

World Agricultural Supply and Demand Estimates

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WHEAT: The outlook for 2020/21 U.S. wheat this month is for reduced supplies, higher domestic use, unchanged exports, and lower ending stocks. Supplies are reduced by 32 million bushels, on the combination of lower beginning stocks and production as indicated by the NASS *Grains Stocks* and *Small Grains Annual Summary* reports, respectively. Partly offsetting are lower imports, with all the reduction for Durum. Domestic use is raised 10 million bushels, all on higher feed and residual use. The NASS *Grain Stocks* report indicated greater first quarter disappearance than previously estimated. Exports remain at 975 million bushels due to offsetting by-class changes. Projected ending stocks are reduced by 42 million bushels to 883 million, which would be the lowest ending stocks in six years. The season-average farm price is raised \$0.20 per bushel to \$4.70 on reported NASS prices to date and expectations for futures and cash prices for the remainder of the marketing year.

The 2020/21 global wheat outlook is for larger supplies, increased consumption, greater exports, and higher stocks. Supplies are raised 2.2 million tons to 1,072.5 million, mostly on Russia's production increasing 5.0 million tons to 83.0 million, which is the second-largest crop on record, following 2017/18. The increased production is based on updated harvest results as reported by Russia's Ministry of Agriculture, which imply record-high spring wheat yields. Russia's increased production more than offsets reductions in Ukraine, Canada, Argentina, and the United States. Ukraine's production is lowered 1.5 million tons to 25.5 million, based on Ukraine's State Statistics Service estimates. Canada's production is reduced 1.0 million tons to 35.0 million, primarily on the updated Statistics Canada forecast issued September 14. Argentina's production is lowered 0.5 million tons to 19.0 million on continued dry conditions in some regions. World consumption is increased fractionally to 751.0 million tons, primarily on higher feed and residual usage for Russia and greater food, seed, and industrial use in Pakistan and EU more than offsetting lower feed and residual use for Ukraine and Canada. Projected 2020/21 global trade is raised 0.5 million tons to 189.9 million on higher exports for Russia more than offsetting reductions for Argentina and Ukraine. Russia's exports are raised 1.5 million tons to 39.0 million, which are the second highest on record. The largest import changes this month are for China and Pakistan, each raised 0.5 million tons. China's imports are raised on a strong early pace and are now 7.5 million tons, making China the third largest global importer for 2020/21. Pakistan imports are now 1.5 million tons, raising stocks which have been relatively tight recently. Projected 2020/21 world ending stocks are raised 2.1 million tons to 321.5 million to a new record, with Russia accounting for most of the increase this month.

COARSE GRAINS: This month's 2020/21 U.S. corn outlook is for lower production, reduced corn used for ethanol and feed and residual use, and smaller ending stocks. Corn production is forecast at 14.722 billion bushels, down 178 million with a reduction in harvested area and a slight decline in yield to 178.4 bushels per acre. Corn supplies are forecast down sharply from last month, on a smaller crop and lower beginning stocks. Corn used for ethanol is down 50 million bushels, based on weekly ethanol production data as reported by the Energy Information Administration into early October. Projected feed and residual use is lowered 50 million bushels

based on a reduced crop and higher expected prices. Corn ending stocks for 2020/21 are lowered 336 million bushels. The corn price is raised 10 cents to \$3.60 per bushel.

Grain sorghum production is forecast higher from last month, with a 0.2-bushel per acre increase in the yield to 74.1 bushels per acre and an increase in harvested area.

Global coarse grain production for 2020/21 is forecast lower to 1,458.8 million tons. The 2020/21 foreign coarse grain outlook is for higher production, increased use, and greater stocks relative to last month. Foreign corn production is forecast modestly higher with increases for several countries, including Serbia, Ghana, Kenya, Tanzania, Burkina, and Mali more than offsetting declines for Ukraine and the EU. The projected corn yield for Ukraine is lowered based on reported harvest results to date.

Corn exports are raised for Serbia but lowered for Ukraine and the EU. For 2019/20, corn exports for Argentina are raised for the local marketing year beginning March 2020 based on larger-than-expected shipments through September. For 2020/21, corn imports are lowered for the EU, Iran, and Kenya, but raised for Saudi Arabia, Vietnam, and Iraq. Foreign corn ending stocks are higher, mostly reflecting increases for Mexico, the EU, and Canada. Global corn ending stocks, at 300.5 million tons, are down 6.3 million from last month.

RICE: The outlook for 2020/21 U.S. rice this month is for increased supplies, unchanged domestic use and exports, and higher ending stocks. Supplies are raised as NASS increased the all rice production forecast by 1.3 million cwt to 226.3 million, on higher harvested area and yields. The all rice yield is forecast at 7,567 pounds per acre, up 38 pounds from the previous forecast. Supplies are also increased on higher projected imports, which are raised by 0.5 million cwt to 37.3 million, with all the increase for long grain. This nearly matches last year's record imports as strong demand for Asian aromatics is expected to continue for 2020/21. Projected 2020/21 all rice ending stocks are raised 1.8 million cwt to 47.7 million, up 66 percent from last year. The projected 2020/21 all rice season-average farm price is raised \$0.20 per cwt to \$12.80.

The 2020/21 global outlook is for smaller supplies, greater consumption, lower trade, and reduced stocks. Rice supplies are lowered 2.7 million tons to 678.6 million, primarily on reduced beginning stocks for India as its combined 2019/20 consumption and exports are raised 5.0 million tons. India's consumption is increased on the introduction of government food assistance programs to address economic disruptions caused by COVID-19. India's exports are raised on its recent robust monthly shipment pace. World production for 2020/21 is raised 1.9 million tons to a record 501.5 million, mainly on higher projected output for India and the Philippines. Global 2020/21 consumption is raised by 3.0 million tons to a record 499.4 million, primarily on increases for India and Thailand. World trade is decreased 0.2 million tons to 44.3 million tons as higher exports for India are more than offset by reductions for Thailand and Pakistan. Projected 2020/21 world ending stocks are lowered 5.7 million tons to 179.2 million, still a record, with China and India accounting for 65 and 18 percent of the total, respectively.

OILSEEDS: U.S. oilseed production for 2020/21 is projected at 126.6 million tons, down 1.1 million from last month with lower soybean, peanut, and cottonseed production partly offset with higher canola and sunflowerseed. Soybean production is forecast at 4.3 billion bushels, down 45 million on lower harvested area. Harvested area is reduced 0.7 million acres to 82.3 million, with reductions for Kansas, North Dakota, and South Dakota. The soybean yield is projected at 51.9 bushels per acre, unchanged from the September forecast. Soybean supplies for 2020/21 are forecast at 4.8 billion bushels, down 96 million on lower production and beginning stocks. Despite reduced supplies, soybean exports are raised 75 million bushels on record early-season

sales. With smaller supplies and increased exports, ending stocks are projected at 290 million bushels, down 170 million from last month.

The U.S. season-average soybean price for 2020/21 is forecast at \$9.80 per bushel, up 55 cents reflecting smaller supplies and higher exports. The soybean meal price is forecast at \$335.00 per short ton, up \$20.00. The soybean oil price forecast is raised 0.5 cents to 32.5 cents per pound.

The 2020/21 foreign oilseed production is lowered 2.6 million tons to 478.9 million mainly on lower sunflowerseed production for Ukraine, the EU, Moldova, and Argentina. Ukraine's sunflowerseed output is lowered 2 million tons to 15 million on drought conditions during the season and harvest results to date. Dryness also impacted yield prospects for Romania, Bulgaria, and Moldova. Lower sunflowerseed production for Ukraine results in lower global sunflower meal and oil exports. Partly offsetting are higher exports of palm oil from Malaysia and rapeseed meal from Russia.

The 2020/21 foreign soybean supply and demand forecasts include lower beginning stocks, higher crush, and lower ending stocks. Beginning stocks are lowered mainly on higher 2019/20 crush for China that is partly offset by lower exports and higher stocks for Brazil. The 2020/21 soybean imports, crush, and meal consumption are higher for China, Bangladesh, Thailand, and Vietnam, aligning with prior year increases in domestic meal use. Argentina's exports are lowered 0.5 million tons due to stronger competition from the United States. With lower supplies in the United States and higher foreign use, global ending stocks are reduced 4.9 million tons to 88.7 million.

SUGAR: U.S. beet sugar production for 2019/20 is increased by 50,000 short tons, raw value (STRV) to 4.293 million due to an increase in projected August-September production from the 2020/21 crop year sugarbeet harvest. Beet sugar production for 2020/21 is increased by 41,095 STRV to 5.206 million on a 1.9 percent increase made by NASS for sugarbeet area less the projected 50,000-STRV produced in August and September. Similarly, cane sugar production in Louisiana for 2019/20 is increased by 90,243 STRV on stronger-than-expected production occurring in September. However, the consequent decrease in fiscal year 2020/21 production to 1.785 million STRV is only 65,246 because it is expected that the recent trend toward increased September production in Louisiana will continue. The projection for September 2021 is 54,754 STRV, the average of the previous five years.

Many exporters with raw sugar TRQ access have taken advantage of the extension of the quota-year to the end of October by deferring shipments expected in September into October. The 22,047 STRV shortfall linked to the September TRQ increase is eliminated because allocations made by USTR after last month's *WASDE* to Brazil and Australia are expected to be filled. Estimated re-export imports for 2019/20 are increased to 432,405 STRV and high-tier imports for 2019/20 are increased to 250,631 STRV. Both of these changes are made on the basis of Customs reporting.

Deliveries for human consumption for 2019/20 are increased by 50,000 STRV to 12,220 million on the pace to date. Deliveries for 2020/21 correspondingly are increased by 50,000 STRV to 12,220 million. Exports for 2019/20 are increased by 10,000 STRV to 45,000 on the pace to date. Ending stocks for 2019/20 are estimated at 1.702 million for an ending stocks-to-use ratio of 13.8 percent. Ending stocks for 2020/21 are projected at 1.749 million STRV for an ending stocks-to-use ratio of 14.2 percent.

Mexico sugar supply and use for 2019/20 has small changes including an increase in imports of sugar for consumption, a small decrease for exports to non-U.S. destinations, and reduced deliveries with a decrease in those for consumption only partially offset by an increase for the IMMEX program. These changes are made on the basis of the pace to date. The net result is to increase ending stocks by 39,505 metric tons (MT). High Fructose Corn Syrup (HFCS) deliveries for 2019/20 are reduced by 30,000 MT, dry weight, to 1.380 million on the current pace. For 2020/21, deliveries to IMMEX are increased by 20,000 MT. There is a small increase in ending stocks based on delivery projections for the initial 2.5-month period in 2021/22 before the production campaign begins. Exports to non-U.S. destinations are residually increased by 15,338 MT. Projected deliveries of HFCS for 2020/21 are unchanged at 1.470 million MT, dry weight.

LIVESTOCK, POULTRY, AND DAIRY: The forecast for 2020 total red meat and poultry production is raised from last month. Beef production is raised from the previous month on higher expected second-half cattle slaughter. The pork production forecast is reduced on lower second-half commercial hog slaughter and lighter carcass weights. The broiler and turkey production forecasts are raised on production data to date. The egg production forecast is raised slightly from last month. For 2021, the total red meat and poultry forecast is raised from the previous month on higher expected beef, pork, and broiler production. Beef production is raised from last month on higher expected steer and heifer slaughter. Pork production is raised on higher forecast commercial hog slaughter. The 2021 broiler production forecast is also raised from last month on slightly more rapid production growth, but the turkey production forecast is unchanged.

Egg supply and use tables are revised to reflect changes in egg stock numbers. Information on the changes and historical supply and use data can be found at:

<https://www.usda.gov/oce/commodity-markets/wasde/historical-revisions>

The 2020 beef import forecast is raised on recent trade data and continued firm import demand for processing grade beef, while exports are unchanged. For 2021, the beef import forecast is raised, while the beef export forecast is lowered on slower expected global demand. The 2020 and 2021 pork export forecasts are lowered from last month on weakness in global import demand. The 2020 and 2021 broiler export forecasts are raised from last month. Egg exports for 2020 are raised slightly, but no change is made to the 2021 export forecast.

The cattle price forecasts for 2020 is raised on current price strength and robust beef demand; this increase in price strength was carried into early 2021. Hog price forecasts are raised for 2020 and 2021 on current price movements and continued strength in demand. The 2020 broiler price forecast is virtually unchanged from last month but is reduced for 2021 on expected supply pressure. The turkey price forecasts for 2020 and 2021 are raised. The 2020 egg price forecast is increased on current strength in prices, but 2021 price forecast is unchanged.

The milk production forecast for 2020 is raised from the previous month on slightly higher cow numbers and a more rapid pace of growth in milk per cow. For 2020, the fat basis import forecast is unchanged while the export forecast is reduced on lower exports of butterfat products. The skim-solids import forecast remains unchanged, but the export forecast is reduced on lower dry whey and lactose shipments. Cheese and nonfat dry milk (NDM) price forecasts are raised from last month, while the whey forecast is unchanged. The 2020 forecast for butter is reduced. The Class III price forecast is raised on the higher cheese price forecast. The Class IV price forecast is also raised as the higher NDM price more than offsets the lower butter price forecast. The all milk price forecast is raised to \$18.00 per cwt.

For 2021, a larger dairy herd and higher milk per cow are expected to support higher milk production from last month. The fat basis import forecast is unchanged, while the fat basis export forecast is lowered on weak global import demand for butterfat products. The skim-solids basis import forecast is unchanged, while the export forecast is raised on expected robust international demand for skim milk powder and whey products. Dairy product price forecasts for cheese, butter, NDM, and whey are raised from last month. Class III and Class IV price forecasts are raised on higher product prices. The all milk price forecast is raised to \$17.60 per cwt for 2021.

COTTON: The 2020/21 U.S. cotton supply and demand estimates show marginally lower production compared with last month. Production is lowered less than 1 percent, to 17.0 million bales. Domestic mill use, exports, and ending stocks are unchanged. At 7.2 million bales, U.S. ending stocks in 2020/21 are projected at 42 percent of use, compared with 41 percent in 2019/20. The 2020/21 season-average price for upland cotton is forecast at 61.0 cents per pound, 2 cents higher than last month and slightly above the final 2019/20 price of 59.6 cents.

The 2020/21 world cotton supply and demand forecasts feature lower production, higher consumption and trade, and lower ending stocks compared with last month. Production is lowered more than 900,000 bales with declines in Mali, Pakistan, and Greece offsetting a larger expected crop in Nigeria. Consumption is 1.5 million bales higher, largely reflecting revisions for China and India. World trade is projected about 500,000 bales higher this month, reflecting a 500,000-bale increase in China's projected imports, and on the export side, higher exports by Brazil and Uzbekistan offsetting a decline for Mali. World ending stocks in 2020/21 are now projected 2.7 million bales lower than in September, at 101.1 million bales, equivalent to 89 percent of consumption.

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In 2020, the WASDE report will be released on Nov 10, and Dec 10.

In 2021, the WASDE report will be released on Jan 12, Feb 9, Mar 9, Apr 9, May 12, Jun 10, Jul 12, Aug 12, Sep 10, Oct 12, Nov 9, and Dec 9.

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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/	2018/19	2625.19	3447.76	429.35	2640.27	807.49	
	2019/20 (Est.)	2670.99	3478.48	440.85	2669.55	808.93	
	2020/21 (Proj.)	Sep	2730.33	3549.42	458.02	2707.98	841.45
		Oct	2733.40	3542.33	457.11	2711.14	831.19
Wheat	2018/19	730.93	1019.24	173.61	735.24	284.01	
	2019/20 (Est.)	764.49	1048.49	191.54	749.10	299.40	
	2020/21 (Proj.)	Sep	770.49	1070.27	189.44	750.90	319.37
		Oct	773.08	1072.48	189.92	751.03	321.45
Coarse Grains 5/	2018/19	1397.56	1767.63	212.01	1420.73	346.90	
	2019/20 (Est.)	1410.72	1757.62	207.01	1425.20	332.42	
	2020/21 (Proj.)	Sep	1460.26	1797.90	224.09	1460.66	337.25
		Oct	1458.84	1791.26	222.87	1460.67	330.59
Rice, milled	2018/19	496.71	660.88	43.72	484.30	176.58	
	2019/20 (Est.)	495.78	672.36	42.30	495.25	177.11	
	2020/21 (Proj.)	Sep	499.58	681.25	44.50	496.42	184.83
		Oct	501.47	678.59	44.32	499.44	179.15
United States							
Total Grains 4/	2018/19	436.32	532.30	83.45	357.57	91.28	
	2019/20 (Est.)	417.88	516.31	79.77	353.91	82.63	
	2020/21 (Proj.)	Sep	449.79	546.97	95.48	358.20	93.28
		Oct	445.08	534.98	95.51	355.81	83.67
Wheat	2018/19	51.31	84.88	25.50	29.99	29.39	
	2019/20 (Est.)	52.58	84.83	26.28	30.57	27.98	
	2020/21 (Proj.)	Sep	50.01	81.96	26.54	30.24	25.19
		Oct	49.69	81.07	26.54	30.51	24.03
Coarse Grains 5/	2018/19	377.91	438.46	54.97	323.02	60.47	
	2019/20 (Est.)	359.43	423.01	50.51	318.77	53.74	
	2020/21 (Proj.)	Sep	392.63	455.79	65.81	323.34	66.64
		Oct	388.20	444.63	65.83	320.68	58.13
Rice, milled	2018/19	7.11	8.96	2.97	4.57	1.42	
	2019/20 (Est.)	5.86	8.47	2.99	4.57	0.91	
	2020/21 (Proj.)	Sep	7.14	9.22	3.14	4.62	1.46
		Oct	7.19	9.28	3.14	4.62	1.52

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/	2018/19	2,188.88	2,915.46	345.90	2,282.70	716.21	
	2019/20 (Est.)	2,253.11	2,962.17	361.08	2,315.64	726.30	
	2020/21 (Proj.)	Sep	2,280.54	3,002.46	362.54	2,349.78	748.16
		Oct	2,288.32	3,007.35	361.60	2,355.33	747.52
Wheat	2018/19	679.62	934.37	148.11	705.25	254.62	
	2019/20 (Est.)	711.90	963.67	165.26	718.53	271.42	
	2020/21 (Proj.)	Sep	720.48	988.31	162.90	720.67	294.18
		Oct	723.39	991.41	163.39	720.52	297.43
Coarse Grains 5/	2018/19	1,019.65	1,329.17	157.04	1,097.72	286.43	
	2019/20 (Est.)	1,051.29	1,334.61	156.51	1,106.43	278.68	
	2020/21 (Proj.)	Sep	1,067.63	1,342.11	158.28	1,137.31	270.61
		Oct	1,070.64	1,346.63	157.04	1,140.00	272.47
Rice, milled	2018/19	489.60	651.92	40.75	479.73	175.16	
	2019/20 (Est.)	489.92	663.89	39.31	490.68	176.20	
	2020/21 (Proj.)	Sep	492.43	672.03	41.35	491.80	183.38
		Oct	494.29	669.31	41.17	494.82	177.63

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	2018/19	118.58	199.51	41.41	120.18	80.20	
	2019/20 (Est.)	121.83	202.03	40.89	102.05	99.21	
	2020/21 (Proj.)	Sep	117.20	216.65	41.72	112.69	103.84
		Oct	116.27	215.48	42.24	114.21	101.13
United States	2018/19	18.37	22.57	14.84	2.98	4.85	
	2019/20 (Est.)	19.91	24.77	15.53	2.15	7.25	
	2020/21 (Proj.)	Sep	17.06	24.32	14.60	2.50	7.20
		Oct	17.05	24.30	14.60	2.50	7.20
Foreign 4/	2018/19	100.21	176.94	26.57	117.21	75.35	
	2019/20 (Est.)	101.92	177.26	25.36	99.90	91.96	
	2020/21 (Proj.)	Sep	100.14	192.33	27.12	110.19	96.64
		Oct	99.23	191.18	27.64	111.71	93.93

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	2018/19		600.82	717.54	170.42	489.03	132.40
	2019/20 (Est.)		576.95	709.34	189.90	505.78	108.82
	2020/21 (Proj.)	Sep	609.15	720.83	189.56	515.06	106.98
		Oct	605.50	714.32	190.97	514.80	101.18
Oilmeals	2018/19		332.77	349.85	93.73	328.92	15.09
	2019/20 (Est.)		344.56	359.65	93.38	342.17	13.33
	2020/21 (Proj.)	Sep	352.80	365.90	94.30	350.19	12.14
		Oct	353.33	366.66	94.11	350.63	12.49
Vegetable Oils	2018/19		203.64	226.84	85.81	200.09	22.17
	2019/20 (Est.)		206.58	228.75	86.78	201.81	21.93
	2020/21 (Proj.)	Sep	209.73	231.39	86.61	207.14	20.07
		Oct	209.62	231.55	86.26	207.32	19.80
United States							
Oilseeds	2018/19		130.72	145.66	48.82	61.03	26.54
	2019/20 (Est.)		106.98	134.74	46.89	63.10	15.94
	2020/21 (Proj.)	Sep	127.72	146.31	59.10	63.55	14.24
		Oct	126.65	143.74	61.15	63.57	9.58
Oilmeals	2018/19		46.52	51.02	12.50	38.10	0.42
	2019/20 (Est.)		48.71	53.27	12.91	39.93	0.42
	2020/21 (Proj.)	Sep	49.04	53.30	12.55	40.33	0.42
		Oct	49.05	53.33	12.55	40.36	0.42
Vegetable Oils	2018/19		12.20	18.14	1.09	15.88	1.16
	2019/20 (Est.)		12.64	18.76	1.49	16.11	1.16
	2020/21 (Proj.)	Sep	12.80	18.99	1.40	16.37	1.23
		Oct	12.81	18.94	1.41	16.37	1.16
Foreign 3/							
Oilseeds	2018/19		470.11	571.88	121.60	428.00	105.86
	2019/20 (Est.)		469.97	574.61	143.02	442.68	92.89
	2020/21 (Proj.)	Sep	481.43	574.52	130.47	451.51	92.74
		Oct	478.85	570.58	129.82	451.23	91.60
Oilmeals	2018/19		286.24	298.83	81.23	290.82	14.67
	2019/20 (Est.)		295.85	306.38	80.46	302.23	12.91
	2020/21 (Proj.)	Sep	303.76	312.59	81.76	309.86	11.72
		Oct	304.28	313.33	81.56	310.28	12.06
Vegetable Oils	2018/19		191.44	208.70	84.72	184.21	21.01
	2019/20 (Est.)		193.94	209.99	85.28	185.70	20.77
	2020/21 (Proj.)	Sep	196.93	212.40	85.22	190.78	18.84
		Oct	196.81	212.61	84.85	190.95	18.64

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/

	2018/19	2019/20 Est.	2020/21 Proj. Sep	2020/21 Proj. Oct
			<i>Million Acres</i>	
Area Planted	47.8	45.5	44.3	44.3
Area Harvested	39.6	37.4	36.7	36.7
			<i>Bushels</i>	
Yield per Harvested Acre	47.6	51.7	50.1	49.7
			<i>Million Bushels</i>	
Beginning Stocks	1,099	1,080	1,044	1,028
Production	1,885	1,932	1,838	1,826
Imports	135	105	130	125
Supply, Total	3,119	3,117	3,011	2,979
Food	955	962	960	960
Seed	59	60	61	61
Feed and Residual	88	102	90	100
Domestic, Total	1,102	1,123	1,111	1,121
Exports	937	965	975	975
Use, Total	2,039	2,089	2,086	2,096
Ending Stocks	1,080	1,028	925	883
Avg. Farm Price (\$/bu) 2/	5.16	4.58	4.50	4.70

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>			
2019/20 (Est.)	Beginning Stocks	516	263	158	88	55	1,080
	Production	845	520	240	273	54	1,932
	Supply, Total 3/	1,363	836	402	367	150	3,117
	Domestic Use	480	288	204	85	66	1,123
	Exports	376	268	92	187	42	965
	Use, Total	857	556	297	272	108	2,089
	Ending Stocks, Total	506	280	105	95	42	1,028
2020/21 (Proj.)	Beginning Stocks	506	280	105	95	42	1,028
	Production	659	530	266	302	69	1,826
	Supply, Total 3/	1,170	870	381	402	156	2,979
	Domestic Use	426	312	199	95	89	1,121
	Exports	410	270	80	185	30	975
	Use, Total	836	582	279	280	119	2,096
	Ending Stocks, Total	334	288	102	122	37	883
		Oct					
		Sep					
		334	288	102	122	37	883
		385	293	108	104	36	925

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/

	2018/19	2019/20 Est.	2020/21 Proj. Sep	2020/21 Proj. Oct
FEED GRAINS				
		<i>Million Acres</i>		
Area Planted	99.9	100.6	103.6	102.4
Area Harvested	89.2	89.1	91.5	90.7
		<i>Metric Tons</i>		
Yield per Harvested Acre	4.24	4.03	4.29	4.28
		<i>Million Metric Tons</i>		
Beginning Stocks	57.9	60.5	60.4	53.7
Production	377.7	359.2	392.3	387.9
Imports	2.3	2.8	2.4	2.4
Supply, Total	437.9	422.4	455.2	444.0
Feed and Residual	142.9	152.6	151.7	150.4
Food, Seed & Industrial	179.6	165.6	171.0	169.7
Domestic, Total	322.5	318.2	322.8	320.1
Exports	55.0	50.5	65.8	65.8
Use, Total	377.5	368.7	388.6	385.9
Ending Stocks	60.5	53.7	66.6	58.1
CORN				
		<i>Million Acres</i>		
Area Planted	88.9	89.7	92.0	91.0
Area Harvested	81.3	81.3	83.5	82.5
		<i>Bushels</i>		
Yield per Harvested Acre	176.4	167.5	178.5	178.4
		<i>Million Bushels</i>		
Beginning Stocks	2,140	2,221	2,253	1,995
Production	14,340	13,620	14,900	14,722
Imports	28	42	25	25
Supply, Total	16,509	15,883	17,178	16,742
Feed and Residual	5,429	5,827	5,825	5,775
Food, Seed & Industrial 2/	6,793	6,282	6,525	6,475
Ethanol & by-products 3/	5,378	4,852	5,100	5,050
Domestic, Total	12,222	12,109	12,350	12,250
Exports	2,066	1,778	2,325	2,325
Use, Total	14,288	13,887	14,675	14,575
Ending Stocks	2,221	1,995	2,503	2,167
Avg. Farm Price (\$/bu) 4/	3.61	3.56	3.50	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	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.
			Sep	Oct
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.7	5.3	5.6	5.8
Area Harvested (mil. acres)	5.1	4.7	4.8	5.0
Yield (bushels/acre)	72.1	73.0	73.9	74.1
Beginning Stocks	35	64	35	29
Production	365	341	358	371
Imports	0	0	0	0
Supply, Total	400	405	393	400
Feed and Residual	138	97	70	70
Food, Seed & Industrial	106	75	40	40
Total Domestic	244	172	110	110
Exports	93	204	260	260
Use, Total	336	376	370	370
Ending Stocks	64	29	23	30
Avg. Farm Price (\$/bu) 2/	3.26	3.34	3.50	3.60
BARLEY				
Area Planted (mil. acres)	2.5	2.8	2.8	2.6
Area Harvested (mil. acres)	2.0	2.2	2.2	2.1
Yield (bushels/acre)	77.5	77.7	78.8	77.5
Beginning Stocks	94	87	80	80
Production	154	172	176	165
Imports	6	7	7	7
Supply, Total	254	266	263	253
Feed and Residual	15	44	30	25
Food, Seed & Industrial	148	136	143	143
Total Domestic	162	180	173	168
Exports	5	6	5	6
Use, Total	167	186	178	174
Ending Stocks	87	80	85	79
Avg. Farm Price (\$/bu) 2/	4.62	4.69	4.45	4.55
OATS				
Area Planted (mil. acres)	2.7	2.8	3.1	3.0
Area Harvested (mil. acres)	0.9	0.8	1.0	1.0
Yield (bushels/acre)	64.9	64.3	65.0	65.1
Beginning Stocks	41	38	37	37
Production	56	53	65	65
Imports	86	92	96	94
Supply, Total	184	183	198	196
Feed and Residual	66	63	75	75
Food, Seed & Industrial	78	81	79	79
Total Domestic	144	144	154	154
Exports	2	2	2	2
Use, Total	146	146	156	156
Ending Stocks	38	37	42	40
Avg. Farm Price (\$/bu) 2/	2.66	2.82	2.70	2.70

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	2018/19	2019/20 Est.	2020/21 Proj. Sep	2020/21 Proj. Oct
		<i>Million Acres</i>		
Area Planted	2.95	2.54	3.04	3.04
Area Harvested	2.91	2.47	2.99	2.99
		<i>Pounds</i>		
Yield per Harvested Acre	7,692	7,471	7,529	7,567
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	29.4	44.9	28.7	28.7
Production	223.8	184.7	225.0	226.3
Imports	29.0	37.3	36.8	37.3
Supply, Total	282.2	266.8	290.4	292.2
Domestic & Residual 3/	143.8	144.0	145.5	145.5
Exports, Total 4/	93.6	94.2	99.0	99.0
Rough	33.3	31.2	36.0	36.0
Milled (rough equiv.)	60.3	62.9	63.0	63.0
Use, Total	237.3	238.2	244.5	244.5
Ending Stocks	44.9	28.7	45.9	47.7
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	12.60	13.20	12.60	12.80

LONG-GRAIN RICE

Harvested Acres (mil.)	2.18	1.73		
Yield (pounds/acre)	7,517	7,261		
Beginning Stocks	20.3	32.6	16.9	16.9
Production	163.6	125.6	168.9	170.0
Supply, Total 7/	207.3	188.0	214.8	216.4
Domestic & Residual 3/	108.5	106.4	111.0	111.0
Exports 8/	66.2	64.6	71.0	71.0
Use, Total	174.7	171.1	182.0	182.0
Ending Stocks	32.6	16.9	32.8	34.4
Avg. Farm Price (\$/cwt) 6/	10.80	12.00	11.30	11.50

MEDIUM & SHORT-GRAIN RICE

Harvested Acres (mil.)	0.73	0.74		
Yield (pounds/acre)	8,209	7,960		
Beginning Stocks	7.6	10.2	10.7	10.7
Production	60.3	59.1	56.0	56.4
Supply, Total 7/	72.8	77.8	74.5	74.8
Domestic & Residual 3/	35.3	37.6	34.5	34.5
Exports 8/	27.3	29.6	28.0	28.0
Use, Total	62.6	67.1	62.5	62.5
Ending Stocks	10.2	10.7	12.0	12.3
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.50	16.50	16.40	16.50
California 10/	21.10	18.70	18.80	18.80
Other States 1/	12.30	11.60	11.40	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 preliminary California SAFP forecast and the final price has averaged \$1.00 per cwt from 2014/15-2018/19, 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	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.
			Sep	Oct
		<i>Million Acres</i>		
Area Planted	89.2	76.1	83.8	83.1
Area Harvested	87.6	74.9	83.0	82.3
		<i>Bushels</i>		
Yield per Harvested Acre	50.6	47.4	51.9	51.9
		<i>Million Bushels</i>		
Beginning Stocks	438	909	575	523
Production	4,428	3,552	4,313	4,268
Imports	14	15	15	15
Supply, Total	4,880	4,476	4,903	4,806
Crushings	2,092	2,165	2,180	2,180
Exports	1,752	1,676	2,125	2,200
Seed	88	96	100	100
Residual	39	16	38	36
Use, Total	3,971	3,953	4,442	4,516
Ending Stocks	909	523	460	290
Avg. Farm Price (\$/bu) 2/	8.48	8.57	9.25	9.80
SOYBEAN OIL				
		<i>Million Pounds</i>		
Beginning Stocks	1,995	1,775	1,845	1,740
Production 4/	24,197	24,890	25,265	25,265
Imports	397	325	350	350
Supply, Total	26,590	26,990	27,460	27,355
Domestic Disappearance	22,874	22,450	23,000	23,000
Biodiesel 3/	7,863	7,850	8,000	8,100
Food, Feed & other Industrial	15,011	14,600	15,000	14,900
Exports	1,940	2,800	2,600	2,600
Use, Total	24,815	25,250	25,600	25,600
Ending stocks	1,775	1,740	1,860	1,755
Avg. Price (c/lb) 2/	28.26	29.67	32.00	32.50
SOYBEAN MEAL				
		<i>Thousand Short Tons</i>		
Beginning Stocks	555	402	400	400
Production 4/	48,814	51,028	51,400	51,400
Imports	683	620	400	400
Supply, Total	50,052	52,050	52,200	52,200
Domestic Disappearance	36,212	37,750	38,300	38,300
Exports	13,438	13,900	13,500	13,500
Use, Total	49,650	51,650	51,800	51,800
Ending Stocks	402	400	400	400
Avg. Price (\$/s.t.) 2/	308.28	299.50	315.00	335.00

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 2,170 million bushels for 2019/20 and 2,180 million bushels for 2020/21.

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U.S. Sugar Supply and Use 1/

	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.
			Sep	Oct
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	2,008	1,783	1,745	1,702
Production 2/	8,999	8,128	9,292	9,268
Beet Sugar	4,939	4,293	5,165	5,206
Cane Sugar	4,060	3,835	4,127	4,062
Florida	2,005	2,106	2,135	2,135
Hawaii	0	0	0	0
Louisiana	1,907	1,603	1,850	1,785
Texas	147	126	142	142
Imports	3,070	4,136	2,913	3,120
TRQ 3/	1,541	2,071	1,624	1,832
Other Program 4/	438	432	350	350
Other 5/	1,092	1,633	938	938
Mexico	1,000	1,382	888	888
Total Supply	14,077	14,047	13,949	14,089
Exports	35	45	35	35
Deliveries	12,231	12,300	12,255	12,305
Food	12,106	12,200	12,150	12,200
Other 6/	126	100	105	105
Miscellaneous	28	0	0	0
Total Use	12,294	12,345	12,290	12,340
Ending Stocks	1,783	1,702	1,659	1,749
Stocks to Use Ratio	14.5	13.8	13.5	14.2

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2019/20 and 2020/21 are based on Crop Production and/or processor projections/industry data and/or sugar ICEC analysis where appropriate. 3/ For 2019/20, WTO raw sugar TRQ shortfall (55) and for 2020/21 (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 2019/20 (251) and 2020/21 (50). 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: 2018/19 -- 374; estimated 2019/20 -- 340; projected 2020/21 -- 353.

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	2019/20 Est.	Sep	1,169	5,278	105	4,518	1,222	812
		Oct	1,169	5,278	110	4,488	1,218	852
2020/21 Proj.		Sep	812	6,000	89	4,468	1,502	931
		Oct	852	6,000	89	4,488	1,518	935

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2018/19 = 1,528; Estimated 2019/20 = 1,380; Projected 2020/21 = 1,470; Estimated Oct-Aug 2019/20 = 1,267, Oct-Aug 2018/19 = 1,401. Footnote source for estimate: Comite Nacional para el Desarrollo Sustentable de la Cana de Azucar. 2/Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2019/20 (385 est = 320 dom.+65 import); 2020/21 (415 proj = 350 dom.+65 import). Statistical Adjustments: 2019/20 (0), 2020/21 (0).

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U.S. Cotton Supply and Use 1/

	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.
			Sep	Oct
Area				
		<i>Million Acres</i>		
Planted	14.10	13.74	12.12	12.12
Harvested	9.99	11.61	9.01	9.01
		<i>Pounds</i>		
Yield per Harvested Acre	882	823	910	909
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	4.20	4.85	7.25	7.25
Production	18.37	19.91	17.06	17.05
Imports	0.00	0.00	0.00	0.00
Supply, Total	22.57	24.77	24.32	24.30
Domestic Use	2.98	2.15	2.50	2.50
Exports, Total	14.84	15.53	14.60	14.60
Use, Total	17.81	17.68	17.10	17.10
Unaccounted 2/	-0.09	-0.16	0.02	0.00
Ending Stocks	4.85	7.25	7.20	7.20
Avg. Farm Price 3/	70.3	59.6	59.0	61.0

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)

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	288.32	730.93	170.74	139.69	735.24	173.61	284.01
World Less China	157.12	599.50	167.60	119.69	610.24	172.61	144.24
United States	29.91	51.31	3.66	2.41	29.99	25.50	29.39
Total Foreign	258.41	679.62	167.08	137.28	705.25	148.11	254.62
Major Exporters 4/	43.93	302.73	7.31	81.91	194.74	120.77	38.46
Argentina	0.47	19.50	0.01	0.05	6.05	12.19	1.74
Australia	5.55	17.60	0.50	5.70	9.20	9.01	5.44
Canada	6.73	32.20	0.48	4.16	9.14	24.38	5.89
European Union 5/	17.94	136.69	5.76	51.50	121.05	23.31	16.02
Russia	12.01	71.69	0.45	18.00	40.50	35.86	7.78
Ukraine	1.24	25.06	0.11	2.50	8.80	16.02	1.59
Major Importers 6/	177.58	199.78	111.34	38.36	294.23	12.38	182.08
Bangladesh	2.23	1.10	5.10	0.28	7.18	0.00	1.26
Brazil	1.31	5.43	7.02	0.50	12.10	0.60	1.06
China	131.20	131.43	3.15	20.00	125.00	1.01	139.77
Japan	1.23	0.86	5.73	0.70	6.45	0.29	1.08
N. Africa 7/	14.87	21.00	26.96	2.25	46.10	1.19	15.53
Nigeria	0.20	0.06	4.66	0.05	4.32	0.40	0.20
Sel. Mideast 8/	15.14	17.88	17.23	3.45	37.70	0.63	11.91
Southeast Asia 9/	5.51	0.00	26.37	8.14	25.34	1.10	5.44
Selected Other							
India	13.23	99.87	0.02	5.00	95.63	0.50	16.99
Kazakhstan	2.54	13.95	0.09	1.80	6.60	8.30	1.68
2019/20 Est.							
World 3/	284.01	764.49	183.84	139.14	749.10	191.54	299.40
World Less China	144.24	630.90	178.47	120.14	623.10	190.49	147.71
United States	29.39	52.58	2.86	2.77	30.57	26.28	27.98
Total Foreign	254.62	711.90	180.99	136.37	718.53	165.26	271.42
Major Exporters 4/	38.46	325.03	6.66	81.11	195.16	141.55	33.43
Argentina	1.74	19.76	0.01	0.05	6.30	13.50	1.70
Australia	5.44	15.20	0.75	4.90	8.40	9.50	3.49
Canada	5.89	32.35	0.68	4.16	9.26	24.63	5.03
European Union 5/	16.02	154.94	4.80	52.50	122.50	38.43	14.83
Russia	7.78	73.61	0.33	17.00	40.00	34.49	7.23
Ukraine	1.59	29.17	0.10	2.50	8.70	21.01	1.15
Major Importers 6/	182.08	202.53	121.24	36.59	297.20	12.74	195.92
Bangladesh	1.26	1.20	6.80	0.30	7.40	0.00	1.86
Brazil	1.06	5.20	7.20	0.50	12.10	0.42	0.94
China	139.77	133.59	5.38	19.00	126.00	1.05	151.68
Japan	1.08	1.10	5.68	0.65	6.37	0.29	1.20
N. Africa 7/	15.53	18.40	27.71	1.85	46.25	1.06	14.33
Nigeria	0.20	0.06	5.25	0.05	4.90	0.40	0.21
Sel. Mideast 8/	11.91	22.18	17.66	3.60	38.44	0.78	12.54
Southeast Asia 9/	5.44	0.00	25.83	7.44	24.89	1.14	5.25
Selected Other							
India	16.99	103.60	0.02	6.00	96.11	0.51	23.99
Kazakhstan	1.68	11.45	0.55	1.50	6.30	6.70	0.69

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)

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Sep	299.78	770.49	185.29	134.62	750.90	189.44	319.37
	Oct	299.40	773.08	186.23	134.60	751.03	189.92	321.45
World Less China	Sep	148.10	634.49	178.29	114.62	620.90	188.44	155.69
	Oct	147.71	637.08	178.73	114.60	621.03	188.92	157.27
United States	Sep	28.41	50.01	3.54	2.45	30.24	26.54	25.19
	Oct	27.98	49.69	3.40	2.72	30.51	26.54	24.03
Total Foreign	Sep	271.37	720.48	181.75	132.18	720.67	162.90	294.18
	Oct	271.42	723.39	182.83	131.88	720.52	163.39	297.43
Major Exporters 4/	Sep	33.66	325.15	6.73	76.35	189.95	138.50	37.09
	Oct	33.43	327.75	6.73	76.05	189.85	139.00	39.06
Argentina	Sep	1.69	19.50	0.01	0.05	6.05	13.50	1.64
	Oct	1.70	19.00	0.01	0.05	6.05	13.00	1.66
Australia	Sep	3.49	28.50	0.20	4.00	7.50	19.00	5.69
	Oct	3.49	28.50	0.20	4.00	7.50	19.00	5.69
Canada	Sep	5.03	36.00	0.45	4.80	10.00	25.00	6.48
	Oct	5.03	35.00	0.45	4.50	9.70	25.00	5.78
European Union 5/	Sep	14.83	136.15	5.50	47.50	117.30	25.50	13.68
	Oct	14.83	136.75	5.50	47.50	117.50	25.50	14.08
Russia	Sep	7.48	78.00	0.50	17.50	40.50	37.50	7.98
	Oct	7.23	83.00	0.50	18.00	41.00	39.00	10.73
Ukraine	Sep	1.15	27.00	0.08	2.50	8.60	18.00	1.62
	Oct	1.15	25.50	0.08	2.00	8.10	17.50	1.12
Major Importers 6/	Sep	195.80	205.32	121.20	36.76	302.95	12.71	206.65
	Oct	195.92	205.41	122.00	36.76	303.00	12.71	207.61
Bangladesh	Sep	1.81	1.25	6.60	0.30	7.50	0.00	2.16
	Oct	1.86	1.25	6.60	0.30	7.50	0.00	2.21
Brazil	Sep	0.94	6.60	6.70	0.50	12.20	0.70	1.34
	Oct	0.94	6.60	6.70	0.50	12.20	0.70	1.34
China	Sep	151.68	136.00	7.00	20.00	130.00	1.00	163.68
	Oct	151.68	136.00	7.50	20.00	130.00	1.00	164.18
Japan	Sep	1.24	0.87	5.60	0.60	6.25	0.28	1.18
	Oct	1.20	1.10	5.60	0.60	6.30	0.28	1.32
N. Africa 7/	Sep	14.23	16.78	29.60	1.75	46.95	0.99	12.67
	Oct	14.33	16.64	29.90	1.75	46.95	0.99	12.93
Nigeria	Sep	0.20	0.06	5.10	0.05	4.76	0.40	0.20
	Oct	0.21	0.06	5.10	0.05	4.76	0.40	0.21
Sel. Mideast 8/	Sep	12.54	22.18	18.25	3.62	39.40	0.67	12.90
	Oct	12.54	22.18	18.25	3.62	39.40	0.67	12.90
Southeast Asia 9/	Sep	5.25	0.00	26.35	6.94	24.74	1.07	5.79
	Oct	5.25	0.00	26.35	6.94	24.74	1.07	5.79
Selected Other								
India	Sep	23.99	107.59	0.03	6.50	99.50	1.00	31.11
	Oct	23.99	107.59	0.03	6.50	99.50	1.00	31.11
Kazakhstan	Sep	0.69	12.50	0.20	1.40	6.20	6.30	0.89
	Oct	0.69	12.50	0.20	1.40	6.20	6.30	0.89

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.

WASDE - 605 - 20

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

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	370.08	1,397.56	192.87	851.47	1,420.73	212.01	346.90
World Less China	147.10	1,133.60	182.33	656.02	1,133.72	211.94	136.50
United States	57.92	377.90	2.63	143.10	323.02	54.97	60.47
Total Foreign	312.16	1,019.65	190.24	708.37	1,097.72	157.04	286.43
Major Exporters 4/	27.12	293.19	5.65	127.89	172.29	134.02	19.64
Argentina	3.37	59.22	0.01	12.28	18.09	40.89	3.61
Australia	2.29	11.51	0.01	5.29	7.30	4.08	2.43
Brazil	9.71	104.33	2.32	59.95	70.98	39.72	5.65
Canada	4.57	26.20	2.62	16.19	24.12	5.97	3.30
Russia	1.37	35.00	0.05	18.80	27.37	7.84	1.22
Ukraine	2.91	44.50	0.06	8.33	11.36	34.07	2.05
Major Importers 5/	39.27	243.75	143.27	294.72	379.42	10.33	36.55
European Union 6/	15.67	148.32	26.49	126.00	168.19	8.83	13.46
Japan	1.80	0.18	17.73	13.84	17.95	0.00	1.75
Mexico	6.18	33.40	17.36	31.27	50.51	0.72	5.71
N. Afr & Mideast 7/	7.76	31.08	38.82	61.98	70.10	0.10	7.46
Saudi Arabia	2.63	0.29	10.17	10.75	11.13	0.00	1.97
Southeast Asia 8/	2.56	30.19	17.14	37.99	45.82	0.68	3.38
South Korea	1.86	0.21	10.96	8.60	11.18	0.00	1.85
Selected Other							
China	222.98	263.96	10.54	195.45	287.01	0.07	210.40
2019/20 Est.							
World 3/	346.90	1,410.72	202.34	879.31	1,425.20	207.01	332.42
World Less China	136.50	1,142.52	185.92	679.69	1,131.43	206.95	131.23
United States	60.47	359.43	3.11	152.83	318.77	50.51	53.74
Total Foreign	286.43	1,051.29	199.23	726.49	1,106.43	156.51	278.68
Major Exporters 4/	19.64	306.54	4.41	134.96	179.31	129.21	22.08
Argentina	3.61	58.13	0.01	12.17	17.78	41.01	2.96
Australia	2.43	10.44	0.01	5.00	6.97	3.52	2.38
Brazil	5.65	105.57	1.90	62.01	73.14	34.01	5.97
Canada	3.30	28.62	2.13	18.01	25.05	5.05	3.95
Russia	1.22	40.50	0.19	22.19	31.29	8.76	1.86
Ukraine	2.05	46.55	0.03	8.69	11.81	34.35	2.46
Major Importers 5/	36.55	256.72	143.99	299.60	385.89	15.09	36.27
European Union 6/	13.46	161.31	19.68	124.35	167.66	13.37	13.42
Japan	1.75	0.22	17.72	13.96	18.03	0.00	1.66
Mexico	5.71	31.91	17.99	31.25	50.68	1.00	3.93
N. Afr & Mideast 7/	7.46	33.33	41.92	66.00	74.30	0.12	8.30
Saudi Arabia	1.97	0.27	12.01	11.55	11.91	0.00	2.34
Southeast Asia 8/	3.38	29.40	18.70	38.94	46.98	0.60	3.90
South Korea	1.85	0.20	11.69	9.24	11.82	0.00	1.92
Selected Other							
China	210.40	268.20	16.42	199.62	293.77	0.06	201.19

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, South Africa, 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)

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Sep	337.64	1,460.26	215.86	900.40	1,460.66	224.09	337.25
	Oct	332.42	1,458.84	214.53	899.01	1,460.67	222.87	330.59
World Less China	Sep	136.26	1,192.89	197.41	698.90	1,162.98	224.02	147.80
	Oct	131.23	1,191.47	195.78	697.21	1,162.69	222.80	141.33
United States	Sep	60.43	392.63	2.72	151.98	323.34	65.81	66.64
	Oct	53.74	388.20	2.69	150.58	320.68	65.83	58.13
Total Foreign	Sep	277.21	1,067.63	213.13	748.42	1,137.31	158.28	270.61
	Oct	278.68	1,070.64	211.84	748.43	1,140.00	157.04	272.47
Major Exporters 4/	Sep	21.96	318.34	4.15	136.84	182.26	135.86	26.33
	Oct	22.08	316.20	4.15	137.73	183.07	133.46	25.89
Argentina	Sep	2.92	56.37	0.01	13.11	18.75	37.01	3.54
	Oct	2.96	56.66	0.01	13.39	19.05	37.01	3.57
Australia	Sep	2.38	14.26	0.00	6.08	8.15	5.35	3.14
	Oct	2.38	14.26	0.00	6.08	8.15	5.35	3.14
Brazil	Sep	5.97	113.41	2.20	63.08	74.22	39.01	8.35
	Oct	5.97	113.41	2.20	63.08	74.22	39.01	8.35
Canada	Sep	3.71	29.17	1.76	17.37	25.15	5.40	4.08
	Oct	3.95	29.60	1.76	17.47	25.25	5.70	4.36
Russia	Sep	2.22	41.63	0.07	22.83	32.03	9.18	2.71
	Oct	1.86	41.93	0.07	22.83	32.03	9.48	2.35
Ukraine	Sep	2.26	48.90	0.02	7.70	10.98	37.61	2.58
	Oct	2.46	45.70	0.02	8.20	11.38	34.61	2.18
Major Importers 5/	Sep	34.87	260.03	154.30	314.82	402.84	10.32	36.03
	Oct	36.27	260.48	153.12	313.52	401.39	10.42	38.06
European Union 6/	Sep	13.42	161.66	25.29	132.70	177.15	8.74	14.47
	Oct	13.42	161.93	24.26	131.40	175.85	8.84	14.91
Japan	Sep	1.83	0.20	17.67	13.75	17.87	0.00	1.83
	Oct	1.66	0.25	17.62	13.86	17.93	0.00	1.60
Mexico	Sep	2.43	33.60	18.75	31.87	51.30	0.90	2.58
	Oct	3.93	33.59	18.75	31.86	51.29	0.90	4.08
N. Afr & Mideast 7/	Sep	8.28	33.77	45.26	70.09	78.72	0.12	8.47
	Oct	8.30	33.81	44.26	69.19	77.72	0.12	8.53
Saudi Arabia	Sep	2.24	0.27	11.71	11.55	11.91	0.00	2.31
	Oct	2.34	0.27	12.21	12.05	12.41	0.00	2.41
Southeast Asia 8/	Sep	3.94	30.25	19.33	41.05	49.22	0.56	3.74
	Oct	3.90	30.35	19.73	41.35	49.52	0.56	3.89
South Korea	Sep	1.92	0.20	11.91	9.45	12.09	0.00	1.95
	Oct	1.92	0.20	11.91	9.45	12.09	0.00	1.95
Selected Other								
China	Sep	201.38	267.38	18.45	201.50	297.68	0.07	189.45
	Oct	201.19	267.38	18.75	201.80	297.98	0.07	189.26

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, South Africa, 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)**

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	340.60	1,123.37	163.16	702.46	1,144.16	181.06	319.81
World Less China	118.07	866.19	158.67	511.46	870.16	181.04	109.65
United States	54.37	364.26	0.71	137.91	310.45	52.48	56.41
Total Foreign	286.23	759.11	162.45	564.55	833.71	128.58	263.40
Major Exporters 4/	16.16	211.04	2.25	86.30	108.00	111.47	9.98
Argentina	2.41	51.00	0.01	9.70	13.80	37.24	2.37
Brazil	9.32	101.00	1.66	57.00	67.00	39.68	5.29
Russia	0.20	11.42	0.04	7.60	8.50	2.77	0.38
South Africa	2.67	11.82	0.51	7.00	12.50	1.45	1.06
Ukraine	1.57	35.81	0.04	5.00	6.20	30.32	0.89
Major Importers 5/	23.25	129.11	99.46	169.43	224.57	5.03	22.22
Egypt	1.85	6.80	9.37	13.70	16.20	0.00	1.81
European Union 6/	9.16	64.41	25.25	67.00	87.50	3.63	7.69
Japan	1.39	0.00	16.05	12.30	16.00	0.00	1.45
Mexico	5.65	27.60	16.66	25.90	44.10	0.72	5.09
Southeast Asia 7/	2.54	30.14	16.76	37.70	45.40	0.68	3.37
South Korea	1.85	0.08	10.86	8.56	10.95	0.00	1.84
Selected Other							0.00
Canada	2.42	13.89	2.56	9.30	15.09	1.80	1.98
China	222.53	257.17	4.48	191.00	274.00	0.02	210.16
2019/20 Est.							
World 3/	319.81	1,116.34	167.09	714.23	1,131.92	170.56	304.24
World Less China	109.65	855.56	160.09	522.23	854.92	170.54	103.31
United States	56.41	345.96	1.06	148.02	307.58	45.17	50.68
Total Foreign	263.40	770.38	166.02	566.21	824.33	125.39	253.55
Major Exporters 4/	9.98	219.41	1.28	89.20	111.15	107.90	11.62
Argentina	2.37	51.00	0.01	9.50	13.50	38.00	1.87
Brazil	5.29	102.00	1.20	59.00	69.00	34.00	5.49
Russia	0.38	14.28	0.05	8.70	9.70	4.20	0.80
South Africa	1.06	16.25	0.00	6.80	12.60	2.50	2.21
Ukraine	0.89	35.89	0.02	5.20	6.35	29.20	1.25
Major Importers 5/	22.22	129.08	96.22	164.90	220.85	6.41	20.26
Egypt	1.81	6.40	10.60	14.60	17.10	0.01	1.70
European Union 6/	7.69	66.68	19.00	60.20	81.40	4.80	7.17
Japan	1.45	0.00	16.00	12.40	16.05	0.00	1.40
Mexico	5.09	26.50	17.00	26.00	44.20	1.00	3.39
Southeast Asia 7/	3.37	29.35	17.82	38.20	46.05	0.60	3.89
South Korea	1.84	0.07	11.60	9.20	11.60	0.00	1.91
Selected Other							0.00
Canada	1.98	13.40	2.05	9.20	14.20	0.71	2.53
China	210.16	260.78	7.00	192.00	277.00	0.02	200.92

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)

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Sep	309.15	1,162.38	179.34	733.11	1,164.74	186.03	306.79
	Oct	304.24	1,158.82	177.81	731.31	1,162.60	184.47	300.45
World Less China	Sep	108.08	902.38	172.34	541.11	885.74	186.01	117.75
	Oct	103.31	898.82	170.81	539.31	883.60	184.45	111.55
United States	Sep	57.23	378.47	0.64	147.96	313.70	59.06	63.57
	Oct	50.68	373.95	0.64	146.69	311.16	59.06	55.04
Total Foreign	Sep	251.92	783.91	178.71	585.15	851.03	126.97	243.23
	Oct	253.55	784.87	177.17	584.62	851.43	125.41	245.41
Major Exporters 4/	Sep	11.42	227.50	1.56	91.80	113.80	111.70	14.98
	Oct	11.62	225.50	1.56	92.40	114.40	109.70	14.58
Argentina	Sep	1.87	50.00	0.01	11.00	15.00	34.00	2.88
	Oct	1.87	50.00	0.01	11.00	15.00	34.00	2.88
Brazil	Sep	5.49	110.00	1.50	60.00	70.00	39.00	7.99
	Oct	5.49	110.00	1.50	60.00	70.00	39.00	7.99
Russia	Sep	0.80	15.00	0.04	9.90	11.00	3.90	0.94
	Oct	0.80	15.00	0.04	9.90	11.00	3.90	0.94
South Africa	Sep	2.21	14.00	0.00	6.60	12.30	2.30	1.61
	Oct	2.21	14.00	0.00	6.60	12.30	2.30	1.61
Ukraine	Sep	1.05	38.50	0.02	4.30	5.50	32.50	1.56
	Oct	1.25	36.50	0.02	4.90	6.10	30.50	1.16
Major Importers 5/	Sep	18.91	131.06	104.65	174.45	231.50	4.17	18.94
	Oct	20.26	130.96	104.05	173.35	230.35	3.97	20.95
Egypt	Sep	1.70	6.40	11.00	14.80	17.30	0.01	1.79
	Oct	1.70	6.40	11.00	14.80	17.30	0.01	1.79
European Union 6/	Sep	7.23	66.30	25.00	66.50	88.50	2.70	7.33
	Oct	7.17	66.10	24.00	65.00	87.00	2.50	7.77
Japan	Sep	1.44	0.00	16.00	12.30	16.00	0.00	1.45
	Oct	1.40	0.00	16.00	12.40	16.05	0.00	1.35
Mexico	Sep	1.89	28.00	18.30	27.00	45.25	0.90	2.04
	Oct	3.39	28.00	18.30	27.00	45.25	0.90	3.54
Southeast Asia 7/	Sep	3.93	30.20	18.25	40.10	48.10	0.56	3.72
	Oct	3.89	30.30	18.65	40.40	48.40	0.56	3.88
South Korea	Sep	1.91	0.08	11.80	9.40	11.85	0.00	1.93
	Oct	1.91	0.08	11.80	9.40	11.85	0.00	1.93
Selected Other								
Canada	Sep	2.28	14.00	1.70	9.60	14.80	1.00	2.18
	Oct	2.53	14.00	1.70	9.60	14.80	1.00	2.43
China	Sep	201.07	260.00	7.00	192.00	279.00	0.02	189.05
	Oct	200.92	260.00	7.00	192.00	279.00	0.02	188.90

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)**

2018/19	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	164.17	496.71	43.72	484.30	43.72	176.58
World Less China	55.17	348.22	40.52	341.38	40.95	61.58
United States	0.93	7.11	0.92	4.57	2.97	1.42
Total Foreign	163.24	489.60	42.80	479.73	40.75	175.16
Major Exporters 4/	28.88	184.66	0.76	145.71	31.76	36.84
Burma	0.81	13.20	0.01	10.25	2.70	1.07
India	22.60	116.48	0.00	99.16	10.42	29.50
Pakistan	1.42	7.30	0.00	3.30	4.49	0.93
Thailand	3.01	20.34	0.25	11.80	7.56	4.24
Vietnam	1.03	27.34	0.50	21.20	6.58	1.10
Major Importers 5/	122.58	239.15	17.11	247.82	3.18	127.83
China	109.00	148.49	3.20	142.92	2.77	115.00
European Union 6/	1.18	1.97	2.15	3.80	0.30	1.19
Indonesia	5.56	34.20	0.60	36.30	0.00	4.06
Nigeria	1.58	4.54	1.90	6.80	0.00	1.22
Philippines	2.29	11.73	3.60	14.10	0.00	3.52
Sel. Mideast 7/	0.90	2.01	3.91	5.90	0.00	0.91
Selected Other						0.00
Brazil	0.59	7.14	0.75	7.35	0.88	0.25
C. Amer & Carib 8/	0.63	1.65	1.79	3.37	0.04	0.67
Egypt	1.56	2.80	0.81	4.20	0.02	0.95
Japan	2.22	7.66	0.63	8.40	0.07	2.05
Mexico	0.15	0.19	0.74	0.92	0.03	0.14
South Korea	1.56	3.87	0.29	4.57	0.05	1.09

2019/20 Est.

World 3/	176.58	495.78	40.51	495.25	42.30	177.11
World Less China	61.58	349.05	38.11	350.22	39.70	60.61
United States	1.42	5.86	1.19	4.57	2.99	0.91
Total Foreign	175.16	489.92	39.33	490.68	39.31	176.20
Major Exporters 4/	36.84	183.13	0.66	152.68	30.40	37.55
Burma	1.07	12.70	0.01	10.35	2.30	1.13
India	29.50	118.43	0.00	105.93	12.00	30.00
Pakistan	0.93	7.20	0.00	3.30	4.00	0.83
Thailand	4.24	17.66	0.25	12.00	5.50	4.64
Vietnam	1.10	27.15	0.40	21.10	6.60	0.95
Major Importers 5/	127.83	239.12	13.23	249.53	2.96	127.69
China	115.00	146.73	2.40	145.03	2.60	116.50
European Union 6/	1.19	1.98	2.30	4.00	0.30	1.17
Indonesia	4.06	34.00	0.55	35.50	0.00	3.11
Nigeria	1.22	5.04	1.00	6.55	0.00	0.71
Philippines	3.52	11.93	2.45	14.30	0.00	3.60
Sel. Mideast 7/	0.91	2.34	3.45	5.85	0.00	0.85
Selected Other						0.00
Brazil	0.25	7.60	0.85	7.20	1.10	0.40
C. Amer & Carib 8/	0.67	1.46	1.89	3.32	0.04	0.65
Egypt	0.95	4.30	0.27	4.30	0.02	1.20
Japan	2.05	7.61	0.69	8.35	0.07	1.92
Mexico	0.14	0.17	0.83	0.95	0.01	0.18
South Korea	1.09	3.74	0.48	4.10	0.06	1.16

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)

2020/21 Proj.		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Sep	181.68	499.58	42.21	496.42	44.50	184.83
	Oct	177.11	501.47	41.85	499.44	44.32	179.15
World Less China	Sep	65.18	352.58	40.01	350.12	41.60	68.33
	Oct	60.61	354.47	39.65	353.14	41.42	62.65
United States	Sep	0.91	7.14	1.17	4.62	3.14	1.46
	Oct	0.91	7.19	1.18	4.62	3.14	1.52
Total Foreign	Sep	180.77	492.43	41.04	491.80	41.35	183.38
	Oct	176.20	494.29	40.67	494.82	41.17	177.63
Major Exporters 4/	Sep	42.25	185.10	0.61	150.40	32.30	45.26
	Oct	37.55	186.10	0.61	153.10	32.10	39.06
Burma	Sep	1.13	13.00	0.01	10.60	2.20	1.34
	Oct	1.13	12.90	0.01	10.50	2.20	1.34
India	Sep	35.00	119.00	0.00	104.00	12.00	38.00
	Oct	30.00	120.00	0.00	106.00	12.50	31.50
Pakistan	Sep	0.73	7.50	0.00	3.10	4.30	0.83
	Oct	0.83	7.60	0.00	3.40	4.10	0.93
Thailand	Sep	4.44	18.60	0.20	11.50	7.50	4.24
	Oct	4.64	18.60	0.20	12.00	7.00	4.44
Vietnam	Sep	0.95	27.00	0.40	21.20	6.30	0.85
	Oct	0.95	27.00	0.40	21.20	6.30	0.85
Major Importers 5/	Sep	127.79	239.59	14.20	251.20	3.26	127.12
	Oct	127.69	240.29	13.85	251.25	3.27	127.31
China	Sep	116.50	147.00	2.20	146.30	2.90	116.50
	Oct	116.50	147.00	2.20	146.30	2.90	116.50
European Union 6/	Sep	1.17	1.99	2.35	4.10	0.30	1.10
	Oct	1.17	1.99	2.35	4.10	0.32	1.09
Indonesia	Sep	3.11	34.90	0.50	35.40	0.00	3.11
	Oct	3.11	34.90	0.50	35.40	0.00	3.11
Nigeria	Sep	0.71	5.04	1.20	6.40	0.00	0.55
	Oct	0.71	5.04	1.20	6.40	0.00	0.55
Philippines	Sep	3.60	11.00	3.00	14.40	0.00	3.20
	Oct	3.60	11.70	2.60	14.40	0.00	3.50
Sel. Mideast 7/	Sep	0.85	2.27	3.65	6.00	0.00	0.76
	Oct	0.85	2.27	3.70	6.05	0.00	0.76
Selected Other							
Brazil	Sep	0.31	7.34	0.80	7.20	0.90	0.35
	Oct	0.40	7.48	0.80	7.20	0.90	0.58
C. Amer & Carib 8/	Sep	0.64	1.55	1.90	3.41	0.03	0.64
	Oct	0.65	1.55	1.90	3.41	0.03	0.66
Egypt	Sep	1.13	4.30	0.25	4.50	0.02	1.16
	Oct	1.20	4.00	0.25	4.30	0.02	1.13
Japan	Sep	1.97	7.65	0.69	8.25	0.08	1.98
	Oct	1.92	7.62	0.69	8.25	0.08	1.90
Mexico	Sep	0.15	0.19	0.80	0.95	0.01	0.19
	Oct	0.18	0.19	0.80	0.97	0.01	0.20
South Korea	Sep	1.16	3.86	0.45	4.00	0.06	1.41
	Oct	1.16	3.86	0.45	4.00	0.06	1.41

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)**

2018/19	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	80.93	118.58	42.32	120.18	41.41	0.04	80.20
World Less China	42.94	90.83	32.68	80.68	41.20	0.04	44.53
United States	4.20	18.37	3/	2.98	14.84	-0.09	4.85
Total Foreign	76.73	100.21	42.32	117.21	26.57	0.14	75.35
Major Exporters 4/	26.93	54.54	2.48	33.02	22.33	0.02	28.57
Central Asia 5/	2.67	5.44	3/	3.80	2.04	0.00	2.28
Afr. Fr. Zone 6/	1.61	5.43	3/	0.17	5.47	0.00	1.41
S. Hemis. 7/	13.19	17.24	0.18	4.39	10.86	0.01	15.34
Australia	3.04	2.20	3/	0.04	3.63	0.00	1.57
Brazil	8.66	13.00	0.02	3.40	6.02	0.00	12.26
India	9.23	25.80	1.80	24.00	3.52	0.00	9.30
Major Importers 8/	47.95	42.69	37.29	80.01	3.01	0.11	44.81
Mexico	0.66	1.74	0.85	2.00	0.52	0.03	0.69
China	37.99	27.75	9.64	39.50	0.21	0.00	35.67
European Union 9/	0.30	1.71	0.64	0.69	1.72	0.03	0.22
Turkey	1.78	3.75	3.50	6.90	0.48	0.00	1.64
Pakistan	2.83	7.60	2.85	10.70	0.06	0.03	2.50
Indonesia	0.63	3/	3.05	3.15	0.01	0.00	0.53
Thailand	0.20	3/	1.08	1.08	0.00	0.03	0.18
Bangladesh	1.86	0.14	7.00	7.20	0.00	0.01	1.78
Vietnam	1.29	3/	6.94	7.00	0.00	0.00	1.23
2019/20 Est.							
World	80.20	121.83	40.09	102.05	40.89	-0.03	99.21
World Less China	44.53	94.58	32.95	69.05	40.73	-0.03	62.31
United States	4.85	19.91	3/	2.15	15.53	-0.16	7.25
Total Foreign	75.35	101.92	40.08	99.90	25.36	0.13	91.96
Major Exporters 4/	28.57	58.25	2.88	28.27	20.98	0.02	40.42
Central Asia 5/	2.28	5.96	3/	3.94	1.58	0.00	2.72
Afr. Fr. Zone 6/	1.41	5.91	3/	0.14	4.64	0.00	2.53
S. Hemis. 7/	15.34	16.43	0.15	3.59	11.28	0.01	17.03
Australia	1.57	0.63	3/	0.04	1.36	0.00	0.80
Brazil	12.26	13.45	0.01	2.70	8.94	0.00	14.07
India	9.30	29.50	2.28	20.00	3.20	0.00	17.88
Major Importers 8/	44.81	40.62	34.84	68.00	3.09	0.11	49.07
Mexico	0.69	1.57	0.59	1.50	0.66	0.03	0.67
China	35.67	27.25	7.14	33.00	0.16	0.00	36.90
European Union 9/	0.22	2.00	0.58	0.60	1.82	0.03	0.35
Turkey	1.64	3.45	4.58	6.60	0.36	0.00	2.71
Pakistan	2.50	6.20	3.98	9.20	0.06	0.03	3.39
Indonesia	0.53	3/	2.51	2.50	0.00	0.00	0.54
Thailand	0.18	3/	0.70	0.70	0.00	0.03	0.15
Bangladesh	1.78	0.14	7.00	6.50	0.00	0.01	2.42
Vietnam	1.23	3/	6.48	6.10	0.00	0.00	1.61

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)**

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Sep	99.44	117.20	41.75	112.69	41.72	0.15	103.84
	Oct	99.21	116.27	42.23	114.21	42.24	0.13	101.13
World Less China	Sep	62.54	89.95	32.75	76.19	41.60	0.15	67.32
	Oct	62.31	89.02	32.73	76.71	42.11	0.13	65.11
United States	Sep	7.25	17.06	3/	2.50	14.60	0.02	7.20
	Oct	7.25	17.05	3/	2.50	14.60	0.00	7.20
Total Foreign	Sep	92.19	100.14	41.75	110.19	27.12	0.13	96.64
	Oct	91.96	99.23	42.23	111.71	27.64	0.13	93.93
Major Exporters 4/	Sep	40.59	57.88	1.71	31.33	23.35	0.02	45.48
	Oct	40.42	57.40	1.71	31.83	23.87	0.02	43.81
Central Asia 5/	Sep	2.72	5.67	3/	4.14	1.41	0.00	2.85
	Oct	2.72	5.72	3/	4.14	1.51	0.00	2.80
Afr. Fr. Zone 6/	Sep	2.53	5.53	3/	0.14	5.06	0.00	2.86
	Oct	2.53	5.00	3/	0.14	4.98	0.00	2.41
S. Hemis. 7/	Sep	17.22	16.33	0.16	3.92	11.62	0.01	18.16
	Oct	17.03	16.33	0.16	3.92	12.12	0.01	17.47
Australia	Sep	0.80	2.10	3/	0.04	1.30	0.00	1.57
	Oct	0.80	2.10	3/	0.04	1.30	0.00	1.57
Brazil	Sep	14.02	12.00	0.03	3.00	9.20	0.00	13.85
	Oct	14.07	12.00	0.03	3.00	9.70	0.00	13.40
India	Sep	17.86	30.00	1.00	22.50	5.00	0.00	21.36
	Oct	17.88	30.00	1.00	23.00	5.00	0.00	20.88
Major Importers 8/	Sep	49.08	39.21	37.47	74.92	2.39	0.11	48.33
	Oct	49.07	38.66	37.97	75.93	2.35	0.11	47.32
Mexico	Sep	0.76	1.05	0.60	1.60	0.20	0.03	0.59
	Oct	0.67	1.05	0.60	1.60	0.20	0.03	0.49
China	Sep	36.90	27.25	9.00	36.50	0.13	0.00	36.52
	Oct	36.90	27.25	9.50	37.50	0.13	0.00	36.02
European Union 9/	Sep	0.40	1.76	0.60	0.66	1.65	0.03	0.42
	Oct	0.35	1.61	0.60	0.67	1.60	0.03	0.27
Turkey	Sep	2.71	2.80	4.30	7.00	0.33	0.00	2.49
	Oct	2.71	2.80	4.30	7.00	0.33	0.00	2.49
Pakistan	Sep	3.22	6.20	3.80	10.00	0.08	0.03	3.12
	Oct	3.39	5.80	3.80	10.00	0.08	0.03	2.89
Indonesia	Sep	0.58	3/	2.90	2.90	0.01	0.00	0.58
	Oct	0.54	3/	2.90	2.90	0.01	0.00	0.54
Thailand	Sep	0.15	3/	0.85	0.83	0.00	0.03	0.15
	Oct	0.15	3/	0.85	0.83	0.00	0.03	0.15
Bangladesh	Sep	2.42	0.15	7.30	7.30	0.00	0.01	2.55
	Oct	2.42	0.15	7.30	7.30	0.00	0.01	2.55
Vietnam	Sep	1.61	3/	6.80	6.80	0.00	0.00	1.61
	Oct	1.61	3/	6.80	6.80	0.00	0.00	1.61

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)**

2018/19		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		98.75	361.06	145.10	297.86	343.45	148.42	113.04
World Less China		75.68	345.10	62.56	212.86	241.45	148.30	93.59
United States		11.92	120.52	0.38	56.94	60.40	47.68	24.74
Total Foreign		86.82	240.55	144.72	240.92	283.04	100.74	88.30
Major Exporters 3/		56.95	186.34	6.56	86.79	96.53	91.35	61.98
Argentina		23.73	55.30	6.41	40.57	47.45	9.10	28.89
Brazil		32.70	119.70	0.14	42.53	45.18	74.59	32.77
Paraguay		0.51	8.51	0.01	3.62	3.82	4.90	0.32
Major Importers 4/		25.67	19.84	115.02	113.03	138.08	0.32	22.13
China		23.06	15.97	82.54	85.00	102.00	0.12	19.46
European Union		1.40	2.67	14.98	15.60	17.26	0.18	1.61
Southeast Asia		0.84	0.66	8.31	3.81	9.08	0.02	0.71
Mexico		0.17	0.34	5.87	6.15	6.20	0.00	0.18
2019/20 Est.								
World 2/		113.04	336.59	162.96	308.71	354.26	164.58	93.75
World Less China		93.59	318.49	65.56	217.21	245.06	164.49	68.09
United States		24.74	96.67	0.42	58.91	61.96	45.62	14.25
Total Foreign		88.30	239.92	162.54	249.80	292.30	118.96	79.51
Major Exporters 3/		61.98	186.89	5.22	87.23	96.77	110.30	47.02
Argentina		28.89	49.00	4.65	39.15	46.14	10.00	26.40
Brazil		32.77	126.00	0.55	44.25	46.50	92.48	20.34
Paraguay		0.32	9.90	0.02	3.75	4.05	5.90	0.29
Major Importers 4/		22.13	21.77	131.71	120.90	146.76	0.31	28.54
China		19.46	18.10	97.40	91.50	109.20	0.09	25.66
European Union		1.61	2.62	15.60	16.20	17.91	0.20	1.71
Southeast Asia		0.71	0.61	9.32	4.50	9.82	0.02	0.80
Mexico		0.18	0.24	6.00	6.20	6.25	0.00	0.16
2020/21 Proj.								
World 2/	Sep	96.01	369.74	163.25	320.80	369.07	166.34	93.59
	Oct	93.75	368.47	164.95	322.42	370.59	167.88	88.70
World Less China	Sep	68.75	352.24	64.25	222.80	252.67	166.24	66.33
	Oct	68.09	350.97	64.95	223.42	253.19	167.78	63.04
United States	Sep	15.64	117.38	0.41	59.33	63.07	57.83	12.52
	Oct	14.25	116.15	0.41	59.33	63.03	59.87	7.90
Total Foreign	Sep	80.37	252.37	162.84	261.47	306.00	108.50	81.07
	Oct	79.51	252.32	164.54	263.09	307.56	108.00	80.80
Major Exporters 3/	Sep	46.12	198.84	4.41	91.38	101.53	100.82	47.02
	Oct	47.02	198.84	4.41	91.38	101.52	100.32	48.44
Argentina	Sep	26.40	53.50	4.00	42.00	49.20	7.50	27.20
	Oct	26.40	53.50	4.00	42.00	49.20	7.00	27.70
Brazil	Sep	19.43	133.00	0.40	45.50	48.15	85.00	19.68
	Oct	20.34	133.00	0.40	45.50	48.14	85.00	20.60
Paraguay	Sep	0.29	10.25	0.01	3.80	4.10	6.30	0.14
	Oct	0.29	10.25	0.01	3.80	4.10	6.30	0.14
Major Importers 4/	Sep	30.34	21.48	132.78	127.19	154.07	0.38	30.16
	Oct	28.54	21.43	134.19	128.54	155.40	0.38	28.38
China	Sep	27.26	17.50	99.00	98.00	116.40	0.10	27.26
	Oct	25.66	17.50	100.00	99.00	117.40	0.10	25.66
European Union	Sep	1.96	2.80	14.90	15.90	17.63	0.25	1.79
	Oct	1.71	2.75	14.90	15.90	17.61	0.25	1.50
Southeast Asia	Sep	0.76	0.60	9.37	4.37	9.92	0.03	0.78
	Oct	0.80	0.60	9.78	4.72	10.27	0.03	0.88
Mexico	Sep	0.16	0.35	6.10	6.40	6.47	0.00	0.14
	Oct	0.16	0.35	6.10	6.40	6.47	0.00	0.14

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)**

2018/19		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		13.50	233.43	62.03	229.89	67.28	11.78
World Less China		13.50	166.11	62.01	163.48	66.35	11.78
United States		0.50	44.28	0.62	32.85	12.19	0.37
Total Foreign		12.99	189.14	61.41	197.04	55.09	11.42
Major Exporters 3/		6.99	71.84	0.10	26.05	47.11	5.76
Argentina		2.48	31.20	0.03	3.13	28.83	1.74
Brazil		4.30	32.96	0.02	17.65	16.09	3.54
India		0.22	7.68	0.05	5.28	2.18	0.48
Major Importers 4/		1.63	22.02	38.88	60.21	0.59	1.74
European Union		0.26	12.32	18.76	30.39	0.37	0.58
Mexico		0.04	4.86	1.84	6.58	0.01	0.15
Southeast Asia 5/		1.21	2.98	16.69	19.77	0.20	0.91
2019/20 Est.							
World 2/		11.78	242.51	62.65	240.79	66.25	9.90
World Less China		11.78	170.04	62.60	169.31	65.21	9.90
United States		0.37	46.29	0.56	34.25	12.61	0.36
Total Foreign		11.42	196.22	62.09	206.54	53.64	9.54
Major Exporters 3/		5.76	71.17	0.04	27.06	45.22	4.69
Argentina		1.74	30.10	0.00	3.28	26.70	1.86
Brazil		3.54	34.35	0.01	18.06	17.52	2.32
India		0.48	6.72	0.03	5.72	1.00	0.51
Major Importers 4/		1.74	23.10	38.88	61.84	0.57	1.31
European Union		0.58	12.80	17.90	30.69	0.35	0.23
Mexico		0.15	4.90	1.93	6.90	0.01	0.07
Southeast Asia 5/		0.91	3.51	17.35	20.66	0.21	0.91
2020/21 Proj.							
World 2/	Sep	9.92	252.06	64.66	249.50	67.83	9.31
	Oct	9.90	253.32	64.73	250.52	67.81	9.62
World Less China	Sep	9.92	174.44	64.64	172.87	66.83	9.31
	Oct	9.90	174.91	64.72	173.10	66.81	9.62
United States	Sep	0.36	46.63	0.36	34.75	12.25	0.36
	Oct	0.36	46.63	0.36	34.75	12.25	0.36
Total Foreign	Sep	9.56	205.43	64.30	214.75	55.59	8.94
	Oct	9.54	206.69	64.37	215.78	55.56	9.26
Major Exporters 3/	Sep	4.49	75.60	0.07	27.96	47.87	4.34
	Oct	4.69	75.60	0.07	27.99	47.87	4.50
Argentina	Sep	1.86	32.33	0.00	3.40	29.00	1.79
	Oct	1.86	32.33	0.00	3.40	29.00	1.79
Brazil	Sep	2.32	35.28	0.02	18.51	16.80	2.31
	Oct	2.32	35.28	0.02	18.50	16.80	2.31
India	Sep	0.31	8.00	0.05	6.05	2.07	0.24
	Oct	0.51	8.00	0.05	6.09	2.07	0.41
Major Importers 4/	Sep	1.26	22.93	40.07	62.37	0.52	1.37
	Oct	1.31	23.21	40.17	62.53	0.52	1.63
European Union	Sep	0.18	12.56	18.75	31.02	0.30	0.17
	Oct	0.23	12.56	18.85	30.89	0.30	0.45
Mexico	Sep	0.07	5.06	2.00	7.05	0.01	0.07
	Oct	0.07	5.06	2.00	7.05	0.01	0.07
Southeast Asia 5/	Sep	0.92	3.41	17.62	20.71	0.21	1.04
	Oct	0.91	3.69	17.62	20.99	0.21	1.01

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)**

2018/19		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		3.87	55.80	10.40	54.95	11.23	3.88
World Less China		3.30	40.57	9.62	39.07	11.03	3.38
United States		0.91	10.98	0.18	10.38	0.88	0.81
Total Foreign		2.96	44.82	10.22	44.58	10.35	3.08
Major Exporters 3/		0.80	19.74	0.47	12.24	7.78	0.99
Argentina		0.27	7.91	0.00	2.57	5.26	0.35
Brazil		0.37	8.18	0.02	7.17	1.08	0.33
European Union		0.15	2.96	0.42	2.46	0.79	0.29
Major Importers 4/		1.03	18.02	6.33	23.99	0.31	1.09
China		0.57	15.23	0.78	15.89	0.20	0.50
India		0.17	1.73	3.00	4.75	0.01	0.14
North Africa 5/		0.19	0.73	1.56	2.18	0.10	0.20
2019/20 Est.							
World 2/		3.88	57.70	11.01	56.49	12.02	4.08
World Less China		3.38	41.30	10.08	39.48	11.85	3.43
United States		0.81	11.29	0.15	10.18	1.27	0.79
Total Foreign		3.08	46.41	10.87	46.30	10.75	3.30
Major Exporters 3/		0.99	19.91	0.55	12.28	8.02	1.14
Argentina		0.35	7.62	0.00	2.33	5.40	0.24
Brazil		0.33	8.50	0.07	7.39	1.16	0.35
European Union		0.29	3.08	0.48	2.52	0.80	0.52
Major Importers 4/		1.09	19.29	6.68	25.42	0.38	1.25
China		0.50	16.40	0.93	17.00	0.18	0.65
India		0.14	1.51	3.40	4.90	0.02	0.14
North Africa 5/		0.20	0.91	1.66	2.27	0.19	0.31
2020/21 Proj.							
World 2/	Sep	4.01	59.91	11.00	58.88	12.08	3.95
	Oct	4.08	60.30	10.98	59.22	12.08	4.07
World Less China	Sep	3.41	42.35	10.00	40.47	11.93	3.35
	Oct	3.43	42.56	9.88	40.53	11.93	3.42
United States	Sep	0.84	11.46	0.16	10.43	1.18	0.84
	Oct	0.79	11.46	0.16	10.43	1.18	0.80
Total Foreign	Sep	3.17	48.45	10.84	48.45	10.90	3.11
	Oct	3.30	48.84	10.82	48.79	10.90	3.27
Major Exporters 3/	Sep	1.00	20.59	0.45	12.55	8.50	0.99
	Oct	1.14	20.65	0.46	12.60	8.50	1.15
Argentina	Sep	0.20	8.10	0.00	2.30	5.80	0.20
	Oct	0.24	8.16	0.00	2.35	5.80	0.25
Brazil	Sep	0.28	8.75	0.03	7.57	1.20	0.29
	Oct	0.35	8.75	0.04	7.57	1.20	0.37
European Union	Sep	0.49	3.02	0.42	2.64	0.83	0.46
	Oct	0.52	3.02	0.42	2.64	0.83	0.50
Major Importers 4/	Sep	1.24	20.66	6.67	27.02	0.31	1.23
	Oct	1.25	20.98	6.62	27.26	0.31	1.28
China	Sep	0.60	17.56	1.00	18.41	0.15	0.60
	Oct	0.65	17.74	1.10	18.69	0.15	0.65
India	Sep	0.14	1.80	3.24	5.03	0.01	0.14
	Oct	0.14	1.80	3.14	4.93	0.01	0.14
North Africa 5/	Sep	0.31	0.87	1.64	2.32	0.16	0.34
	Oct	0.31	0.88	1.64	2.32	0.16	0.35

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>
2019	IV	7,001	7,478	14,535	11,175	1,467	12,773	27,308	2,414	54.0
	Annual	27,155	27,638	55,015	43,905	5,818	50,251	105,266	9,447	218.4
2020	I	6,929	7,426	14,407	11,237	1,469	12,841	27,248	2,349	56.1
	II	6,054	6,311	12,417	10,940	1,369	12,446	24,863	2,249	56.0
	III	7,105	7,060	14,215	11,275	1,450	12,866	27,081	2,310	55.2
	IV*	7,050	7,360	14,466	11,150	1,450	12,735	27,201	2,345	54.9
	Annual									
	Sep Proj.	27,048	28,237	55,496	44,552	5,708	50,801	106,296	9,248	222.0
Oct Proj.	27,138	28,157	55,505	44,602	5,738	50,888	106,392	9,253	222.3	
2021	I*	6,845	7,245	14,142	11,000	1,420	12,550	26,692	2,290	56.3
	II*	6,935	6,740	13,732	11,165	1,425	12,730	26,462	2,290	57.6
	III*	6,845	7,050	13,947	11,505	1,445	13,090	27,037	2,365	56.0
	Annual									
	Sep Proj.	27,355	28,445	56,018	45,020	5,770	51,330	107,348	9,375	225.4
Oct Proj.	27,365	28,510	56,092	45,060	5,770	51,370	107,462	9,390	225.5	

* 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 1/

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>
2019	IV	114.88	43.11	80.6	97.8	117.2	20.60
	Annual	116.78	47.95	88.6	89.2	94.0	18.63
2020	I	118.32	42.52	83.5	97.4	133.1	18.83
	II	105.79	38.96	67.0	103.7	119.6	15.37
	III	101.74	40.50	66.7	111.3	89.0	19.00
	IV*	109.00	51.00	66.0	112.0	125.0	18.90
	Annual						
	Sep Proj.	107.3	39.4	70.9	105.8	114.9	17.75
Oct Proj.	108.71	43.25	70.8	106.1	116.7	18.00	
2021	I*	113.00	47.00	77.0	103.0	113.0	18.05
	II*	110.00	50.00	86.0	105.0	95.0	17.15
	III*	114.00	48.00	77.0	106.0	105.0	17.05
	Annual						
	Sep Proj.	112	44	82	105	110	17.00
Oct Proj.	114	47	79	106	110	17.60	

*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		Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita	
		stocks	1/							2/
<i>Million Pounds /4</i>										
Beef	2019	662	27,224	3,058	30,944	3,026	642	27,276	58.1	
	2020 Proj.	Sep	642	27,117	3,272	31,031	2,896	660	27,475	58.2
		Oct	642	27,207	3,447	31,296	2,896	670	27,730	58.8
	2021 Proj.	Sep	660	27,424	3,045	31,129	3,140	650	27,339	57.7
		Oct	670	27,434	3,135	31,239	3,080	650	27,509	58.0
Pork	2019	559	27,652	945	29,156	6,321	646	22,188	52.4	
	2020 Proj.	Sep	646	28,251	861	29,759	7,547	525	21,687	51.0
		Oct	646	28,171	871	29,689	7,347	525	21,817	51.3
	2021 Proj.	Sep	525	28,459	895	29,879	7,650	575	21,654	50.6
		Oct	525	28,524	945	29,994	7,350	575	22,069	51.6
Total Red Meat 5/	2019	1,266	55,108	4,275	60,649	9,353	1,330	49,966	111.9	
	2020 Proj.	Sep	1,330	55,589	4,409	61,328	10,459	1,231	49,638	110.5
		Oct	1,330	55,598	4,602	61,530	10,263	1,240	50,027	111.3
	2021 Proj.	Sep	1,231	56,111	4,213	61,555	10,797	1,268	49,490	109.6
		Oct	1,240	56,185	4,353	61,778	10,439	1,268	50,071	111.0
Broiler	2019	845	43,435	131	44,411	7,103	937	36,371	95.1	
	2020 Proj.	Sep	937	44,075	135	45,147	7,186	890	37,071	96.4
		Oct	937	44,125	146	45,207	7,246	900	37,061	96.4
	2021 Proj.	Sep	890	44,538	132	45,560	7,140	905	37,515	97.1
		Oct	900	44,578	132	45,610	7,260	915	37,435	96.9
Turkey	2019	303	5,818	12	6,133	639	233	5,261	16.0	
	2020 Proj.	Sep	233	5,708	19	5,960	540	215	5,205	15.8
		Oct	233	5,738	20	5,991	550	215	5,226	15.8
	2021 Proj.	Sep	215	5,770	12	5,997	555	230	5,212	15.7
		Oct	215	5,770	16	6,001	570	230	5,201	15.7
Total Poultry 6/	2019	1,153	49,781	146	51,080	7,824	1,175	42,081	112.5	
	2020 Proj.	Sep	1,175	50,323	156	51,654	7,810	1,110	42,734	113.6
		Oct	1,175	50,410	168	51,753	7,880	1,121	42,752	113.7
	2021 Proj.	Sep	1,110	50,848	147	52,105	7,765	1,140	43,200	114.2
		Oct	1,121	50,887	151	52,159	7,914	1,150	43,095	114.0
Red Meat & Poultry	2019	2,419	104,889	4,421	111,728	17,177	2,504	92,047	224.4	
	2020 Proj.	Sep	2,504	105,912	4,565	112,982	18,269	2,341	92,372	224.1
		Oct	2,504	106,008	4,770	113,282	18,143	2,361	92,779	225.0
	2021 Proj.	Sep	2,341	106,959	4,360	113,660	18,562	2,408	92,690	223.9
		Oct	2,361	107,072	4,504	113,937	18,353	2,418	93,166	224.9

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

	2018	2019	2020 Proj. Sep	2020 Proj. Oct	2021 Proj. Sep	2021 Proj. Oct
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	23.4	22.7	108.7	31.6	130.0	31.0
Production	9,205.0	9,447.5	9,248.0	9,253.0	9,375.0	9,390.0
Imports	17.8	14.6	14.2	14.2	16.0	16.0
Total Supply	9,246.2	9,484.8	9,370.9	9,298.8	9,521.0	9,437.0
Use						
Exports	333.2	333.9	339.6	349.6	335.0	335.0
Hatching Use	1,057.5	1,081.2	1,080.7	1,077.7	1,105.0	1,105.0
Ending Stocks	22.7	31.6	130.0	31.0	135.0	33.0
Disappearance						
Total	7,832.9	8,038.1	7,820.6	7,840.5	7,946.0	7,964.0
Per Capita (number)	287.5	293.6	284.2	285.0	287.4	288.0

U.S. Milk Supply and Use

	2018	2019	2020 Proj. Sep	2020 Proj. Oct	2021 Proj. Sep	2021 Proj. Oct
Milk	<i>Billion Pounds</i>					
Production	217.6	218.4	222.0	222.3	225.4	225.5
Farm Use	1.0	1.0	1.0	1.0	1.0	1.0
Fat Basis Supply						
Beg. Commercial Stocks	13.4	13.8	13.6	13.6	13.2	14.0
Marketings	216.6	217.4	221.0	221.3	224.4	224.5
Imports	6.3	6.9	6.9	6.9	6.7	6.7
Total Cml. Supply	236.2	238.1	241.6	241.8	244.3	245.2
Fat Basis Use						
Commercial Exports	10.4	9.1	9.4	9.3	9.6	9.5
Ending Commercial Stocks	13.8	13.6	13.2	14.0	13.1	13.8
CCC Donations	0.0	0.2	0.3	0.3	0.0	0.0
Domestic Commercial Use	212.1	215.2	218.7	218.2	221.6	221.9
Skim-solid Basis Supply						
Beg. Commercial Stocks	11.8	10.7	10.2	10.2	10.2	10.5
Marketings	216.6	217.4	221.0	221.3	224.4	224.5
Imports	5.5	5.8	5.7	5.7	5.7	5.7
Total Cml. Supply	233.8	233.9	236.8	237.2	240.2	240.7
Skim-solid Basis Use						
Commercial Exports	44.6	41.5	47.2	47.1	47.2	47.8
Ending Commercial Stocks	10.7	10.2	10.2	10.5	10.1	10.2
CCC Donations	0.0	0.2	0.1	0.1	0.0	0.0
Domestic Commercial Use	178.5	181.9	179.3	179.5	182.9	182.7

CCC Donations include purchases made through the USDA Trade Mitigation program. They do not include products purchased under other programs. Dairy domestic commercial use for 2020 includes additional milk marketed but not processed. Note: Totals may not add due to rounding.

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U.S. Dairy Prices

	2018	2019	2020 Proj. Sep	2020 Proj. Oct	2021 Proj. Sep	2021 Proj. Oct
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.5377	1.7586	1.835	1.910	1.705	1.800
Butter	2.2572	2.2431	1.600	1.595	1.675	1.705
Nonfat Dry Milk	0.7945	1.0419	1.025	1.035	1.010	1.050
Dry Whey	0.3422	0.3799	0.350	0.350	0.350	0.360
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	14.61	16.96	17.25	18.00	16.00	17.00
Class IV	14.23	16.30	13.40	13.50	13.60	14.10
All Milk 3/	16.27	18.63	17.75	18.00	17.00	17.60

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 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 1.6 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 2.8 percent. The average difference between the October projection and the final estimate is 7.1 million tons, ranging from 0.1 million to 26.7 million tons. The October projection has been below the estimate 27 times and above 11 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average				Years
<i>Percent</i>			<i>Million Metric Tons</i>		Below Final	Above Final	
WHEAT							
Production							
World	1.6	2.8	7.1	0.1	26.7	27	11
U.S.	0.6	1.0	0.2	0.0	1.2	12	17
Foreign	1.9	3.2	7.1	0.1	26.8	27	11
Exports							
World	5.6	9.6	6.0	0.0	19.3	29	8
U.S.	8.3	14.0	2.2	0.3	10.0	17	21
Foreign	6.7	11.4	5.6	0.5	17.3	31	7
Domestic Use							
World	1.5	2.5	6.5	0.5	22.7	21	17
U.S.	6.1	10.3	1.6	0.1	3.6	10	28
Foreign	1.5	2.6	6.4	0.2	20.3	22	16
Ending Stocks							
World	7.9	13.4	10.0	0.6	32.5	30	8
U.S.	11.5	19.4	2.1	0.0	6.8	23	15
Foreign	8.4	14.2	8.5	0.0	29.3	30	8
COARSE GRAINS 2/							
Production							
World	1.9	3.2	15.5	0.8	51.9	30	8
U.S.	2.7	4.5	4.6	0.1	17.9	22	16
Foreign	2.5	4.2	15.1	0.6	61.4	31	7
Exports							
World	7.2	12.2	7.2	0.1	28.9	26	12
U.S.	15.6	26.5	6.8	0.7	19.3	17	21
Foreign	12.9	22.0	7.5	0.6	21.4	25	13
Domestic Use							
World	1.5	2.6	12.1	0.2	42.4	25	13
U.S.	3.6	6.2	5.8	0.0	17.0	19	19
Foreign	1.8	3.0	11.1	0.0	42.1	26	12
Ending Stocks							
World	13.6	23.2	18.3	0.2	170.0	30	8
U.S.	22.0	37.4	8.7	0.5	29.1	21	17
Foreign	16.7	28.3	15.9	0.7	153.5	32	6
RICE, milled							
Production							
World	2.3	3.8	6.3	0.0	20.9	29	8
U.S.	3.3	5.5	0.2	0.0	0.5	21	17
Foreign	2.3	3.9	6.3	0.1	21.0	29	9
Exports							
World	9.3	15.7	1.8	0.1	6.3	27	11
U.S.	10.2	17.3	0.2	0.0	0.8	19	17
Foreign	10.6	17.9	1.7	0.0	6.3	27	11
Domestic Use							
World	1.8	3.1	4.3	0.3	20.3	29	9
U.S.	7.8	13.3	0.2	0.0	0.6	19	18
Foreign	1.8	3.1	4.3	0.1	20.7	29	9
Ending Stocks							
World	11.4	19.3	5.8	0.2	26.6	30	8
U.S.	23.8	40.3	0.2	0.0	0.8	20	17
Foreign	11.9	20.2	5.9	0.1	26.6	31	7

1/ Footnotes at end of table.

CONTINUED

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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	4.4	7.4	6.5	0.1	28.7	19	19
U.S.	2.8	4.8	1.5	0.0	4.0	17	21
Foreign	7.1	12.0	6.4	0.0	28.1	18	20
Exports							
World	7.6	13.0	4.0	0.3	16.5	24	14
U.S.	11.4	19.3	2.8	0.1	8.6	23	15
Foreign	17.9	30.3	3.2	0.1	19.1	18	20
Domestic Use							
World	3.1	5.2	4.3	0.0	14.0	22	16
U.S.	3.8	6.4	1.4	0.0	4.5	24	13
Foreign	3.8	6.4	4.1	0.1	11.0	24	14
Ending Stocks							
World	17.3	29.4	4.9	0.3	18.6	22	16
U.S.	43.1	73.2	2.2	0.0	6.6	8	30
Foreign	19.0	32.2	4.4	0.3	19.9	20	18
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	4.5	7.6	2.9	0.0	10.9	20	17
U.S.	4.8	8.1	0.7	0.0	1.8	22	16
Foreign	5.1	8.7	2.6	0.0	10.5	19	18
Exports							
World	7.6	12.9	1.9	0.1	8.5	22	16
U.S.	17.5	29.7	1.1	0.1	3.1	22	16
Foreign	10.3	17.5	1.5	0.1	8.3	19	19
Domestic Use							
World	4.9	8.4	3.5	0.1	19.5	17	21
U.S.	10.1	17.1	0.4	0.0	1.2	18	19
Foreign	4.9	8.4	3.4	0.0	18.6	17	21
Ending Stocks							
World	13.4	22.7	5.2	0.0	15.8	23	14
U.S.	32.1	54.5	1.1	0.0	4.3	11	26
Foreign	14.4	24.4	4.9	0.2	15.6	27	11

1/ Marketing years 1981/82 through 2019/20 for grains, soybeans (U.S. only), and cotton. There was no WASDE published in October 2013, due to a partial government shutdown, so no 2013/14 forecasts were published for that month. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2018/19, and for 2019/20 the last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

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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	180	5	618	21	17
Exports	16.1	27.4	245	12	700	17	21
Domestic Use	3.9	6.7	228	5	600	21	17
Ending Stocks	24.8	42.1	327	18	1,187	21	17
SORGHUM							
Production	4.8	8.1	19	0	71	21	16
Exports	25.4	43.2	40	1	130	21	17
Domestic Use	20.9	35.4	38	0	125	18	19
Ending Stocks	48.3	82.0	29	0	142	13	24
BARLEY							
Production	1.4	2.5	4	0	24	9	16
Exports	53.1	90.2	11	0	38	16	17
Domestic Use	7.7	13.0	18	0	70	13	24
Ending Stocks	14.0	23.7	14	1	56	24	14
OATS							
Production	2.5	4.2	2	0	18	6	12
Exports	90.2	153.1	1	0	8	9	12
Domestic Use	5.4	9.1	11	0	39	13	24
Ending Stocks	22.8	38.8	15	0	47	26	11
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	3.6	6.1	1,096	105	2,815	26	12
Exports	11.6	19.7	741	0	2,200	22	15
Domestic Use	3.5	5.9	776	45	2,650	22	16
Ending Stocks	32.2	54.6	49	0	198	15	15
SOYBEAN OIL			<i>Million Pounds</i>				
Production	3.8	6.4	511	1	1,473	28	10
Exports	30.0	50.9	389	25	1,525	22	16
Domestic Use	3.9	6.6	461	20	1,928	25	13
Ending Stocks	26.2	44.5	397	35	1,327	19	19
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	3.9	6.6	779	18	2,461	23	14
Pork	3.2	5.4	405	2	1,592	19	18
Broilers	1.8	3.1	418	23	1,337	23	14
Turkeys	3.7	6.3	143	2	444	19	18
			<i>Million Dozen</i>				
Eggs	1.8	3.1	104	4	468	24	13
			<i>Billion Pounds</i>				
Milk	1.5	2.6	1.9	0.2	6.8	19	18

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2019/20 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 2018/19, and for 2019/20 the last month's estimate. Calendar years 1982 through 2019 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2019. There was no WASDE published in October 2013, due to a partial government shutdown, so no 2013/14 forecasts in that month were published for grains, soybeans, and cotton, and no 2013 forecast was published in that month for animal products.

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 International Production Assessment Division (IPAD) of the Foreign Agricultural Service. IPAD is located at <https://ipad.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-605 – October 9, 2020

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