

World Agricultural Supply and Demand Estimates

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WHEAT: The outlook for 2018/19 U.S. wheat this month is larger supplies, reduced domestic use, unchanged exports, and higher ending stocks. Wheat production is raised 7 million bushels to 1,884 million from the NASS *Small Grains Summary*, issued on September 28. Projected imports increased 5 million bushels to 140 million on higher-than-expected imports of spring wheat and Durum in the first quarter (June-August). The NASS *Grain Stocks* report indicated a 21 percent year-to-year increase in implied disappearance for first quarter feed and residual. But record-large 2018/19 U.S. corn supplies are expected to restrain feed and residual use for the remainder of the year with the annual estimate reduced by 10 million bushels to 110 million. Wheat exports are unchanged at 1,025 million bushels but there are offsetting by-class changes with White higher and Hard Red Winter lower. Projected ending stocks are higher at 956 million bushels but still 13 percent below last year's revised 1,099 million. The season-average farm price range is unchanged at the midpoint of \$5.10 per bushel and the range is narrowed to \$4.80 to \$5.40.

Global 2018/19 wheat supplies are reduced, primarily on lower production forecasts for Australia and Russia. Australia's production is decreased 1.5 million tons to 18.5 million on continued dry conditions and possible frost damage. This would be Australia's smallest production since 2007/08. Russia's wheat production is reduced 1.0 million tons to 70.0 million on lower-than-expected yields in some spring wheat areas. Projected global 2018/19 trade is lower, almost all on reduced Australian exports, which are down 1.0 million tons to 13.0 million. Global imports are decreased with Bangladesh, Azerbaijan, and Nigeria accounting for most of the reduction. Projected 2018/19 world consumption is fractionally lower, primarily on less use in Azerbaijan, Bangladesh, Nigeria, and the United States. Global ending stocks are reduced 1.1 million tons to 260.2 million, down 5 percent from last year's record.

COARSE GRAINS: This month's 2018/19 U.S. corn outlook is for lower production, increased exports, reduced feed and residual use and larger ending stocks. Corn production is forecast at 14.778 billion bushels, down 49 million on a reduced yield forecast. Harvested area is virtually unchanged from last month. Corn supplies are forecast record high, as a smaller crop is more than offset by an increase in beginning stocks based on the September 28 *Grain Stocks* report. Exports are raised 75 million bushels reflecting U.S. price competitiveness and reduced exports for Russia. Projected feed and residual use is lowered 25 million bushels based on a lower crop and indicated disappearance during 2017/18. Corn ending stocks for 2018/19 are raised 39 million bushels. The projected midpoint for the season-average corn price received by producers is unchanged at a range of \$3.00 to \$4.00 per bushel.

Grain sorghum production is forecast higher from last month, as a 3.9-bushel per acre increase in yield to 75.0 bushels per acre is partially offset by a reduction in harvested area. Barley and oat production estimates are updated based on the September 28 *Small Grains Summary* report.

Global coarse grain production for 2018/19 is forecast down 3.8 million tons to 1,343.4 million. The 2018/19 foreign coarse grain outlook is for lower production and consumption, and higher stocks relative to last month. Foreign corn production is forecast modestly higher reflecting projected increases for Egypt, Mali, Kenya, Canada, the EU, and Serbia that are partly offset by reductions for Russia and Malawi. The projected corn yield for Russia is lowered based on reported harvest results to date.

Corn exports are reduced for Russia, with more than offsetting increases for the United States, Serbia, and Canada. Corn imports are raised for Mexico and Israel, with the former based on lowered expected imports of sorghum. Foreign corn ending stocks are higher, mostly reflecting increases for Mexico, Egypt, and Iran that are partly offset by reductions for South Africa and Turkey. Global corn stocks, at 159.4 million tons, are up 2.3 million from last month.

RICE: The 2018/19 rice crop is reduced 0.7 million cwt to 218.8 million on lower yields. The average yield forecast is lowered 24 pounds per acre to 7,539 pounds. Decreases are in Texas and California. The long-grain crop is reduced 0.5 million cwt to 159.0 million. Medium- and short-grain production is lowered 0.2 million cwt to 59.8 million. All rice ending stocks are lowered 0.7 million cwt to 44.2 million as no other supply and demand changes are made this month. The all rice season-average farm price is unchanged at a range of \$11.20 to \$12.20 per cwt with the midpoint at \$11.70.

Foreign rice supplies for 2018/19 are raised 0.9 million tons mainly on increased production. India's crop is raised 1.0 million tons and Madagascar is raised 0.4 million, both on updated government data. Partly offsetting is a 0.5-million-ton reduction for Egypt on new government policies that restrict rice production. Global trade and consumption are only changed fractionally. With supplies rising more than use, global ending stocks are increased 0.8 million tons to 145.2 million.

OILSEEDS: U.S. oilseed production for 2018/19 is projected at 138.4 million tons, down 0.1 million from last month with lower soybean and sunflowerseed production only partly offset with higher canola production. Soybean production is forecast at 4,690 million bushels, down 3.5 million with higher yields offset by lower harvested area. The soybean yield is projected at 53.1 bushels per acre, up 0.3 bushels from the September forecast. Harvested area is reduced 0.6 million acres to 88.3 million. Increases for North Dakota, Nebraska, and Iowa are more than offset by reductions in many other states. Soybean supplies for 2018/19 are projected at a record 5,153 million bushels on higher beginning stocks. With soybean use unchanged, ending stocks are projected at 885 million bushels.

The 2018/19 U.S. season-average soybean price is forecast at \$7.35 to \$9.85, unchanged at the midpoint from last month. Soybean meal and soybean oil price

projections are also unchanged at \$290 to \$330 per short ton and 28.0 to 32.0 cents per pound, respectively.

Global oilseed production for 2018/19 is projected at 603.9 million tons, down 0.7 million from last month as lower peanut production is partly offset by higher soybean and rapeseed production. Global soybean output is projected at a record 369.5 million tons, up 0.2 million with higher production for Canada partly offset by lower projections for India, the United States, and Mexico. The soybean and peanut crops for India are reduced on lower area harvested based on government reports. India's peanut yield is also reduced due to below-normal and inconsistent rainfall in Gujarat where nearly half of the peanuts are produced. Despite lower global oilseed production, increased beginning stocks, mainly in the United States, results in a 2.0 million-ton increase to global oilseed ending stocks to 123.8 million. Global soybean ending stocks are increased 1.8 million tons to 110.0 million.

SUGAR: U.S. sugar supply for 2017/18 is decreased by 58,022 short tons, raw value (STRV). The decrease reflects a reduction in estimated Louisiana cane sugar production for the month of September 2018 and a net reduction in imports. Imports under tariff-rate quotas (TRQs) are reduced by 62,527 STRV but are partially offset by a 10,000-STRV increase in high-tier tariff imports and a 1,404-STRV increase in re-export imports. U.S. sugar supply for 2018/19 is reduced by 99,496 STRV. The reduction reflects lower beginning stocks and lower production partially offset by a shift in free trade agreement 2018 calendar year TRQ imports from the third quarter of 2018 to the fourth quarter. Beet sugar production for 2018/19 is reduced 106,719 STRV on a lower sugarbeet production forecast by NASS. Cane sugar production in Louisiana is increased by 40,724 STRV on NASS increases for both sugarcane area and yield forecasts.

Mexico sugar exports for 2017/18 are estimated at 1.147 million metric tons (MT), a reduction of 60,116 from last month. Exports are comprised of 1.086 million MT to the United States under export licenses and of combined exports of 60,796 MT to non-U.S. destinations and to the U.S. re-export import program. Ending stocks are residually estimated at 1.328 million MT of which 350,358 are required to be exported in 2018/19 before December 31 per provisions administered by the Fideicomiso Maestro para la Exportación de Excedentes de los Ingenios (FIMAE). Mexico sugar exports for 2018/19 are projected to increase 86,207 MT reflecting supplies reported by CONADESUCA under FIMAE provisions.

LIVESTOCK, POULTRY, AND DAIRY: The forecast for 2018 total red meat and poultry production is lowered from last month. Beef production is reduced from the previous month largely due to lower expected fourth-quarter fed cattle slaughter. Carcass weights are forecast lower on a higher expected proportion of cows in the slaughter mix. The pork production forecast is lowered on smaller second-half commercial hog slaughter and lighter carcass weights. The broiler and turkey production forecasts are reduced on expectations of slightly lower slaughter for the remainder of the year. The 2018 egg production forecast is raised from last month.

For 2019, the total red meat and poultry production forecast is raised from the previous month as higher expected beef production more than offsets lowered forecasts for pork and broiler production. Beef production is raised from last month as larger placements in late 2018 and early 2019 are marketed during 2019. However, carcass weights are lowered for the early part of the year. Pork production is forecast slightly lower from last month. Both hog slaughter and carcass weight forecasts are reduced. The 2019 broiler production forecast is reduced from last month while the turkey production forecast is unchanged.

Beef import forecasts are lowered for 2018 and 2019 while beef export forecasts remain unchanged. Pork import forecasts for 2018 and 2019 are reduced from last month. No change is made to the 2018 pork export forecast, but the 2019 export forecast is raised on strong global demand for competitively priced U.S. pork products. The 2018 and 2019 turkey export forecasts are reduced from last month on recent trade data and slower expected demand into next year. Annual broiler and egg export forecasts for 2018 and 2019 are unchanged from last month.

The 2018 cattle price for the fourth quarter is raised from last month, but no change is made to the 2019 price forecast. The hog price forecast is raised for the last quarter of 2018 and into 2019 on expected demand strength. Broiler and turkey price forecasts are unchanged at the midpoint for 2018 and 2019. The egg price forecast for fourth-quarter 2018 is raised on near-term demand strength, but no change is made to the 2019 price forecasts.

The milk production forecasts for 2018 and 2019 are raised from the previous month on a more rapid pace of growth in milk per cow. Cow numbers are raised for 2019. Fat basis imports for 2018 and 2019 are raised on continued strength in butterfat imports and slightly higher cheese imports. The 2018 and 2019 skim-solids basis import forecasts are lowered from the previous month. Exports on a fat basis are raised for 2018 on stronger cheese exports, but no change is made to the 2019 export forecast. Skim-solids basis exports for 2018 are raised, primarily on stronger nonfat dry milk (NDM) and whey product shipments.

For 2018 and 2019, butter and whey price forecasts are raised from the previous month on expected demand strength, but the cheese price forecasts are lowered on continued large supplies. The NDM price forecast is unchanged. The Class III price is lowered for 2018; but for 2019, higher whey prices are expected to more than offset the declines in cheese prices, and the Class III price forecast is raised. The Class IV price is raised for both years due to higher forecast butter prices. The 2018 all milk price forecast is unchanged at the midpoint at \$16.35 to \$16.45 per cwt, and the 2019 price is raised to \$16.85 to \$17.75 per cwt.

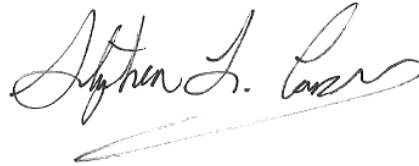
COTTON: The 2018/19 U.S. cotton supply and demand estimates show higher ending stocks, based on slightly larger production and lower exports relative to last month. Production is raised 81,000 bales, with higher production in Texas and Georgia largely offset by lower production in the Carolinas. Domestic mill use is unchanged from last month, but the export forecast is reduced 200,000 bales to 15.5 million, due to reduced

world trade and consumption. Ending stocks are forecast at 5.0 million bales, and the resulting stocks-to-use ratio of 26 percent is slightly higher than the previous month's forecast, and the highest since 2015/16. The forecast range for the marketing year average farm price is 69.0 to 77.0 cents per pound; the midpoint of 73.0 cents is down 2 cents from the previous month's projection.

The 2018/19 global ending stocks forecast is lowered 4 percent this month as lower production and sharply lower beginning stocks offset marginally smaller consumption. Stocks are lowered mainly in India, as revisions are made to production, consumption, and loss over 2002/03-2013/14 to better reflect Indian government data (consumption) and the impact of shifting producers' marketing patterns (see the October 2018 issue of the FAS *Cotton: World Markets and Trade* publication). Production forecasts are lowered for Australia, and raised for Greece and the United States. Consumption and imports are lowered for Turkey. Global beginning stocks are lowered 2.9 million bales and ending stocks are lowered 3.0 million bales. Ending stocks in 2018/19 are down 6.4 million bales from last year, largely reflecting an expected 8.2-million-bale decline in China.

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TABLE OF CONTENTS

	Page
Highlights.....	1
Interagency Commodity Estimates Committees.....	6
World & U.S. Supply & Use for Grains.....	8
World & U.S. Supply & Use for Cotton.....	9
World & U.S. Supply & Use for Oilseeds	10
U.S. Wheat Supply & Use	11
U.S. Wheat Supply & Use by Class	11
U.S. Feed Grain & Corn Supply & Use	12
U.S. Sorghum, Barley & Oats Supply & Use.....	13
U.S. Rice Supply & Use	14
U.S. Soybeans & Products Supply & Use.....	15
U.S. Sugar Supply & Use.....	16
Mexico Sugar Supply and Use	16
U.S. Cotton Supply & Use	17
World Wheat Supply & Use.....	18
World Coarse Grains Supply & Use.....	20
World Corn Supply & Use	22
World Rice Supply & Use.....	24
World Cotton Supply & Use.....	26
World Soybean Supply & Use	28
World Soybean Meal Supply & Use.....	29
World Soybean Oil Supply & Use.....	30
U.S. Quarterly Animal Product Production.....	31
U.S. Quarterly Prices for Animal Products	31
U.S. Meats Supply and Use	32
U.S. Egg Supply & Use	33
U.S. Milk Supply and Use	33
U.S. Dairy Prices	34
Reliability Tables.....	35
Related USDA Reports	38
Metric Conversion Factors	38
Electronic Access and Subscriptions.....	40

WASDE - 582 - 8

**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/	2016/17		2609.18	3234.53	429.18	2578.27	656.26
	2017/18 (Est.)		2565.66	3221.91	415.53	2573.90	648.02
	2018/19 (Proj.)	Sep	2567.35	3210.89	430.80	2620.45	590.44
		Oct	2562.05	3210.06	429.43	2618.75	591.31
Wheat	2016/17		752.08	996.48	183.35	739.22	257.26
	2017/18 (Est.)		758.74	1016.00	181.27	741.15	274.85
	2018/19 (Proj.)	Sep	733.00	1007.35	181.39	746.06	261.29
		Oct	730.92	1005.78	180.40	745.60	260.18
Coarse Grains 5/	2016/17		1369.73	1617.81	198.59	1355.72	262.09
	2017/18 (Est.)		1315.40	1577.49	186.03	1350.25	227.24
	2018/19 (Proj.)	Sep	1347.19	1570.75	199.90	1386.00	184.75
		Oct	1343.37	1570.61	199.52	1384.68	185.93
Rice, milled	2016/17		487.37	620.24	47.25	483.33	136.91
	2017/18 (Est.)		491.52	628.42	48.23	482.50	145.92
	2018/19 (Proj.)	Sep	487.16	632.79	49.51	488.39	144.40
		Oct	487.76	633.68	49.51	488.47	145.21
United States							
Total Grains 4/	2016/17		472.56	556.09	96.71	363.62	95.76
	2017/18 (Est.)		437.26	541.09	94.58	357.75	88.76
	2018/19 (Proj.)	Sep	448.84	542.48	96.56	370.13	75.79
		Oct	447.67	544.54	97.83	369.84	76.86
Wheat	2016/17		62.83	92.60	28.60	31.86	32.13
	2017/18 (Est.)		47.35	83.76	24.52	29.33	29.91
	2018/19 (Proj.)	Sep	51.08	84.70	27.90	31.35	25.45
		Oct	51.29	85.00	27.90	31.08	26.03
Coarse Grains 5/	2016/17		402.61	454.15	64.46	327.53	62.17
	2017/18 (Est.)		384.26	449.36	67.30	324.14	57.92
	2018/19 (Proj.)	Sep	390.79	449.02	65.55	334.55	48.92
		Oct	389.44	450.80	66.82	334.54	49.43
Rice, milled	2016/17		7.12	9.34	3.65	4.23	1.46
	2017/18 (Est.)		5.66	7.98	2.76	4.28	0.93
	2018/19 (Proj.)	Sep	6.97	8.76	3.11	4.22	1.43
		Oct	6.95	8.74	3.11	4.22	1.40

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

WASDE - 582 - 9

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

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks	
Total Grains 4/	2016/17	2,136.62	2,678.44	332.47	2,214.65	560.50	
	2017/18 (Est.)	2,128.40	2,680.82	320.94	2,216.15	559.26	
	2018/19 (Proj.)	Sep	2,118.51	2,668.42	334.24	2,250.32	514.65
		Oct	2,114.38	2,665.53	331.60	2,248.91	514.45
Wheat	2016/17	689.25	903.88	154.74	707.35	225.13	
	2017/18 (Est.)	711.39	932.24	156.75	711.82	244.95	
	2018/19 (Proj.)	Sep	681.92	922.66	153.50	714.71	235.85
		Oct	679.64	920.77	152.50	714.52	234.15
Coarse Grains 5/	2016/17	967.11	1,163.65	134.13	1,028.20	199.92	
	2017/18 (Est.)	931.15	1,128.13	118.73	1,026.10	169.32	
	2018/19 (Proj.)	Sep	956.40	1,121.73	134.35	1,051.45	135.83
		Oct	953.93	1,119.81	132.70	1,050.14	136.50
Rice, milled	2016/17	480.25	610.90	43.61	479.10	135.45	
	2017/18 (Est.)	485.86	620.45	45.47	478.23	144.99	
	2018/19 (Proj.)	Sep	480.19	624.03	46.39	484.17	142.98
		Oct	480.81	624.94	46.40	484.25	143.81

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	2016/17	106.63	197.17	37.65	116.16	80.85	
	2017/18 (Est.)	123.53	204.38	40.74	123.27	80.89	
	2018/19 (Proj.)	Sep	121.97	205.76	41.80	127.94	77.46
		Oct	121.66	202.55	41.45	127.76	74.45
United States	2016/17	17.17	20.98	14.92	3.25	2.75	
	2017/18 (Est.)	20.92	23.68	15.85	3.23	4.30	
	2018/19 (Proj.)	Sep	19.68	23.99	15.70	3.40	4.70
		Oct	19.76	24.07	15.50	3.40	5.00
Foreign 4/	2016/17	89.46	176.20	22.74	112.91	78.10	
	2017/18 (Est.)	102.61	180.70	24.90	120.05	76.59	
	2018/19 (Proj.)	Sep	102.29	181.77	26.10	124.54	72.76
		Oct	101.89	178.48	25.95	124.36	69.45

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

WASDE - 582 - 10

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

World			Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2016/17		574.02	668.50	170.44	469.47	110.82
	2017/18 (Est.)		574.94	685.75	176.82	484.06	112.17
	2018/19 (Proj.)	Sep	604.67	714.88	181.40	500.30	121.84
		Oct	603.95	716.12	181.73	500.06	123.81
Oilmeals	2016/17		320.83	337.75	88.18	318.07	16.30
	2017/18 (Est.)		330.66	346.96	87.53	328.63	15.42
	2018/19 (Proj.)	Sep	342.53	356.45	89.70	339.02	14.11
		Oct	342.47	357.89	89.70	339.21	15.41
Vegetable Oils	2016/17		189.17	209.86	81.28	183.57	19.90
	2017/18 (Est.)		197.33	217.23	79.85	190.96	20.54
	2018/19 (Proj.)	Sep	203.83	225.62	83.75	196.80	22.87
		Oct	203.33	223.87	83.75	196.83	20.96
United States							
Oilseeds	2016/17		126.93	135.31	60.08	56.26	9.60
	2017/18 (Est.)		131.49	142.51	59.19	60.17	13.83
	2018/19 (Proj.)	Sep	138.44	152.59	57.20	60.87	24.80
		Oct	138.38	153.58	57.20	60.85	25.91
Oilmeals	2016/17		43.11	47.31	10.83	36.08	0.41
	2017/18 (Est.)		47.01	51.20	13.82	36.96	0.42
	2018/19 (Proj.)	Sep	46.94	51.14	12.62	38.10	0.42
		Oct	46.92	51.13	12.62	38.09	0.42
Vegetable Oils	2016/17		11.43	17.37	1.42	14.72	1.23
	2017/18 (Est.)		12.13	18.25	1.35	15.46	1.44
	2018/19 (Proj.)	Sep	12.28	18.80	1.25	16.15	1.40
		Oct	12.27	18.69	1.25	16.04	1.40
Foreign 3/							
Oilseeds	2016/17		447.09	533.19	110.36	413.21	101.22
	2017/18 (Est.)		443.44	543.24	117.63	423.88	98.35
	2018/19 (Proj.)	Sep	466.23	562.29	124.20	439.43	97.04
		Oct	465.57	562.55	124.53	439.20	97.89
Oilmeals	2016/17		277.72	290.44	77.36	281.99	15.89
	2017/18 (Est.)		283.65	295.76	73.71	291.67	15.00
	2018/19 (Proj.)	Sep	295.59	305.31	77.08	300.92	13.69
		Oct	295.55	306.77	77.08	301.12	14.99
Vegetable Oils	2016/17		177.73	192.49	79.86	168.85	18.67
	2017/18 (Est.)		185.20	198.98	78.50	175.50	19.10
	2018/19 (Proj.)	Sep	191.56	206.82	82.50	180.65	21.46
		Oct	191.07	205.18	82.50	180.79	19.56

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

WASDE - 582 - 11

U.S. Wheat Supply and Use 1/

	2016/17	2017/18 Est.	2018/19 Proj. Sep	2018/19 Proj. Oct
			<i>Million Acres</i>	
Area Planted	50.1	46.0	47.8	47.8
Area Harvested	43.9	37.5	39.6	39.6
			<i>Bushels</i>	
Yield per Harvested Acre	52.7	46.3	47.4	47.6
			<i>Million Bushels</i>	
Beginning Stocks	976	1,181	1,100	1,099
Production	2,309	1,740	1,877	1,884
Imports	118	157	135	140
Supply, Total	3,402	3,078	3,112	3,123
Food	949	964	970	970
Seed	61	63	62	62
Feed and Residual	161	50	120	110
Domestic, Total	1,171	1,078	1,152	1,142
Exports	1,051	901	1,025	1,025
Use, Total	2,222	1,979	2,177	2,167
Ending Stocks	1,181	1,099	935	956
Avg. Farm Price (\$/bu) 2/	3.89	4.72	4.70 - 5.50	4.80 - 5.40

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red	Hard Red	Soft Red	White	Durum	Total
		Winter	Spring	Winter			
				<i>Million</i>			
				<i>Bushels</i>			
2017/18 (Est.)	Beginning Stocks	589	235	215	105	36	1,181
	Production	750	384	292	258	55	1,740
	Supply, Total 3/	1,346	707	511	371	142	3,078
	Domestic Use	394	288	216	90	90	1,078
	Exports	371	228	91	193	18	901
	Use, Total	765	516	306	284	107	1,979
	Ending Stocks, Total	581	191	205	87	35	1,099
2018/19 (Proj.)	Beginning Stocks	581	191	205	87	35	1,099
	Production	662	587	286	272	77	1,884
	Supply, Total 3/	1,248	848	499	366	162	3,123
	Domestic Use	459	292	209	94	88	1,142
	Exports	365	295	120	215	30	1,025
	Use, Total	824	587	329	309	118	2,167
	Ending Stocks, Total	424	261	170	57	44	956
		Oct					
		Sep					
		409	252	173	65	36	935

Note: Totals may not add due to rounding. 1/ Marketing year beginning June 1. 2/ Marketing-year weighted average price received by farmers. 3/ Includes imports.

WASDE - 582 - 12

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

	2016/17	2017/18 Est.	2018/19 Proj. Sep	2018/19 Proj. Oct
FEED GRAINS				
			<i>Million Acres</i>	
Area Planted	106.6	100.9	100.6	100.2
Area Harvested	96.5	90.5	90.1	89.7
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.17	4.24	4.33	4.34
			<i>Million Metric Tons</i>	
Beginning Stocks	48.1	62.1	54.8	57.9
Production	402.3	384.0	390.5	389.2
Imports	3.3	2.7	3.2	3.2
Supply, Total	453.6	448.9	448.5	450.4
Feed and Residual	144.6	138.5	145.3	145.3
Food, Seed & Industrial	182.4	185.2	188.8	188.8
Domestic, Total	327.0	323.7	334.1	334.1
Exports	64.5	67.3	65.5	66.8
Use, Total	391.5	391.0	399.6	400.9
Ending Stocks	62.1	57.9	48.9	49.4
CORN				
			<i>Million Acres</i>	
Area Planted	94.0	90.2	89.1	89.1
Area Harvested	86.7	82.7	81.8	81.8
			<i>Bushels</i>	
Yield per Harvested Acre	174.6	176.6	181.3	180.7
			<i>Million Bushels</i>	
Beginning Stocks	1,737	2,293	2,002	2,140
Production	15,148	14,604	14,827	14,778
Imports	57	36	50	50
Supply, Total	16,942	16,934	16,879	16,968
Feed and Residual	5,470	5,302	5,575	5,550
Food, Seed & Industrial 2/	6,885	7,054	7,130	7,130
Ethanol & by-products 3/	5,432	5,601	5,650	5,650
Domestic, Total	12,355	12,355	12,705	12,680
Exports	2,294	2,438	2,400	2,475
Use, Total	14,649	14,793	15,105	15,155
Ending Stocks	2,293	2,140	1,774	1,813
Avg. Farm Price (\$/bu) 4/	3.36	3.36	3.00 - 4.00	3.00 - 4.00

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.

WASDE - 582 - 13

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

	2016/17	2017/18 Est.	2018/19 Proj. Sep	2018/19 Proj. Oct
SORGHUM				
	<i>Million Bushels</i>			
Area Planted (mil. acres)	6.7	5.6	6.0	5.8
Area Harvested (mil. acres)	6.2	5.0	5.3	5.1
Yield (bushels/acre)	77.9	72.1	71.1	75.0
Beginning Stocks	37	33	49	35
Production	480	364	376	382
Imports	2	2	0	0
Supply, Total	519	399	426	417
Feed and Residual	133	100	80	105
Food, Seed & Industrial	115	59	125	125
Total Domestic	247	159	205	230
Exports	238	205	175	150
Use, Total	485	364	380	380
Ending Stocks	33	35	46	37
Avg. Farm Price (\$/bu) 2/	2.79	3.22	2.80 - 3.80	2.80 - 3.80
BARLEY				
Area Planted (mil. acres)	3.1	2.5	2.5	2.5
Area Harvested (mil. acres)	2.6	2.0	2.0	2.0
Yield (bushels/acre)	77.9	72.6	76.3	77.4
Beginning Stocks	102	106	95	94
Production	200	142	156	153
Imports	10	9	15	15
Supply, Total	312	257	266	263
Feed and Residual	39	1	10	15
Food, Seed & Industrial	162	157	155	155
Total Domestic	201	158	165	170
Exports	4	5	5	5
Use, Total	205	163	170	175
Ending Stocks	106	94	96	88
Avg. Farm Price (\$/bu) 2/	4.96	4.47	4.10 - 5.30	4.15 - 5.15
OATS				
Area Planted (mil. acres)	2.8	2.6	2.9	2.7
Area Harvested (mil. acres)	1.0	0.8	1.0	0.9
Yield (bushels/acre)	66.0	61.7	65.1	64.9
Beginning Stocks	57	50	41	41
Production	65	49	66	56
Imports	90	89	95	95
Supply, Total	212	189	202	192
Feed and Residual	82	68	80	75
Food, Seed & Industrial	76	78	79	79
Total Domestic	158	146	159	154
Exports	3	2	2	2
Use, Total	161	148	161	156
Ending Stocks	50	41	41	36
Avg. Farm Price (\$/bu) 2/	2.06	2.59	2.50 - 3.10	2.40 - 3.00

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers.

WASDE - 582 - 14

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

TOTAL RICE	2016/17	2017/18 Est.	2018/19 Proj.	2018/19 Proj.
			Sep	Oct
		<i>Million Acres</i>		
Area Planted	3.15	2.46	2.94	2.94
Area Harvested	3.10	2.37	2.90	2.90
		<i>Pounds</i>		
Yield per Harvested Acre	7,237	7,507	7,563	7,539
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	46.5	46.0	29.4	29.4
Production	224.1	178.2	219.5	218.8
Imports	23.5	26.9	27.0	27.0
Supply, Total	294.1	251.2	275.9	275.2
Domestic & Residual 3/	133.2	134.8	133.0	133.0
Exports, Total 4/	114.8	87.0	98.0	98.0
Rough	40.4	28.6	33.0	33.0
Milled (rough equiv.)	74.4	58.4	65.0	65.0
Use, Total	248.0	221.8	231.0	231.0
Ending Stocks	46.0	29.4	44.9	44.2
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	10.40	12.60	11.20 - 12.20	11.20 - 12.20

LONG-GRAIN RICE

Harvested Acres (mil.)	2.40	1.75		
Yield (pounds/acre)	6,927	7,314		
Beginning Stocks	22.7	31.0	20.3	20.3
Production	166.5	127.9	159.5	159.0
Supply, Total 7/	209.4	182.2	203.3	202.8
Domestic & Residual 3/	101.8	98.6	103.0	103.0
Exports 8/	76.6	63.3	69.0	69.0
Use, Total	178.4	161.9	172.0	172.0
Ending Stocks	31.0	20.3	31.3	30.8
Avg. Farm Price (\$/cwt) 6/	9.61	11.70	10.30 - 11.30	10.30 - 11.30

MEDIUM & SHORT-GRAIN RICE

Harvested Acres (mil.)	0.69	0.63		
Yield (pounds/acre)	8,311	8,048		
Beginning Stocks	20.9	11.5	7.6	7.6
Production	57.7	50.4	60.0	59.8
Supply, Total 7/	81.1	67.5	71.2	71.0
Domestic & Residual 3/	31.4	36.2	30.0	30.0
Exports 8/	38.2	23.7	29.0	29.0
Use, Total	69.6	59.9	59.0	59.0
Ending Stocks	11.5	7.6	12.2	12.0
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	13.10	15.00	14.20 - 15.20	14.20 - 15.20
California 10/	14.10	16.60	15.80 - 16.80	15.80 - 16.80
Other States 1/	10.10	12.10	10.60 - 11.60	10.60 - 11.60

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; 2017/18-1.4. 3/ Residual includes unreported use, processing losses, and estimating errors. Use by type may not add to total rice use because of the difference in brokens between beginning and ending stocks. 4/ Includes rough rice and milled rice exports. Milled rice exports are converted to an equivalent rough basis. 5/ Expressed as a percent, i.e., the total quantity of whole kernel and broken rice produced divided by the quantity of rough rice milled. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The medium/short-grain season-average- farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ. For example, the average difference between the August WASDE SAFP forecast and the final price has averaged \$1.65 per cwt from 2008/09-2013/14, with a high of \$3.50 per cwt in 2008/09 and a low of \$0.60 per cwt in 2009/10. 10/ Marketing year beginning October 1.

WASDE - 582 - 15

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

SOYBEANS	2016/17	2017/18 Est.	2018/19 Proj.	2018/19 Proj.
			Sep	Oct
		<i>Million Acres</i>		
Area Planted	83.4	90.1	89.6	89.1
Area Harvested	82.7	89.5	88.9	88.3
		<i>Bushels</i>		
Yield per Harvested Acre	52.0	49.3	52.8	53.1
		<i>Million Bushels</i>		
Beginning Stocks	197	302	395	438
Production	4,296	4,411	4,693	4,690
Imports	22	22	25	25
Supply, Total	4,515	4,734	5,113	5,153
Crushings	1,901	2,055	2,070	2,070
Exports	2,166	2,129	2,060	2,060
Seed	105	104	103	103
Residual	41	8	34	34
Use, Total	4,214	4,296	4,268	4,268
Ending Stocks	302	438	845	885
Avg. Farm Price (\$/bu) 2/	9.47	9.33	7.35 - 9.85	7.35 - 9.85

SOYBEAN OIL

SOYBEAN OIL	<i>Million Pounds</i>			
	Beginning Stocks	1,687	1,711	2,156
Production 4/	22,123	23,795	23,910	23,910
Imports	319	350	300	300
Supply, Total	24,129	25,856	26,366	26,416
Domestic Disappearance	19,862	21,200	22,000	22,100
Biodiesel 3/	6,200	7,100	7,800	7,800
Food, Feed & other Industrial	13,662	14,100	14,200	14,300
Exports	2,556	2,450	2,200	2,200
Use, Total	22,418	23,650	24,200	24,300
Ending stocks	1,711	2,206	2,166	2,116
Avg. Price (c/lb) 2/	32.48	30.04	28.00 - 32.00	28.00 - 32.00

SOYBEAN MEAL

SOYBEAN MEAL	<i>Thousand Short Tons</i>			
	Beginning Stocks	264	401	400
Production 4/	44,787	49,199	48,950	48,950
Imports	350	500	350	350
Supply, Total	45,400	50,100	49,700	49,700
Domestic Disappearance	33,420	34,800	35,800	35,800
Exports	11,580	14,900	13,500	13,500
Use, Total	45,000	49,700	49,300	49,300
Ending Stocks	401	400	400	400
Avg. Price (\$/s.t.) 2/	316.88	345.02	290.00 - 330.00	290.00 - 330.00

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 2,080 million bushels for 2017/18 and 2,070 million bushels for 2018/19.

WASDE - 582 - 16

U.S. Sugar Supply and Use 1/

	2016/17	2017/18 Est.	2018/19 Proj.	2018/19 Proj.
			Sep	Oct
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	2,054	1,876	2,072	2,014
Production 2/	8,969	9,248	9,328	9,262
Beet Sugar	5,103	5,245	5,343	5,236
Cane Sugar	3,866	4,004	3,985	4,026
Florida	2,055	1,983	2,050	2,050
Hawaii	43	0	0	0
Louisiana	1,628	1,852	1,785	1,826
Texas	140	169	150	150
Imports	3,244	3,315	2,776	2,801
TRQ 3/	1,611	1,664	1,539	1,564
Other Program 4/	419	326	350	350
Other 5/	1,213	1,324	887	887
Mexico	1,201	1,269	842	842
Total Supply	14,267	14,439	14,177	14,077
Exports	95	170	85	85
Deliveries	12,258	12,255	12,405	12,405
Food 6/	12,102	12,100	12,250	12,250
Other 7/	156	155	155	155
Miscellaneous	38	0	0	0
Total Use	12,391	12,425	12,490	12,490
Ending Stocks	1,876	2,014	1,687	1,587
Stocks to Use Ratio	15.1	16.2	13.5	12.7

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2017/18 and 2018/19 are based on Crop Production and processor projections where appropriate. 3/ For 2017/18, WTO raw sugar TRQ shortfall (280) and for 2018/19 (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 2017/18 (55) and 2018/19 (45). 6/ After 2014/15, SMD deliveries for domestic human food use and for miscellaneous uses reported separately. 7/ 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: 2016/17 -- 389; estimated 2017/18 -- 269; projected 2018/19 -- 346.

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

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks	
		<i>1,000 Metric Tons, Actual Weight</i>						
Sugar	2017/18 Est.	Sep	1,002	6,010	190	4,727	1,207	1,268
		Oct	1,002	6,010	190	4,727	1,147	1,328
2018/19 Proj.		Sep	1,268	6,025	115	4,952	995	1,461
		Oct	1,328	6,025	115	4,952	1,081	1,435

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): Oct-Sep 2016/17 = 1,522, Estimated 2017/18 = 1,608; Oct - Aug 2016/17 = 1,393; Oct - Aug 2017/18 = 1,460; Projected 2018/19 = 1,608. 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: 2017/18 (390 est); 2018/19 (390). Other Deliveries/Ending Year Statistical Adjustments: 2017/18 (0), 2018/19 (0).

WASDE - 582 - 17

U.S. Cotton Supply and Use 1/

	2016/17	2017/18 Est.	2018/19 Proj.	2018/19 Proj.
			Sep	Oct
Area				
		<i>Million Acres</i>		
Planted	10.07	12.61	14.04	14.04
Harvested	9.51	11.10	10.55	10.53
		<i>Pounds</i>		
Yield per Harvested Acre	867	905	895	901
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	3.80	2.75	4.30	4.30
Production	17.17	20.92	19.68	19.76
Imports	0.01	0.00	0.01	0.01
Supply, Total	20.98	23.68	23.99	24.07
Domestic Use	3.25	3.23	3.40	3.40
Exports, Total	14.92	15.85	15.70	15.50
Use, Total	18.17	19.07	19.10	18.90
Unaccounted 2/	0.06	0.30	0.19	0.17
Ending Stocks	2.75	4.30	4.70	5.00
Avg. Farm Price 3/	68.0	68.0	70.00 - 80.00	69.00 - 77.00

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton.

WASDE - 582 - 18

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

2016/17	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	244.40	752.08	179.09	147.07	739.22	183.35	257.26
United States	26.55	62.83	3.21	4.37	31.86	28.60	32.13
Total Foreign	217.85	689.25	175.88	142.70	707.35	154.74	225.13
Major Exporters 4/	25.34	227.73	5.95	65.87	151.40	84.05	23.56
Argentina	0.82	18.40	0.00	0.05	5.15	13.83	0.25
Australia	3.85	31.82	0.14	4.00	7.45	22.64	5.72
Canada	5.18	32.14	0.50	5.82	10.80	20.16	6.86
European Union 5/	15.49	145.37	5.30	56.00	128.00	27.43	10.73
Major Importers 6/	142.29	199.19	96.34	36.28	277.46	5.48	154.88
Brazil	1.00	6.73	7.35	0.80	12.20	0.62	2.26
China	97.04	128.85	4.41	16.50	118.50	0.75	111.05
Sel. Mideast 7/	16.68	19.14	18.11	4.44	37.75	0.53	15.65
N. Africa 8/	16.63	14.08	28.30	2.35	44.55	0.57	13.89
Pakistan	3.82	25.63	0.00	0.80	24.50	0.60	4.35
Southeast Asia 9/	5.19	0.00	26.89	9.89	25.47	1.02	5.60
Selected Other							
India	14.54	87.00	5.90	4.70	97.12	0.52	9.80
FSU-12	16.98	130.09	7.34	27.62	78.65	54.42	21.33
Russia	5.61	72.53	0.50	17.00	40.00	27.81	10.83
Kazakhstan	2.60	14.99	0.08	2.10	6.90	7.40	3.36
Ukraine	3.35	26.79	0.04	3.60	10.30	18.11	1.77
2017/18 Est.							
World 3/	257.26	758.74	179.32	144.45	741.15	181.27	274.85
United States	32.13	47.35	4.28	1.36	29.33	24.52	29.91
Total Foreign	225.13	711.39	175.03	143.09	711.82	156.75	244.95
Major Exporters 4/	23.56	221.47	6.43	66.11	152.58	71.74	27.13
Argentina	0.25	18.50	0.01	0.05	5.75	12.00	1.00
Australia	5.72	21.30	0.15	3.80	7.28	14.50	5.40
Canada	6.86	29.98	0.45	4.26	9.16	21.95	6.18
European Union 5/	10.73	151.68	5.82	58.00	130.40	23.29	14.55
Major Importers 6/	154.88	202.75	93.71	32.45	277.67	6.52	167.14
Brazil	2.26	4.26	7.00	0.50	12.00	0.25	1.27
China	111.05	129.77	4.00	13.50	117.00	1.00	126.82
Sel. Mideast 7/	15.65	18.33	18.27	5.11	38.86	0.78	12.61
N. Africa 8/	13.89	19.25	27.45	2.25	45.13	0.83	14.63
Pakistan	4.35	26.67	0.00	1.00	25.00	1.20	4.83
Southeast Asia 9/	5.60	0.00	25.87	8.94	25.39	1.04	5.03
Selected Other							
India	9.80	98.51	1.17	5.00	95.83	0.44	13.20
FSU-12	21.33	142.22	8.16	31.71	82.86	68.62	20.23
Russia	10.83	84.99	0.47	21.00	44.00	41.42	10.87
Kazakhstan	3.36	14.80	0.06	2.10	6.90	8.50	2.83
Ukraine	1.77	26.98	0.06	3.30	9.80	17.78	1.24

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

WASDE - 582 - 19

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Sep	274.36	733.00	179.12	140.74	746.06	181.39	261.29
	Oct	274.85	730.92	177.78	140.26	745.60	180.40	260.18
United States	Sep	29.95	51.08	3.67	3.27	31.35	27.90	25.45
	Oct	29.91	51.29	3.81	2.99	31.08	27.90	26.03
Total Foreign	Sep	244.41	681.92	175.44	137.48	714.71	153.50	235.85
	Oct	244.95	679.64	173.97	137.27	714.52	152.50	234.15
Major Exporters 4/	Sep	26.84	208.50	6.61	61.20	147.30	75.20	19.45
	Oct	27.13	207.00	6.61	61.30	147.50	74.20	19.04
Argentina	Sep	0.70	19.50	0.01	0.10	5.70	14.20	0.31
	Oct	1.00	19.50	0.01	0.10	5.80	14.20	0.51
Australia	Sep	5.40	20.00	0.15	4.10	7.60	14.00	3.95
	Oct	5.40	18.50	0.15	4.20	7.70	13.00	3.35
Canada	Sep	6.18	31.50	0.45	4.00	9.00	24.00	5.13
	Oct	6.18	31.50	0.45	4.00	9.00	24.00	5.13
European Union 5/	Sep	14.56	137.50	6.00	53.00	125.00	23.00	10.06
	Oct	14.55	137.50	6.00	53.00	125.00	23.00	10.05
Major Importers 6/	Sep	167.35	202.66	93.31	35.29	284.72	6.76	171.84
	Oct	167.14	202.73	93.21	35.28	284.66	6.76	171.65
Brazil	Sep	1.27	4.70	7.50	0.50	12.10	0.30	1.07
	Oct	1.27	4.70	7.50	0.50	12.10	0.30	1.07
China	Sep	126.82	128.00	4.50	17.00	122.00	1.20	136.12
	Oct	126.82	128.00	4.50	17.00	122.00	1.20	136.12
Sel. Mideast 7/	Sep	12.62	18.86	17.80	4.81	39.09	1.04	9.15
	Oct	12.61	18.86	17.80	4.81	39.09	1.04	9.14
N. Africa 8/	Sep	14.63	21.10	25.90	2.25	45.90	0.69	15.05
	Oct	14.63	21.10	25.90	2.25	45.90	0.69	15.05
Pakistan	Sep	4.83	26.30	0.01	1.20	25.30	1.20	4.64
	Oct	4.83	26.30	0.01	1.20	25.30	1.20	4.63
Southeast Asia 9/	Sep	5.19	0.00	26.20	8.54	26.09	1.07	4.23
	Oct	5.03	0.00	26.10	8.54	26.04	1.07	4.02
Selected Other								
India	Sep	13.20	99.70	0.20	5.00	98.00	0.50	14.60
	Oct	13.20	99.70	0.20	5.00	98.00	0.50	14.60
FSU-12	Sep	19.95	126.04	8.71	28.56	79.34	61.03	14.33
	Oct	20.23	125.04	8.26	28.26	79.14	61.03	13.36
Russia	Sep	10.87	71.00	0.50	18.00	40.50	35.00	6.87
	Oct	10.87	70.00	0.50	18.00	40.50	35.00	5.87
Kazakhstan	Sep	2.83	15.00	0.06	2.20	7.00	8.50	2.39
	Oct	2.83	15.00	0.06	2.20	7.00	8.50	2.39
Ukraine	Sep	1.24	25.50	0.03	3.00	9.20	16.50	1.06
	Oct	1.24	25.50	0.03	2.90	9.20	16.50	1.06

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

WASDE - 582 - 20

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

2016/17	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	248.08	1,369.73	172.79	800.46	1,355.72	198.59	262.09
United States	48.11	402.61	3.43	144.74	327.53	64.46	62.17
Total Foreign	199.97	967.11	169.36	655.72	1,028.19	134.13	199.92
Major Exporters 4/	18.07	212.15	2.45	90.23	121.45	77.85	33.37
Argentina	3.27	48.57	0.01	10.77	16.04	29.11	6.70
Australia	1.50	17.27	0.00	4.22	6.09	9.99	2.68
Brazil	7.01	101.58	1.55	53.45	64.03	31.61	14.49
Canada	4.97	26.62	0.79	14.26	21.98	4.85	5.56
Major Importers 5/	45.03	241.16	120.78	275.29	357.91	11.05	38.02
European Union 6/	15.52	152.95	15.61	119.87	160.84	8.09	15.16
Japan	1.76	0.18	17.00	13.26	17.25	0.00	1.68
Mexico	5.89	33.26	15.24	27.95	46.85	1.54	6.01
N. Afr & Mideast 7/	10.49	24.90	34.15	54.69	62.49	0.16	6.89
Saudi Arabia	4.40	0.25	11.53	13.22	13.62	0.00	2.56
Southeast Asia 8/	4.37	29.35	13.68	34.96	42.94	1.27	3.19
South Korea	1.95	0.20	9.32	7.25	9.62	0.00	1.85
Selected Other							
China	112.09	226.87	16.06	173.90	252.95	0.11	101.95
FSU-12	6.32	92.74	0.76	41.04	56.36	36.53	6.92
Russia	1.67	40.77	0.28	22.48	32.08	8.57	2.07
Ukraine	3.17	39.22	0.04	9.06	12.53	26.90	3.00
2017/18 Est.							
World 3/	262.09	1,315.40	186.82	813.10	1,350.25	186.03	227.24
United States	62.17	384.26	2.94	138.58	324.14	67.30	57.92
Total Foreign	199.92	931.15	183.89	674.52	1,026.10	118.73	169.32
Major Exporters 4/	33.37	176.26	3.47	93.60	125.77	63.97	23.36
Argentina	6.70	39.32	0.01	10.88	16.41	26.11	3.51
Australia	2.68	11.91	0.00	3.29	5.16	7.77	1.66
Brazil	14.49	84.79	1.60	57.51	68.01	22.01	10.86
Canada	5.56	26.24	1.74	15.46	23.26	5.78	4.51
Major Importers 5/	38.02	245.64	132.41	283.18	367.04	10.32	38.71
European Union 6/	15.16	152.97	18.93	121.15	162.67	7.87	16.53
Japan	1.68	0.19	17.07	13.31	17.31	0.00	1.64
Mexico	6.01	33.07	16.45	29.20	48.21	1.30	6.02
N. Afr & Mideast 7/	6.89	29.41	38.92	59.27	67.18	0.16	7.87
Saudi Arabia	2.56	0.36	12.10	12.64	13.20	0.00	1.82
Southeast Asia 8/	3.19	29.37	14.54	35.66	43.78	1.00	2.32
South Korea	1.85	0.20	10.20	7.81	10.33	0.00	1.92
Selected Other							
China	101.95	223.39	17.10	179.22	262.08	0.09	80.27
FSU-12	6.92	88.80	0.77	39.12	54.18	36.47	5.83
Russia	2.07	41.71	0.14	21.57	31.02	11.47	1.44
Ukraine	3.00	34.07	0.05	8.02	11.40	23.00	2.72

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

WASDE - 582 - 21

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Sep	223.56	1,347.19	191.52	833.05	1,386.00	199.90	184.75
	Oct	227.24	1,343.37	190.87	831.96	1,384.68	199.52	185.93
United States	Sep	54.79	390.79	3.44	145.40	334.55	65.55	48.92
	Oct	57.92	389.44	3.44	145.39	334.54	66.82	49.43
Total Foreign	Sep	168.77	956.40	188.09	687.65	1,051.45	134.35	135.83
	Oct	169.32	953.93	187.44	686.57	1,050.14	132.70	136.50
Major Exporters 4/	Sep	23.64	198.47	2.27	94.48	127.38	74.32	22.68
	Oct	23.36	198.46	2.27	94.37	127.28	74.47	22.34
Argentina	Sep	3.51	48.85	0.01	11.40	16.95	30.31	5.11
	Oct	3.51	48.85	0.01	11.39	16.95	30.31	5.11
Australia	Sep	1.66	11.51	0.00	2.54	4.39	7.67	1.12
	Oct	1.66	11.30	0.00	2.44	4.29	7.67	1.01
Brazil	Sep	10.86	97.49	1.55	58.59	70.04	29.02	10.84
	Oct	10.86	97.49	1.55	58.59	70.04	29.02	10.84
Canada	Sep	4.52	27.03	0.61	15.28	22.74	5.42	4.00
	Oct	4.51	27.23	0.61	15.28	22.74	5.57	4.04
Major Importers 5/	Sep	37.72	240.91	136.83	291.35	374.90	9.92	30.65
	Oct	38.71	241.01	136.13	290.90	374.35	9.71	31.78
European Union 6/	Sep	16.57	148.63	20.96	124.55	165.62	7.46	13.08
	Oct	16.53	148.43	20.86	124.35	165.32	7.25	13.24
Japan	Sep	1.64	0.19	16.77	13.22	17.21	0.00	1.38
	Oct	1.64	0.18	16.77	13.22	17.21	0.00	1.38
Mexico	Sep	5.36	31.69	18.31	31.62	50.84	1.50	3.02
	Oct	6.02	31.69	18.31	31.62	50.84	1.50	3.68
N. Afr & Mideast 7/	Sep	7.70	30.40	38.04	60.51	68.48	0.20	7.45
	Oct	7.87	30.80	37.44	60.36	68.33	0.20	7.58
Saudi Arabia	Sep	1.82	0.34	12.61	12.95	13.48	0.00	1.30
	Oct	1.82	0.34	12.61	12.95	13.48	0.00	1.30
Southeast Asia 8/	Sep	2.12	29.39	15.66	36.26	44.31	0.77	2.09
	Oct	2.32	29.29	15.66	36.16	44.21	0.77	2.29
South Korea	Sep	1.92	0.20	10.39	8.11	10.62	0.00	1.89
	Oct	1.92	0.20	10.39	8.11	10.62	0.00	1.89
Selected Other								
China	Sep	80.18	232.81	16.90	184.35	270.43	0.07	59.39
	Oct	80.27	232.81	16.90	184.45	270.53	0.07	59.38
FSU-12	Sep	5.92	90.56	0.68	36.40	50.77	41.43	4.95
	Oct	5.83	88.56	0.68	36.20	50.57	39.63	4.87
Russia	Sep	1.54	36.48	0.18	18.88	27.83	9.34	1.03
	Oct	1.44	34.48	0.18	18.68	27.63	7.54	0.93
Ukraine	Sep	2.72	39.70	0.04	7.50	10.69	29.46	2.30
	Oct	2.72	39.70	0.04	7.50	10.69	29.46	2.30

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

WASDE - 582 - 22

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

2016/17	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	209.99	1,078.31	135.56	633.13	1,060.51	160.05	227.79
United States	44.12	384.78	1.45	138.94	313.83	58.27	58.25
Total Foreign	165.86	693.53	134.11	494.19	746.68	101.78	169.54
Major Exporters 4/	9.31	157.05	0.87	65.96	84.36	59.88	22.99
Argentina	1.45	41.00	0.01	7.50	11.20	25.99	5.27
Brazil	6.77	98.50	0.85	51.00	60.50	31.60	14.02
South Africa	1.10	17.55	0.00	7.46	12.66	2.29	3.70
Major Importers 5/	22.45	124.91	80.41	147.96	201.01	5.00	21.75
Egypt	2.22	6.00	8.77	12.70	15.10	0.01	1.89
European Union 6/	6.71	61.89	15.02	55.00	74.00	2.19	7.43
Japan	1.35	0.00	15.17	11.60	15.20	0.00	1.32
Mexico	5.21	27.58	14.57	22.50	40.40	1.54	5.42
Southeast Asia 7/	4.36	29.30	13.48	34.90	42.70	1.26	3.18
South Korea	1.94	0.08	9.23	7.21	9.41	0.00	1.83
Selected Other							0.00
Canada	2.45	13.89	0.71	7.50	12.96	1.52	2.57
China	110.77	219.55	2.46	162.00	232.00	0.08	100.71
FSU-12	2.60	47.79	0.35	17.67	20.51	27.16	3.07
Ukraine	1.39	27.97	0.03	5.10	6.50	21.33	1.55
2017/18 Est.							
World 3/	227.79	1,034.23	148.64	649.36	1,063.81	147.13	198.21
United States	58.25	370.96	0.92	134.67	313.83	61.94	54.37
Total Foreign	169.54	663.27	147.71	514.70	749.98	85.19	143.84
Major Exporters 4/	22.99	127.53	1.01	69.40	88.70	47.30	15.52
Argentina	5.27	32.00	0.01	8.00	11.90	23.00	2.38
Brazil	14.02	82.00	1.00	55.00	64.50	22.00	10.52
South Africa	3.70	13.53	0.00	6.40	12.30	2.30	2.62
Major Importers 5/	21.75	125.59	87.10	153.70	207.55	4.00	22.89
Egypt	1.89	6.40	9.40	13.40	15.90	0.01	1.78
European Union 6/	7.43	62.28	18.00	57.00	76.50	1.70	9.51
Japan	1.32	0.00	15.20	11.60	15.20	0.00	1.32
Mexico	5.42	27.45	16.20	24.30	42.30	1.30	5.47
Southeast Asia 7/	3.18	29.32	14.20	35.60	43.40	0.99	2.31
South Korea	1.83	0.08	10.00	7.70	10.00	0.00	1.91
Selected Other							0.00
Canada	2.57	14.10	1.67	8.40	14.04	1.94	2.37
China	100.71	215.89	4.00	167.00	241.00	0.05	79.55
FSU-12	3.07	42.07	0.46	15.94	18.64	24.46	2.50
Ukraine	1.55	24.12	0.05	4.50	5.80	18.50	1.41

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

WASDE - 582 - 23

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Sep	194.15	1,069.00	153.98	676.92	1,106.12	161.71	157.03
	Oct	198.21	1,068.31	154.83	676.92	1,107.17	162.97	159.35
United States	Sep	50.86	376.62	1.27	141.61	322.72	60.96	45.06
	Oct	54.37	375.37	1.27	140.98	322.09	62.87	46.06
Total Foreign	Sep	143.29	692.38	152.71	535.31	783.40	100.75	111.97
	Oct	143.84	692.93	153.56	535.94	785.08	100.10	113.29
Major Exporters 4/	Sep	15.79	148.50	1.01	71.10	91.50	57.90	15.90
	Oct	15.52	148.50	1.01	71.10	91.50	57.90	15.62
Argentina	Sep	2.38	41.00	0.01	8.50	12.40	27.00	3.98
	Oct	2.38	41.00	0.01	8.50	12.40	27.00	3.98
Brazil	Sep	10.52	94.50	1.00	56.00	66.50	29.00	10.52
	Oct	10.52	94.50	1.00	56.00	66.50	29.00	10.52
South Africa	Sep	2.90	13.00	0.00	6.60	12.60	1.90	1.40
	Oct	2.62	13.00	0.00	6.60	12.60	1.90	1.12
Major Importers 5/	Sep	22.04	122.69	90.10	162.00	215.65	3.77	15.42
	Oct	22.89	123.19	90.60	162.50	216.15	3.77	16.76
Egypt	Sep	1.78	6.40	9.70	13.60	16.10	0.01	1.77
	Oct	1.78	6.80	9.70	13.70	16.20	0.01	2.07
European Union 6/	Sep	9.51	60.80	19.50	63.50	82.50	1.50	5.81
	Oct	9.51	61.00	19.50	63.50	82.50	1.50	6.01
Japan	Sep	1.32	0.00	15.00	11.60	15.20	0.00	1.12
	Oct	1.32	0.00	15.00	11.60	15.20	0.00	1.12
Mexico	Sep	4.82	26.00	16.20	25.00	43.20	1.50	2.32
	Oct	5.47	26.00	16.70	25.50	43.70	1.50	2.97
Southeast Asia 7/	Sep	2.11	29.34	15.50	36.20	44.10	0.76	2.08
	Oct	2.31	29.24	15.50	36.10	44.00	0.76	2.28
South Korea	Sep	1.91	0.08	10.20	8.00	10.30	0.00	1.88
	Oct	1.91	0.08	10.20	8.00	10.30	0.00	1.88
Selected Other								
Canada	Sep	2.37	14.30	0.50	8.30	13.70	1.45	2.02
	Oct	2.37	14.50	0.50	8.30	13.70	1.60	2.07
China	Sep	79.55	225.00	5.00	174.00	251.00	0.05	58.50
	Oct	79.55	225.00	5.00	174.00	251.00	0.05	58.50
FSU-12	Sep	2.58	47.76	0.35	16.20	18.90	29.45	2.34
	Oct	2.50	46.76	0.35	16.20	18.90	28.45	2.26
Ukraine	Sep	1.41	31.00	0.03	4.90	6.20	25.00	1.23
	Oct	1.41	31.00	0.03	4.90	6.20	25.00	1.23

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

WASDE - 582 - 24

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

2016/17	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	132.87	487.37	41.29	483.33	47.25	136.91
United States	1.48	7.12	0.75	4.23	3.65	1.46
Total Foreign	131.40	480.25	40.54	479.10	43.61	135.45
Major Exporters 4/	29.48	163.15	0.76	132.88	33.39	27.12
India	18.40	109.70	0.00	95.78	11.77	20.55
Pakistan	1.12	6.85	0.01	3.10	3.52	1.37
Thailand	8.40	19.20	0.25	12.00	11.62	4.24
Vietnam	1.56	27.40	0.50	22.00	6.49	0.97
Major Importers 5/	10.04	65.90	11.90	77.41	1.22	9.22
Brazil	0.31	8.38	0.61	8.00	0.83	0.48
European Union 6/	1.18	2.08	1.84	3.60	0.32	1.18
Indonesia	3.51	36.86	0.35	37.80	0.00	2.92
Nigeria	1.53	3.78	2.50	6.55	0.00	1.26
Philippines	2.12	11.69	1.10	12.90	0.00	2.00
Sel. Mideast 7/	0.86	1.78	3.87	5.63	0.00	0.88
Selected Other						0.00
Burma	1.24	12.65	0.01	10.00	3.35	0.55
C. Amer & Carib 8/	0.54	1.72	1.77	3.39	0.04	0.60
China	78.50	144.95	5.30	141.45	0.81	86.50
Egypt	0.92	4.80	0.10	4.30	0.10	1.43
Japan	2.55	7.93	0.71	8.73	0.05	2.41
Mexico	0.13	0.18	0.87	0.92	0.09	0.17
South Korea	1.83	4.20	0.41	4.65	0.00	1.78

2017/18 Est.

World 3/	136.91	491.52	47.95	482.50	48.23	145.92
United States	1.46	5.66	0.85	4.28	2.76	0.93
Total Foreign	135.45	485.86	47.10	478.23	45.47	144.99
Major Exporters 4/	27.12	169.25	0.65	134.83	34.60	27.59
India	20.55	112.91	0.00	98.66	12.80	22.00
Pakistan	1.37	7.50	0.00	3.20	4.30	1.37
Thailand	4.24	20.37	0.25	11.17	10.50	3.19
Vietnam	0.97	28.47	0.40	21.80	7.00	1.04
Major Importers 5/	9.22	66.56	14.02	78.47	1.34	9.99
Brazil	0.48	8.21	0.68	8.03	0.90	0.43
European Union 6/	1.18	2.04	2.00	3.70	0.36	1.16
Indonesia	2.92	37.00	2.00	38.00	0.00	3.91
Nigeria	1.26	3.78	2.60	6.70	0.00	0.94
Philippines	2.00	12.24	1.30	13.25	0.00	2.29
Sel. Mideast 7/	0.88	1.93	3.70	5.75	0.00	0.76
Selected Other						0.00
Burma	0.55	13.20	0.01	10.10	3.00	0.66
C. Amer & Carib 8/	0.60	1.72	1.74	3.38	0.04	0.64
China	86.50	145.99	5.50	142.10	1.39	94.50
Egypt	1.43	4.30	0.08	4.20	0.05	1.55
Japan	2.41	7.79	0.69	8.66	0.06	2.17
Mexico	0.17	0.18	0.85	0.92	0.10	0.19
South Korea	1.78	3.97	0.41	4.88	0.06	1.23

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

WASDE - 582 - 25

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Sep	145.63	487.16	46.74	488.39	49.51	144.40
	Oct	145.92	487.76	46.74	488.47	49.51	145.21
United States	Sep	0.93	6.97	0.86	4.22	3.11	1.42
	Oct	0.93	6.95	0.86	4.22	3.11	1.40
Total Foreign	Sep	144.70	480.19	45.88	484.17	46.39	142.98
	Oct	144.99	480.81	45.88	484.25	46.40	143.81
Major Exporters 4/	Sep	27.77	167.67	0.65	134.90	35.30	25.88
	Oct	27.59	168.67	0.65	135.60	35.25	26.06
India	Sep	22.00	110.00	0.00	99.00	13.00	20.00
	Oct	22.00	111.00	0.00	100.00	13.00	20.00
Pakistan	Sep	1.37	7.40	0.00	3.30	4.30	1.17
	Oct	1.37	7.40	0.00	3.30	4.25	1.22
Thailand	Sep	3.19	21.20	0.25	10.20	11.00	3.44
	Oct	3.19	21.20	0.25	10.20	11.00	3.44
Vietnam	Sep	1.21	29.07	0.40	22.40	7.00	1.28
	Oct	1.04	29.07	0.40	22.10	7.00	1.41
Major Importers 5/	Sep	10.16	66.60	13.80	79.10	1.13	10.32
	Oct	9.99	66.59	14.45	79.30	1.29	10.44
Brazil	Sep	0.48	8.02	0.65	8.05	0.75	0.36
	Oct	0.43	8.16	0.65	8.03	0.85	0.37
European Union 6/	Sep	1.11	2.00	2.00	3.68	0.35	1.08
	Oct	1.16	2.00	2.00	3.75	0.35	1.06
Indonesia	Sep	3.91	37.30	1.20	38.20	0.00	4.21
	Oct	3.91	37.30	1.20	38.20	0.00	4.21
Nigeria	Sep	0.94	3.78	3.00	6.90	0.00	0.82
	Oct	0.94	3.78	3.00	6.90	0.00	0.82
Philippines	Sep	2.39	12.30	1.20	13.35	0.00	2.54
	Oct	2.29	12.15	1.80	13.50	0.00	2.74
Sel. Mideast 7/	Sep	0.76	1.74	3.95	5.78	0.00	0.67
	Oct	0.76	1.74	4.00	5.78	0.00	0.72
Selected Other							
Burma	Sep	0.66	13.40	0.01	10.10	3.20	0.77
	Oct	0.66	13.12	0.01	10.10	3.00	0.69
C. Amer & Carib 8/	Sep	0.60	1.72	1.92	3.56	0.03	0.66
	Oct	0.64	1.75	1.92	3.59	0.03	0.69
China	Sep	93.99	140.80	5.50	143.50	1.70	95.09
	Oct	94.50	140.80	5.00	142.50	1.80	96.00
Egypt	Sep	1.33	3.30	0.40	4.40	0.02	0.61
	Oct	1.55	2.80	0.40	4.10	0.02	0.63
Japan	Sep	2.26	7.79	0.69	8.59	0.05	2.10
	Oct	2.17	7.70	0.69	8.60	0.07	1.88
Mexico	Sep	0.19	0.18	0.88	0.94	0.09	0.22
	Oct	0.19	0.18	0.88	0.94	0.09	0.22
South Korea	Sep	1.23	3.73	0.41	4.48	0.05	0.84
	Oct	1.23	3.73	0.41	4.48	0.05	0.84

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

WASDE - 582 - 26

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

2016/17	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	90.55	106.63	37.70	116.16	37.65	0.21	80.85
United States	3.80	17.17	0.01	3.25	14.92	0.06	2.75
Total Foreign	86.75	89.46	37.69	112.91	22.74	0.15	78.10
Major Exporters 4/	19.78	50.69	3.63	32.26	19.52	0.01	22.31
Central Asia 5/	2.35	5.99	3/	2.82	3.34	0.00	2.17
Afr. Fr. Zone 6/	1.38	5.09	3/	0.14	4.33	0.01	2.00
S. Hemis 7/	8.76	12.25	0.37	4.29	7.04	-0.02	10.06
Australia	1.88	4.05	3/	0.04	3.73	-0.03	2.19
Brazil	5.71	7.02	0.19	3.20	2.79	0.00	6.93
India	7.04	27.00	2.74	24.35	4.55	0.00	7.88
Major Importers 8/	65.26	35.86	31.91	76.71	2.04	0.14	54.15
Mexico	0.61	0.77	1.00	1.75	0.15	0.03	0.45
China	56.70	22.75	5.03	38.50	0.06	0.00	45.92
European Union 9/	0.26	1.31	0.69	0.71	1.33	0.05	0.17
Turkey	1.53	3.20	3.68	6.55	0.33	0.00	1.53
Pakistan	2.62	7.70	2.45	10.30	0.13	0.03	2.32
Indonesia	0.53	0.01	3.39	3.30	0.01	0.00	0.62
Thailand	0.20	3/	1.23	1.20	0.00	0.03	0.20
Bangladesh	1.52	0.13	6.80	6.80	0.00	0.01	1.63
Vietnam	0.78	3/	5.50	5.40	0.00	0.00	0.88
2017/18 Est.							
World	80.85	123.53	41.00	123.27	40.74	0.47	80.89
United States	2.75	20.92	3/	3.23	15.85	0.30	4.30
Total Foreign	78.10	102.61	41.00	120.05	24.90	0.17	76.59
Major Exporters 4/	22.31	56.71	2.50	33.41	21.48	0.02	26.61
Central Asia 5/	2.17	6.61	3/	3.49	2.57	0.00	2.72
Afr. Fr. Zone 6/	2.00	5.22	3/	0.14	4.84	0.00	2.25
S. Hemis 7/	10.06	15.42	0.25	4.45	8.55	0.01	12.71
Australia	2.19	4.70	3/	0.04	3.92	0.00	2.94
Brazil	6.93	9.22	0.08	3.40	4.17	0.00	8.66
India	7.88	29.00	1.70	24.70	5.20	0.00	8.68
Major Importers 8/	54.15	42.95	35.86	82.58	2.35	0.15	47.89
Mexico	0.45	1.56	0.93	1.90	0.35	0.03	0.66
China	45.92	27.50	5.73	41.00	0.13	0.00	38.02
European Union 9/	0.17	1.54	0.73	0.76	1.37	0.06	0.26
Turkey	1.53	4.00	4.02	7.35	0.33	0.00	1.88
Pakistan	2.32	8.20	3.30	10.80	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	1.15	0.00	0.03	0.18
Bangladesh	1.63	0.14	7.60	7.50	0.00	0.01	1.86
Vietnam	0.88	3/	6.90	6.60	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, Paraguay, South Africa, Tanzania, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Hong Kong, Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

WASDE - 582 - 27

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Sep	83.79	121.97	41.79	127.94	41.80	0.35	77.46
	Oct	80.89	121.66	41.44	127.76	41.45	0.33	74.45
United States	Sep	4.30	19.68	0.01	3.40	15.70	0.19	4.70
	Oct	4.30	19.76	0.01	3.40	15.50	0.17	5.00
Total Foreign	Sep	79.49	102.29	41.79	124.54	26.10	0.16	72.76
	Oct	76.59	101.89	41.43	124.36	25.95	0.16	69.45
Major Exporters 4/	Sep	29.49	55.33	2.22	34.72	22.14	0.02	30.16
	Oct	26.61	54.86	2.22	34.70	21.77	0.02	27.21
Central Asia 5/	Sep	2.71	5.85	3/	3.71	2.38	0.00	2.48
	Oct	2.72	5.85	3/	3.71	2.39	0.00	2.48
Afr. Fr. Zone 6/	Sep	2.25	5.28	3/	0.14	4.97	0.00	2.42
	Oct	2.25	5.28	3/	0.14	4.97	0.00	2.42
S. Hemis 7/	Sep	12.70	14.96	0.22	4.69	10.04	0.01	13.14
	Oct	12.71	14.46	0.22	4.67	9.66	0.01	13.05
Australia	Sep	2.94	3.00	3/	0.04	3.90	0.00	2.01
	Oct	2.94	2.50	3/	0.04	3.60	0.00	1.81
Brazil	Sep	8.66	10.00	0.08	3.60	5.50	0.00	9.63
	Oct	8.66	10.00	0.08	3.60	5.40	0.00	9.73
India	Sep	11.58	28.70	1.50	25.50	4.40	0.00	11.88
	Oct	8.68	28.70	1.50	25.50	4.40	0.00	8.98
Major Importers 8/	Sep	47.95	43.95	37.09	85.74	2.71	0.14	40.41
	Oct	47.89	44.02	36.72	85.56	2.86	0.14	40.07
Mexico	Sep	0.65	1.75	0.90	1.90	0.55	0.03	0.83
	Oct	0.66	1.73	0.90	1.90	0.60	0.03	0.76
China	Sep	38.02	27.50	7.00	42.50	0.15	0.00	29.87
	Oct	38.02	27.50	7.00	42.50	0.15	0.00	29.87
European Union 9/	Sep	0.25	1.56	0.70	0.75	1.45	0.05	0.26
	Oct	0.26	1.66	0.71	0.75	1.53	0.05	0.29
Turkey	Sep	1.98	4.50	3.50	7.50	0.38	0.00	2.10
	Oct	1.88	4.50	3.10	7.30	0.40	0.00	1.78
Pakistan	Sep	2.83	8.50	2.50	11.00	0.18	0.03	2.63
	Oct	2.83	8.50	2.50	11.00	0.18	0.03	2.63
Indonesia	Sep	0.62	3/	3.75	3.65	0.01	0.00	0.71
	Oct	0.62	3/	3.75	3.65	0.01	0.00	0.71
Thailand	Sep	0.18	3/	1.13	1.10	0.00	0.03	0.18
	Oct	0.18	3/	1.13	1.10	0.00	0.03	0.18
Bangladesh	Sep	1.86	0.14	8.10	8.00	0.00	0.01	2.08
	Oct	1.86	0.14	8.10	8.00	0.00	0.01	2.08
Vietnam	Sep	1.19	3/	7.70	7.50	0.00	0.00	1.39
	Oct	1.19	3/	7.70	7.50	0.00	0.00	1.39

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, Paraguay, South Africa, Tanzania, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Hong Kong, Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

WASDE - 582 - 28

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

2016/17		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		80.42	348.12	144.35	287.21	328.87	147.36	96.68
United States		5.35	116.92	0.61	51.74	55.71	58.96	8.21
Total Foreign		75.07	231.20	143.75	235.47	273.15	88.40	88.47
Major Exporters 3/		52.29	183.15	1.98	87.55	95.55	79.52	62.36
Argentina		33.65	55.00	1.67	43.31	47.83	7.03	35.46
Brazil		18.56	114.60	0.25	40.41	43.81	63.14	26.46
Paraguay		0.03	10.34	0.01	3.75	3.81	6.13	0.44
Major Importers 4/		19.75	16.79	122.61	113.10	135.87	0.39	22.90
China		16.91	12.90	93.50	88.00	102.80	0.11	20.39
European Union		1.56	2.41	13.42	14.40	16.04	0.22	1.13
Japan		0.26	0.24	3.18	2.39	3.46	0.00	0.22
Mexico		0.15	0.52	4.13	4.60	4.64	0.00	0.16
2017/18 Est.								
World 2/		96.68	337.45	152.45	294.14	336.80	153.12	96.65
United States		8.21	120.04	0.59	55.93	58.97	57.95	11.92
Total Foreign		88.47	217.41	151.86	238.21	277.83	95.18	84.73
Major Exporters 3/		62.36	168.74	4.20	84.88	93.11	85.79	56.41
Argentina		35.46	37.80	4.00	37.50	42.19	2.10	32.97
Brazil		26.46	119.80	0.19	43.60	47.05	76.19	23.20
Paraguay		0.44	9.81	0.01	3.70	3.77	6.25	0.23
Major Importers 4/		22.90	18.24	124.90	115.91	140.13	0.46	25.44
China		20.39	14.20	94.00	90.00	106.00	0.14	22.46
European Union		1.13	2.67	15.00	15.00	16.65	0.28	1.87
Japan		0.22	0.25	3.25	2.35	3.51	0.00	0.21
Mexico		0.16	0.43	4.60	5.00	5.04	0.00	0.16
2018/19 Proj.								
World 2/	Sep	94.74	369.32	154.12	308.20	353.01	156.90	108.26
	Oct	96.65	369.48	154.32	308.20	353.01	157.40	110.04
United States	Sep	10.74	127.73	0.68	56.34	60.08	56.06	23.00
	Oct	11.92	127.63	0.68	56.34	60.08	56.06	24.09
Total Foreign	Sep	84.00	241.59	153.44	251.87	292.93	100.84	85.27
	Oct	84.73	241.85	153.64	251.87	292.92	101.34	85.96
Major Exporters 3/	Sep	56.09	189.80	2.58	89.73	98.24	91.32	58.91
	Oct	56.41	189.80	2.58	89.73	98.23	91.32	59.23
Argentina	Sep	32.67	57.00	2.22	43.00	47.92	8.00	35.97
	Oct	32.97	57.00	2.22	43.00	47.92	8.00	36.27
Brazil	Sep	23.00	120.50	0.35	42.70	46.20	75.00	22.65
	Oct	23.20	120.50	0.35	42.70	46.20	75.00	22.85
Paraguay	Sep	0.41	9.80	0.01	3.95	4.03	5.90	0.29
	Oct	0.23	9.80	0.01	3.95	4.03	5.90	0.11
Major Importers 4/	Sep	25.04	19.06	127.22	121.96	147.49	0.45	23.38
	Oct	25.44	18.97	127.37	121.96	147.49	0.45	23.84
China	Sep	22.46	15.00	94.00	93.50	110.60	0.10	20.76
	Oct	22.46	15.00	94.00	93.50	110.60	0.10	20.76
European Union	Sep	1.47	2.70	15.80	16.60	18.25	0.30	1.42
	Oct	1.87	2.70	15.80	16.60	18.25	0.30	1.82
Japan	Sep	0.21	0.26	3.30	2.35	3.52	0.00	0.26
	Oct	0.21	0.26	3.30	2.35	3.52	0.00	0.26
Mexico	Sep	0.16	0.43	4.75	5.20	5.24	0.00	0.10
	Oct	0.16	0.34	4.90	5.20	5.24	0.00	0.16

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

WASDE - 582 - 29

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

2016/17		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		13.20	225.38	60.49	221.73	64.48	12.86
United States		0.24	40.63	0.32	30.32	10.51	0.36
Total Foreign		12.96	184.75	60.17	191.41	53.97	12.50
Major Exporters 3/		7.07	71.76	0.05	24.55	47.09	7.24
Argentina		4.23	33.28	0.00	2.85	31.32	3.34
Brazil		2.71	31.28	0.04	16.94	13.76	3.32
India		0.13	7.20	0.01	4.75	2.01	0.58
Major Importers 4/		2.11	16.08	36.56	52.44	0.53	1.77
European Union		0.83	11.38	18.87	30.29	0.33	0.45
Southeast Asia 5/		1.18	2.90	16.07	18.73	0.20	1.22
2017/18 Est.							
World 2/		12.86	231.34	60.23	228.57	63.87	11.99
United States		0.36	44.63	0.45	31.57	13.52	0.36
Total Foreign		12.50	186.71	59.77	197.00	50.35	11.63
Major Exporters 3/		7.24	68.13	0.05	25.47	42.82	7.12
Argentina		3.34	28.25	0.00	3.00	25.25	3.34
Brazil		3.32	33.80	0.03	17.50	16.07	3.58
India		0.58	6.08	0.02	4.97	1.50	0.21
Major Importers 4/		1.77	16.40	36.68	52.88	0.64	1.33
European Union		0.45	11.85	18.40	30.04	0.40	0.26
Southeast Asia 5/		1.22	2.78	16.63	19.37	0.24	1.01
2018/19 Proj.							
World 2/	Sep	10.62	242.38	62.15	238.73	65.69	10.74
	Oct	11.99	242.38	62.15	238.82	65.69	12.01
United States	Sep	0.36	44.41	0.32	32.48	12.25	0.36
	Oct	0.36	44.41	0.32	32.48	12.25	0.36
Total Foreign	Sep	10.26	197.97	61.83	206.26	53.44	10.37
	Oct	11.63	197.97	61.83	206.35	53.44	11.65
Major Exporters 3/	Sep	5.66	73.35	0.05	26.97	46.20	5.89
	Oct	7.12	73.35	0.05	27.06	46.20	7.26
Argentina	Sep	2.77	33.05	0.00	3.22	29.80	2.80
	Oct	3.34	33.05	0.00	3.19	29.80	3.40
Brazil	Sep	2.80	33.10	0.03	18.13	15.00	2.80
	Oct	3.58	33.10	0.03	18.13	15.00	3.58
India	Sep	0.10	7.20	0.02	5.62	1.40	0.29
	Oct	0.21	7.20	0.02	5.74	1.40	0.28
Major Importers 4/	Sep	1.37	18.23	36.95	54.73	0.50	1.33
	Oct	1.33	18.23	36.95	54.73	0.50	1.28
European Union	Sep	0.30	13.11	18.50	31.34	0.30	0.27
	Oct	0.26	13.11	18.50	31.34	0.30	0.23
Southeast Asia 5/	Sep	1.01	3.35	16.80	19.97	0.20	0.99
	Oct	1.01	3.35	16.80	19.97	0.20	0.99

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

WASDE - 582 - 30

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

2016/17		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		3.66	53.68	10.84	53.34	11.24	3.60
United States		0.77	10.04	0.15	9.01	1.16	0.78
Total Foreign		2.89	43.65	10.70	44.33	10.09	2.82
Major Exporters 3/		0.71	18.89	0.35	11.76	7.46	0.72
Argentina		0.26	8.40	0.00	2.99	5.39	0.28
Brazil		0.29	7.76	0.06	6.57	1.24	0.29
European Union		0.16	2.74	0.29	2.21	0.83	0.15
Major Importers 4/		1.16	17.89	5.81	23.58	0.21	1.08
China		0.52	15.77	0.71	16.35	0.12	0.54
India		0.48	1.62	3.53	5.20	0.00	0.43
North Africa 5/		0.16	0.50	1.56	2.03	0.09	0.11
2017/18 Est.							
World 2/		3.60	54.95	9.70	54.53	10.35	3.36
United States		0.78	10.79	0.16	9.62	1.11	1.00
Total Foreign		2.82	44.16	9.54	44.91	9.24	2.36
Major Exporters 3/		0.72	18.53	0.34	12.37	6.55	0.68
Argentina		0.28	7.31	0.00	3.21	4.13	0.26
Brazil		0.29	8.37	0.06	6.94	1.52	0.27
European Union		0.15	2.85	0.28	2.23	0.90	0.15
Major Importers 4/		1.08	18.21	5.04	23.35	0.21	0.76
China		0.54	16.13	0.45	16.55	0.14	0.43
India		0.43	1.37	3.00	4.60	0.00	0.20
North Africa 5/		0.11	0.71	1.59	2.20	0.08	0.13
2018/19 Proj.							
World 2/	Sep	3.39	57.51	10.59	56.75	11.14	3.61
	Oct	3.36	57.54	10.59	56.71	11.14	3.64
United States	Sep	0.98	10.85	0.14	9.98	1.00	0.98
	Oct	1.00	10.85	0.14	10.02	1.00	0.96
Total Foreign	Sep	2.42	46.67	10.45	46.77	10.14	2.63
	Oct	2.36	46.70	10.45	46.69	10.14	2.68
Major Exporters 3/	Sep	0.66	19.71	0.26	12.64	7.38	0.62
	Oct	0.68	19.74	0.26	12.56	7.38	0.74
Argentina	Sep	0.37	8.36	0.00	3.42	5.10	0.21
	Oct	0.26	8.39	0.00	3.27	5.10	0.28
Brazil	Sep	0.12	8.20	0.06	6.97	1.28	0.13
	Oct	0.27	8.20	0.06	7.04	1.28	0.21
European Union	Sep	0.18	3.15	0.20	2.26	1.00	0.27
	Oct	0.15	3.15	0.20	2.26	1.00	0.25
Major Importers 4/	Sep	0.81	19.12	5.76	24.42	0.22	1.05
	Oct	0.76	19.12	5.76	24.42	0.22	1.00
China	Sep	0.43	16.76	0.70	17.30	0.13	0.46
	Oct	0.43	16.76	0.70	17.30	0.13	0.46
India	Sep	0.25	1.62	3.40	4.80	0.01	0.46
	Oct	0.20	1.62	3.40	4.80	0.01	0.41
North Africa 5/	Sep	0.13	0.75	1.66	2.32	0.09	0.13
	Oct	0.13	0.75	1.66	2.32	0.09	0.13

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

WASDE - 582 - 31

U.S. Quarterly Animal Product Production 1/

Year and Quarter		Beef	Pork	Red Meat 2/	Broiler	Turkey	Total Poultry 3/	Red Meat & Poultry	Egg	Milk	
		<i>Million Pounds</i>								<i>Mil doz</i>	<i>Bil lbs</i>
2017	IV	6,742	6,796	13,595	10,472	1,533	12,139	25,734	2,235	53.1	
	Annual	26,187	25,584	51,991	41,662	5,981	48,178	100,169	8,808	215.5	
2018	I	6,465	6,645	13,167	10,385	1,452	11,962	25,129	2,186	54.4	
	II	6,724	6,325	13,105	10,685	1,477	12,301	25,406	2,230	55.8	
	III	6,815	6,325	13,195	10,825	1,455	12,424	25,619	2,265	54.1	
	IV*	6,940	7,130	14,127	10,675	1,515	12,327	26,454	2,320	53.9	
	Annual										
	Sep Proj.	27,094	26,675	53,992	42,620	5,929	49,093	103,084	8,963	217.8	
	Oct Proj.	26,944	26,425	53,594	42,570	5,899	49,014	102,607	9,001	218.1	
2019	I*	6,685	6,895	13,636	10,575	1,475	12,177	25,813	2,240	55.1	
	II*	6,975	6,620	13,652	10,845	1,480	12,466	26,118	2,265	56.7	
	III*	7,175	6,780	14,009	11,050	1,490	12,682	26,691	2,290	54.9	
	Annual										
	Sep Proj.	27,720	27,875	55,812	43,420	5,985	49,951	105,763	9,130	221.0	
	Oct Proj.	27,910	27,810	55,944	43,370	5,985	49,901	105,845	9,140	221.4	

* 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>
2017	IV	117.88	44.89	86.1	88.0	147.0	17.83
	Annual	121.52	50.48	93.5	96.1	100.9	17.65
2018	I	125.60	49.12	95.7	79.4	179.6	15.67
	II	116.72	47.91	115.1	79.6	124.4	16.10
	III	110.83	43.90	93.7	80.4	120.8	16.00-16.10
	IV*	110-114	39-41	82-86	83-87	137-143	17.60-18.00
	Annual						
	Sep Proj.	115-117	43-44	96-98	80-82	140-142	16.30-16.50
	Oct Proj.	116.29	45.23	97.1	81.1	141.2	16.35-16.45
2019	I*	117-125	38-40	91-97	74-80	116-124	17.20-17.90
	II*	118-128	41-45	100-108	79-85	110-120	16.50-17.50
	III*	109-119	43-47	91-99	84-90	120-130	16.65-17.65
	Annual						
	Sep Proj.	113-122	39-42	92-100	81-88	119-129	16.75-17.75
	Oct Proj.	113-122	40-43	92-99	81-88	119-129	16.85-17.75

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

WASDE - 582 - 32

U.S. Meats Supply and Use

		Beginning Production		Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita 2/ 3/	
		stocks	1/							
<i>Million Pounds /4</i>										
Beef	2017	757	26,250	2,993	30,000	2,860	649	26,492	56.9	
	2018 Proj.	Sep	649	27,157	3,037	30,842	3,164	685	26,993	57.6
		Oct	649	27,007	3,027	30,682	3,164	685	26,833	57.2
	2019 Proj.	Sep	685	27,783	3,140	31,608	3,245	690	27,673	58.6
		Oct	685	27,973	3,100	31,758	3,245	690	27,823	58.8
Pork	2017	507	25,598	1,116	27,221	5,632	554	21,035	50.1	
	2018 Proj.	Sep	554	26,688	1,099	28,342	5,989	550	21,803	51.5
		Oct	554	26,438	1,064	28,057	5,989	550	21,518	50.8
	2019 Proj.	Sep	550	27,889	1,075	29,514	6,115	585	22,814	53.6
		Oct	550	27,824	1,060	29,434	6,200	585	22,649	53.1
Total Red Meat 5/	2017	1,304	52,078	4,361	57,744	8,497	1,246	48,000	108.2	
	2018 Proj.	Sep	1,246	54,079	4,404	59,729	9,160	1,297	49,273	110.4
		Oct	1,246	53,681	4,367	59,294	9,160	1,289	48,846	109.3
	2019 Proj.	Sep	1,297	55,900	4,494	61,691	9,368	1,337	50,986	113.6
		Oct	1,289	56,032	4,439	61,760	9,453	1,327	50,980	113.2
Broiler	2017	778	41,217	126	42,120	6,791	856	34,473	90.8	
	2018 Proj.	Sep	856	42,164	126	43,146	6,869	860	35,417	92.7
		Oct	856	42,115	135	43,105	6,869	885	35,351	92.4
	2019 Proj.	Sep	860	42,955	129	43,944	7,045	860	36,039	93.7
		Oct	885	42,906	137	43,928	7,045	870	36,013	93.4
Turkey	2017	279	5,981	25	6,284	622	310	5,352	16.4	
	2018 Proj.	Sep	310	5,929	25	6,263	630	300	5,333	16.2
		Oct	310	5,899	25	6,233	595	300	5,338	16.3
	2019 Proj.	Sep	300	5,985	28	6,313	640	310	5,363	16.2
		Oct	300	5,985	28	6,313	585	310	5,418	16.4
Total Poultry 6/	2017	1,065	47,732	154	48,950	7,544	1,170	40,236	108.5	
	2018 Proj.	Sep	1,170	48,636	154	49,960	7,592	1,165	41,204	110.3
		Oct	1,170	48,557	163	49,891	7,556	1,190	41,144	110.1
	2019 Proj.	Sep	1,165	49,486	161	50,812	7,801	1,177	41,834	111.3
		Oct	1,190	49,436	169	50,795	7,746	1,187	41,862	111.1
Red Meat & Poultry	2017	2,369	99,810	4,515	106,694	16,041	2,416	88,237	216.8	
	2018 Proj.	Sep	2,416	102,715	4,558	109,690	16,751	2,462	90,476	220.7
		Oct	2,416	102,239	4,530	109,185	16,716	2,479	89,990	219.4
	2019 Proj.	Sep	2,462	105,385	4,655	112,502	17,169	2,514	92,819	224.8
		Oct	2,479	105,468	4,608	112,555	17,199	2,514	92,842	224.3

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

WASDE - 582 - 33

U.S. Egg Supply and Use

	2016	2017	2018 Proj.	2018 Proj.	2019 Proj.	2019 Proj.
			Sep	Oct	Sep	Oct
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	73.6	142.2	87.5	87.5	75.0	75.0
Production	8,578.7	8,807.8	8,962.6	9,000.6	9,130.0	9,140.0
Imports	129.5	34.2	22.1	22.1	27.0	27.0
Total Supply	8,781.8	8,984.1	9,072.2	9,110.2	9,232.0	9,242.0
Use						
Exports	304.2	354.9	336.4	336.4	340.0	340.0
Hatching Use	1,009.6	1,034.9	1,065.4	1,060.4	1,085.0	1,085.0
Ending Stocks	142.2	87.5	75.0	75.0	80.0	80.0
Disappearance						
Total	7,325.8	7,506.9	7,595.4	7,638.4	7,727.0	7,737.0
Per Capita (number)	271.6	276.3	277.7	279.0	280.7	280.3

U.S. Milk Supply and Use

	2016	2017	2018 Proj.	2018 Proj.	2019 Proj.	2019 Proj.
			Sep	Oct	Sep	Oct
Milk	<i>Billion Pounds</i>					
Production	212.4	215.5	217.8	218.1	221.0	221.4
Farm Use	1.0	1.0	1.0	1.0	1.0	1.0
Fat Basis Supply						
Beg. Commercial Stocks	12.3	12.7	13.4	13.4	13.5	13.5
Marketings	211.4	214.5	216.8	217.1	220.0	220.4
Imports	6.9	6.0	6.2	6.3	6.0	6.3
Total Cml. Supply	230.7	233.2	236.5	236.8	239.5	240.1
Fat Basis Use						
Commercial Exports	8.4	9.2	10.3	10.5	9.8	9.8
Ending Commercial Stocks	12.7	13.4	13.5	13.5	12.5	12.5
CCC Donations	0.0	0.0	0.0	0.0	0.3	0.3
Domestic Commercial Use	209.6	210.5	212.6	212.9	216.9	217.5
Skim-solid Basis Supply						
Beg. Commercial Stocks	9.2	9.5	11.8	11.8	11.0	10.8
Marketings	211.4	214.5	216.8	217.1	220.0	220.4
Imports	6.5	6.1	5.7	5.6	5.6	5.5
Total Cml. Supply	227.1	230.1	234.3	234.5	236.5	236.7
Skim-solid Basis Use						
Commercial Exports	39.1	40.7	44.7	45.1	44.1	44.1
Ending Commercial Stocks	9.5	11.8	11.0	10.8	10.8	10.8
CCC Donations	0.0	0.0	0.0	0.0	0.2	0.2
Domestic Commercial Use	178.5	177.6	178.6	178.6	181.5	181.6

Note: Totals may not add due to rounding.

WASDE - 582 - 34

U.S. Dairy Prices

	2016	2017	2018 Proj. Sep	2018 Proj. Oct	2019 Proj. Sep	2019 Proj. Oct
Product Prices 1/	<i>Dollars Per Pound</i>					
Cheese	1.6050	1.6344	1.570- 1.590	1.570- 1.580	1.590- 1.690	1.575- 1.665
Butter	2.0777	2.3303	2.220- 2.260	2.245- 2.275	2.205- 2.335	2.215- 2.335
Nonfat Dry Milk	0.8292	0.8666	0.785- 0.805	0.785- 0.805	0.825- 0.895	0.825- 0.895
Dry Whey	0.2875	0.4437	0.320- 0.340	0.330- 0.340	0.350- 0.380	0.385- 0.415
	<i>Dollars Per Cwt</i>					
Milk Prices 2/						
Class III	14.87	16.17	14.85- 15.05	14.85- 14.95	15.20- 16.20	15.30- 16.20
Class IV	13.77	15.16	14.00- 14.30	14.15- 14.35	14.30- 15.40	14.35- 15.35
All Milk 3/	16.30	17.65	16.30- 16.50	16.35- 16.45	16.75- 17.75	16.85- 17.75

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

WASDE - 582 - 35

Reliability of October Projections 1/

Note: Tables on pages 35-37 present a record of the October projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 1.7 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 2.9 percent. The average difference between the October projection and the final estimate is 7.5 million tons, ranging from 1.2 million to 26.7 million tons. The October projection has been below the estimate 27 times and above 9 times.

	Differences between forecast and final estimate							
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final	
	<i>Percent</i>		<i>Million Metric Tons</i>					
WHEAT								
Production								
World	1.7	2.9	7.5	1.2	26.7	27	9	
U.S.	0.5	0.8	0.2	0.0	1.2	12	16	
Foreign	1.9	3.2	7.5	1.4	26.8	27	9	
Exports								
World	5.7	9.6	5.8	0.0	19.3	28	7	
U.S.	8.4	14.2	2.3	0.3	10.0	16	20	
Foreign	6.8	11.5	5.5	0.5	17.3	30	6	
Domestic Use								
World	1.5	2.5	6.4	0.5	22.7	21	15	
U.S.	6.1	10.4	1.6	0.1	3.6	10	26	
Foreign	1.5	2.6	6.4	0.2	20.3	22	14	
Ending Stocks								
World	8.0	13.6	9.7	0.6	32.5	28	8	
U.S.	11.6	19.7	2.2	0.0	6.8	21	15	
Foreign	8.5	14.5	8.2	0.0	29.3	28	8	
COARSE GRAINS 2/								
Production								
World	1.9	3.1	14.7	0.8	49.7	28	8	
U.S.	2.7	4.6	4.5	0.1	17.9	22	14	
Foreign	2.4	4.0	13.8	0.6	47.0	29	7	
Exports								
World	7.4	12.5	7.3	0.1	28.9	24	12	
U.S.	15.6	26.5	6.8	0.7	19.3	17	19	
Foreign	13.1	22.2	7.2	0.6	21.4	23	13	
Domestic Use								
World	1.6	2.6	12.1	0.2	42.4	23	13	
U.S.	3.6	6.2	5.4	0.0	17.0	19	17	
Foreign	1.7	2.9	10.3	0.0	42.1	24	12	
Ending Stocks								
World	11.5	19.6	14.5	0.2	41.2	28	8	
U.S.	22.2	37.6	8.6	0.5	29.1	19	17	
Foreign	14.7	24.9	12.4	0.7	44.4	31	5	
RICE, milled								
Production								
World	2.3	3.9	6.2	0.0	20.9	28	7	
U.S.	3.3	5.6	0.2	0.0	0.5	20	16	
Foreign	2.3	4.0	6.3	0.1	21.0	28	8	
Exports								
World	9.3	15.7	1.6	0.1	6.3	27	9	
U.S.	10.5	17.8	0.2	0.0	0.8	19	15	
Foreign	10.6	18.0	1.6	0.0	6.3	27	9	
Domestic Use								
World	1.9	3.2	4.4	0.3	20.3	28	8	
U.S.	7.8	13.2	0.2	0.0	0.6	17	18	
Foreign	1.9	3.2	4.4	0.1	20.7	28	8	
Ending Stocks								
World	11.4	19.3	5.2	0.2	24.4	28	8	
U.S.	23.9	40.5	0.2	0.0	0.8	19	16	
Foreign	11.9	20.3	5.3	0.1	24.2	29	7	

1/ Footnotes at end of table.

CONTINUED

WASDE - 582 - 36

Reliability of October Projections (Continued) 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
SOYBEANS	<i>Percent</i>			<i>Million Metric Tons</i>			
Production							
World	4.5	7.6	6.7	0.1	28.7	19	17
U.S.	2.8	4.8	1.5	0.0	3.8	16	20
Foreign	7.3	12.3	6.7	0.0	28.1	18	18
Exports							
World	7.6	12.9	3.5	0.3	13.0	23	13
U.S.	11.3	19.1	2.6	0.1	7.5	23	13
Foreign	18.2	30.8	2.9	0.1	11.4	17	19
Domestic Use							
World	3.1	5.3	4.3	0.0	14.0	22	14
U.S.	3.9	6.6	1.4	0.0	4.5	23	12
Foreign	3.9	6.6	4.1	0.1	11.0	23	13
Ending Stocks							
World	17.8	30.2	5.1	0.3	18.6	20	16
U.S.	44.1	74.9	2.2	0.0	6.6	6	30
Foreign	19.5	33.1	4.5	0.3	19.9	20	16
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	4.6	7.7	2.9	0.0	10.9	20	15
U.S.	4.5	7.6	0.6	0.0	1.7	22	14
Foreign	5.2	8.9	2.7	0.0	10.5	19	16
Exports							
World	7.8	13.2	2.0	0.1	8.5	22	14
U.S.	17.9	30.5	1.1	0.1	3.1	22	14
Foreign	10.6	17.9	1.5	0.1	8.3	18	18
Domestic Use							
World	3.8	6.5	2.9	0.1	11.7	17	19
U.S.	7.6	13.0	0.3	0.0	1.2	18	17
Foreign	3.9	6.6	2.9	0.0	10.9	17	19
Ending Stocks							
World	13.4	22.8	4.8	0.0	15.1	21	14
U.S.	33.0	56.0	1.2	0.0	4.3	10	25
Foreign	14.4	24.5	4.5	0.2	15.6	25	11

1/ Marketing years 1981/82 through 2017/18 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 2016/17, and for 2017/18 the last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

WASDE - 582 - 37

Reliability of United States October Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
CORN	<i>Percent</i>		<i>Million Bushels</i>				
Production	2.8	4.8	176	5	618	21	15
Exports	16.2	27.5	244	12	700	17	19
Domestic Use	3.9	6.7	217	5	558	21	15
Ending Stocks	25.0	42.5	319	18	1,187	19	17
SORGHUM							
Production	4.9	8.2	19	0	71	21	14
Exports	22.0	37.4	38	1	130	20	16
Domestic Use	19.1	32.5	37	0	125	17	18
Ending Stocks	48.7	82.6	30	0	142	12	23
BARLEY							
Production	1.5	2.5	4	0	24	9	15
Exports	53.9	91.5	12	0	38	15	17
Domestic Use	7.8	13.2	18	0	70	12	23
Ending Stocks	13.9	23.6	14	1	56	24	12
OATS							
Production	2.5	4.3	2	0	18	6	11
Exports	92.7	157.3	1	0	8	9	12
Domestic Use	5.4	9.2	11	0	39	13	22
Ending Stocks	23.5	39.8	16	1	47	25	11
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	3.7	6.3	1,118	123	2,815	25	11
Exports	11.9	20.2	772	0	2,200	20	15
Domestic Use	3.5	6.0	781	45	2,650	20	16
Ending Stocks	33.0	56.0	50	0	198	14	15
SOYBEAN OIL			<i>Million Pounds</i>				
Production	3.9	6.5	521	1	1,473	26	10
Exports	30.1	51.2	378	25	1,525	21	15
Domestic Use	3.9	6.6	436	20	1,928	24	12
Ending Stocks	26.5	45.0	399	35	1,327	18	18
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	3.9	6.7	778	18	2,461	23	12
Pork	3.2	5.5	408	2	1,592	19	16
Broilers	1.9	3.2	435	23	1,337	21	14
Turkeys	3.7	6.3	142	2	444	19	16
			<i>Million Dozen</i>				
Eggs	1.8	3.1	99	4	468	23	12
			<i>Billion Pounds</i>				
Milk	1.5	2.6	1.7	0.0	6.8	18	13

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2017/18 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 2016/17, and for 2017/18 the last month's estimate. Calendar years 1982 through 2017 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2017.

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



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World Agricultural Supply and Demand Estimates

WASDE-582 – October 11, 2018

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