwt for 2016 but is unchanged from last month at \$16.15 to \$17.15 per cwt for 2017.

**COTTON:** The 2016/17 U.S. cotton estimates include larger production and ending stocks relative to last month. Production is raised 263,000 bales, as increases for the Southwest and California are partially offset by reductions for the Southeast. Beginning stocks are revised 100,000 bales lower based on indicated stocks as of July 31, 2016, while domestic mill use is reduced slightly in both 2015/16 and 2016/17 based on recent activity. The export forecast is unchanged. Ending stocks are now projected at 4.9 million bales, or 33 percent of total use. The forecast range for the marketing year average farm price is unchanged at 57 to 69 cents per pound.

With larger 2016/17 world cotton production mostly offset by lower beginning stocks, world ending stocks are raised only marginally this month. Beginning stocks are reduced for Brazil, the United States, China, and others due to revisions in the 2015/16 estimates. Production is raised for several countries, including Australia, the United States, Pakistan, Turkey, Burkina Faso, and Mali, but is lowered for India, Tanzania, and Zimbabwe. Global consumption is virtually unchanged and trade is revised down marginally. World ending stocks are projected at 89.8 million bales.

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SECRETARY OF AGRICULTURE DESIGNATE

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**In 2016, the WASDE report will be released on 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	2511.87	3031.12	393.67	2455.82	575.30		
	2015/16 (Est.)	2454.05	3029.35	375.79	2430.73	598.62		
	2016/17 (Proj.)	Aug	2547.09	3145.24	388.34	2523.14	622.10	
		Sep	2546.32	3144.93	392.51	2526.95	617.98	
	Wheat	2014/15	727.87	921.71	164.42	705.92	215.80	
		2015/16 (Est.)	734.80	950.59	171.86	709.70	240.89	
		2016/17 (Proj.)	Aug	743.44	985.32	170.70	732.50	252.82
			Sep	744.85	985.74	172.80	736.68	249.07
	Coarse Grains 5/	2014/15	1305.29	1516.95	185.66	1271.81	245.14	
2015/16 (Est.)		1247.56	1492.69	162.84	1247.65	245.05		
2016/17 (Proj.)		Aug	1322.56	1567.33	176.99	1311.82	255.51	
		Sep	1319.74	1564.79	178.77	1311.47	253.31	
Rice, milled	2014/15	478.70	592.46	43.58	478.09	114.37		
	2015/16 (Est.)	471.69	586.06	41.09	473.39	112.68		
	2016/17 (Proj.)	Aug	481.08	592.59	40.65	478.83	113.77	
		Sep	481.73	594.41	40.94	478.80	115.60	
<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	82.06	347.76	75.72		
	2016/17 (Proj.)	Aug	473.44	556.18	91.47	367.63	97.08	
		Sep	472.03	555.14	91.47	367.08	96.60	
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.)	Aug	63.16	92.99	25.86	37.20	29.93	
		Sep	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	57.55	312.64	47.54		
	2016/17 (Proj.)	Aug	402.53	453.42	61.96	326.04	65.41	
		Sep	401.34	452.39	61.96	325.65	64.79	
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.)	Aug	7.76	9.77	3.65	4.38	1.74	
		Sep	7.53	9.75	3.65	4.22	1.88	

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	2,072.38	2,531.89	310.39	2,108.84	506.33
	2015/16 (Est.)	2,025.20	2,523.81	293.73	2,082.98	522.90
	2016/17 (Proj.)					
	Aug	2,073.65	2,589.06	296.87	2,155.51	525.02
	Sep	2,074.29	2,589.80	301.04	2,159.87	521.39
Wheat	2014/15	672.73	846.38	140.90	674.58	195.32
	2015/16 (Est.)	678.96	871.20	150.77	678.11	214.19
	2016/17 (Proj.)					
	Aug	680.29	892.33	144.85	695.30	222.89
	Sep	681.69	892.75	146.95	699.47	219.13
Coarse Grains 5/	2014/15	928.05	1,101.96	128.96	960.47	198.19
	2015/16 (Est.)	880.66	1,074.97	105.29	935.01	197.51
	2016/17 (Proj.)					
	Aug	920.04	1,113.91	115.03	985.77	190.10
	Sep	918.40	1,112.39	116.81	985.82	188.53
Rice, milled	2014/15	471.60	583.55	40.52	473.79	112.82
	2015/16 (Est.)	465.59	577.64	37.67	469.86	111.20
	2016/17 (Proj.)					
	Aug	473.33	582.82	37.00	474.45	112.03
	Sep	474.20	584.66	37.29	474.58	113.73

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	35.43	110.13	112.35
	2015/16 (Est.)	96.44	208.79	34.82	110.09	98.55
	2016/17 (Proj.)					
	Aug	101.58	200.76	34.02	111.26	89.61
	Sep	102.47	201.02	33.91	111.23	89.81
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.)					
	Aug	15.88	19.79	11.50	3.60	4.70
	Sep	16.14	19.95	11.50	3.50	4.90
Foreign 4/	2014/15	102.78	203.65	24.18	106.56	108.70
	2015/16 (Est.)	83.55	192.22	25.67	106.64	94.75
	2016/17 (Proj.)					
	Aug	85.70	180.97	22.52	107.66	84.91
	Sep	86.33	181.07	22.41	107.73	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 - 557 - 10

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

<b>World</b>		<b>Output</b>	<b>Total Supply</b>	<b>Trade</b>	<b>Total Use 2/</b>	<b>Ending Stocks</b>	
Oilseeds	2014/15	536.84	614.66	146.95	439.33	93.32	
	2015/16 (Est.)	520.61	613.93	153.92	449.34	84.27	
	2016/17 (Proj.)	Aug	543.46	627.11	158.56	464.72	80.49
		Sep	544.47	628.74	158.24	463.90	82.81
	Oilmeals	2014/15	299.44	313.57	85.34	294.34	15.46
		2015/16 (Est.)	307.88	323.34	88.56	305.58	14.67
2016/17 (Proj.)		Aug	319.37	333.39	93.44	316.26	13.10
	Sep	318.30	332.96	92.33	316.10	13.60	
Vegetable Oils	2014/15	177.21	200.26	76.59	171.75	22.61	
	2015/16 (Est.)	177.73	200.34	75.51	178.30	19.61	
	2016/17 (Proj.)	Aug	186.92	206.47	78.88	184.43	18.13
		Sep	186.87	206.47	78.81	184.10	18.39
<b>United States</b>							
Oilseeds	2014/15	116.03	121.83	51.12	55.11	6.76	
	2015/16 (Est.)	116.05	123.97	53.90	55.45	6.81	
	2016/17 (Proj.)	Aug	120.21	130.71	54.19	57.08	11.10
		Sep	124.26	132.52	55.15	57.43	11.52
	Oilmeals	2014/15	43.27	47.44	12.15	35.00	0.29
		2015/16 (Est.)	43.00	47.35	11.04	35.98	0.34
2016/17 (Proj.)		Aug	44.32	48.66	11.49	36.84	0.34
	Sep	44.54	48.90	11.49	37.07	0.34	
Vegetable Oils	2014/15	10.94	16.14	1.17	13.75	1.21	
	2015/16 (Est.)	11.20	16.91	1.31	14.36	1.24	
	2016/17 (Proj.)	Aug	11.47	17.20	1.35	14.70	1.15
		Sep	11.56	17.24	1.30	14.80	1.14
<b>Foreign 3/</b>							
Oilseeds	2014/15	420.81	492.83	95.84	384.22	86.57	
	2015/16 (Est.)	404.56	489.97	100.02	393.89	77.46	
	2016/17 (Proj.)	Aug	423.26	496.39	104.37	407.63	69.39
		Sep	420.21	496.22	103.10	406.47	71.29
	Oilmeals	2014/15	256.17	266.14	73.20	259.35	15.16
		2015/16 (Est.)	264.89	275.98	77.52	269.60	14.33
2016/17 (Proj.)		Aug	275.05	284.73	81.95	279.42	12.77
	Sep	273.75	284.07	80.84	279.03	13.26	
Vegetable Oils	2014/15	166.27	184.12	75.42	158.00	21.40	
	2015/16 (Est.)	166.53	183.43	74.20	163.95	18.36	
	2016/17 (Proj.)	Aug	175.45	189.27	77.54	169.73	16.98
		Sep	175.31	189.23	77.51	169.30	17.25

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 - 557 - 11

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

	2014/15	2015/16 Est.	2016/17 Proj. Aug	2016/17 Proj. Sep
			<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	52.6	52.6
			<i>Million Bushels</i>	
Beginning Stocks	590	752	981	981
Production	2,026	2,052	2,321	2,321
Imports	151	113	115	115
Supply, Total	2,768	2,917	3,417	3,417
Food	958	957	968	968
Seed	79	68	69	69
Feed and Residual	114	135	330	330
Domestic, Total	1,151	1,161	1,367	1,367
Exports	864	775	950	950
Use, Total	2,015	1,936	2,317	2,317
Ending Stocks	752	981	1,100	1,100
Avg. Farm Price (\$/bu) 2/	5.99	4.89	3.35 - 4.05	3.30 - 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 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	370	280	110	155	35	950	
	Use, Total	951	602	384	257	123	2,317	
	Ending Stocks, Total	548	248	170	103	32	1,100	
		Aug	578	238	155	103	27	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 - 557 - 12

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

FEED GRAINS	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Aug	Sep
		<i>Million Acres</i>		
Area Planted	103.5	103.1	107.4	107.4
Area Harvested	93.1	93.0	96.7	96.7
		<i>Metric Tons</i>		
Yield per Harvested Acre	4.05	3.94	4.16	4.15
		<i>Million Metric Tons</i>		
Beginning Stocks	34.3	46.9	47.3	47.5
Production	377.1	366.6	402.2	401.0
Imports	3.2	3.7	3.4	3.3
Supply, Total	414.6	417.2	452.9	451.8
Feed and Residual	139.3	137.2	149.1	148.6
Food, Seed & Industrial	171.6	174.9	176.4	176.6
Domestic, Total	310.9	312.1	325.5	325.1
Exports	56.7	57.5	62.0	62.0
Use, Total	367.6	369.7	387.5	387.1
Ending Stocks	46.9	47.5	65.4	64.8
<b>CORN</b>				
		<i>Million Acres</i>		
Area Planted	90.6	88.0	94.1	94.1
Area Harvested	83.1	80.7	86.6	86.6
		<i>Bushels</i>		
Yield per Harvested Acre	171.0	168.4	175.1	174.4
		<i>Million Bushels</i>		
Beginning Stocks	1,232	1,731	1,706	1,716
Production	14,216	13,601	15,153	15,093
Imports	32	65	50	50
Supply, Total	15,479	15,397	16,909	16,859
Feed and Residual	5,314	5,200	5,675	5,650
Food, Seed & Industrial 2/	6,567	6,567	6,650	6,650
Ethanol & by-products 3/	5,200	5,200	5,275	5,275
Domestic, Total	11,881	11,767	12,325	12,300
Exports	1,867	1,915	2,175	2,175
Use, Total	13,748	13,682	14,500	14,475
Ending Stocks	1,731	1,716	2,409	2,384
Avg. Farm Price (\$/bu) 4/	3.70	3.60	2.85 - 3.45	2.90 - 3.50

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 - 557 - 13

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

SORGHUM	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Aug	Sep
	<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	73.5	75.7
Beginning Stocks	34	18	35	35
Production	433	597	475	488
Imports	0	5	1	1
Supply, Total	467	620	511	525
Feed and Residual	82	100	90	95
Food, Seed & Industrial	15	145	120	125
Total Domestic	97	245	210	220
Exports	352	340	250	250
Use, Total	449	585	460	470
Ending Stocks	18	35	51	55
Avg. Farm Price (\$/bu) 2/	4.03	3.30	2.70 - 3.30	2.75 - 3.35
<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	73.6	73.6
Beginning Stocks	82	79	102	102
Production	182	214	190	190
Imports	24	19	20	20
Supply, Total	287	311	312	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	94	94
Avg. Farm Price (\$/bu) 2/	5.30	5.52	4.55 - 5.35	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	66.0	66.0
Beginning Stocks	25	54	57	57
Production	70	90	77	77
Imports	109	86	95	90
Supply, Total	204	229	229	224
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	59	54
Avg. Farm Price (\$/bu) 2/	3.21	2.12	1.60 - 2.00	1.55 - 1.95

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 - 557 - 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.
			Aug	Sep
		<i>Million Acres</i>		
Area Planted	2.95	2.61	3.21	3.18
Area Harvested	2.93	2.58	3.19	3.13
		<i>Pounds</i>		
Yield per Harvested Acre	7,576	7,470	7,659	7,569
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	31.8	48.5	39.4	46.5
Production	222.2	192.3	244.3	237.1
Imports	24.6	24.1	24.0	23.5
Supply, Total	278.7	265.0	307.7	307.1
Domestic & Residual 3/	134.4	110.8	138.0	133.0
Exports, Total 4/	95.7	107.7	115.0	115.0
Rough	31.8	38.2	37.0	39.0
Milled (rough equiv.)	63.9	69.6	78.0	76.0
Use, Total	230.2	218.5	253.0	248.0
Ending Stocks	48.5	46.5	54.7	59.1
Avg. Milling Yield (%) 5/	70.50	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	13.40	12.20	10.40 - 11.40	10.20 - 11.20
<b>LONG-GRAIN RICE</b>				
Harvested Acres (mil.)	2.20	1.84		
Yield (pounds/acre)	7,407	7,218		
Beginning Stocks	16.2	26.5	19.5	22.7
Production	162.7	133.0	182.7	177.9
Supply, Total 7/	200.6	180.4	222.7	221.1
Domestic & Residual 3/	106.2	81.1	105.0	103.0
Exports 8/	68.0	76.5	81.0	81.0
Use, Total	174.2	157.7	186.0	184.0
Ending Stocks	26.5	22.7	36.7	37.1
Avg. Farm Price (\$/cwt) 6/	11.90	11.10	9.50 - 10.50	9.20 - 10.20
<b>MEDIUM &amp; SHORT-GRAIN RICE</b>				
Harvested Acres (mil.)	0.74	0.73		
Yield (pounds/acre)	8,080	8,103		
Beginning Stocks	13.3	20.2	18.0	20.9
Production	59.6	59.3	61.6	59.3
Supply, Total 7/	76.1	81.8	83.1	83.1
Domestic & Residual 3/	28.3	29.6	33.0	30.0
Exports 8/	27.7	31.2	34.0	34.0
Use, Total	56.0	60.9	67.0	64.0
Ending Stocks	20.2	20.9	16.1	19.1
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.30	15.50	13.10 - 14.10	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	10.00 - 11.00	9.70 - 10.70

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, SAFS forecasts based on the average of NASS monthly prices and the final price may differ. For example, the average difference between the August WASDE SAFS 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 - 557 - 15

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

SOYBEANS	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Aug	Sep
			<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	48.9	50.6
			<i>Million Bushels</i>	
Beginning Stocks	92	191	255	195
Production	3,927	3,929	4,060	4,201
Imports	33	25	30	30
Supply, Total	4,052	4,145	4,346	4,426
Crushings	1,873	1,900	1,940	1,950
Exports	1,842	1,940	1,950	1,985
Seed	96	97	95	95
Residual	50	12	31	31
Use, Total	3,862	3,949	4,016	4,061
Ending Stocks	191	195	330	365
Avg. Farm Price (\$/bu) 2/	10.10	8.95	8.35 - 9.85	8.30 - 9.80
<b>SOYBEAN OIL</b>				
			<i>Million Pounds</i>	
Beginning Stocks	1,165	1,855	1,950	1,810
Production 4/	21,399	22,080	22,405	22,525
Imports	264	275	250	250
Supply, Total	22,828	24,210	24,605	24,585
Domestic Disappearance	18,959	20,000	20,450	20,550
Biodiesel 3/	5,037	5,500	5,950	5,950
Food, Feed & other Industrial	13,922	14,500	14,500	14,600
Exports	2,014	2,400	2,400	2,300
Use, Total	20,973	22,400	22,850	22,850
Ending stocks	1,855	1,810	1,755	1,735
Avg. Price (c/lb) 2/	31.60	29.75	29.50 - 32.50	30.50 - 33.50
<b>SOYBEAN MEAL</b>				
			<i>Thousand Short Tons</i>	
Beginning Stocks	250	260	300	300
Production 4/	45,062	44,940	46,075	46,275
Imports	333	400	325	325
Supply, Total	45,645	45,600	46,700	46,900
Domestic Disappearance	32,277	33,500	34,100	34,300
Exports	13,108	11,800	12,300	12,300
Use, Total	45,384	45,300	46,400	46,600
Ending Stocks	260	300	300	300
Avg. Price (\$/s.t.) 2/	368.49	322.50	305.00 - 345.00	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 1,900 million bushels for 2015/16 and 1,950 million bushels for 2016/17.

## WASDE - 557 - 16

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

	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Aug	Sep
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,810	1,815	1,921	1,991
Production 2/	8,656	9,001	9,208	9,272
Beet Sugar	4,893	5,124	5,320	5,288
Cane Sugar	3,763	3,877	3,889	3,984
Florida	1,981	2,173	2,038	2,133
Hawaii	146	165	40	40
Louisiana	1,513	1,423	1,676	1,676
Texas	123	116	135	135
Imports	3,553	3,405	3,018	2,652
TRQ 3/	1,536	1,686	1,507	1,507
Other Program 4/	471	375	125	125
Other 5/	1,546	1,344	1,386	1,020
Mexico	1,532	1,329	1,371	1,005
Total Supply	14,019	14,221	14,147	13,916
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	1,991	1,887	1,656
Stocks to Use Ratio	14.9	16.3	15.4	13.5

1/ Fiscal years beginning Oct 1. Historical data are from FSA "Sweetener Market Data" (SMD). 2/ Production projections for 2015/16 and 2016/17 are based on Crop Production and processor projections where appropriate. 3/ For 2016/17, WTO raw sugar TRQ shortfall (99). For 2015/16, WTO raw sugar TRQ shortfall (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.	Aug	811	6,117	70	4,761	1,213	1,024
		Sep	811	6,117	70	4,761	1,187	1,050
2016/17 Proj.	Aug	1,024	6,100	10	4,828	1,183	1,123	
	Sep	1,050	6,100	10	4,828	1,084	1,248	

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 - 557 - 17

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

	2014/15	2015/16 Est.	2016/17 Proj. Aug	2016/17 Proj. Sep
Area				
			<i>Million Acres</i>	
Planted	11.04	8.58	10.02	10.15
Harvested	9.35	8.07	9.53	9.66
			<i>Pounds</i>	
Yield per Harvested Acre	838	766	800	802
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	2.35	3.65	3.90	3.80
Production	16.32	12.89	15.88	16.14
Imports	0.01	0.03	0.01	0.01
Supply, Total	18.68	16.57	19.79	19.95
Domestic Use	3.58	3.45	3.60	3.50
Exports, Total	11.25	9.15	11.50	11.50
Use, Total	14.82	12.60	15.10	15.00
Unaccounted 2/	0.21	0.17	-0.01	0.05
Ending Stocks	3.65	3.80	4.70	4.90
Avg. Farm Price 3/	61.3	58.0	57.00 - 69.00	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 - 557 - 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/	193.84	727.87	159.10	131.66	705.92	164.42	215.80
United States	16.07	55.15	4.12	3.11	31.33	23.52	20.48
Total Foreign	177.77	672.73	154.98	128.55	674.58	140.90	195.32
Major Exporters 4/	27.39	224.18	6.66	62.87	147.35	81.47	29.41
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	124.70	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/	215.80	734.80	169.59	135.67	709.70	171.86	240.89
United States	20.48	55.84	3.07	3.67	31.59	21.09	26.71
Total Foreign	195.32	678.96	166.52	132.00	678.11	150.77	214.19
Major Exporters 4/	29.41	223.41	7.56	66.53	151.11	81.91	27.36
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/	12.72	160.01	6.92	60.00	129.90	34.68	15.07
Major Importers 6/	112.47	204.29	91.86	27.61	263.10	6.32	139.20
Brazil	0.87	5.54	6.20	0.50	10.20	1.10	1.31
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	37.15	0.55	13.73
N. Africa 8/	12.69	19.91	27.98	2.28	43.63	0.72	16.23
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	7.34	25.70	77.91	51.48	15.65
Russia	6.29	61.04	0.78	14.00	37.00	25.54	5.57
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 - 557 - 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/	Aug	241.88	743.44	166.66	146.54	732.50	170.70	252.82
	Sep	240.89	744.85	168.44	148.04	736.68	172.80	249.07
United States	Aug	26.71	63.16	3.13	8.98	37.20	25.86	29.93
	Sep	26.71	63.16	3.13	8.98	37.20	25.86	29.93
Total Foreign	Aug	215.18	680.29	163.53	137.56	695.30	144.85	222.89
	Sep	214.19	681.69	165.31	139.06	699.47	146.95	219.13
Major Exporters 4/	Aug	27.41	218.40	6.64	66.70	151.86	75.00	25.59
	Sep	27.36	217.67	7.64	66.90	152.06	75.00	25.61
Argentina	Aug	0.86	14.40	0.01	0.10	6.30	8.00	0.96
	Sep	0.86	14.40	0.01	0.10	6.30	8.00	0.96
Australia	Aug	6.26	26.50	0.15	4.00	7.46	18.50	6.95
	Sep	6.26	27.50	0.15	4.00	7.46	19.50	6.95
Canada	Aug	4.56	30.00	0.49	3.60	8.80	21.50	4.75
	Sep	5.17	30.50	0.49	3.80	9.00	21.50	5.65
European Union 5/	Aug	15.73	147.50	6.00	59.00	129.30	27.00	12.93
	Sep	15.07	145.27	7.00	59.00	129.30	26.00	12.04
Major Importers 6/	Aug	139.40	199.01	87.45	30.62	269.58	6.44	149.84
	Sep	139.20	197.64	86.83	31.32	270.23	7.14	146.30
Brazil	Aug	1.11	5.30	6.00	0.30	10.10	1.00	1.31
	Sep	1.31	6.00	5.80	0.30	10.10	1.50	1.51
China	Aug	97.04	130.00	3.50	15.00	117.00	0.80	112.74
	Sep	97.04	128.00	3.50	15.00	117.00	0.80	110.74
Sel. Mideast 7/	Aug	13.63	19.41	17.18	4.61	38.30	0.55	11.37
	Sep	13.73	19.41	17.36	4.61	38.25	0.55	11.70
N. Africa 8/	Aug	16.32	14.20	28.45	1.78	44.25	0.84	13.88
	Sep	16.23	14.20	28.45	2.38	44.85	0.84	13.19
Pakistan	Aug	3.85	25.30	0.03	0.80	24.50	0.70	3.97
	Sep	3.83	25.30	0.03	0.80	24.50	0.90	3.75
Southeast Asia 9/	Aug	5.39	0.00	22.30	7.14	21.86	0.99	4.85
	Sep	5.08	0.00	21.50	7.24	21.96	0.99	3.64
Selected Other								
India	Aug	14.50	88.00	2.00	4.50	93.10	0.40	11.00
	Sep	14.50	90.00	2.00	4.50	95.10	0.40	11.00
FSU-12	Aug	16.13	129.93	7.30	27.30	79.82	53.14	20.40
	Sep	15.65	131.43	7.55	27.60	80.12	54.14	20.37
Russia	Aug	5.63	72.00	0.50	15.50	38.50	30.00	9.63
	Sep	5.57	72.00	0.50	15.50	38.50	30.00	9.57
Kazakhstan	Aug	2.57	15.00	0.06	2.10	6.90	8.00	2.73
	Sep	2.56	16.50	0.06	2.20	7.00	8.50	3.62
Ukraine	Aug	2.80	27.00	0.05	4.50	12.50	14.50	2.85
	Sep	2.55	27.00	0.05	4.50	12.50	15.00	2.10

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 - 557 - 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	1,305.29	169.90	752.74	1,271.81	185.66	245.14
United States	34.31	377.23	3.44	139.49	311.34	56.70	46.95
Total Foreign	177.35	928.05	166.46	613.25	960.47	128.96	198.19
Major Exporters 4/	25.53	169.11	4.66	82.64	112.79	67.50	19.00
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	13.82	21.30	3.72	3.33
Major Importers 5/	44.41	257.97	109.75	264.52	346.46	15.95	49.72
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	12.87	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/	245.14	1,247.56	178.26	763.22	1,247.65	162.84	245.05
United States	46.95	366.90	3.88	137.47	312.64	57.55	47.54
Total Foreign	198.19	880.66	174.38	625.76	935.01	105.29	197.51
Major Exporters 4/	19.00	151.67	8.22	82.76	112.29	51.24	15.37
Argentina	3.29	36.95	0.01	9.27	14.33	23.11	2.80
Australia	1.53	12.44	0.00	3.86	5.54	6.83	1.60
Brazil	8.21	69.15	3.01	49.35	58.71	16.04	5.62
Canada	3.33	25.66	1.46	14.46	21.97	4.56	3.93
Major Importers 5/	49.72	246.64	121.48	270.70	352.56	15.11	50.17
European Union 6/	18.85	152.41	13.67	116.27	157.00	12.97	14.95
Japan	1.71	0.18	16.95	13.26	17.25	0.00	1.59
Mexico	4.86	32.19	14.43	26.22	44.02	1.00	6.46
N. Afr & Mideast 7/	14.71	33.77	32.05	56.26	64.47	0.25	15.83
Saudi Arabia	3.50	0.24	14.61	13.55	13.95	0.00	4.40
Southeast Asia 8/	3.95	27.59	14.97	32.96	40.97	0.90	4.64
South Korea	1.89	0.19	10.39	8.14	10.57	0.00	1.90
Selected Other							
China	102.02	231.78	16.91	166.74	238.79	0.05	111.88
FSU-12	7.44	82.76	0.57	40.18	55.22	30.81	4.73
Russia	2.43	37.43	0.12	20.45	29.84	8.71	1.43
Ukraine	3.29	33.39	0.06	10.35	13.83	21.03	1.88

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 - 557 - 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/	Aug	244.76	1,322.56	166.16	790.47	1,311.82	176.99	255.51
	Sep	245.05	1,319.74	167.44	789.56	1,311.47	178.77	253.31
United States	Aug	47.29	402.53	3.60	149.37	326.04	61.96	65.41
	Sep	47.54	401.34	3.51	148.85	325.65	61.96	64.79
Total Foreign	Aug	197.47	920.04	162.56	641.10	985.77	115.03	190.10
	Sep	197.51	918.40	163.92	640.72	985.82	116.81	188.53
Major Exporters 4/	Aug	16.31	177.99	3.25	85.92	116.98	61.49	19.08
	Sep	15.37	181.96	3.30	86.05	117.14	64.89	18.61
Argentina	Aug	3.76	43.49	0.01	9.98	15.64	26.71	4.91
	Sep	2.80	44.14	0.01	10.08	15.74	27.01	4.20
Australia	Aug	1.60	13.66	0.00	4.17	5.84	7.48	1.94
	Sep	1.60	14.16	0.00	4.17	5.84	7.98	1.94
Brazil	Aug	5.66	82.96	1.00	51.44	61.27	22.03	6.32
	Sep	5.62	85.46	1.05	51.47	61.32	24.53	6.29
Canada	Aug	3.87	24.32	1.59	14.62	22.25	3.75	3.78
	Sep	3.93	24.64	1.59	14.63	22.26	3.85	4.05
Major Importers 5/	Aug	49.27	245.93	118.69	275.51	357.48	12.01	44.40
	Sep	50.17	243.10	118.89	275.86	357.83	10.56	43.77
European Union 6/	Aug	15.05	156.81	12.53	119.50	160.45	10.36	13.59
	Sep	14.95	154.38	12.53	119.60	160.55	8.86	12.47
Japan	Aug	1.59	0.17	16.90	13.22	17.21	0.00	1.45
	Sep	1.59	0.17	16.90	13.22	17.21	0.00	1.45
Mexico	Aug	6.21	32.23	14.48	27.72	45.62	0.80	6.49
	Sep	6.46	31.83	14.48	27.62	45.52	0.80	6.45
N. Afr & Mideast 7/	Aug	15.64	27.34	33.37	55.51	63.47	0.17	12.71
	Sep	15.83	27.34	33.27	55.46	63.42	0.17	12.85
Saudi Arabia	Aug	4.00	0.24	13.71	13.73	14.13	0.00	3.82
	Sep	4.40	0.24	14.01	14.13	14.53	0.00	4.12
Southeast Asia 8/	Aug	4.48	28.86	13.32	33.91	41.92	0.69	4.06
	Sep	4.64	28.86	13.32	33.91	41.92	0.74	4.16
South Korea	Aug	1.90	0.21	10.09	7.84	10.32	0.00	1.88
	Sep	1.90	0.21	10.09	7.84	10.32	0.00	1.88
Selected Other								
China	Aug	111.88	225.70	12.70	170.40	245.65	0.03	104.60
	Sep	111.88	223.70	13.70	169.50	244.65	0.03	104.60
FSU-12	Aug	4.71	90.28	0.71	42.00	57.40	32.54	5.76
	Sep	4.73	89.38	0.66	41.89	57.29	32.37	5.10
Russia	Aug	1.36	40.50	0.11	21.20	30.85	9.36	1.75
	Sep	1.43	40.00	0.11	21.20	30.85	8.96	1.72
Ukraine	Aug	1.92	37.05	0.06	11.17	14.68	21.73	2.62
	Sep	1.88	37.05	0.06	11.17	14.68	22.23	2.08

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 - 557 - 22

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

<b>2014/15</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	175.30	1,013.62	124.95	585.57	980.61	141.74	208.31
United States	31.29	361.09	0.80	134.98	301.79	47.42	43.97
Total Foreign	144.01	652.53	124.15	450.59	678.82	94.32	164.34
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	69.23	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/	208.31	959.03	137.28	598.60	958.09	119.17	209.25
United States	43.97	345.49	1.65	132.09	298.89	48.64	43.58
Total Foreign	164.34	613.54	135.63	466.51	659.20	70.53	165.67
Major Exporters 4/	12.15	102.00	6.01	59.20	76.30	36.20	7.65
Argentina	1.91	28.00	0.01	6.00	9.30	19.50	1.11
Brazil	7.84	67.00	2.50	47.50	56.00	16.00	5.34
South Africa	2.40	7.00	3.50	5.70	11.00	0.70	1.20
Major Importers 5/	23.29	118.57	79.75	143.45	194.74	3.71	23.16
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	25.80	13.50	19.90	36.70	1.00	5.72
Southeast Asia 7/	3.94	27.54	14.95	32.90	40.90	0.90	4.63
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	1.30	7.70	13.10	1.70	1.50
China	100.46	224.58	3.15	153.50	217.50	0.02	110.67
FSU-12	3.02	40.42	0.40	18.40	21.02	20.96	1.87
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 - 557 - 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/	Aug	209.34	1,028.40	128.03	623.58	1,016.93	137.25	220.81
	Sep	209.25	1,026.61	130.22	622.66	1,016.40	139.83	219.46
United States	Aug	43.33	384.92	1.27	144.15	313.07	55.25	61.20
	Sep	43.58	383.38	1.27	143.52	312.43	55.25	60.55
Total Foreign	Aug	166.02	643.48	126.76	479.43	703.86	82.00	159.62
	Sep	165.67	643.23	128.95	479.14	703.96	84.58	158.92
Major Exporters 4/	Aug	8.65	129.50	1.11	61.40	79.90	47.50	11.86
	Sep	7.65	132.00	1.11	61.40	79.90	50.00	10.86
Argentina	Aug	2.11	36.50	0.01	6.80	10.60	24.00	4.02
	Sep	1.11	36.50	0.01	6.80	10.60	24.00	3.02
Brazil	Aug	5.34	80.00	0.60	49.00	58.00	22.00	5.94
	Sep	5.34	82.50	0.60	49.00	58.00	24.50	5.94
South Africa	Aug	1.20	13.00	0.50	5.60	11.30	1.50	1.90
	Sep	1.20	13.00	0.50	5.60	11.30	1.50	1.90
Major Importers 5/	Aug	22.71	121.57	76.75	145.65	197.08	3.49	20.46
	Sep	23.16	120.62	76.75	145.35	196.78	3.54	20.21
Egypt	Aug	2.04	6.00	8.75	12.65	15.05	0.01	1.73
	Sep	2.04	6.00	8.75	12.65	15.05	0.01	1.73
European Union 6/	Aug	7.24	62.10	12.00	55.70	73.70	2.00	5.64
	Sep	7.24	61.15	12.00	55.20	73.20	2.00	5.19
Japan	Aug	1.25	0.00	15.00	11.50	15.10	0.00	1.15
	Sep	1.25	0.00	15.00	11.50	15.10	0.00	1.15
Mexico	Aug	5.42	24.50	13.50	20.10	37.00	0.80	5.62
	Sep	5.72	24.50	13.50	20.30	37.20	0.80	5.72
Southeast Asia 7/	Aug	4.48	28.81	13.30	33.85	41.85	0.68	4.06
	Sep	4.63	28.81	13.30	33.85	41.85	0.73	4.16
South Korea	Aug	1.89	0.08	10.00	7.80	10.10	0.00	1.86
	Sep	1.89	0.08	10.00	7.80	10.10	0.00	1.86
Selected Other								
Canada	Aug	1.50	12.00	1.50	7.80	13.30	0.50	1.20
	Sep	1.50	12.35	1.50	7.80	13.30	0.60	1.45
China	Aug	110.67	218.00	1.00	159.00	226.00	0.02	103.65
	Sep	110.67	216.00	3.00	159.00	226.00	0.02	103.65
FSU-12	Aug	1.89	44.16	0.42	19.49	22.27	21.97	2.24
	Sep	1.87	44.06	0.42	19.49	22.27	21.90	2.19
Ukraine	Aug	0.80	26.00	0.05	7.30	8.70	17.00	1.15
	Sep	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 - 557 - 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/	113.76	478.70	41.22	478.09	43.58	114.37
United States	1.03	7.11	0.78	4.30	3.06	1.55
Total Foreign	112.73	471.60	40.43	473.79	40.52	112.82
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/	114.37	471.69	38.95	473.39	41.09	112.68
United States	1.55	6.11	0.77	3.53	3.42	1.48
Total Foreign	112.82	465.59	38.19	469.86	37.67	111.20
Major Exporters 4/	30.80	154.26	0.72	129.57	30.20	26.02
India	17.77	104.30	0.00	94.27	10.00	17.80
Pakistan	1.21	6.70	0.02	2.60	4.50	0.83
Thailand	10.57	15.80	0.30	10.80	9.70	6.17
Vietnam	1.26	27.46	0.40	21.90	6.00	1.22
Major Importers 5/	10.74	63.25	13.14	76.92	0.96	9.26
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	1.50	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	10.70	1.40	0.89
C. Amer & Carib 8/	0.50	1.63	1.83	3.41	0.02	0.52
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	0.15	0.70	0.89	0.00	0.12
South Korea	1.41	4.33	0.40	4.30	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 - 557 - 25

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

<b>2016/17 Proj.</b>		<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Total /2 Domestic</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 3/	Aug	111.51	481.08	38.57	478.83	40.65	113.77
	Sep	112.68	481.73	38.72	478.80	40.94	115.60
United States	Aug	1.25	7.76	0.76	4.38	3.65	1.74
	Sep	1.48	7.53	0.75	4.22	3.65	1.88
Total Foreign	Aug	110.26	473.33	37.80	474.45	37.00	112.03
	Sep	111.20	474.20	37.97	474.58	37.29	113.73
Major Exporters 4/	Aug	25.36	157.40	0.67	133.20	28.85	21.38
	Sep	26.02	158.20	0.67	132.80	29.15	22.94
India	Aug	17.50	105.00	0.00	97.50	8.80	16.20
	Sep	17.80	106.50	0.00	97.00	9.50	17.80
Pakistan	Aug	0.83	6.90	0.02	2.70	4.25	0.80
	Sep	0.83	6.90	0.02	2.70	4.25	0.80
Thailand	Aug	6.07	17.00	0.25	11.10	9.00	3.22
	Sep	6.17	17.00	0.25	11.10	9.00	3.32
Vietnam	Aug	0.96	28.50	0.40	21.90	6.80	1.16
	Sep	1.22	27.80	0.40	22.00	6.40	1.02
Major Importers 5/	Aug	9.22	65.89	12.35	77.30	1.23	8.93
	Sep	9.26	65.89	12.35	77.30	1.23	8.96
Brazil	Aug	0.22	8.50	0.60	7.95	0.80	0.57
	Sep	0.25	8.50	0.60	7.95	0.80	0.60
European Union 6/	Aug	1.31	2.03	1.75	3.50	0.28	1.30
	Sep	1.31	2.03	1.75	3.50	0.28	1.30
Indonesia	Aug	3.71	36.60	1.25	38.00	0.00	3.56
	Sep	3.71	36.60	1.25	38.00	0.00	3.56
Nigeria	Aug	0.65	2.70	2.00	5.10	0.00	0.25
	Sep	0.65	2.70	2.00	5.10	0.00	0.25
Philippines	Aug	1.96	12.00	1.50	13.30	0.00	2.16
	Sep	1.96	12.00	1.50	13.30	0.00	2.16
Sel. Mideast 7/	Aug	0.88	2.11	3.70	6.00	0.00	0.69
	Sep	0.88	2.11	3.70	6.00	0.00	0.69
Selected Other							
Burma	Aug	0.74	12.50	0.00	10.70	1.75	0.79
	Sep	0.89	12.50	0.00	10.85	1.70	0.84
C. Amer & Carib 8/	Aug	0.50	1.72	1.76	3.49	0.02	0.47
	Sep	0.52	1.77	1.80	3.53	0.02	0.53
China	Aug	63.21	146.50	5.00	144.50	0.30	69.91
	Sep	63.21	146.50	5.00	144.50	0.30	69.91
Egypt	Aug	0.85	4.00	0.04	3.95	0.20	0.74
	Sep	0.85	4.00	0.04	3.95	0.20	0.74
Japan	Aug	2.49	7.68	0.70	8.70	0.09	2.09
	Sep	2.49	7.68	0.70	8.70	0.09	2.09
Mexico	Aug	0.13	0.17	0.75	0.89	0.00	0.16
	Sep	0.12	0.17	0.75	0.89	0.00	0.15
South Korea	Aug	1.83	4.00	0.41	4.33	0.00	1.90
	Sep	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 - 557 - 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	35.43	0.16	112.35
United States	2.35	16.32	0.01	3.58	11.25	0.21	3.65
Total Foreign	100.88	102.78	35.73	106.56	24.18	-0.05	108.70
Major Exporters 4/	28.36	52.63	1.74	32.33	20.64	-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	7.07	-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	112.35	96.44	34.76	110.09	34.82	0.09	98.55
United States	3.65	12.89	0.03	3.45	9.15	0.17	3.80
Total Foreign	108.70	83.55	34.73	106.64	25.67	-0.08	94.75
Major Exporters 4/	29.99	46.74	1.80	31.82	22.55	-0.22	24.37
Central Asia 5/	2.90	5.80	3/	2.45	4.06	0.00	2.19
Afr. Fr. Zone 6/	2.00	4.19	3/	0.14	4.67	0.00	1.37
S. Hemis 7/	11.32	9.75	0.25	4.21	7.73	-0.23	9.62
Australia	1.78	2.60	3/	0.04	2.90	-0.10	1.54
Brazil	7.53	5.90	0.09	3.20	4.31	-0.15	6.16
India	13.49	26.40	1.10	24.25	5.80	0.00	10.94
Major Importers 8/	76.86	33.97	30.54	70.60	2.06	0.14	68.57
Mexico	0.69	0.91	0.98	1.90	0.14	0.03	0.51
China	67.92	22.00	4.41	34.00	0.13	0.00	60.20
European Union 9/	0.33	1.28	0.84	0.85	1.29	0.05	0.27
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	2.90	2.90	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	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 - 557 - 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	Aug	99.18	101.58	34.05	111.26	34.02	-0.10	89.61
	Sep	98.55	102.47	33.90	111.23	33.91	-0.03	89.81
United States	Aug	3.90	15.88	0.01	3.60	11.50	-0.01	4.70
	Sep	3.80	16.14	0.01	3.50	11.50	0.05	4.90
Total Foreign	Aug	95.28	85.70	34.04	107.66	22.52	-0.09	84.91
	Sep	94.75	86.33	33.89	107.73	22.41	-0.09	84.91
Major Exporters 4/	Aug	24.69	48.73	1.80	31.50	19.68	-0.23	24.26
	Sep	24.37	48.91	1.80	31.49	19.52	-0.23	24.29
Central Asia 5/	Aug	2.19	5.81	3/	2.48	3.59	0.00	1.94
	Sep	2.19	5.81	3/	2.48	3.59	0.00	1.94
Afr. Fr. Zone 6/	Aug	1.44	4.62	3/	0.14	4.43	0.00	1.49
	Sep	1.37	4.80	3/	0.14	4.59	0.00	1.45
S. Hemis 7/	Aug	9.95	10.95	0.27	4.22	7.21	-0.24	9.97
	Sep	9.62	11.43	0.27	4.21	7.20	-0.24	10.14
Australia	Aug	1.54	2.80	3/	0.04	2.80	-0.10	1.61
	Sep	1.54	3.50	3/	0.04	3.10	-0.10	2.01
Brazil	Aug	6.36	6.65	0.10	3.20	3.60	-0.15	6.46
	Sep	6.16	6.65	0.10	3.20	3.40	-0.15	6.46
India	Aug	10.86	27.00	1.00	24.00	4.20	0.00	10.66
	Sep	10.94	26.50	1.00	24.00	3.90	0.00	10.54
Major Importers 8/	Aug	68.78	34.06	29.96	71.87	1.83	0.14	58.96
	Sep	68.57	34.51	29.81	71.94	1.88	0.14	58.93
Mexico	Aug	0.51	0.70	1.28	1.90	0.10	0.03	0.46
	Sep	0.51	0.70	1.28	1.90	0.10	0.03	0.46
China	Aug	60.30	21.00	4.50	35.00	0.10	0.00	50.70
	Sep	60.20	21.00	4.50	35.00	0.10	0.00	50.60
European Union 9/	Aug	0.27	1.23	0.83	0.84	1.14	0.05	0.29
	Sep	0.27	1.23	0.83	0.84	1.14	0.05	0.29
Turkey	Aug	1.67	3.00	3.80	6.60	0.28	0.00	1.60
	Sep	1.58	3.20	3.70	6.75	0.28	0.00	1.46
Pakistan	Aug	2.62	8.00	2.20	10.20	0.20	0.03	2.39
	Sep	2.62	8.25	2.20	10.20	0.25	0.03	2.59
Indonesia	Aug	0.59	0.01	2.80	2.80	0.01	0.00	0.59
	Sep	0.59	0.01	2.80	2.80	0.01	0.00	0.59
Thailand	Aug	0.22	3/	1.30	1.28	0.00	0.03	0.22
	Sep	0.22	3/	1.23	1.20	0.00	0.03	0.22
Bangladesh	Aug	1.29	0.12	5.90	6.00	0.00	0.01	1.30
	Sep	1.29	0.12	5.90	6.00	0.00	0.01	1.30
Vietnam	Aug	0.75	3/	4.80	4.70	0.00	0.00	0.86
	Sep	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 - 557 - 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	312.97	130.86	277.75	316.30	133.09	72.90
United States		5.19	106.93	0.68	51.71	54.69	52.80	5.32
Total Foreign		73.27	206.04	130.18	226.04	261.62	80.29	67.58
Major Exporters 3/		51.54	164.30	1.06	89.03	96.49	72.30	48.11
Argentina		31.92	56.80	0.60	44.00	48.35	10.30	30.67
Brazil		19.50	96.50	0.45	40.70	43.70	55.50	17.25
Paraguay		0.12	9.00	0.01	4.10	4.14	4.80	0.18
Major Importers 4/		18.64	15.25	110.53	106.29	126.99	0.33	17.09
China		17.03	11.60	82.50	81.80	95.50	0.12	15.51
European Union		0.69	2.26	13.70	14.00	15.58	0.15	0.92
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/	Aug	73.00	330.41	136.62	289.89	329.82	138.97	71.24
	Sep	72.90	330.43	135.74	288.86	328.67	138.23	72.17
United States	Aug	6.95	110.50	0.82	52.80	56.22	53.07	8.97
	Sep	5.32	114.33	0.82	53.07	56.50	54.02	9.95
Total Foreign	Aug	66.05	219.91	135.81	237.09	273.59	85.90	62.27
	Sep	67.58	216.09	134.93	235.79	272.17	84.20	62.23
Major Exporters 3/	Aug	46.26	172.17	0.56	89.25	96.93	77.99	44.08
	Sep	48.11	170.17	0.66	89.25	96.93	76.69	45.33
Argentina	Aug	29.92	57.00	0.30	44.30	48.75	10.65	27.82
	Sep	30.67	57.00	0.30	44.30	48.75	10.65	28.57
Brazil	Aug	16.15	103.00	0.25	40.50	43.60	59.70	16.10
	Sep	17.25	101.00	0.35	40.50	43.60	58.40	16.60
Paraguay	Aug	0.18	9.17	0.01	4.20	4.25	4.95	0.16
	Sep	0.18	9.17	0.01	4.20	4.25	4.95	0.16
Major Importers 4/	Aug	17.46	16.07	114.58	111.32	132.59	0.34	15.19
	Sep	17.09	16.37	113.58	111.32	132.59	0.34	14.12
China	Aug	15.98	12.20	87.00	87.00	101.20	0.15	13.83
	Sep	15.51	12.50	86.00	87.00	101.20	0.15	12.66
European Union	Aug	0.82	2.44	13.00	13.80	15.39	0.15	0.72
	Sep	0.92	2.44	13.00	13.80	15.39	0.15	0.82
Japan	Aug	0.12	0.24	3.10	2.20	3.33	0.00	0.14
	Sep	0.12	0.24	3.10	2.20	3.33	0.00	0.14
Mexico	Aug	0.06	0.37	4.00	4.28	4.33	0.00	0.11
	Sep	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 - 557 - 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/		11.21	207.35	60.19	202.40	63.89	12.46
United States		0.23	40.88	0.30	29.28	11.89	0.24
Total Foreign		10.99	166.47	59.89	173.12	52.00	12.22
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/		12.46	217.86	64.19	215.63	66.78	12.10
United States		0.24	40.77	0.36	30.39	10.71	0.27
Total Foreign		12.22	177.09	63.83	185.24	56.07	11.83
Major Exporters 3/		8.50	70.02	0.03	22.90	47.31	8.33
Argentina		4.13	33.82	0.00	2.40	31.60	3.94
Brazil		4.15	31.50	0.02	15.80	15.60	4.27
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/	Aug	11.48	227.89	67.07	225.50	70.34	10.60
	Sep	12.10	226.99	66.76	225.34	69.44	11.08
United States	Aug	0.27	41.80	0.30	30.94	11.16	0.27
	Sep	0.27	41.98	0.30	31.12	11.16	0.27
Total Foreign	Aug	11.21	186.10	66.78	194.57	59.18	10.33
	Sep	11.83	185.01	66.47	194.22	58.28	10.81
Major Exporters 3/	Aug	7.77	72.74	0.02	23.40	50.30	6.83
	Sep	8.33	71.78	0.02	23.30	49.50	7.34
Argentina	Aug	3.58	34.35	0.00	2.48	32.80	2.65
	Sep	3.94	34.35	0.00	2.48	32.80	3.02
Brazil	Aug	4.07	31.35	0.02	15.85	15.80	3.79
	Sep	4.27	31.35	0.02	15.85	15.80	3.99
India	Aug	0.13	7.04	0.00	5.07	1.70	0.40
	Sep	0.13	6.08	0.00	4.97	0.90	0.34
Major Importers 4/	Aug	1.00	15.66	40.65	55.45	0.68	1.18
	Sep	1.00	15.66	40.65	55.45	0.68	1.18
European Union	Aug	0.22	10.90	21.15	31.69	0.35	0.23
	Sep	0.22	10.90	21.15	31.69	0.35	0.23
Southeast Asia 5/	Aug	0.64	3.10	17.60	20.19	0.33	0.81
	Sep	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 - 557 - 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/		3.65	49.06	10.08	48.03	11.10	3.66
United States		0.53	9.71	0.12	8.60	0.91	0.84
Total Foreign		3.12	39.36	9.96	39.43	10.19	2.81
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/		1.34	15.02	5.21	20.27	0.18	1.12
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/		0.13	0.47	1.64	2.02	0.07	0.15
<b>2015/16 Est.</b>							
World 2/		3.66	51.99	11.65	51.45	12.15	3.69
United States		0.84	10.02	0.13	9.07	1.09	0.82
Total Foreign		2.81	41.97	11.53	42.38	11.06	2.87
Major Exporters 3/		0.87	19.00	0.36	11.02	8.40	0.81
Argentina		0.35	8.54	0.01	2.68	5.90	0.32
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/		1.12	16.03	6.55	22.38	0.18	1.14
China		0.78	14.66	0.67	15.30	0.10	0.70
India		0.20	1.04	4.00	4.89	0.00	0.34
North Africa 5/		0.15	0.34	1.88	2.19	0.08	0.09
<b>2016/17 Proj.</b>							
World 2/	Aug	3.85	53.95	11.01	53.42	11.69	3.71
	Sep	3.69	53.77	10.97	53.15	11.63	3.66
United States	Aug	0.88	10.16	0.11	9.28	1.09	0.80
	Sep	0.82	10.22	0.11	9.32	1.04	0.79
Total Foreign	Aug	2.97	43.78	10.90	44.14	10.60	2.91
	Sep	2.87	43.55	10.86	43.83	10.59	2.87
Major Exporters 3/	Aug	0.84	18.81	0.27	11.19	7.84	0.89
	Sep	0.81	18.81	0.27	11.19	7.84	0.86
Argentina	Aug	0.35	8.44	0.01	2.82	5.61	0.37
	Sep	0.32	8.44	0.01	2.82	5.61	0.34
Brazil	Aug	0.24	7.75	0.01	6.42	1.33	0.25
	Sep	0.24	7.75	0.01	6.42	1.33	0.25
European Union	Aug	0.25	2.62	0.25	1.95	0.90	0.28
	Sep	0.25	2.62	0.25	1.95	0.90	0.28
Major Importers 4/	Aug	1.21	17.70	5.78	23.29	0.19	1.21
	Sep	1.14	17.49	5.74	22.99	0.19	1.19
China	Aug	0.69	15.59	0.82	16.20	0.11	0.79
	Sep	0.70	15.59	0.82	16.20	0.11	0.80
India	Aug	0.34	1.56	3.30	4.90	0.00	0.30
	Sep	0.34	1.35	3.30	4.70	0.00	0.29
North Africa 5/	Aug	0.17	0.56	1.66	2.19	0.08	0.12
	Sep	0.09	0.56	1.62	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 - 557 - 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	10,253	1,520	11,911	24,117	2,078	54.4
	III*	6,460	6,075	12,587	10,450	1,525	12,105	24,692	2,095	52.5
	IV*	6,360	6,625	13,042	10,160	1,580	11,870	24,912	2,135	52.3
	Annual									
	Aug Proj.	24,962	24,907	50,097	40,996	5,985	47,513	97,610	8,349	212.1
Sep Proj.	24,942	24,892	50,057	40,902	6,060	47,495	97,552	8,349	212.2	
2017	I*	6,050	6,260	12,368	10,225	1,445	11,800	24,168	2,080	53.5
	II*	6,470	6,065	12,596	10,540	1,525	12,208	24,804	2,100	55.4
	Annual									
	Aug Proj.	25,800	25,510	51,546	42,060	6,135	48,750	100,296	8,515	215.8
	Sep Proj.	25,800	25,510	51,546	42,005	6,135	48,695	100,241	8,515	216.1

\* 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*	113-116	49-50	83-84	119-122	71-72	16.75-16.95
	IV*	115-121	39-41	79-83	122-128	83-87	17.25-17.75
	Annual						
	Aug Proj.	124-127	47-48	86-88	116-119	85-87	16.25-16.45
Sep Proj.	123-125	47-47	85-86	118-120	86-87	16.10-16.30	
2017	I*	114-124	39-43	83-89	107-115	77-83	16.20-17.00
	II*	116-126	45-49	85-93	108-118	96-104	15.60-16.60
	Annual						
	Aug Proj.	118-128	42-45	85-92	111-120	94-102	16.15-17.15
	Sep Proj.	116-126	42-45	85-92	111-120	95-103	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 - 557 - 32

## U.S. Meats Supply and Use

		Beginning Production		Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita	
		stocks	1/							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.	Aug	683	25,026	2,955	28,664	2,450	630	25,584	55.3
		Sep	683	25,006	2,955	28,644	2,460	630	25,554	55.2
	2017 Proj.	Aug	630	25,864	2,600	29,094	2,580	600	25,914	55.6
		Sep	630	25,864	2,600	29,094	2,580	600	25,914	55.6
Pork	2015	559	24,517	1,116	26,191	5,009	590	20,593	49.7	
	2016 Proj.	Aug	590	24,923	1,150	26,662	5,218	625	20,819	49.8
		Sep	590	24,908	1,150	26,647	5,193	625	20,829	49.9
	2017 Proj.	Aug	625	25,526	1,160	27,311	5,300	635	21,376	50.8
		Sep	625	25,526	1,160	27,311	5,300	635	21,376	50.8
Total Red Meat 5/	2015	1,190	48,520	4,700	54,410	7,279	1,320	45,810	104.8	
	2016 Proj.	Aug	1,320	50,187	4,336	55,843	7,675	1,301	46,867	106.4
		Sep	1,320	50,147	4,326	55,793	7,659	1,301	46,833	106.3
	2017 Proj.	Aug	1,301	51,636	3,948	56,885	7,890	1,280	47,715	107.6
		Sep	1,301	51,636	3,948	56,885	7,888	1,280	47,717	107.6
Broiler	2015	680	39,620	131	40,431	6,321	832	33,277	88.9	
	2016 Proj.	Aug	832	40,557	131	41,521	6,675	775	34,071	90.3
		Sep	832	40,464	131	41,428	6,565	800	34,063	90.3
	2017 Proj.	Aug	775	41,610	132	42,517	6,995	715	34,807	91.6
		Sep	800	41,556	132	42,488	6,895	715	34,878	91.8
Turkey	2015	193	5,627	45	5,866	529	201	5,136	16.0	
	2016 Proj.	Aug	201	5,985	48	6,234	605	240	5,389	16.6
		Sep	201	6,060	48	6,309	565	240	5,504	17.0
	2017 Proj.	Aug	240	6,135	40	6,415	670	250	5,495	16.8
		Sep	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.	Aug	1,041	47,073	182	48,296	7,425	1,024	39,847	108.1
		Sep	1,041	47,056	182	48,279	7,275	1,049	39,955	108.5
	2017 Proj.	Aug	1,024	48,299	174	49,497	7,805	974	40,718	109.7
		Sep	1,049	48,245	174	49,468	7,665	974	40,829	110.0
Red Meat & Poultry	2015	2,066	94,289	4,877	101,232	14,273	2,361	84,598	210.8	
	2016 Proj.	Aug	2,361	97,260	4,518	104,139	15,100	2,325	86,714	214.5
		Sep	2,361	97,203	4,508	104,072	14,934	2,350	86,788	214.8
	2017 Proj.	Aug	2,325	99,935	4,122	106,382	15,695	2,254	88,433	217.3
		Sep	2,350	99,881	4,122	106,353	15,553	2,254	88,546	217.6

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



## WASDE - 557 - 33

## U.S. Egg Supply and Use

	2014	2015	2016 Proj. Aug	2016 Proj. Sep	2017 Proj. Aug	2017 Proj. Sep
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	23.0	23.3	31.1	31.1	27.0	27.0
Production	8,431.4	7,977.3	8,349.0	8,349.0	8,515.0	8,515.0
Imports	34.7	123.5	104.7	104.7	60.0	60.0
Total Supply	8,489.1	8,124.1	8,484.8	8,484.8	8,602.0	8,602.0
Use						
Exports	378.5	313.6	283.4	258.4	335.0	295.0
Hatching Use	980.6	995.6	1,016.8	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	7,106.7	6,783.8	7,157.6	7,187.4	7,200.0	7,240.0
Per Capita (number)	267.1	253.0	265.0	266.1	264.8	266.2

## U.S. Milk Supply and Use

	2014	2015	2016 Proj. Aug	2016 Proj. Sep	2017 Proj. Aug	2017 Proj. Sep
Milk	<i>Billion Pounds</i>					
Production	206.1	208.6	212.1	212.2	215.8	216.1
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	13.7	13.9
Marketings	205.1	207.7	211.1	211.3	214.9	215.1
Imports	4.3	5.7	7.1	7.0	6.9	6.9
Total Cml. Supply	220.6	224.6	231.5	231.6	235.4	235.9
Fat Basis Use						
Commercial Exports	12.4	8.8	8.5	8.7	8.7	8.9
Ending Commercial Stocks	11.2	13.3	13.7	13.9	13.0	13.1
CCC Donations	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	196.9	202.5	209.3	209.0	213.8	213.9
Skim-solid Basis Supply						
Beg. Commercial Stocks	11.7	13.1	13.9	13.9	13.6	13.8
Marketings	205.1	207.7	211.1	211.3	214.9	215.1
Imports	5.6	6.0	6.6	6.6	6.3	6.3
Total Cml. Supply	222.4	226.7	231.6	231.7	234.7	235.2
Skim-solid Basis Use						
Commercial Exports	39.0	37.3	37.1	37.6	37.4	38.1
Ending Commercial Stocks	13.1	13.9	13.6	13.8	13.3	13.3
CCC Donations	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	170.3	175.5	180.9	180.3	184.0	183.8

Note: Totals may not add due to rounding.

## WASDE - 557 - 34

## U.S. Dairy Prices

	2014	2015	2016 Proj. Aug	2016 Proj. Sep	2017 Proj. Aug	2017 Proj. Sep
<b>Product Prices 1/</b>	<i>Dollars Per Pound</i>					
Cheese	2.1551	1.6454	1.610- 1.630	1.600- 1.620	1.615- 1.715	1.605- 1.705
Butter	2.1361	2.0670	2.140- 2.180	2.080- 2.120	1.965- 2.095	1.955- 2.085
Nonfat Dry Milk	1.7682	0.9016	0.795- 0.815	0.810- 0.830	0.865- 0.935	0.890- 0.960
Dry Whey	0.6538	0.3804	0.255- 0.275	0.260- 0.280	0.285- 0.315	0.295- 0.325
	<i>Dollars Per Cwt</i>					
<b>Milk Prices 2/</b>						
Class III	22.34	15.80	14.80- 15.00	14.75- 14.95	15.00- 16.00	14.95- 15.95
Class IV	22.09	14.35	13.75- 14.05	13.65- 13.95	13.60- 14.70	13.80- 14.90
All Milk 3/	23.97	17.12	16.25- 16.45	16.10- 16.30	16.15- 17.15	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.

## Reliability of September Projections 1/

Note: Tables on pages 35-37 present a record of the September 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 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 3.4 percent. The average difference between the September projection and the final estimate is 9 million tons, ranging from 0.9 million to 30.7 million tons. The September projection has been below the estimate 23 times and above 12 times.

	Root mean square error	90 percent confidence interval	Differences between forecast and final estimate				
						Years	
			Average	Smallest	Largest	Below Final	Above Final
	<i>Percent</i>		<i>Million Metric Tons</i>				
<b>WHEAT</b>							
Production							
World	2.0	3.4	9.0	0.9	30.7	23	12
U.S.	1.9	3.3	0.9	0.0	2.5	14	21
Foreign	2.3	3.9	9.0	1.0	30.9	24	11
Exports							
World	6.0	10.2	6.3	0.3	22.0	27	8
U.S.	10.5	17.8	2.6	0.2	10.0	16	19
Foreign	7.6	12.8	6.0	0.2	21.4	26	9
Domestic Use							
World	1.7	2.9	7.2	0.2	23.4	19	16
U.S.	6.9	11.7	1.9	0.0	4.5	12	23
Foreign	1.7	2.9	7.1	0.1	21.0	23	12
Ending Stocks							
World	8.4	14.2	9.8	1.5	29.6	27	8
U.S.	14.7	25.0	2.7	0.5	12.4	19	16
Foreign	9.2	15.7	8.7	0.5	27.1	26	9
<b>COARSE GRAINS 2/</b>							
Production							
World	2.1	3.6	16.4	0.2	50.6	27	8
U.S.	4.3	7.4	7.8	0.2	26.0	23	12
Foreign	2.4	4.0	14.0	1.0	30.3	26	9
Exports							
World	7.2	12.2	6.7	0.1	25.2	24	11
U.S.	20.1	34.0	7.3	0.4	19.1	14	21
Foreign	13.9	23.5	7.2	0.7	19.3	23	12
Domestic Use							
World	1.5	2.6	11.3	0.4	33.4	20	15
U.S.	3.8	6.5	6.5	0.1	15.8	22	13
Foreign	1.7	2.9	9.8	0.4	32.7	22	13
Ending Stocks							
World	12.6	21.5	16.2	1.7	43.2	27	8
U.S.	24.0	40.7	8.7	0.4	32.2	15	20
Foreign	14.8	25.1	12.3	0.7	41.6	29	6
<b>RICE, milled</b>							
Production							
World	2.4	4.0	6.4	0.4	24.1	26	9
U.S.	4.5	7.6	0.2	0.0	0.5	20	14
Foreign	2.4	4.1	6.4	0.3	24.4	26	9
Exports							
World	9.3	15.8	1.5	0.1	6.8	25	10
U.S.	11.2	19.1	0.2	0.0	0.9	18	15
Foreign	10.4	17.7	1.5	0.1	6.8	25	10
Domestic Use							
World	1.9	3.2	4.4	0.4	22.7	27	8
U.S.	6.8	11.6	0.2	0.0	0.4	15	19
Foreign	1.9	3.3	4.5	0.2	23.1	27	8
Ending Stocks							
World	12.5	21.2	5.4	0.5	21.4	29	6
U.S.	23.0	39.0	0.2	0.0	0.9	19	16
Foreign	13.7	23.3	5.5	0.2	21.4	29	6

1/ Footnotes at end of table.

CONTINUED

## WASDE - 557 - 36

## Reliability of September 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
<b>SOYBEANS</b>	<i>Percent</i>			<i>Million Metric Tons</i>			
Production							
World	4.6	7.9	6.6	0.4	27.4	22	13
U.S.	5.2	8.9	3.0	0.2	10.4	20	15
Foreign	7.7	13.1	6.4	0.9	29.1	17	18
Exports							
World	7.5	12.7	3.3	0.2	12.5	23	12
U.S.	12.4	21.0	2.8	0.1	7.3	22	13
Foreign	18.4	31.3	2.8	0.0	10.5	14	21
Domestic Use							
World	3.5	5.9	4.7	0.0	15.1	23	12
U.S.	4.6	7.8	1.7	0.1	4.5	23	12
Foreign	4.2	7.1	4.5	0.0	11.2	23	12
Ending Stocks							
World	18.1	30.7	4.9	0.2	13.0	20	15
U.S.	39.6	67.3	2.2	0.2	6.6	10	25
Foreign	20.1	34.1	4.4	0.0	14.7	21	13
<b>COTTON</b>	<i>Million 480-Pound Bales</i>						
Production							
World	4.9	8.3	3.2	0.1	12.6	21	14
U.S.	6.1	10.4	0.8	0.0	2.4	18	16
Foreign	5.5	9.3	2.9	0.0	11.3	22	13
Exports							
World	9.5	16.1	2.2	0.0	10.1	21	14
U.S.	21.3	36.1	1.1	0.1	3.2	19	16
Foreign	12.5	21.2	1.9	0.1	8.8	18	17
Domestic Use							
World	3.9	6.7	2.9	0.1	13.1	13	22
U.S.	8.4	14.2	0.4	0.0	1.3	17	16
Foreign	4.0	6.8	2.8	0.0	12.3	14	20
Ending Stocks							
World	14.8	25.0	5.5	0.3	15.9	24	11
U.S.	34.6	58.8	1.3	0.1	5.1	15	20
Foreign	15.2	25.8	5.0	0.2	16.0	24	11

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 - 557 - 37

## Reliability of United States September 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	4.6	7.7	292	15	885	23	12
Exports	20.9	35.4	262	46	725	14	21
Domestic Use	4.2	7.1	254	0	565	22	12
Ending Stocks	27.4	46.4	323	2	1,321	15	20
<b>SORGHUM</b>							
Production	6.3	10.8	25	0	81	16	18
Exports	27.3	46.4	41	1	150	19	16
Domestic Use	25.0	42.4	39	0	120	17	16
Ending Stocks	49.5	83.9	34	1	155	10	25
<b>BARLEY</b>							
Production	5.0	8.5	11	1	36	13	22
Exports	49.5	84.1	14	0	82	15	17
Domestic Use	9.8	16.6	24	0	72	12	21
Ending Stocks	17.7	30.0	19	0	70	17	17
<b>OATS</b>							
Production	8.9	15.0	12	0	44	6	28
Exports	101.7	172.5	1	0	8	9	14
Domestic Use	5.9	10.0	14	1	39	11	24
Ending Stocks	24.0	40.7	15	2	47	18	17
<b>SOYBEAN MEAL</b>	<i>Thousand Short Tons</i>						
Production	4.4	7.5	1,295	93	4,200	24	11
Exports	14.9	25.3	909	34	4,100	20	15
Domestic Use	3.8	6.4	784	26	3,200	22	13
Ending Stocks	41.4	70.3	52	0	368	11	13
<b>SOYBEAN OIL</b>	<i>Million Pounds</i>						
Production	4.7	8.0	629	26	2,635	22	13
Exports	35.4	60.0	443	0	1,675	18	16
Domestic Use	4.2	7.2	472	86	2,150	23	12
Ending Stocks	31.3	53.2	442	60	1,357	19	16
<b>ANIMAL PROD. 3/</b>	<i>Million Pounds</i>						
Beef	4.2	7.1	826	32	2,486	25	9
Pork	3.1	5.3	418	19	1,356	21	13
Broilers	2.2	3.7	526	49	1,379	21	13
Turkeys	3.8	6.5	142	2	444	21	13
	<i>Million Dozen</i>						
Eggs	1.9	3.2	103	4	414	22	12
	<i>Billion Pounds</i>						
Milk	1.7	2.9	2.0	0.0	7.2	20	12

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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