

World Agricultural Supply and Demand Estimates

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WHEAT: The 2019/20 U.S. wheat supply and demand outlook is unchanged this month but there were offsetting by-class changes for wheat exports. The projected season-average farm price is \$4.80 per bushel, down \$0.20 on NASS monthly prices reported to date and expectations for cash and futures prices for the remainder of the marketing year (MY). Global wheat prices are expected to be restrained for the rest of the MY on greater 2019/20 exportable supplies for several major U.S. competitors compared to last year.

The global outlook for wheat this month is for lower supplies, reduced consumption and exports, and higher ending stocks. Supplies are reduced primarily on lower production forecasts for Australia and Kazakhstan on continued dry conditions. Australia's production is lowered 2 million tons to 19.0 million, mainly on the second consecutive year of drought in New South Wales and Queensland. Kazakhstan's wheat production is lowered 1.5 million tons to 11.5 million on further deteriorating conditions, and this would be its lowest output since 2012/13. This reduction in global production is tempered by higher carry-in stocks, which results in global supplies less than 1 million tons lower this month. World exports are decreased by 1.8 million tons to 180.8 million on reductions for Australia and Kazakhstan. Global consumption is lowered 1.9 million tons, led by declines for Indonesia, Russia, Uzbekistan, and Ukraine. Despite a reduction this month in global supplies, 2019/20 ending stocks are projected record large at 286.5 million tons with China comprising 51 percent of the total.

COARSE GRAINS: This month's 2019/20 U.S. corn outlook is for reduced production, lower corn used for ethanol, and slightly higher ending stocks. Corn production is forecast at 13.799 billion bushels, down 102 million from last month on a lower yield forecast. Corn supplies are down from last month, as a smaller crop more than offsets larger beginning stocks due to lower estimated exports and corn used for ethanol for 2018/19. Corn used for ethanol for 2019/20 is lowered 25 million bushels. With use falling more than supply, corn ending stocks are up 9 million bushels from last month. The season-average corn price received by producers is unchanged at \$3.60 per bushel.

This month's 2019/20 foreign coarse grain outlook is for virtually unchanged production, with fractionally lower trade and stocks relative to last month. Ukraine corn production is lowered, as dry conditions during the month of August reduce yield prospects for filling corn. EU corn production is unchanged, as reductions for France and Germany offset increases for Bulgaria and Romania. Barley production is raised for Russia, Ukraine, the EU, and Kazakhstan, but lowered for Australia and Canada.

Major global coarse grain trade changes for 2019/20 include barley export increases for Ukraine, Kazakhstan, and Russia, with a partly offsetting reduction for Australia. For 2018/19, corn exports for Brazil are raised for the local marketing year beginning March

2019, based on record large shipments during the month of August. Foreign corn ending stocks for 2019/20 are lower relative to last month, mostly reflecting declines for Brazil, Ukraine, Mexico, Paraguay, and Chile.

RICE: The outlook for 2019/20 U.S. rice this month is for much lower supplies, reduced domestic use and exports, and lower ending stocks. The August 23 NASS *Rice Stocks* report indicated lower 2018/19 ending stocks than previously estimated, thereby reducing 2019/20 beginning stocks by 5.7 million cwt. In the September *Crop Production* report, NASS reduced the 2019/20 crop by 18.1 million cwt to 187.3 million on lower harvested area and yields. NASS incorporated FSA certified acreage data this month, and all rice planted area is lowered by 216,000 acres, the result of excessive precipitation at planting time especially in the upper Mississippi River Delta. Long-grain planted area is lowered 278,000 acres while combined medium- and short-grain area is up 62,000 acres. The average all rice yield is down 14 pounds per acre to 7,563 pounds. Long-grain production is cut 22.4 million cwt and combined medium- and short-grain production is raised 4.4 million. All rice supplies are lowered 23.4 million cwt to 261.8 million, which is 7 percent below last year. Domestic and residual use and exports are each lowered 6.0 million cwt on the lower supplies. All rice ending stocks are lowered 11.4 million cwt to 35.8 million and the season-average farm price is raised \$1.00 per cwt to \$13.20.

Global 2019/20 supplies are lowered 3.1 million tons, led by a 3.0-million-ton crop reduction for India and a 0.6-million-ton reduction for the United States. Beginning stocks are raised 0.5 million tons. World 2019/20 exports are lowered 1.5 million tons with India down 0.8 million tons on the smaller crop and Thailand down 0.5 million tons on a slow pace and lack of price competitiveness in international markets. Global consumption is cut 1.2 million tons, and world ending stocks are lowered 1.9 million tons to 172.7 million, but both remain record large.

OILSEEDS: U.S. oilseed production for 2019/20 is projected at 110.2 million tons, down 1.3 million from last month with lower soybean and cottonseed production partly offset by a higher peanut forecast. Soybean production is projected at 3.6 billion bushels, down 47 million on a lower yield forecast of 47.9 bushels per acre. Soybean supplies are reduced 2 percent on lower production and beginning stocks. With soybean crush and exports unchanged, ending stocks are projected at 640 million bushels, down 115 million from last month.

The U.S. season-average soybean price for 2019/20 is forecast at \$8.50 per bushel, up 10 cents. The soybean meal price is projected at \$305 per short ton, up \$5.00. The soybean oil price forecast is unchanged at 29.5 cents per pound.

Changes for 2018/19 include higher U.S. soybean exports, higher crush, and lower ending stocks. Exports are increased 45 million bushels based on official trade data through July and indications from August export inspections, which were record high for the month. With crush raised 20 million bushels, ending stocks for 2018/19 are projected at 1.0 billion bushels, down 65 million.

This month's 2019/20 global oilseed outlook includes lower production, increased trade, and reduced stocks relative to last month. Global rapeseed production is at a 3-year low, mainly reflecting lower production for the EU on both area and yield. Australia's production is also

lowered this month due to dry weather conditions in New South Wales and Queensland. Soybean production is down slightly this month as lower U.S. production is mostly offset by higher output for India, Canada, and China.

Major global oilseed export changes for 2019/20 include higher rapeseed and soybean exports for Canada. For 2018/19, soybean exports for Brazil are lowered based on lower-than-expected shipments during the past few months. However, higher-than-expected exports by Argentina and the United States, particularly to China, are offsetting. Global soybean ending stocks for 2019/20 are lower as reduced stocks for Argentina and the United States are partly offset by higher stocks for Brazil, Iran, and India.

SUGAR: Beet sugar production for 2019/20 is projected at 5.005 million short tons, raw value (STRV), down 174,315 on reductions in NASS sugarbeet yield forecasts in *Crop Production*. The national sugarbeet yield is down 3.5 percent from August with reductions in all major producing regions. Beet sugar production for 2018/19 is decreased by 51,144 STRV to 4.957 million on processors' preliminary final crop year reporting that lowered estimated crop year sucrose recovery from sliced beets and lowered production from desugared molasses.

Raw sugar TRQ imports for the 2018/19 quota year eligible for entry until October 15 are forecast lower by 27,558 STRV, implying an increased shortfall estimate of 55,116 STRV. The reduction is expected to lower TRQ imports entering before September 30 by 22,046 STRV and imports in October by 5,512 STRV. Re-export imports for 2018/19 are estimated 20,000 STRV higher based on pace to date, largely offsetting the TRQ reduction. For 2019/20, imports from Mexico are projected at 1.118 million STRV, an increase of 149,375.

Deliveries for human consumption for 2018/19 are decreased by 25,000 STRV to 12.175 million based on a slower-than-expected pace. Corresponding deliveries for 2019/20 are decreased in line by the same amount. Ending stocks for 2018/19 are estimated at 1.747 million STRV for a stocks-to-use ratio of 14.16 percent. Ending stocks for 2019/20 are projected at 1.666 million STRV for a stocks-to-use ratio of 13.50 percent.

Mexico sugar production for 2019/20 is projected at 6.200 million metric tons, actual weight (MT), a reduction of 48,000 based on reports of drought in several producing areas. With no changes to imports, deliveries, or ending stocks, the change in exports for 2019/20 match the 48,000 MT decrease in production. Exports to the United States are projected at 956,738 MT, equal to the expected level of U.S. Needs as defined in the amended Suspension Agreements. Exports to non-U.S. destinations are projected residually at 537,091 MT.

LIVESTOCK, POULTRY, AND DAIRY: The forecast for 2019 total red meat and poultry production is lowered from last month as reduced beef, pork, and turkey production forecasts more than offset higher broiler production. Beef production is reduced from the previous month primarily on slower expected pace of fed cattle slaughter and lighter carcass weights in the fourth quarter. The pork production forecast is reduced on the current rate of slaughter in the third quarter and slightly lighter carcass weights. USDA's *Quarterly Hogs and Pigs* report will be released on September 27 and provide information on producer farrowing intentions into early 2020. The turkey forecast is reduced on lower expected third- and fourth-quarter production. The broiler production forecast is raised on recent production data and

continued growth in average bird weights for the remainder of the year. The 2019 egg production forecast is raised slightly on hatchery flock data.

For 2020, the total red meat and poultry forecast is raised from the previous month on higher expected beef and broiler production. Beef production is raised from last month as higher expected first-half 2020 marketings support higher fed cattle slaughter in 2020. First-half carcass weights are also expected to support increased beef production. The broiler production forecast is raised from the previous month on expectations of a higher proportion of heavy bird weights. Pork, turkey, and egg production forecasts are unchanged from the previous month.

Beef import and export forecasts for 2019 are reduced, reflecting recent trade data; however, no changes are made to the forecasts for 2020. The 2019 and 2020 pork export forecasts are raised from the previous month on recent trade data and expectations of continued strong global demand for U.S. pork products. The 2019 broiler export forecast is adjusted higher reflecting recent trade data, but no change is made to the 2020 export forecast. No changes are made to the 2019 and 2020 turkey trade forecasts.

The cattle price forecast for 2019 is lowered on current prices and expectations of continued price weakness; the 2020 forecast is also reduced. Hog price forecasts are reduced slightly for 2019 and first-half 2020. The 2019 broiler price forecast is raised on recent price strength, but no change is made to 2020 price forecasts. Turkey price forecasts are unchanged for both 2019 and 2020. The 2019 and 2020 egg price forecasts are raised from last month on strong demand that is expected to carry into the next year.

The milk production forecast for 2019 is raised as stronger growth in milk per cow more than offsets forecast lower cow numbers. For 2020, the milk production forecast is reduced from the previous month on slower expected growth in dairy cow numbers; however this is partly offset by slightly higher forecast milk per cow. The 2019 and 2020 fat basis import forecasts are lowered on recent trade data and expectations of slower butterfat imports. Fat basis export forecasts for 2019 and 2020 are reduced from last month on weaker expected global demand for U.S. butterfat products. The 2019 skim-solids basis import forecast is raised from the previous month on higher-than-expected imports of milk protein concentrates and a number of other dairy products. This strength is expected to carry over into 2020 and the 2020 skim-solids basis import forecast is raised. The skim-solids basis export forecast for 2019 is reduced from last month on weakness in a number of dairy products, but the 2020 skim-solids basis export forecast is raised primarily on expected strong global demand for lactose.

For 2019 and 2020, cheese, nonfat dry milk (NDM), and whey prices are raised from the previous month, but the price forecast for butter is reduced. The 2019 and 2020 the Class III price forecasts are raised from last month on higher cheese and whey prices. The 2019 and 2020 Class IV price forecasts are lowered from the previous month as lower forecast butter prices more than offset higher NDM prices. The 2019 all milk price is forecast raised to \$18.35 per cwt, and the all milk price forecast for 2020 is raised to \$18.85 per cwt.

COTTON: The 2019/20 U.S. cotton estimates include lower beginning stocks, production, exports, and consumption, while ending stocks are unchanged. Beginning stocks are reduced 400,000 bales this month, reflecting 2018/19 reported ending stocks data from the

Farm Service Agency and the NASS *Cotton System Consumption and Stocks* report. Production is lowered 654,000 bales to 21.9 million, largely due to a decline for the Southwest, while consumption is lowered 100,000 bales reflecting recent activity. Exports are projected 700,000 bales lower due to reduced U.S. production and a lower projected U.S. share of world trade. The 2019/20 season-average price for upland cotton is forecast at 58 cents per pound, down 2 cents from last month.

In both the 2017/18 and 2018/19 U.S. cotton balance sheets, the estimate for unaccounted cotton is revised downwards and exports are revised upwards. The unaccounted element of the U.S. cotton balance sheet has been growing in recent years, indicating an imbalance in the sum of the other components. The estimates for production, consumption, and stocks have maintained their consistency over this time, but a growing difference has occurred between the sources available for estimating U.S. exports. For 2017/18, exports are raised 432,000 bales, and unaccounted is reduced 332,000 bales. For 2018/19, exports are raised 546,000 bales, and unaccounted is 546,000 bales lower than the result based on the methodology used in past years. In each marketing year, revised exports are estimated as the average of the export levels reported by the Bureau of the Census and USDA's Export Sales Reporting System. See the Foreign Agricultural Service's *Cotton: World Markets and Trade* for more details on the export change and the Economic Research Service's *Cotton and Wool Outlook* for a detailed explanation of the stocks calculation.

The 2019/20 world estimates this month show higher beginning stocks, but lower production, consumption, and world trade. Production is forecast 709,000 bales lower as reductions for the United States and Australia offset an increase for India. Consumption is forecast 1.3 million bales lower than in August, with lower estimates for China, India, Brazil, Thailand, Vietnam, and the United States offsetting an increase for Turkey. World trade is lower as lower imports are forecast for China, Vietnam, and Thailand. World ending stocks for 2019/20 are forecast 1.3 million bales higher this month, at 83.7 million bales, 2.9 million bales above the revised 2018/19 estimate.

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In 2019, the WASDE report will be released on Oct 10, Nov 8, and Dec 10

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

World		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks	
Total Grains 4/	2017/18	2615.99	3412.52	414.89	2599.61	812.91	
	2018/19 (Est.)	2625.04	3437.95	425.43	2632.98	804.97	
	2019/20 (Proj.)	Aug	2664.78	3466.57	434.01	2670.19	796.39
		Sep	2656.19	3461.16	430.59	2665.77	795.40
Wheat	2017/18	762.26	1024.41	182.09	742.56	281.85	
	2018/19 (Est.)	730.84	1012.69	172.66	735.45	277.24	
	2019/20 (Proj.)	Aug	768.07	1043.56	182.63	758.16	285.40
		Sep	765.53	1042.77	180.83	756.26	286.51
Coarse Grains 5/	2017/18	1358.87	1743.63	185.67	1374.82	368.81	
	2018/19 (Est.)	1395.25	1764.06	207.67	1408.13	355.94	
	2019/20 (Proj.)	Aug	1398.85	1753.85	204.74	1417.53	336.33
		Sep	1396.44	1752.38	204.64	1416.22	336.16
Rice, milled	2017/18	494.86	644.48	47.13	482.23	162.25	
	2018/19 (Est.)	498.95	661.20	45.11	489.40	171.80	
	2019/20 (Proj.)	Aug	497.86	669.16	46.64	494.50	174.66
		Sep	494.22	666.02	45.12	493.29	172.73
United States							
Total Grains 4/	2017/18	437.43	541.29	94.57	357.95	88.76	
	2018/19 (Est.)	438.33	534.24	83.20	354.50	96.54	
	2019/20 (Proj.)	Aug	427.35	530.33	84.45	357.43	88.44
		Sep	424.14	528.81	84.26	356.44	88.11
Wheat	2017/18	47.38	83.81	24.66	29.25	29.91	
	2018/19 (Est.)	51.29	84.87	25.48	30.22	29.18	
	2019/20 (Proj.)	Aug	53.89	86.74	26.54	32.60	27.60
		Sep	53.89	86.74	26.54	32.60	27.60
Coarse Grains 5/	2017/18	384.39	449.48	67.16	324.41	57.92	
	2018/19 (Est.)	379.92	440.40	54.75	319.71	65.94	
	2019/20 (Proj.)	Aug	366.93	434.53	54.71	320.48	59.34
		Sep	364.30	433.76	54.71	319.67	59.37
Rice, milled	2017/18	5.66	8.00	2.76	4.30	0.93	
	2018/19 (Est.)	7.12	8.97	2.97	4.58	1.42	
	2019/20 (Proj.)	Aug	6.52	9.06	3.21	4.35	1.50
		Sep	5.95	8.31	3.02	4.16	1.14

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/	2017/18	2,178.57	2,871.23	320.31	2,241.66	724.15	
	2018/19 (Est.)	2,186.71	2,903.70	342.24	2,278.47	708.43	
	2019/20 (Proj.)	Aug	2,237.44	2,936.25	349.56	2,312.75	707.95
		Sep	2,232.05	2,932.35	346.33	2,309.33	707.28
Wheat	2017/18	714.88	940.60	157.43	713.31	251.95	
	2018/19 (Est.)	679.55	927.82	147.18	705.24	248.06	
	2019/20 (Proj.)	Aug	714.18	956.82	156.10	725.56	257.80
		Sep	711.64	956.02	154.30	723.65	258.91
Coarse Grains 5/	2017/18	974.49	1,294.15	118.52	1,050.42	310.89	
	2018/19 (Est.)	1,015.33	1,323.66	152.92	1,088.42	289.99	
	2019/20 (Proj.)	Aug	1,031.92	1,319.32	150.03	1,097.05	276.99
		Sep	1,032.15	1,318.62	149.93	1,096.55	276.79
Rice, milled	2017/18	489.20	636.48	44.36	477.93	161.31	
	2018/19 (Est.)	491.83	652.22	42.14	484.82	170.38	
	2019/20 (Proj.)	Aug	491.34	660.10	43.43	490.15	173.16
		Sep	488.27	657.71	42.10	489.13	171.59

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	2017/18	123.78	204.10	41.39	122.79	80.96	
	2018/19 (Est.)	119.05	200.01	41.15	120.44	80.80	
	2019/20 (Proj.)	Aug	125.61	205.88	43.85	123.07	82.45
		Sep	124.90	205.70	43.34	121.74	83.75
United States	2017/18	20.92	23.68	16.28	3.23	4.20	
	2018/19 (Est.)	18.37	22.57	14.76	2.98	4.85	
	2019/20 (Proj.)	Aug	22.52	27.77	17.20	3.10	7.20
		Sep	21.86	26.72	16.50	3.00	7.20
Foreign 4/	2017/18	102.86	180.42	25.11	119.56	76.76	
	2018/19 (Est.)	100.68	177.44	26.38	117.47	75.95	
	2019/20 (Proj.)	Aug	103.09	178.11	26.65	119.97	75.25
		Sep	103.04	178.98	26.84	118.74	76.55

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

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

World			Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2017/18		580.78	690.45	176.32	484.37	116.29
	2018/19 (Est.)		600.74	717.03	170.45	491.40	130.60
	2019/20 (Proj.)	Aug	580.86	714.72	171.99	501.47	119.17
		Sep	579.48	710.08	172.54	500.60	114.35
Oilmeals	2017/18		331.43	348.14	88.15	328.73	16.13
	2018/19 (Est.)		334.55	350.68	93.20	332.31	14.95
	2019/20 (Proj.)	Aug	341.94	357.04	94.76	338.69	14.76
		Sep	341.09	356.04	94.61	338.71	14.94
Vegetable Oils	2017/18		198.65	219.25	79.65	192.30	22.19
	2018/19 (Est.)		203.69	225.88	85.20	199.80	21.76
	2019/20 (Proj.)	Aug	208.25	230.03	87.94	204.69	20.70
		Sep	208.02	229.77	87.89	204.88	20.78
United States							
Oilseeds	2017/18		131.48	142.50	59.31	60.17	13.83
	2018/19 (Est.)		133.85	148.87	48.63	60.86	29.19
	2019/20 (Proj.)	Aug	111.50	143.82	49.53	62.25	22.23
		Sep	110.18	140.77	49.53	62.18	19.18
Oilmeals	2017/18		47.03	51.17	13.00	37.61	0.56
	2018/19 (Est.)		46.62	51.12	12.76	37.90	0.46
	2019/20 (Proj.)	Aug	47.66	51.96	12.74	38.81	0.42
		Sep	47.63	51.93	12.74	38.77	0.42
Vegetable Oils	2017/18		12.11	18.12	1.34	15.54	1.24
	2018/19 (Est.)		12.25	18.15	1.15	15.84	1.16
	2019/20 (Proj.)	Aug	12.56	18.56	1.02	16.48	1.06
		Sep	12.55	18.55	1.02	16.47	1.05
Foreign 3/							
Oilseeds	2017/18		449.30	547.95	117.00	424.20	102.46
	2018/19 (Est.)		466.89	568.16	121.82	430.54	101.41
	2019/20 (Proj.)	Aug	469.37	570.90	122.45	439.22	96.94
		Sep	469.30	569.31	123.00	438.42	95.17
Oilmeals	2017/18		284.41	296.97	75.15	291.12	15.57
	2018/19 (Est.)		287.93	299.56	80.44	294.41	14.49
	2019/20 (Proj.)	Aug	294.28	305.08	82.02	299.88	14.34
		Sep	293.46	304.12	81.87	299.94	14.52
Vegetable Oils	2017/18		186.54	201.12	78.31	176.75	20.95
	2018/19 (Est.)		191.44	207.73	84.05	183.96	20.60
	2019/20 (Proj.)	Aug	195.69	211.47	86.92	188.22	19.64
		Sep	195.46	211.23	86.86	188.41	19.73

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.

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U.S. Wheat Supply and Use 1/

	2017/18	2018/19 Est.	2019/20 Proj. Aug	2019/20 Proj. Sep
			<i>Million Acres</i>	
Area Planted	46.1	47.8	45.6	45.6
Area Harvested	37.6	39.6	38.4	38.4
			<i>Bushels</i>	
Yield per Harvested Acre	46.4	47.6	51.6	51.6
			<i>Million Bushels</i>	
Beginning Stocks	1,181	1,099	1,072	1,072
Production	1,741	1,884	1,980	1,980
Imports	158	135	135	135
Supply, Total	3,080	3,118	3,187	3,187
Food	964	955	960	960
Seed	63	60	68	68
Feed and Residual	47	96	170	170
Domestic, Total	1,075	1,110	1,198	1,198
Exports	906	936	975	975
Use, Total	1,981	2,046	2,173	2,173
Ending Stocks	1,099	1,072	1,014	1,014
Avg. Farm Price (\$/bu) 2/	4.72	5.16	5.00	4.80

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total	
				<i>Million Bushels</i>				
2018/19 (Est.)	Beginning Stocks	581	191	205	87	35	1,099	
	Production	662	587	286	272	77	1,884	
	Supply, Total 3/	1,248	846	495	365	164	3,118	
	Domestic Use	411	322	209	81	87	1,110	
	Exports	331	259	128	196	22	936	
	Use, Total	742	581	337	277	109	2,046	
	Ending Stocks, Total	506	265	158	88	55	1,072	
2019/20 (Proj.)	Beginning Stocks	506	265	158	88	55	1,072	
	Production	840	566	257	260	57	1,980	
	Supply, Total 3/	1,351	896	420	353	168	3,187	
	Domestic Use	494	314	207	96	88	1,198	
	Exports	395	265	100	190	25	975	
	Use, Total	889	579	307	286	113	2,173	
	Ending Stocks, Total							
		Sep	462	317	113	67	54	1,014
		Aug	452	322	118	67	54	1,014

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.

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

	2017/18	2018/19 Est.	2019/20 Proj. Aug	2019/20 Proj. Sep
FEED GRAINS				
		<i>Million Acres</i>		
Area Planted	100.9	100.1	100.7	100.7
Area Harvested	90.5	89.6	90.0	90.0
		<i>Metric Tons</i>		
Yield per Harvested Acre	4.24	4.24	4.07	4.05
		<i>Million Metric Tons</i>		
Beginning Stocks	62.1	57.9	63.9	65.9
Production	384.1	379.7	366.7	364.1
Imports	2.7	2.3	3.4	3.2
Supply, Total	449.0	439.9	434.0	433.2
Feed and Residual	138.6	139.3	137.6	137.4
Food, Seed & Industrial	185.3	179.9	182.4	181.8
Domestic, Total	323.9	319.2	320.0	319.1
Exports	67.2	54.7	54.7	54.7
Use, Total	391.1	373.9	374.7	373.9
Ending Stocks	57.9	65.9	59.3	59.4
CORN				
		<i>Million Acres</i>		
Area Planted	90.2	89.1	90.0	90.0
Area Harvested	82.7	81.7	82.0	82.0
		<i>Bushels</i>		
Yield per Harvested Acre	176.6	176.4	169.5	168.2
		<i>Million Bushels</i>		
Beginning Stocks	2,293	2,140	2,360	2,445
Production	14,609	14,420	13,901	13,799
Imports	36	25	50	50
Supply, Total	16,939	16,585	16,311	16,295
Feed and Residual	5,304	5,275	5,175	5,175
Food, Seed & Industrial 2/ Ethanol & by-products 3/ Domestic, Total	7,057 5,605 12,361	6,805 5,375 12,080	6,905 5,475 12,080	6,880 5,450 12,055
Exports	2,438	2,060	2,050	2,050
Use, Total	14,798	14,140	14,130	14,105
Ending Stocks	2,140	2,445	2,181	2,190
Avg. Farm Price (\$/bu) 4/	3.36	3.60	3.60	3.60

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. 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.

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

SORGHUM	2017/18	2018/19 Est.	2019/20 Proj. Aug	2019/20 Proj. Sep
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.6	5.7	5.3	5.3
Area Harvested (mil. acres)	5.0	5.1	4.8	4.7
Yield (bushels/acre)	71.7	72.1	73.9	74.3
Beginning Stocks	33	35	60	55
Production	362	365	354	352
Imports	2	0	0	0
Supply, Total	397	400	414	406
Feed and Residual	102	155	160	160
Food, Seed & Industrial	60	100	100	100
Total Domestic	162	255	260	260
Exports	200	90	100	100
Use, Total	362	345	360	360
Ending Stocks	35	55	54	46
Avg. Farm Price (\$/bu) 2/	3.22	3.25	3.30	3.30
BARLEY				
Area Planted (mil. acres)	2.5	2.5	2.9	2.9
Area Harvested (mil. acres)	2.0	2.0	2.3	2.3
Yield (bushels/acre)	73.0	77.4	73.9	73.9
Beginning Stocks	106	94	87	87
Production	143	153	172	172
Imports	9	6	10	10
Supply, Total	259	253	269	269
Feed and Residual	2	7	20	20
Food, Seed & Industrial	157	155	153	153
Total Domestic	159	162	173	173
Exports	5	5	3	3
Use, Total	164	167	176	176
Ending Stocks	94	87	93	93
Avg. Farm Price (\$/bu) 2/	4.47	4.62	4.60	4.65
OATS				
Area Planted (mil. acres)	2.6	2.7	2.5	2.5
Area Harvested (mil. acres)	0.8	0.9	0.9	0.9
Yield (bushels/acre)	61.7	64.9	66.4	66.4
Beginning Stocks	50	41	37	37
Production	50	56	60	60
Imports	89	87	110	100
Supply, Total	189	184	207	197
Feed and Residual	68	68	90	80
Food, Seed & Industrial	77	77	78	78
Total Domestic	146	145	168	158
Exports	2	2	2	2
Use, Total	148	147	170	160
Ending Stocks	41	37	37	37
Avg. Farm Price (\$/bu) 2/	2.59	2.66	2.90	2.95

Note: 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.

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

TOTAL RICE	2017/18	2018/19 Est.	2019/20 Proj.	2019/20 Proj.	
			Aug	Sep	
		<i>Million Acres</i>			
Area Planted	2.46	2.95	2.76	2.54	
Area Harvested	2.37	2.92	2.71	2.48	
		<i>Pounds</i>			
Yield per Harvested Acre	7,507	7,692	7,577	7,563	
		<i>Million Hundredweight</i>			
Beginning Stocks 2/	46.0	29.4	50.6	44.9	
Production	178.2	224.2	205.4	187.3	
Imports	27.5	29.0	29.2	29.6	
Supply, Total	251.8	282.6	285.2	261.8	
Domestic & Residual 3/	135.4	144.1	137.0	131.0	
Exports, Total 4/	87.1	93.6	101.0	95.0	
Rough	28.8	33.0	38.0	33.0	
Milled (rough equiv.)	58.2	60.6	63.0	62.0	
Use, Total	222.4	237.7	238.0	226.0	
Ending Stocks	29.4	44.9	47.2	35.8	
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00	
Avg. Farm Price (\$/cwt) 6/	12.90	12.00	12.20	13.20	

LONG-GRAIN RICE

Harvested Acres (mil.)	1.75	2.18		
Yield (pounds/acre)	7,314	7,517		
Beginning Stocks	31.0	20.3	33.6	32.6
Production	127.9	164.0	149.1	126.7
Supply, Total 7/	182.2	207.7	206.2	183.3
Domestic & Residual 3/	98.6	109.4	105.0	98.0
Exports 8/	63.2	65.7	72.0	66.0
Use, Total	161.9	175.1	177.0	164.0
Ending Stocks	20.3	32.6	29.2	19.3
Avg. Farm Price (\$/cwt) 6/	11.50	10.80	11.00	12.00

MEDIUM & SHORT-GRAIN RICE

Harvested Acres (mil.)	0.63	0.73		
Yield (pounds/acre)	8,048	8,209		
Beginning Stocks	11.5	7.6	15.6	10.2
Production	50.4	60.3	56.3	60.7
Supply, Total 7/	68.2	72.8	77.6	76.5
Domestic & Residual 3/	36.7	34.8	32.0	33.0
Exports 8/	23.8	27.8	29.0	29.0
Use, Total	60.6	62.6	61.0	62.0
Ending Stocks	7.6	10.2	16.6	14.5
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	17.00	16.30	15.90	16.60
California 10/	20.10	18.00	18.00	18.50
Other States 1/	11.70	12.30	11.50	12.50

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 ending stocks by type (in mil. cwt): 2015/16-2.9; 2016/17-3.5; 2017/18-3.5. 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 broken 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. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The medium/short-grain season-average- farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ. For example, the average difference between the preliminary California SAFP forecast and the final price has averaged \$0.98 per cwt from 2014/15-2017/18, with a high of \$3.50 per cwt in 2017/18 and a low of -\$0.20 per cwt in 2015/16. 10/ Marketing year beginning October 1.

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

SOYBEANS	2017/18	2018/19 Est.	2019/20 Proj.	2019/20 Proj.
			Aug	Sep
		<i>Million Acres</i>		
Area Planted	90.2	89.2	76.7	76.7
Area Harvested	89.5	88.1	75.9	75.9
		<i>Bushels</i>		
Yield per Harvested Acre	49.3	51.6	48.5	47.9
		<i>Million Bushels</i>		
Beginning Stocks	302	438	1,070	1,005
Production	4,412	4,544	3,680	3,633
Imports	22	17	20	20
Supply, Total	4,735	4,999	4,771	4,658
Crushings	2,055	2,085	2,115	2,115
Exports	2,134	1,745	1,775	1,775
Seed	104	89	96	96
Residual	5	75	30	32
Use, Total	4,297	3,994	4,016	4,018
Ending Stocks	438	1,005	755	640
Avg. Farm Price (\$/bu) 2/	9.33	8.50	8.40	8.50
SOYBEAN OIL				
		<i>Million Pounds</i>		
Beginning Stocks	1,711	1,995	1,740	1,725
Production 4/	23,772	24,230	24,535	24,535
Imports	335	400	450	450
Supply, Total	25,819	26,625	26,725	26,710
Domestic Disappearance	21,380	22,850	23,500	23,500
Biodiesel 3/	7,134	8,100	8,600	8,600
Food, Feed & other Industrial	14,247	14,750	14,900	14,900
Exports	2,443	2,050	1,725	1,725
Use, Total	23,823	24,900	25,225	25,225
Ending stocks	1,995	1,725	1,500	1,485
Avg. Price (c/lb) 2/	30.04	28.00	29.50	29.50
SOYBEAN MEAL				
		<i>Thousand Short Tons</i>		
Beginning Stocks	401	555	450	450
Production 4/	49,226	48,845	49,650	49,650
Imports	483	700	500	500
Supply, Total	50,109	50,100	50,600	50,600
Domestic Disappearance	35,537	35,900	36,500	36,500
Exports	14,016	13,750	13,700	13,700
Use, Total	49,554	49,650	50,200	50,200
Ending Stocks	555	450	400	400
Avg. Price (\$/s.t.) 2/	345.02	310.00	300.00	305.00

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 2,085 million bushels for 2018/19 and 2,115 million bushels for 2019/20.

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U.S. Sugar Supply and Use 1/

	2017/18	2018/19 Est.	2019/20 Proj.	2019/20 Proj.
			Aug	Sep
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,876	2,008	1,775	1,747
Production 2/	9,293	8,985	9,308	9,134
Beet Sugar	5,279	4,957	5,179	5,005
Cane Sugar	4,014	4,028	4,129	4,129
Florida	1,983	2,005	2,096	2,096
Hawaii	0	0	0	0
Louisiana	1,862	1,875	1,900	1,900
Texas	169	147	134	134
Imports	3,277	3,089	2,981	3,125
TRQ 3/	1,663	1,582	1,593	1,587
Other Program 4/	326	420	350	350
Other 5/	1,287	1,087	1,039	1,188
Mexico	1,223	997	969	1,118
Total Supply	14,445	14,082	14,064	14,006
Exports	170	35	35	35
Deliveries	12,185	12,300	12,330	12,305
Food	12,048	12,175	12,225	12,200
Other 6/	137	125	105	105
Miscellaneous	82	0	0	0
Total Use	12,438	12,335	12,365	12,340
Ending Stocks	2,008	1,747	1,699	1,666
Stocks to Use Ratio	16.1	14.2	13.7	13.5

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2018/19 and 2019/20 are based on Crop Production and processor projections where appropriate. 3/ For 2018/19, WTO raw sugar TRQ shortfall (55) and for 2019/20 (99). 4/ Composed of sugar under the re-export and polyhydric alcohol programs. 5/ Imports from Mexico; and high-tier tariff sugar and syrups not otherwise specified -- for 2018/19 (90) and 2019/20 (70). 6/ Transfers accompanying deliveries for sugar-containing products to be exported (SCP) and polyhydric alcohol manufacture (POLY), and deliveries for livestock feed and ethanol. Total refiner license transfers for SCP and POLY inclusive of WASDE-reported deliveries: 2017/18 -- 278; estimated 2018/19 -- 324; projected 2019/20 -- 340.

Mexico Sugar Supply and Use and High Fructose Corn Syrup Consumption 1/

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks	
		<i>1,000 Metric Tons, Actual Weight</i>						
Sugar	2018/19 Est.	Aug	1,395	6,426	70	4,716	2,179	995
		Sep	1,395	6,426	70	4,716	2,179	995
2019/20 Proj.		Aug	995	6,248	70	4,776	1,542	995
		Sep	995	6,200	70	4,776	1,494	995

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2017/18 = 1,593; Estimated Oct-July 2018 = 1,320; Projected 2018/19 = 1,520; Estimated Oct-July 2019 = 1,279; Projected 2019/20 = 1,520. Footnote source for estimate: Comité Nacional para el Desarrollo Sustentable de la Cana de Azúcar. 2/Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2018/19 (480 est); 2019/20 (480 proj). Other Deliveries/Ending Year Statistical Adjustments: 2018/19 (0), 2019/20 (0).

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U.S. Cotton Supply and Use 1/

	2017/18	2018/19 Est.	2019/20 Proj. Aug	2019/20 Proj. Sep
Area				
		<i>Million Acres</i>		
Planted	12.72	14.10	13.90	13.76
Harvested	11.10	10.21	12.64	12.51
		<i>Pounds</i>		
Yield per Harvested Acre	905	864	855	839
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	2.75	4.20	5.25	4.85
Production	20.92	18.37	22.52	21.86
Imports	0.00	0.00	0.01	0.01
Supply, Total	23.68	22.57	27.77	26.72
Domestic Use	3.23	2.98	3.10	3.00
Exports, Total	16.28	14.76	17.20	16.50
Use, Total	19.50	17.74	20.30	19.50
Unaccounted 2/	-0.03	-0.02	0.27	0.02
Ending Stocks	4.20	4.85	7.20	7.20
Avg. Farm Price 3/	68.6	70.5	60.0	58.0

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.

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

2017/18	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	262.15	762.26	179.80	146.33	742.56	182.09	281.85
World Less China	147.22	627.93	175.86	128.83	621.56	181.08	150.66
United States	32.13	47.38	4.30	1.29	29.25	24.66	29.91
Total Foreign	230.02	714.88	175.49	145.04	713.31	157.43	251.95
Major Exporters 4/	36.23	333.09	6.96	89.73	205.50	130.99	39.79
Argentina	0.25	18.50	0.00	0.05	5.55	12.66	0.54
Australia	5.73	20.94	0.16	4.00	7.48	13.85	5.51
Canada	6.93	30.38	0.45	4.38	9.28	22.00	6.48
European Union 5/	10.72	151.13	5.82	58.00	130.40	23.29	13.98
Russia	10.83	85.17	0.47	20.00	43.00	41.42	12.04
Ukraine	1.77	26.98	0.06	3.30	9.80	17.78	1.24
Major Importers 6/	160.49	202.93	115.29	37.45	289.89	12.24	176.57
Bangladesh	1.88	1.15	6.15	0.00	7.30	0.00	1.89
Brazil	2.26	4.26	7.02	0.50	12.00	0.23	1.31
China	114.93	134.33	3.94	17.50	121.00	1.00	131.20
Japan	1.21	0.97	5.88	0.75	6.60	0.28	1.18
N. Africa 7/	14.15	19.25	27.45	2.25	45.23	0.83	14.79
Nigeria	0.20	0.07	5.09	0.05	4.75	0.40	0.20
Sel. Mideast 8/	16.67	18.36	18.27	4.10	37.89	0.83	14.58
Southeast Asia 9/	5.59	0.00	25.94	8.99	25.44	1.04	5.05
Selected Other							
India	9.80	98.51	1.17	5.00	95.68	0.57	13.23
Kazakhstan	3.36	14.80	0.10	2.10	6.90	9.00	2.37
2018/19 Est.							
World 3/	281.85	730.84	170.21	139.42	735.45	172.66	277.24
World Less China	150.66	599.41	167.06	119.42	610.45	171.65	137.47
United States	29.91	51.29	3.67	2.62	30.22	25.48	29.18
Total Foreign	251.95	679.55	166.53	136.80	705.24	147.18	248.06
Major Exporters 4/	39.79	302.60	7.13	81.89	196.09	120.88	32.56
Argentina	0.54	19.50	0.01	0.05	5.85	12.30	1.89
Australia	5.51	17.30	0.36	5.70	9.20	9.00	4.97
Canada	6.48	32.20	0.45	3.64	8.54	24.41	6.18
European Union 5/	13.98	136.86	5.76	52.00	123.20	23.31	10.09
Russia	12.04	71.69	0.45	18.00	40.50	35.85	7.83
Ukraine	1.24	25.06	0.11	2.50	8.80	16.02	1.59
Major Importers 6/	176.57	199.70	110.48	38.17	293.36	11.79	181.61
Bangladesh	1.89	1.00	4.82	0.00	7.00	0.00	0.70
Brazil	1.31	5.43	7.30	0.50	12.10	0.60	1.34
China	131.20	131.43	3.15	20.00	125.00	1.01	139.77
Japan	1.18	0.88	5.73	0.68	6.53	0.29	0.97
N. Africa 7/	14.79	21.00	26.82	2.25	46.10	0.70	15.81
Nigeria	0.20	0.06	4.59	0.05	4.25	0.40	0.20
Sel. Mideast 8/	14.58	17.88	16.79	3.55	37.69	0.54	11.02
Southeast Asia 9/	5.05	0.00	26.16	8.14	25.34	1.06	4.81
Selected Other							
India	13.23	99.87	0.02	5.00	95.63	0.50	16.99
Kazakhstan	2.37	13.95	0.09	1.80	6.60	8.30	1.50

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, European Union, Russia, and Ukraine. 5/ Trade excludes intra-trade. 6/ Bangladesh, Brazil, China, South Korea, Japan, Nigeria, Mexico, Turkey, Egypt, Algeria, Libya, Morocco, Tunisia, Indonesia, Malaysia, Philippines, Thailand, Vietnam, Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 7/ Algeria, Egypt, Libya, Morocco, and Tunisia. 8/ Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman 9/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2019/20 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Aug	275.49	768.07	179.00	150.32	758.16	182.63	285.40
	Sep	277.24	765.53	176.79	149.04	756.26	180.83	286.51
World Less China	Aug	135.72	636.07	175.50	129.32	630.16	181.33	139.43
	Sep	137.47	633.53	173.59	128.04	628.26	179.53	140.84
United States	Aug	29.18	53.89	3.67	4.63	32.60	26.54	27.60
	Sep	29.18	53.89	3.67	4.63	32.60	26.54	27.60
Total Foreign	Aug	246.31	714.18	175.33	145.69	725.56	156.10	257.80
	Sep	248.06	711.64	173.12	144.41	723.65	154.30	258.91
Major Exporters 4/	Aug	30.17	327.00	6.66	86.45	200.85	131.00	31.98
	Sep	32.56	325.00	6.66	85.95	200.55	130.50	33.17
Argentina	Aug	1.39	20.50	0.01	0.05	5.85	14.50	1.55
	Sep	1.89	20.50	0.01	0.05	6.05	14.50	1.85
Australia	Aug	4.97	21.00	0.15	5.00	8.50	12.50	5.12
	Sep	4.97	19.00	0.15	5.00	8.50	10.50	5.12
Canada	Aug	4.67	33.30	0.45	4.30	9.30	24.00	5.12
	Sep	6.18	33.30	0.45	4.60	9.60	24.50	5.83
European Union 5/	Aug	9.74	150.00	5.50	56.00	127.50	26.50	11.24
	Sep	10.09	151.00	5.50	56.00	127.50	27.50	11.59
Russia	Aug	7.99	73.00	0.48	17.50	40.00	34.00	7.46
	Sep	7.83	72.50	0.48	17.00	39.50	34.00	7.31
Ukraine	Aug	1.41	29.20	0.08	3.60	9.70	19.50	1.48
	Sep	1.59	28.70	0.08	3.30	9.40	19.50	1.46
Major Importers 6/	Aug	182.04	202.97	116.72	39.96	300.71	12.85	188.16
	Sep	181.61	202.97	114.89	39.36	299.52	12.85	187.10
Bangladesh	Aug	0.69	1.10	6.50	0.00	7.30	0.00	0.99
	Sep	0.70	1.10	6.00	0.00	7.10	0.00	0.70
Brazil	Aug	1.34	5.30	7.50	0.50	12.20	0.60	1.34
	Sep	1.34	5.30	7.50	0.50	12.20	0.60	1.34
China	Aug	139.77	132.00	3.50	21.00	128.00	1.30	145.97
	Sep	139.77	132.00	3.20	21.00	128.00	1.30	145.67
Japan	Aug	0.97	0.95	5.90	0.70	6.50	0.28	1.04
	Sep	0.97	0.95	5.90	0.70	6.50	0.28	1.04
N. Africa 7/	Aug	16.01	18.87	27.40	2.25	46.75	0.69	14.84
	Sep	15.81	18.87	27.40	2.25	46.75	0.69	14.65
Nigeria	Aug	0.20	0.06	5.10	0.05	4.76	0.40	0.20
	Sep	0.20	0.06	5.10	0.05	4.76	0.40	0.20
Sel. Mideast 8/	Aug	11.16	22.46	17.32	3.92	39.04	0.72	11.18
	Sep	11.02	22.46	17.29	3.92	38.94	0.72	11.11
Southeast Asia 9/	Aug	4.92	0.00	27.90	8.64	26.52	1.07	5.24
	Sep	4.81	0.00	27.10	8.04	25.82	1.07	5.03
Selected Other								
India	Aug	16.99	101.20	0.02	6.00	98.00	0.50	19.71
	Sep	16.99	102.19	0.02	6.00	98.00	0.50	20.70
Kazakhstan	Aug	1.30	13.00	0.06	1.80	6.60	6.50	1.26
	Sep	1.50	11.50	0.06	1.80	6.60	5.20	1.26

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, European Union, Russia, and Ukraine. 5/ Trade excludes intra-trade. 6/ Bangladesh, Brazil, China, South Korea, Japan, Nigeria, Mexico, Turkey, Egypt, Algeria, Libya, Morocco, Tunisia, Indonesia, Malaysia, Philippines, Thailand, Vietnam, Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 7/ Algeria, Egypt, Libya, Morocco, and Tunisia. 8/ Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman 9/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2017/18	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	384.76	1,358.87	187.74	835.42	1,374.82	185.67	368.81
World Less China	161.26	1,093.16	171.31	637.87	1,092.22	185.61	145.83
United States	62.17	384.39	2.93	138.73	324.41	67.16	57.92
Total Foreign	322.59	974.49	184.81	696.69	1,050.42	118.52	310.89
Major Exporters 4/	38.41	252.15	3.69	126.38	170.30	98.06	25.89
Argentina	6.70	39.32	0.01	11.93	17.46	24.50	4.06
Australia	2.65	12.19	0.00	3.94	5.81	6.74	2.29
Brazil	14.49	85.06	1.46	57.70	68.18	24.95	7.88
Canada	5.56	26.24	1.77	15.92	23.23	5.78	4.57
Russia	2.06	41.72	0.13	21.57	31.02	11.52	1.37
Ukraine	3.01	34.07	0.05	8.44	11.82	22.50	2.81
Major Importers 5/	38.21	245.11	133.72	283.70	367.92	10.02	39.10
European Union 6/	15.11	152.12	19.40	120.85	162.37	7.92	16.35
Japan	1.69	0.19	17.58	13.75	17.75	0.00	1.71
Mexico	6.00	33.19	16.36	29.20	48.41	0.96	6.18
N. Afr & Mideast 7/	7.13	29.07	39.14	59.33	67.45	0.13	7.77
Saudi Arabia	2.54	0.26	11.99	12.28	12.70	0.00	2.08
Southeast Asia 8/	3.29	30.00	14.54	36.27	44.49	1.01	2.34
South Korea	1.77	0.20	10.19	7.80	10.31	0.00	1.86
Selected Other							
China	223.49	265.72	16.43	197.55	282.60	0.06	222.98
2018/19 Est.							
World 3/	368.81	1,395.25	195.27	846.19	1,408.13	207.67	355.94
World Less China	145.83	1,129.85	183.39	650.14	1,120.16	207.60	143.71
United States	57.92	379.92	2.56	139.48	319.71	54.75	65.94
Total Foreign	310.89	1,015.33	192.71	706.71	1,088.42	152.92	289.99
Major Exporters 4/	25.89	292.12	5.59	124.88	169.47	131.00	23.13
Argentina	4.06	59.18	0.01	12.55	18.51	39.36	5.39
Australia	2.29	10.93	0.00	3.98	6.05	4.97	2.22
Brazil	7.88	104.18	1.70	58.85	69.88	38.05	5.83
Canada	4.57	26.19	2.65	16.32	23.68	6.28	3.46
Russia	1.37	35.00	0.06	18.70	27.27	8.06	1.11
Ukraine	2.81	44.50	0.06	7.91	11.21	33.29	2.87
Major Importers 5/	39.10	241.95	143.51	295.07	379.87	10.22	34.46
European Union 6/	16.35	147.90	25.24	126.10	168.07	8.49	12.92
Japan	1.71	0.18	17.47	13.62	17.71	0.00	1.64
Mexico	6.18	32.50	17.36	31.07	50.31	0.80	4.94
N. Afr & Mideast 7/	7.77	31.11	40.18	62.75	70.88	0.12	8.06
Saudi Arabia	2.08	0.29	11.31	11.35	11.83	0.00	1.85
Southeast Asia 8/	2.34	29.70	17.12	37.59	45.71	0.81	2.63
South Korea	1.86	0.20	10.63	8.25	10.80	0.00	1.89
Selected Other							
China	222.98	265.41	11.88	196.05	287.97	0.07	212.22

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, Brazil, Canada, Russia and Ukraine. 5/ The European Union, Japan, Mexico, selected North Africa and Middle East, Saudi Arabia, Southeast Asia, and South Korea. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2019/20 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Aug	355.00	1,398.85	203.00	856.18	1,417.53	204.74	336.33
	Sep	355.94	1,396.44	203.02	855.52	1,416.22	204.64	336.16
World Less China	Aug	142.58	1,136.37	187.95	661.08	1,124.08	204.68	139.89
	Sep	143.71	1,133.97	188.07	660.52	1,122.87	204.58	139.92
United States	Aug	63.91	366.93	3.69	137.73	320.48	54.71	59.34
	Sep	65.94	364.30	3.52	137.56	319.67	54.71	59.37
Total Foreign	Aug	291.09	1,031.92	199.31	718.45	1,097.05	150.03	276.99
	Sep	289.99	1,032.15	199.50	717.96	1,096.55	149.93	276.79
Major Exporters 4/	Aug	23.59	303.07	3.03	128.11	174.27	129.28	26.15
	Sep	23.13	302.69	3.03	127.90	174.14	128.98	25.74
Argentina	Aug	5.39	58.06	0.01	13.28	19.94	36.61	6.91
	Sep	5.39	57.73	0.01	13.02	19.66	36.61	6.86
Australia	Aug	2.15	12.70	0.00	4.45	6.52	6.17	2.17
	Sep	2.22	12.00	0.00	4.50	6.57	5.47	2.19
Brazil	Aug	6.68	104.48	1.70	60.07	72.15	34.01	6.70
	Sep	5.83	104.23	1.70	59.87	71.95	34.01	5.80
Canada	Aug	3.37	29.21	1.03	16.10	23.36	6.16	4.09
	Sep	3.46	28.56	1.03	15.80	23.06	5.96	4.03
Russia	Aug	1.00	37.88	0.09	19.23	27.68	10.29	1.00
	Sep	1.11	39.38	0.09	19.83	28.28	10.49	1.81
Ukraine	Aug	2.73	46.15	0.03	8.31	11.66	34.54	2.72
	Sep	2.87	46.20	0.03	8.21	11.66	34.94	2.51
Major Importers 5/	Aug	34.62	254.63	146.30	302.31	388.18	10.28	37.09
	Sep	34.46	255.45	146.48	302.40	388.27	10.28	37.85
European Union 6/	Aug	13.09	156.99	21.91	126.40	168.97	7.86	15.16
	Sep	12.92	157.81	21.91	126.40	168.97	7.86	15.81
Japan	Aug	1.64	0.18	17.37	13.52	17.61	0.00	1.58
	Sep	1.64	0.18	17.27	13.42	17.51	0.00	1.58
Mexico	Aug	5.24	33.10	19.01	32.41	51.99	1.50	3.86
	Sep	4.94	33.10	19.01	32.41	51.99	1.50	3.56
N. Afr & Mideast 7/	Aug	7.76	32.87	42.42	65.18	73.41	0.19	9.44
	Sep	8.06	32.87	42.72	65.38	73.61	0.19	9.84
Saudi Arabia	Aug	1.85	0.25	13.51	13.25	13.70	0.00	1.92
	Sep	1.85	0.25	13.51	13.25	13.70	0.00	1.92
Southeast Asia 8/	Aug	2.62	30.96	17.26	38.96	47.11	0.74	3.00
	Sep	2.63	30.96	17.26	38.96	47.11	0.74	3.01
South Korea	Aug	1.89	0.20	10.63	8.26	10.85	0.00	1.86
	Sep	1.89	0.20	10.61	8.25	10.84	0.00	1.86
Selected Other								
China	Aug	212.42	262.48	15.05	195.10	293.45	0.06	196.44
	Sep	212.22	262.48	14.95	195.00	293.35	0.06	196.24

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, Brazil, Canada, Russia and Ukraine. 5/ The European Union, Japan, Mexico, selected North Africa and Middle East, Saudi Arabia, Southeast Asia, and South Korea. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2017/18	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	351.35	1,078.08	149.97	673.05	1,089.88	148.57	339.55
World Less China	128.34	819.01	146.51	486.05	826.88	148.55	117.03
United States	58.25	371.10	0.92	134.74	313.98	61.92	54.37
Total Foreign	293.10	706.98	149.05	538.31	775.90	86.65	285.18
Major Exporters 4/	25.32	164.42	1.18	82.63	103.63	72.58	14.70
Argentina	5.27	32.00	0.01	8.50	12.40	22.00	2.88
Brazil	14.02	82.00	0.92	55.00	64.50	24.95	7.49
Russia	0.78	13.20	0.05	7.40	8.30	5.53	0.20
South Africa	3.70	13.10	0.17	6.83	12.23	2.07	2.67
Ukraine	1.55	24.12	0.04	4.90	6.20	18.04	1.47
Major Importers 5/	21.93	126.08	88.35	154.80	208.95	3.72	23.70
Egypt	1.89	6.40	9.46	13.40	15.90	0.01	1.84
European Union 6/	7.60	62.02	18.47	57.00	76.50	1.75	9.84
Japan	1.32	0.00	15.67	12.00	15.60	0.00	1.39
Mexico	5.41	27.57	16.13	24.30	42.50	0.96	5.65
Southeast Asia 7/	3.28	29.95	14.20	36.20	44.10	1.00	2.33
South Korea	1.76	0.07	10.02	7.70	10.00	0.00	1.85
Selected Other							0.00
Canada	2.57	14.10	1.70	8.87	14.02	1.94	2.42
China	223.02	259.07	3.46	187.00	263.00	0.02	222.53
2018/19 Est.							
World 3/	339.55	1,122.17	164.08	697.40	1,132.18	176.20	329.55
World Less China	117.03	864.84	159.08	507.40	859.18	176.18	117.71
United States	54.37	366.29	0.64	133.99	306.85	52.33	62.12
Total Foreign	285.18	755.88	163.45	563.41	825.33	123.87	267.43
Major Exporters 4/	14.70	210.72	2.10	84.50	106.60	107.50	13.42
Argentina	2.88	51.00	0.01	9.70	13.80	36.00	4.09
Brazil	7.49	101.00	1.00	56.00	66.00	38.00	5.49
Russia	0.20	11.42	0.05	7.50	8.40	3.00	0.26
South Africa	2.67	11.50	1.00	6.50	12.20	1.00	1.97
Ukraine	1.47	35.81	0.04	4.80	6.20	29.50	1.61
Major Importers 5/	23.70	127.52	97.45	169.00	223.60	4.91	20.16
Egypt	1.84	6.80	9.70	13.70	16.20	0.01	2.13
European Union 6/	9.84	64.22	24.00	67.50	87.50	3.30	7.25
Japan	1.39	0.00	15.80	12.10	15.80	0.00	1.40
Mexico	5.65	26.70	16.70	25.70	43.90	0.80	4.35
Southeast Asia 7/	2.33	29.65	16.65	37.50	45.20	0.80	2.62
South Korea	1.85	0.08	10.50	8.20	10.55	0.00	1.88
Selected Other							0.00
Canada	2.42	13.89	2.60	9.50	14.70	2.10	2.10
China	222.53	257.33	5.00	190.00	273.00	0.02	211.84

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, Russia, South Africa and Ukraine. 5/ Egypt, the European Union, Japan, Mexico, Southeast Asia, and South Korea. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2019/20 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Aug	328.58	1,108.24	169.34	694.44	1,129.09	169.90	307.72
	Sep	329.55	1,104.88	169.44	694.24	1,128.16	169.90	306.27
World Less China	Aug	116.74	854.24	162.34	506.44	852.09	169.88	111.91
	Sep	117.71	850.88	162.44	506.24	851.16	169.88	110.45
United States	Aug	59.96	353.09	1.27	131.45	306.85	52.07	55.40
	Sep	62.12	350.52	1.27	131.45	306.21	52.07	55.62
Total Foreign	Aug	268.62	755.15	168.07	562.99	822.25	117.83	252.32
	Sep	267.43	754.36	168.17	562.79	821.95	117.83	250.65
Major Exporters 4/	Aug	14.24	214.50	1.17	86.50	110.20	103.70	16.01
	Sep	13.42	214.00	1.17	86.40	110.10	103.70	14.78
Argentina	Aug	4.09	50.00	0.01	10.30	15.00	33.50	5.59
	Sep	4.09	50.00	0.01	10.30	15.00	33.50	5.59
Brazil	Aug	6.31	101.00	1.00	57.00	68.00	34.00	6.31
	Sep	5.49	101.00	1.00	57.00	68.00	34.00	5.49
Russia	Aug	0.26	13.00	0.04	7.50	8.40	4.70	0.20
	Sep	0.26	13.00	0.04	7.50	8.40	4.70	0.20
South Africa	Aug	1.97	14.00	0.10	6.60	12.30	1.50	2.27
	Sep	1.97	14.00	0.10	6.60	12.30	1.50	2.27
Ukraine	Aug	1.61	36.50	0.02	5.10	6.50	30.00	1.63
	Sep	1.61	36.00	0.02	5.00	6.40	30.00	1.23
Major Importers 5/	Aug	20.45	130.07	96.60	166.70	222.25	4.24	20.63
	Sep	20.16	130.07	96.60	166.70	222.25	4.24	20.34
Egypt	Aug	2.13	7.20	10.00	14.40	16.90	0.01	2.42
	Sep	2.13	7.20	10.00	14.40	16.90	0.01	2.42
European Union 6/	Aug	7.25	64.80	21.00	62.00	82.50	2.00	8.55
	Sep	7.25	64.80	21.00	62.00	82.50	2.00	8.55
Japan	Aug	1.40	0.00	15.60	11.90	15.60	0.00	1.40
	Sep	1.40	0.00	15.60	11.90	15.60	0.00	1.40
Mexico	Aug	4.65	27.00	18.50	27.00	45.50	1.50	3.15
	Sep	4.35	27.00	18.50	27.00	45.50	1.50	2.85
Southeast Asia 7/	Aug	2.61	30.91	16.90	38.90	46.70	0.73	2.99
	Sep	2.62	30.91	16.90	38.90	46.70	0.73	3.00
South Korea	Aug	1.88	0.08	10.50	8.20	10.60	0.00	1.85
	Sep	1.88	0.08	10.50	8.20	10.60	0.00	1.85
Selected Other								
Canada	Aug	2.12	14.00	1.00	8.50	13.70	1.50	1.92
	Sep	2.10	14.00	1.00	8.50	13.70	1.50	1.90
China	Aug	211.84	254.00	7.00	188.00	277.00	0.02	195.82
	Sep	211.84	254.00	7.00	188.00	277.00	0.02	195.82

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, Russia, South Africa and Ukraine. 5/ Egypt, the European Union, Japan, Mexico, Southeast Asia, and South Korea. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2017/18	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	149.62	494.86	46.73	482.23	47.13	162.25
World Less China	51.12	345.99	41.23	339.74	45.74	53.25
United States	1.46	5.66	0.87	4.30	2.76	0.93
Total Foreign	148.16	489.20	45.86	477.93	44.36	161.31
Major Exporters 4/	27.64	181.69	0.76	144.77	36.45	28.88
Burma	0.55	13.20	0.01	10.20	2.75	0.81
India	20.55	112.76	0.00	98.67	12.04	22.60
Pakistan	1.34	7.50	0.00	3.40	4.01	1.42
Thailand	4.24	20.58	0.25	11.00	11.06	3.01
Vietnam	0.97	27.66	0.50	21.50	6.59	1.03
Major Importers 5/	108.57	241.03	21.35	248.06	1.82	121.06
China	98.50	148.87	5.50	142.49	1.39	109.00
European Union 6/	1.19	2.01	2.01	3.68	0.35	1.18
Indonesia	2.92	37.00	2.35	38.10	0.00	4.16
Nigeria	1.74	4.66	2.00	6.90	0.00	1.50
Philippines	2.00	12.24	1.30	13.25	0.00	2.29
Sel. Mideast 7/	0.86	2.22	3.62	5.80	0.00	0.91
Selected Other						0.00
Brazil	0.53	8.20	0.56	7.75	1.15	0.39
C. Amer & Carib 8/	0.68	1.64	1.66	3.27	0.04	0.68
Egypt	1.43	4.30	0.09	4.20	0.05	1.56
Japan	2.41	7.79	0.69	8.60	0.06	2.23
Mexico	0.17	0.18	0.81	0.92	0.10	0.15
South Korea	2.00	3.97	0.40	4.75	0.06	1.56

2018/19 Est.

World 3/	162.25	498.95	44.46	489.40	45.11	171.80
World Less China	53.25	350.46	41.21	346.43	42.34	56.80
United States	0.93	7.12	0.92	4.58	2.97	1.42
Total Foreign	161.31	491.83	43.54	484.82	42.14	170.38
Major Exporters 4/	28.88	185.26	0.66	147.70	33.70	33.40
Burma	0.81	13.18	0.01	10.33	2.80	0.87
India	22.60	116.42	0.00	101.22	11.60	26.20
Pakistan	1.42	7.40	0.00	3.45	4.10	1.27
Thailand	3.01	20.34	0.25	11.20	8.70	3.70
Vietnam	1.03	27.92	0.40	21.50	6.50	1.36
Major Importers 5/	121.06	241.97	17.22	250.07	3.20	126.99
China	109.00	148.49	3.25	142.97	2.77	115.00
European Union 6/	1.18	1.94	2.10	3.78	0.32	1.13
Indonesia	4.16	36.70	0.40	38.00	0.00	3.26
Nigeria	1.50	4.79	2.10	7.10	0.00	1.29
Philippines	2.29	11.73	3.57	14.10	0.00	3.49
Sel. Mideast 7/	0.91	2.01	3.75	5.87	0.00	0.80
Selected Other						0.00
Brazil	0.39	7.14	0.85	7.50	0.60	0.28
C. Amer & Carib 8/	0.68	1.69	1.77	3.43	0.03	0.67
Egypt	1.56	2.80	0.90	4.15	0.02	1.09
Japan	2.23	7.65	0.69	8.56	0.06	1.95
Mexico	0.15	0.19	0.76	0.92	0.03	0.15
South Korea	1.56	3.87	0.41	4.71	0.10	1.02

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/ Burma, India, Pakistan, Thailand, and Vietnam. 5/ Bangladesh, China, Nigeria, European Union, Philippines, Cote d'Ivoire, Indonesia, Iran, Iraq, and Saudi Arabia. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.

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

2019/20 Proj.		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Aug	171.30	497.86	43.89	494.50	46.64	174.66
	Sep	171.80	494.22	43.85	493.29	45.12	172.73
World Less China	Aug	56.30	351.86	40.59	351.50	43.34	56.66
	Sep	56.80	348.22	40.75	350.29	41.82	54.93
United States	Aug	1.61	6.52	0.93	4.35	3.21	1.50
	Sep	1.42	5.95	0.94	4.16	3.02	1.14
Total Foreign	Aug	169.69	491.34	42.97	490.15	43.43	173.16
	Sep	170.38	488.27	42.91	489.13	42.10	171.59
Major Exporters 4/	Aug	32.81	184.60	0.66	149.05	34.60	34.42
	Sep	33.40	181.60	0.66	149.25	33.30	33.11
Burma	Aug	0.87	13.30	0.01	10.50	2.60	1.08
	Sep	0.87	13.30	0.01	10.50	2.60	1.08
India	Aug	25.50	115.00	0.00	102.00	12.00	26.50
	Sep	26.20	112.00	0.00	102.00	11.20	25.00
Pakistan	Aug	1.27	7.50	0.00	3.55	4.00	1.22
	Sep	1.27	7.50	0.00	3.55	4.00	1.22
Thailand	Aug	3.81	20.50	0.25	11.00	9.50	4.06
	Sep	3.70	20.50	0.25	11.20	9.00	4.25
Vietnam	Aug	1.36	28.30	0.40	22.00	6.50	1.56
	Sep	1.36	28.30	0.40	22.00	6.50	1.56
Major Importers 5/	Aug	126.99	241.50	16.13	251.31	3.71	129.60
	Sep	126.99	241.50	15.93	251.31	3.71	129.40
China	Aug	115.00	146.00	3.30	143.00	3.30	118.00
	Sep	115.00	146.00	3.10	143.00	3.30	117.80
European Union 6/	Aug	1.13	2.01	2.05	3.80	0.30	1.09
	Sep	1.13	2.01	2.05	3.80	0.30	1.09
Indonesia	Aug	3.26	37.40	0.50	38.00	0.00	3.16
	Sep	3.26	37.40	0.50	38.00	0.00	3.16
Nigeria	Aug	1.29	4.90	2.20	7.30	0.00	1.09
	Sep	1.29	4.90	2.20	7.30	0.00	1.09
Philippines	Aug	3.49	12.20	2.70	14.60	0.00	3.79
	Sep	3.49	12.20	2.70	14.60	0.00	3.79
Sel. Mideast 7/	Aug	0.80	2.29	3.68	6.06	0.00	0.71
	Sep	0.80	2.29	3.68	6.06	0.00	0.71
Selected Other							
Brazil	Aug	0.28	7.21	0.90	7.55	0.55	0.29
	Sep	0.28	7.14	0.95	7.53	0.55	0.29
C. Amer & Carib 8/	Aug	0.67	1.64	1.84	3.44	0.04	0.67
	Sep	0.67	1.55	1.90	3.44	0.03	0.65
Egypt	Aug	1.09	3.05	0.60	3.90	0.01	0.83
	Sep	1.09	3.05	0.60	4.00	0.01	0.73
Japan	Aug	1.95	7.70	0.69	8.48	0.06	1.79
	Sep	1.95	7.70	0.69	8.48	0.06	1.79
Mexico	Aug	0.17	0.20	0.79	0.93	0.02	0.21
	Sep	0.15	0.20	0.79	0.93	0.02	0.19
South Korea	Aug	1.02	3.88	0.41	4.48	0.06	0.78
	Sep	1.02	3.88	0.41	4.48	0.06	0.78

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/ Burma, India, Pakistan, Thailand, and Vietnam. 5/ Bangladesh, China, Nigeria, European Union, Philippines, Cote d'Ivoire, Indonesia, Iran, Iraq, and Saudi Arabia. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.

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

2017/18	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	80.31	123.78	41.16	122.79	41.39	0.12	80.96
World Less China	34.39	96.28	35.45	81.79	41.26	0.12	42.97
United States	2.75	20.92	3/	3.23	16.28	-0.03	4.20
Total Foreign	77.56	102.86	41.15	119.56	25.11	0.15	76.76
Major Exporters 4/	21.94	57.10	2.47	32.75	21.73	0.02	27.00
Central Asia 5/	2.18	6.50	3/	3.38	2.53	0.00	2.77
Afr. Fr. Zone 6/	1.46	5.44	3/	0.14	5.06	0.00	1.70
S. Hemis. 7/	10.21	15.70	0.24	4.44	8.63	0.01	13.07
Australia	2.19	4.80	3/	0.04	3.92	0.00	3.04
Brazil	6.93	9.22	0.08	3.40	4.17	0.00	8.66
India	7.88	29.00	1.68	24.15	5.18	0.00	9.23
Major Importers 8/	54.17	42.93	36.05	82.76	2.35	0.12	47.91
Mexico	0.45	1.56	0.93	1.90	0.35	0.03	0.66
China	45.92	27.50	5.71	41.00	0.14	0.00	37.99
European Union 9/	0.18	1.53	0.73	0.76	1.37	0.04	0.28
Turkey	1.53	4.00	4.02	7.45	0.33	0.00	1.78
Pakistan	2.32	8.20	3.40	10.90	0.16	0.03	2.83
Indonesia	0.62	3/	3.50	3.50	0.01	0.00	0.62
Thailand	0.20	3/	1.15	1.13	0.00	0.03	0.20
Bangladesh	1.63	0.14	7.60	7.50	0.00	0.01	1.86
Vietnam	0.88	3/	7.00	6.60	0.00	0.00	1.29
2018/19 Est.							
World	80.96	119.05	42.50	120.44	41.15	0.12	80.80
World Less China	42.97	91.30	32.86	80.94	40.93	0.12	45.13
United States	4.20	18.37	3/	2.98	14.76	-0.02	4.85
Total Foreign	76.76	100.68	42.49	117.47	26.38	0.14	75.95
Major Exporters 4/	27.00	55.11	2.39	33.05	22.15	0.02	29.29
Central Asia 5/	2.77	5.44	3/	3.83	1.87	0.00	2.52
Afr. Fr. Zone 6/	1.70	5.36	3/	0.14	5.50	0.00	1.42
S. Hemis. 7/	13.07	17.17	0.14	4.44	10.85	0.01	15.09
Australia	3.04	2.20	3/	0.04	3.63	0.00	1.57
Brazil	8.66	12.80	0.02	3.40	6.01	0.00	12.06
India	9.23	26.50	1.80	24.00	3.50	0.00	10.03
Major Importers 8/	47.91	42.63	37.66	80.26	2.94	0.11	44.88
Mexico	0.66	1.72	0.85	1.95	0.50	0.03	0.75
China	37.99	27.75	9.64	39.50	0.21	0.00	35.67
European Union 9/	0.28	1.72	0.68	0.74	1.68	0.03	0.23
Turkey	1.78	3.70	3.50	6.80	0.48	0.00	1.69
Pakistan	2.83	7.60	2.85	10.70	0.06	0.03	2.50
Indonesia	0.62	3/	3.05	3.15	0.01	0.00	0.51
Thailand	0.20	3/	1.08	1.08	0.00	0.03	0.18
Bangladesh	1.86	0.14	7.20	7.40	0.00	0.01	1.78
Vietnam	1.29	3/	7.00	7.10	0.00	0.00	1.19

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, Burkina Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, South Africa, Tanzania, Zambia, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

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

2019/20 Proj.		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Aug	80.27	125.61	43.90	123.07	43.85	0.40	82.45
	Sep	80.80	124.90	43.28	121.74	43.34	0.15	83.75
World Less China	Aug	44.68	97.86	33.40	83.07	43.73	0.40	48.74
	Sep	45.13	97.15	33.28	82.24	43.22	0.15	49.95
United States	Aug	5.25	22.52	0.01	3.10	17.20	0.27	7.20
	Sep	4.85	21.86	0.01	3.00	16.50	0.02	7.20
Total Foreign	Aug	75.02	103.09	43.90	119.97	26.65	0.13	75.25
	Sep	75.95	103.04	43.28	118.74	26.84	0.13	76.55
Major Exporters 4/	Aug	28.36	56.65	2.11	34.41	22.61	0.02	30.07
	Sep	29.29	56.69	2.26	33.96	22.93	0.02	31.33
Central Asia 5/	Aug	2.52	5.26	3/	3.99	1.51	0.00	2.29
	Sep	2.52	5.40	3/	3.99	1.53	0.00	2.40
Afr. Fr. Zone 6/	Aug	1.40	5.98	3/	0.14	5.64	0.00	1.60
	Sep	1.42	5.89	3/	0.14	5.54	0.00	1.63
S. Hemis. 7/	Aug	15.08	15.92	0.21	4.62	10.97	0.01	15.61
	Sep	15.09	15.42	0.16	4.42	11.57	0.01	14.67
Australia	Aug	1.60	1.90	3/	0.04	1.80	0.00	1.67
	Sep	1.57	1.40	3/	0.04	1.90	0.00	1.04
Brazil	Aug	11.99	12.00	0.08	3.60	8.00	0.00	12.47
	Sep	12.06	12.00	0.03	3.40	8.50	0.00	12.19
India	Aug	9.13	29.00	1.40	25.00	4.20	0.00	10.33
	Sep	10.03	29.50	1.60	24.75	4.00	0.00	12.38
Major Importers 8/	Aug	44.86	43.40	39.22	81.29	2.79	0.11	43.29
	Sep	44.88	43.30	38.51	80.59	2.65	0.11	43.34
Mexico	Aug	0.72	1.70	0.85	2.00	0.55	0.03	0.70
	Sep	0.75	1.60	0.85	2.00	0.45	0.03	0.73
China	Aug	35.59	27.75	10.50	40.00	0.13	0.00	33.71
	Sep	35.67	27.75	10.00	39.50	0.13	0.00	33.80
European Union 9/	Aug	0.25	1.71	0.68	0.73	1.63	0.03	0.25
	Sep	0.23	1.71	0.68	0.73	1.62	0.03	0.25
Turkey	Aug	1.68	4.10	3.00	6.70	0.38	0.00	1.70
	Sep	1.69	4.10	3.10	6.80	0.38	0.00	1.72
Pakistan	Aug	2.63	8.00	2.80	10.70	0.10	0.03	2.61
	Sep	2.50	8.00	2.90	10.70	0.08	0.03	2.60
Indonesia	Aug	0.51	3/	3.30	3.20	0.01	0.00	0.61
	Sep	0.51	3/	3.30	3.20	0.01	0.00	0.61
Thailand	Aug	0.19	3/	1.18	1.15	0.00	0.03	0.19
	Sep	0.18	3/	1.05	1.03	0.00	0.03	0.18
Bangladesh	Aug	1.78	0.14	7.30	7.40	0.00	0.01	1.81
	Sep	1.78	0.14	7.30	7.40	0.00	0.01	1.81
Vietnam	Aug	1.14	3/	7.80	7.60	0.00	0.00	1.34
	Sep	1.19	3/	7.60	7.50	0.00	0.00	1.29

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, Burkina Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, South Africa, Tanzania, Zambia, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

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

2017/18		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		95.62	341.62	153.00	295.21	338.35	153.08	98.79
World Less China		75.50	326.33	58.90	205.21	232.05	152.95	75.73
United States		8.21	120.07	0.59	55.93	58.87	58.07	11.92
Total Foreign		87.41	221.55	152.40	239.29	279.48	95.01	86.87
Major Exporters 3/		60.64	171.43	4.89	85.39	94.17	85.57	57.23
Argentina		27.00	37.80	4.70	36.93	43.63	2.11	23.75
Brazil		33.21	122.00	0.18	44.52	46.51	76.18	32.70
Paraguay		0.44	10.30	0.01	3.87	3.94	6.03	0.77
Major Importers 4/		22.79	19.19	124.51	116.06	140.35	0.43	25.71
China		20.12	15.28	94.10	90.00	106.30	0.13	23.06
European Union		1.15	2.54	14.58	14.95	16.60	0.28	1.40
Southeast Asia		1.15	0.69	7.71	3.46	8.64	0.02	0.88
Mexico		0.15	0.43	4.87	5.25	5.29	0.00	0.17
2018/19 Est.								
World 2/		98.79	362.07	146.60	299.64	346.49	148.56	112.41
World Less China		75.73	346.17	63.60	214.64	244.39	148.44	92.67
United States		11.92	123.66	0.46	56.74	61.20	47.49	27.36
Total Foreign		86.87	238.41	146.13	242.90	285.29	101.07	85.05
Major Exporters 3/		57.23	184.13	6.51	88.43	98.06	92.05	57.76
Argentina		23.75	55.30	6.35	41.25	48.15	7.90	29.35
Brazil		32.70	117.00	0.15	43.20	45.85	75.80	28.20
Paraguay		0.77	9.00	0.01	3.90	3.98	5.60	0.20
Major Importers 4/		25.71	19.77	115.82	113.40	138.69	0.32	22.29
China		23.06	15.90	83.00	85.00	102.10	0.12	19.74
European Union		1.40	2.66	15.20	16.30	17.96	0.17	1.14
Southeast Asia		0.88	0.66	9.09	4.20	9.56	0.04	1.03
Mexico		0.17	0.34	5.23	5.50	5.54	0.00	0.20
2019/20 Proj.								
World 2/	Aug	114.53	341.83	148.87	307.08	354.32	149.17	101.74
	Sep	112.41	341.39	148.20	306.23	353.41	149.39	99.19
World Less China	Aug	94.33	324.83	63.87	222.08	251.62	149.05	82.37
	Sep	92.67	324.29	63.20	221.23	250.71	149.27	80.17
United States	Aug	29.13	100.16	0.54	57.56	60.98	48.31	20.54
	Sep	27.36	98.87	0.54	57.56	61.04	48.31	17.43
Total Foreign	Aug	85.40	241.68	148.32	249.52	293.34	100.87	81.20
	Sep	85.05	242.52	147.65	248.67	292.37	101.09	81.76
Major Exporters 3/	Aug	57.81	188.40	4.11	92.78	102.76	92.83	54.73
	Sep	57.76	188.40	4.11	92.78	102.76	92.83	54.68
Argentina	Aug	30.45	53.00	3.90	45.00	52.15	8.00	27.20
	Sep	29.35	53.00	3.90	45.00	52.15	8.00	26.10
Brazil	Aug	27.15	123.00	0.20	43.75	46.50	76.50	27.35
	Sep	28.20	123.00	0.20	43.75	46.50	76.50	28.40
Paraguay	Aug	0.20	10.20	0.01	3.95	4.03	6.20	0.18
	Sep	0.20	10.20	0.01	3.95	4.03	6.20	0.18
Major Importers 4/	Aug	22.94	20.94	119.14	113.91	140.06	0.39	22.57
	Sep	22.29	20.99	119.14	113.81	139.96	0.39	22.07
China	Aug	20.20	17.00	85.00	85.00	102.70	0.13	19.37
	Sep	19.74	17.10	85.00	85.00	102.70	0.13	19.02
European Union	Aug	1.34	2.65	15.10	16.00	17.66	0.23	1.20
	Sep	1.14	2.60	15.10	15.90	17.56	0.23	1.05
Southeast Asia	Aug	1.03	0.64	9.89	4.53	10.14	0.04	1.37
	Sep	1.03	0.64	9.89	4.53	10.14	0.04	1.37
Mexico	Aug	0.20	0.40	5.80	5.95	5.99	0.00	0.41
	Sep	0.20	0.40	5.80	5.95	5.99	0.00	0.41

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). Totals may not add due to rounding.

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

2017/18		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		13.21	232.41	59.89	229.32	63.92	12.27
World Less China		13.21	161.13	59.86	159.21	62.72	12.27
United States		0.36	44.66	0.44	32.24	12.72	0.50
Total Foreign		12.85	187.75	59.45	197.08	51.20	11.77
Major Exporters 3/		7.29	68.59	0.03	25.47	43.28	7.16
Argentina		3.34	27.93	0.00	3.00	25.35	2.92
Brazil		3.32	34.50	0.02	17.71	16.06	4.06
India		0.63	6.16	0.01	4.77	1.86	0.18
Major Importers 4/		1.90	20.48	38.62	58.96	0.66	1.38
European Union		0.49	11.81	18.35	30.04	0.40	0.21
Mexico		0.04	4.15	1.82	5.95	0.02	0.04
Southeast Asia 5/		1.28	2.70	16.72	19.42	0.25	1.04
2018/19 Est.							
World 2/		12.27	234.81	63.25	231.37	67.24	11.72
World Less China		12.27	167.49	63.23	165.01	66.27	11.72
United States		0.50	44.31	0.64	32.57	12.47	0.41
Total Foreign		11.77	190.50	62.62	198.80	54.77	11.31
Major Exporters 3/		7.16	72.50	0.04	26.80	46.65	6.26
Argentina		2.92	31.15	0.00	3.19	28.20	2.69
Brazil		4.06	33.50	0.03	18.13	16.10	3.36
India		0.18	7.85	0.02	5.48	2.35	0.21
Major Importers 4/		1.38	22.31	39.22	60.81	0.58	1.52
European Union		0.21	12.88	18.30	30.79	0.35	0.25
Mexico		0.04	4.35	2.00	6.33	0.02	0.05
Southeast Asia 5/		1.04	3.28	17.15	20.12	0.22	1.13
2019/20 Proj.							
World 2/	Aug	11.75	240.64	64.39	236.86	68.32	11.61
	Sep	11.72	239.96	65.34	236.98	68.18	11.85
World Less China	Aug	11.75	173.32	64.34	170.39	67.42	11.61
	Sep	11.72	172.64	65.29	170.51	67.28	11.85
United States	Aug	0.41	45.04	0.45	33.11	12.43	0.36
	Sep	0.41	45.04	0.45	33.11	12.43	0.36
Total Foreign	Aug	11.35	195.60	63.93	203.75	55.89	11.24
	Sep	11.31	194.92	64.88	203.87	55.75	11.49
Major Exporters 3/	Aug	6.32	75.55	0.04	28.10	47.55	6.26
	Sep	6.26	75.71	0.04	28.15	47.60	6.26
Argentina	Aug	2.69	34.00	0.00	3.40	30.50	2.79
	Sep	2.69	34.00	0.00	3.40	30.50	2.79
Brazil	Aug	3.36	33.95	0.03	18.95	15.20	3.19
	Sep	3.36	33.95	0.03	18.95	15.20	3.19
India	Aug	0.28	7.60	0.02	5.75	1.85	0.29
	Sep	0.21	7.76	0.02	5.80	1.90	0.29
Major Importers 4/	Aug	1.67	22.71	40.23	62.20	0.60	1.81
	Sep	1.52	22.63	40.23	62.05	0.60	1.73
European Union	Aug	0.40	12.64	19.00	31.34	0.35	0.35
	Sep	0.25	12.56	19.00	31.19	0.35	0.27
Mexico	Aug	0.05	4.70	2.13	6.75	0.02	0.12
	Sep	0.05	4.70	2.13	6.75	0.02	0.12
Southeast Asia 5/	Aug	1.13	3.54	17.32	20.51	0.23	1.26
	Sep	1.13	3.54	17.32	20.51	0.23	1.26

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. Totals may not add due to rounding.

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

2017/18		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		3.79	55.18	9.79	54.71	10.50	3.56
World Less China		3.12	39.06	9.31	38.21	10.29	2.99
United States		0.78	10.78	0.15	9.70	1.11	0.91
Total Foreign		3.01	44.40	9.64	45.01	9.40	2.65
Major Exporters 3/		0.74	19.35	0.33	12.28	7.25	0.89
Argentina		0.28	7.24	0.00	3.08	4.13	0.31
Brazil		0.29	8.54	0.05	6.94	1.51	0.42
European Union		0.16	2.84	0.28	2.23	0.90	0.16
Major Importers 4/		1.37	18.44	5.86	24.48	0.27	0.91
China		0.67	16.13	0.48	16.50	0.21	0.57
India		0.48	1.39	2.98	4.72	0.01	0.12
North Africa 5/		0.13	0.70	1.53	2.18	0.06	0.13
2018/19 Est.							
World 2/		3.56	56.03	10.91	55.42	11.29	3.78
World Less China		2.99	40.80	10.16	39.56	11.11	3.27
United States		0.91	10.99	0.18	10.37	0.93	0.78
Total Foreign		2.65	45.04	10.73	45.06	10.36	3.00
Major Exporters 3/		0.89	20.11	0.43	12.26	8.06	1.11
Argentina		0.31	8.06	0.00	2.69	5.35	0.33
Brazil		0.42	8.21	0.05	7.16	1.13	0.40
European Union		0.16	3.10	0.38	2.38	0.88	0.38
Major Importers 4/		0.91	18.01	6.72	24.34	0.27	1.03
China		0.57	15.23	0.75	15.87	0.18	0.51
India		0.12	1.76	3.30	4.95	0.01	0.23
North Africa 5/		0.13	0.73	1.63	2.28	0.08	0.13
2019/20 Proj.							
World 2/	Aug	3.78	57.41	11.68	57.25	11.90	3.72
	Sep	3.78	57.25	11.61	57.11	11.85	3.68
World Less China	Aug	3.27	42.18	10.58	41.03	11.78	3.22
	Sep	3.27	42.02	10.51	40.90	11.73	3.18
United States	Aug	0.79	11.13	0.20	10.66	0.78	0.68
	Sep	0.78	11.13	0.20	10.66	0.78	0.67
Total Foreign	Aug	2.99	46.28	11.48	46.59	11.12	3.04
	Sep	3.00	46.13	11.41	46.45	11.07	3.01
Major Exporters 3/	Aug	1.15	20.87	0.38	12.43	8.82	1.15
	Sep	1.11	20.86	0.41	12.48	8.77	1.13
Argentina	Aug	0.33	8.70	0.00	2.84	5.85	0.34
	Sep	0.33	8.70	0.00	2.84	5.85	0.34
Brazil	Aug	0.40	8.39	0.05	7.20	1.25	0.39
	Sep	0.40	8.39	0.05	7.20	1.25	0.39
European Union	Aug	0.41	3.04	0.33	2.36	1.00	0.42
	Sep	0.38	3.02	0.35	2.41	0.95	0.39
Major Importers 4/	Aug	0.98	18.00	7.31	25.06	0.21	1.02
	Sep	1.03	18.04	7.31	25.14	0.21	1.02
China	Aug	0.51	15.23	1.10	16.21	0.13	0.50
	Sep	0.51	15.23	1.10	16.21	0.13	0.50
India	Aug	0.18	1.71	3.50	5.15	0.01	0.23
	Sep	0.23	1.75	3.50	5.24	0.01	0.23
North Africa 5/	Aug	0.13	0.73	1.66	2.32	0.08	0.12
	Sep	0.13	0.73	1.66	2.32	0.08	0.12

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

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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>
2018	III	6,819	6,315	13,189	10,940	1,431	12,515	25,704	2,300	54.0
	IV	6,862	7,031	13,952	10,588	1,518	12,239	26,191	2,331	53.4
	Annual	26,872	26,315	53,417	42,601	5,878	49,018	102,435	9,115	217.6
2019	I	6,414	6,838	13,308	10,384	1,446	11,957	25,264	2,307	54.5
	II	6,814	6,615	13,487	10,933	1,450	12,513	26,000	2,337	55.8
	III*	6,935	6,705	13,694	11,300	1,450	12,880	26,574	2,335	53.9
	IV*	6,790	7,420	14,267	10,850	1,520	12,497	26,764	2,355	53.8
	Annual									
	Aug Proj.	27,043	27,633	54,903	43,311	5,886	49,721	104,624	9,324	217.9
	Sep Proj.	26,953	27,578	54,756	43,467	5,866	49,847	104,603	9,334	218.0
2020	I*	6,615	7,115	13,787	10,525	1,455	12,106	25,893	2,310	55.5
	II*	7,060	6,785	13,901	11,100	1,465	12,707	26,608	2,340	56.4
	Annual									
	Aug Proj.	27,565	28,410	56,203	43,800	5,930	50,276	106,479	9,410	221.4
	Sep Proj.	27,670	28,410	56,308	44,000	5,930	50,476	106,784	9,410	221.2

* 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>
2018	III	110.83	43.90	93.7	80.4	120.8	16.17
	IV	115.32	42.77	86.7	81.4	125.6	17.07
	Annual	117.12	45.93	97.8	80.2	137.6	16.26
2019	I	125.27	40.67	94.0	82.8	107.3	16.97
	II	118.79	57.95	97.7	85.5	69.7	17.93
	III*	107.00	51.00	82.0	91.0	85.0	19.00
	IV*	103.00	48.00	75.0	94.0	100.0	19.40
	Annual						
	Aug Proj.	116.5	51.0	86.5	88.5	83.5	18.30
	Sep Proj.	113.5	49.5	87.0	88.5	90.5	18.35
2020	I*	119.00	55.00	90.0	86.0	87.0	18.90
	II*	117.00	60.00	101.0	88.0	88.0	18.65
	Annual						
	Aug Proj.	119	59	92	90	97	18.80
	Sep Proj.	115	59	92	90	99	18.85

*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.

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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	2018	649	26,938	2,998	30,585	3,161	662	26,762	57.2
	2019 Proj. Aug	662	27,109	3,045	30,816	3,151	660	27,005	57.4
	Sep	662	27,019	3,030	30,711	3,141	670	26,900	57.2
	2020 Proj. Aug	660	27,631	2,960	31,251	3,245	665	27,341	57.8
	Sep	670	27,736	2,960	31,366	3,245	675	27,446	58.0
Pork	2018	554	26,330	1,042	27,926	5,876	559	21,491	50.9
	2019 Proj. Aug	559	27,647	956	29,162	6,455	600	22,107	52.1
	Sep	559	27,592	956	29,107	6,530	600	21,977	51.8
	2020 Proj. Aug	600	28,424	915	29,939	6,945	650	22,344	52.3
	Sep	600	28,424	915	29,939	7,065	640	22,234	52.1
Total Red Meat 5/	2018	1,246	53,507	4,313	59,066	9,043	1,266	48,757	109.5
	2019 Proj. Aug	1,266	54,992	4,271	60,529	9,613	1,301	49,615	110.8
	Sep	1,266	54,845	4,244	60,355	9,678	1,310	49,367	110.2
	2020 Proj. Aug	1,301	56,293	4,144	61,738	10,197	1,354	50,187	111.4
	Sep	1,310	56,398	4,144	61,852	10,317	1,353	50,182	111.4
Broiler	2018	856	42,145	139	43,140	7,069	845	35,227	92.4
	2019 Proj. Aug	845	42,848	128	43,820	7,121	845	35,854	93.5
	Sep	845	43,002	130	43,976	7,131	845	36,001	93.9
	2020 Proj. Aug	845	43,331	132	44,308	7,250	840	36,218	93.9
	Sep	845	43,529	132	44,506	7,250	840	36,416	94.4
Turkey	2018	310	5,878	19	6,206	611	303	5,293	16.2
	2019 Proj. Aug	303	5,886	15	6,204	627	295	5,281	16.0
	Sep	303	5,866	15	6,184	627	295	5,261	16.0
	2020 Proj. Aug	295	5,930	16	6,241	630	310	5,301	16.0
	Sep	295	5,930	16	6,241	630	310	5,301	16.0
Total Poultry 6/	2018	1,170	48,562	160	49,892	7,764	1,153	40,975	110.0
	2019 Proj. Aug	1,153	49,257	145	50,555	7,827	1,147	41,582	110.9
	Sep	1,153	49,381	147	50,682	7,837	1,147	41,698	111.2
	2020 Proj. Aug	1,147	49,807	151	51,105	7,960	1,158	41,987	111.3
	Sep	1,147	50,005	151	51,303	7,960	1,158	42,185	111.8
Red Meat & Poultry	2018	2,416	102,069	4,473	108,958	16,807	2,419	89,732	219.5
	2019 Proj. Aug	2,419	104,249	4,417	111,085	17,440	2,448	91,197	221.7
	Sep	2,419	104,227	4,392	111,037	17,515	2,457	91,065	221.4
	2020 Proj. Aug	2,448	106,100	4,295	112,843	18,157	2,512	92,174	222.7
	Sep	2,457	106,402	4,295	113,154	18,277	2,511	92,366	223.2

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.

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U.S. Egg Supply and Use

	2017	2018	2019 Proj. Aug	2019 Proj. Sep	2020 Proj. Aug	2020 Proj. Sep
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	142.2	87.5	78.8	78.8	95.0	95.0
Production	8,942.7	9,114.6	9,324.0	9,334.0	9,410.0	9,410.0
Imports	34.2	17.8	16.5	16.5	16.0	16.0
Total Supply	9,119.1	9,220.0	9,419.3	9,429.3	9,521.0	9,521.0
Use						
Exports	354.9	333.1	314.3	314.3	300.0	300.0
Hatching Use	1,035.2	1,057.5	1,068.1	1,068.1	1,090.0	1,090.0
Ending Stocks	87.5	78.8	95.0	95.0	95.0	95.0
Disappearance						
Total	7,641.5	7,750.6	7,941.8	7,951.8	8,036.0	8,036.0
Per Capita (number)	281.8	284.0	289.3	289.7	291.0	291.0

U.S. Milk Supply and Use

	2017	2018	2019 Proj. Aug	2019 Proj. Sep	2020 Proj. Aug	2020 Proj. Sep
Milk	<i>Billion Pounds</i>					
Production	215.5	217.6	217.9	218.0	221.4	221.2
Farm Use	1.0	1.0	1.0	1.0	1.0	1.0
Fat Basis Supply						
Beg. Commercial Stocks	12.7	13.4	13.8	13.8	13.0	13.0
Marketings	214.5	216.6	216.9	217.0	220.3	220.2
Imports	6.0	6.3	7.2	7.0	7.0	6.9
Total Cml. Supply	233.2	236.3	237.8	237.7	240.3	240.1
Fat Basis Use						
Commercial Exports	9.2	10.4	9.4	9.3	9.9	9.6
Ending Commercial Stocks	13.4	13.8	13.0	13.0	13.0	13.0
CCC Donations	0.0	0.0	0.2	0.2	0.0	0.2
Domestic Commercial Use	210.6	212.1	215.2	215.2	217.5	217.3
Skim-solid Basis Supply						
Beg. Commercial Stocks	9.5	11.8	10.7	10.7	10.0	10.0
Marketings	214.5	216.6	216.9	217.0	220.3	220.2
Imports	6.1	5.5	5.5	5.9	5.2	5.6
Total Cml. Supply	230.1	233.8	233.1	233.5	235.5	235.9
Skim-solid Basis Use						
Commercial Exports	40.8	44.7	40.6	40.2	42.4	42.6
Ending Commercial Stocks	11.8	10.7	10.0	10.0	10.1	9.8
CCC Donations	0.0	0.0	0.2	0.2	0.0	0.1
Domestic Commercial Use	177.5	178.5	182.3	183.2	183.1	183.4

Note: Totals may not add due to rounding.

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U.S. Dairy Prices

	2017	2018	2019 Proj. Aug	2019 Proj. Sep	2020 Proj. Aug	2020 Proj. Sep
Product Prices 1/	<i>Dollars Per Pound</i>					
Cheese	1.6344	1.5377	1.685	1.700	1.725	1.775
Butter	2.3303	2.2572	2.320	2.265	2.335	2.225
Nonfat Dry Milk	0.8666	0.7945	1.005	1.015	1.015	1.035
Dry Whey	0.4437	0.3422	0.380	0.390	0.360	0.375
	<i>Dollars Per Cwt</i>					
Milk Prices 2/						
Class III	16.17	14.61	16.30	16.45	16.55	17.05
Class IV	15.16	14.23	16.30	16.15	16.45	16.15
All Milk 3/	17.65	16.26	18.30	18.35	18.80	18.85

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.

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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 3.3 percent. The average difference between the September projection and the final estimate is 8.9 million tons, ranging from 0.9 million to 30.7 million tons. The September projection has been below the estimate 25 times and above 13 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final
	<i>Percent</i>		<i>Million Metric Tons</i>				
WHEAT							
Production							
World	2.0	3.3	8.9	0.9	30.7	25	13
U.S.	1.9	3.1	0.8	0.0	2.5	16	22
Foreign	2.2	3.8	9.0	1.0	30.9	26	12
Exports							
World	5.9	10.0	6.3	0.3	22.0	29	9
U.S.	10.4	17.6	2.6	0.2	10.0	17	21
Foreign	7.3	12.4	6.0	0.2	21.4	28	10
Domestic Use							
World	1.7	2.8	7.1	0.2	23.4	21	17
U.S.	7.3	12.5	2.0	0.0	5.5	12	26
Foreign	1.7	2.8	7.2	0.1	21.0	25	13
Ending Stocks							
World	8.1	13.8	9.9	1.5	29.6	30	8
U.S.	14.5	24.6	2.8	0.5	12.4	22	16
Foreign	8.9	15.1	8.6	0.5	27.1	29	9
COARSE GRAINS 2/							
Production							
World	2.2	3.7	17.6	0.2	50.6	29	9
U.S.	4.2	7.1	7.8	0.2	26.0	25	13
Foreign	2.6	4.4	15.9	1.0	59.9	28	10
Exports							
World	7.1	12.1	7.0	0.1	25.2	27	11
U.S.	19.8	33.5	7.4	0.4	19.1	16	22
Foreign	13.8	23.4	8.0	0.7	20.9	25	13
Domestic Use							
World	1.6	2.7	12.3	0.4	39.0	23	15
U.S.	3.7	6.3	6.4	0.1	15.8	24	14
Foreign	1.8	3.1	11.1	0.4	37.8	25	13
Ending Stocks							
World	14.4	24.5	19.9	1.7	170.3	29	9
U.S.	23.4	39.7	8.6	0.1	32.2	16	22
Foreign	16.6	28.2	15.7	0.7	155.3	31	7
RICE, milled							
Production							
World	2.3	3.9	6.4	0.4	24.1	29	9
U.S.	4.4	7.5	0.2	0.0	0.5	21	16
Foreign	2.4	4.0	6.4	0.3	24.4	29	9
Exports							
World	9.2	15.6	1.7	0.1	6.8	27	11
U.S.	11.4	19.4	0.2	0.0	0.9	19	17
Foreign	10.3	17.5	1.6	0.1	6.8	27	11
Domestic Use							
World	1.8	3.1	4.2	0.4	22.7	30	8
U.S.	6.8	11.6	0.2	0.0	0.5	17	20
Foreign	1.8	3.1	4.2	0.2	23.1	30	8
Ending Stocks							
World	12.5	21.2	6.4	0.5	26.9	32	6
U.S.	22.8	38.7	0.2	0.0	0.9	21	17
Foreign	13.6	23.1	6.4	0.2	26.7	32	6

1/ Footnotes at end of table.

CONTINUED

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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
SOYBEANS	<i>Percent</i>			<i>Million Metric Tons</i>			
Production							
World	4.6	7.8	7.2	0.4	27.4	23	15
U.S.	5.1	8.6	3.0	0.2	10.4	21	17
Foreign	7.5	12.8	6.7	0.9	29.1	18	20
Exports							
World	7.3	12.4	3.5	0.2	12.5	25	13
U.S.	12.5	21.1	3.0	0.1	9.8	23	15
Foreign	17.7	30.1	2.8	0.0	10.5	17	21
Domestic Use							
World	3.3	5.7	4.7	0.0	15.1	24	14
U.S.	4.5	7.7	1.7	0.1	4.5	25	13
Foreign	4.1	7.0	4.6	0.0	11.2	24	14
Ending Stocks							
World	17.9	30.3	5.4	0.2	24.8	22	16
U.S.	38.2	64.9	2.2	0.1	6.6	12	26
Foreign	19.8	33.7	4.8	0.0	24.7	23	14
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	4.7	8.0	3.2	0.1	12.6	23	15
U.S.	6.1	10.4	0.8	0.0	2.4	19	18
Foreign	5.3	9.1	2.9	0.0	11.3	24	14
Exports							
World	9.3	15.8	2.3	0.0	10.1	23	15
U.S.	20.9	35.4	1.2	0.1	3.4	21	17
Foreign	12.1	20.5	1.8	0.1	8.8	21	17
Domestic Use							
World	4.0	6.8	3.0	0.1	13.1	15	23
U.S.	8.4	14.3	0.4	0.0	1.3	17	19
Foreign	4.1	6.9	2.9	0.0	12.3	16	21
Ending Stocks							
World	14.3	24.2	5.3	0.2	15.9	26	12
U.S.	35.9	61.0	1.3	0.1	5.1	16	22
Foreign	14.7	24.9	4.9	0.2	16.0	26	12

1/ Marketing years 1981/82 through 2018/19 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 2017/18, and for 2018/19 the last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

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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
CORN	<i>Percent</i>		<i>Million Bushels</i>				
Production	4.4	7.5	292	15	885	25	13
Exports	20.5	34.8	265	46	725	16	22
Domestic Use	4.1	6.9	253	0	575	24	13
Ending Stocks	26.7	45.3	322	2	1,321	16	22
SORGHUM							
Production	6.1	10.4	24	0	81	16	21
Exports	31.4	53.3	40	0	150	19	18
Domestic Use	24.3	41.2	39	0	120	19	17
Ending Stocks	47.9	81.4	32	1	155	12	26
BARLEY							
Production	4.9	8.2	11	1	36	15	23
Exports	65.2	110.6	13	0	82	15	18
Domestic Use	9.9	16.8	23	0	72	12	24
Ending Stocks	17.7	30.0	19	0	70	19	18
OATS							
Production	9.6	16.3	11	0	44	6	31
Exports	97.7	165.8	1	0	8	10	14
Domestic Use	6.6	11.1	14	1	39	11	27
Ending Stocks	23.2	39.4	14	2	47	19	19
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	4.4	7.4	1,321	93	4,200	25	13
Exports	14.5	24.6	907	34	4,100	22	16
Domestic Use	3.7	6.3	776	26	3,200	23	15
Ending Stocks	40.0	67.9	52	0	368	14	13
SOYBEAN OIL			<i>Million Pounds</i>				
Production	4.6	7.8	623	26	2,635	24	14
Exports	34.0	57.8	424	0	1,675	20	17
Domestic Use	4.2	7.1	478	86	2,150	25	13
Ending Stocks	30.6	51.9	435	60	1,357	21	17
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	4.1	6.9	807	32	2,486	26	11
Pork	3.0	5.1	399	5	1,356	22	15
Broilers	2.1	3.6	510	49	1,379	22	15
Turkeys	3.7	6.4	144	2	444	21	16
			<i>Million Dozen</i>				
Eggs	1.9	3.2	110	4	414	25	12
			<i>Billion Pounds</i>				
Milk	1.6	2.8	1.8	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 2018/19 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 2017/18, and for 2018/19 the last month's estimate. Calendar years 1982 through 2018 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2018.

Related USDA Reports

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>.

Supply and Demand Database

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 <https://apps.fas.usda.gov/psdonline/app/index.html>. Data for grains, oilseeds, and cotton are updated monthly and data for other commodities are updated less frequently.

Foreign Production Assessments

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/.

Metric Conversion Factors

1 Hectare = 2.4710 Acres

1 Kilogram = 2.20462 Pounds

Metric-Ton Equivalent	= Domestic Unit	Factor
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



USDA NASS Data Users' Meeting
Tuesday, October 15, 2019

American Farm Bureau Federation
600 Maryland Ave SW #1000w
Washington, DC 20024

USDA's National Agricultural Statistics Service will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For registration details and additional information about the Data Users' Meeting, see the meeting page on the NASS website (https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php). Contact Vernita Murray (NASS) at 202-690-8141 or vernita.murray@nass.usda.gov or Patricia Snipe (NASS) at 202-720-2248 or patricia.snipe@nass.usda.gov for information.

For complete WASDE tables and previous month's report visit

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For questions contact: Mirvat Sewadeh at 202-720-5447 or msewadeh@oce.usda.gov

World Agricultural Supply and Demand Estimates

WASDE-592 – September 12, 2019

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