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WHEAT: The outlook for 2020/21 U.S. wheat this month is for stable supplies, higher domestic use, unchanged exports, and reduced ending stocks. Domestic use is raised, primarily on higher food use, which is increased 5 million bushels to 965 million, up from 962 million for 2019/20. This increase is based mainly on the NASS *Flour Milling Products* report, which indicated higher food use for the early part of the marketing year than previously estimated. All wheat exports and imports are unchanged this month but there were offsetting by-class changes for both exports and imports. Projected 2020/21 ending stocks are reduced 6 million bushels to 877 million, down 15 percent from last year. The season-average farm price is unchanged at \$4.70 per bushel.

The 2020/21 global wheat outlook is for larger supplies, increased consumption, higher exports, and reduced stocks. Supplies are raised 0.7 million tons to 1,073.1 million as higher beginning stocks offset lower global production, which remains at a record. Most of this month's production decrease is for Argentina, where production is lowered 1.0 million tons to 18.0 million. The lingering impacts of drought and local freeze damage have caused Argentina's forecast yield to be the lowest in eight years. World consumption is increased 1.7 million tons to 752.7 million, mainly on higher feed and residual use for China and the EU. Projected 2020/21 global trade is raised 0.9 million tons to 190.8 million on higher exports for Russia and the EU more than offsetting lower Argentina exports. Increases in imports are led by China, Pakistan, and Turkey. China's import pace continues to be robust and at 8.0 million tons, imports would be the largest since 1995/96. Projected 2020/21 world ending stocks are lowered 1.0 million tons to 320.5 million but remain record high.

COARSE GRAINS: This month's 2020/21 U.S. corn outlook is for lower production, reduced feed and residual use, larger exports, and smaller ending stocks. Corn production is forecast at 14.507 billion bushels, down 215 million with a reduction in yield to 175.8 bushels per acre. Corn exports are raised 325 million bushels to 2.650 billion, which if realized would be record high. Projected feed and residual use is lowered 75 million bushels based on a smaller crop and higher expected prices. With supply falling and use increasing, corn ending stocks for 2020/21 are down 465 million bushels to 1.7 billion, which if realized would be the lowest since 2013/14. The corn price is raised 40 cents to \$4.00 per bushel.

Global coarse grain production for 2020/21 is forecast down 11.1 million tons to 1,447.8 million. The 2020/21 foreign coarse grain outlook is for lower production, virtually unchanged use, and greater stocks relative to last month. Foreign corn production is forecast lower with reductions for Ukraine, the EU, Russia, and Moldova more than offsetting increases for South Africa and Laos. For Ukraine, the projected corn yield is lowered based on continued poor harvest results to date and if realized would be the lowest since 2012/13.

Major global coarse grain trade changes for 2020/21 include larger corn exports for the United States, Turkey, and South Africa, with mostly offsetting reductions for Ukraine and Russia. Corn imports are raised for China and South Korea, but lowered for the EU, Mexico, and Iran. For China, while the National Development and Reform Commission has not made any public statements indicating additional corn import quota has been allocated, shipment data for exporting countries through early November indicates they will exceed their tariff rate quota level of 7.2 million tons. Barley exports are raised for the EU, with higher imports forecast for China. Total coarse grain imports for China are forecast to reach a record 26 million tons, just above the previous high of 25.7 million reached during 2014/15.

Foreign corn ending stocks for 2020/21 are higher, mostly reflecting increases for China and South Africa that are partly offset by reductions for the EU and Russia. Global corn ending stocks, at 291.4 million tons, are down 9.0 million from last month.

RICE: The outlook for 2020/21 U.S. rice this month is for decreased supplies, unchanged domestic use, lower exports, and higher ending stocks. Supplies are lowered as NASS decreased the all rice production forecast by 0.2 million cwt to 226.1 million, all on lower yields. The all rice yield is forecast at 7,560 pounds per acre, down 7 pounds from the previous forecast. Exports are reduced by 2.0 million cwt to 97.0 million on the slow pace of sales and shipments in the early part of the marketing year (MY) with all the reduction for long-grain. Projected 2020/21 all rice ending stocks are raised 1.8 million cwt to 49.5 million, up 72 percent from last year. The projected 2020/21 all rice season-average farm price is raised \$0.10 per cwt to \$12.90 with increases in both the long-grain and medium- and short-grain prices. These increases are based on NASS prices reported to date and price expectations for the remainder of the MY.

The 2020/21 global outlook is for higher supplies, lower consumption, trade nearly unchanged, and increased stocks. Rice supplies are raised 0.4 million tons to 679.0 million, primarily on increased beginning stocks for Iraq, Bangladesh, and Vietnam. World production for 2020/21 is lowered 0.4 million tons to 501.1 million, mainly on a reduction for Bangladesh due to damaging floods, but global production remains a record. Global 2020/21 consumption is lowered fractionally but remains a record at 499.2 million tons as reductions for Bangladesh and Cambodia are partially offset by China. World trade is virtually unchanged at 44.3 million tons as lower exports for China and the United States are almost offset by higher exports by Turkey and Cambodia. Projected 2020/21 world ending stocks are raised 0.6 million tons to a record 179.8 million with China and India accounting for 65 and 17 percent of the total, respectively.

OILSEEDS: The U.S. soybean outlook for 2020/21 is for lower production and ending stocks. Soybean production is forecast at 4.17 billion bushels, down 98 million on lower yields. Lower yields are reported for several major producing states, including Illinois, Iowa, Indiana, Ohio, and Nebraska. With reduced production, soybean ending stocks are projected at 190 million bushels, down 100 million from last month. If realized, soybean ending stocks would be at the lowest level in the past seven years.

Soybean and product prices for 2020/21 are all higher this month. The U.S. season-average soybean price for 2020/21 is forecast at \$10.40 per bushel, up 60 cents. The soybean meal price is forecast at \$355.00 per short ton, up \$20.00. The soybean oil price is forecast at 34.5 cents per pound, up 2.0 cents from last month.

The 2020/21 foreign oilseed supply and demand forecasts include lower production and crush, resulting in lower exports of oilseed meals and vegetable oil. Foreign oilseed production is lowered 5.6 million tons to 473.3 million, mainly on lower soybean crops for Argentina and India and lower sunflowerseed production for Ukraine and Russia. Yields are reduced for Ukraine and Russia on dry weather conditions during the season and recent harvest results. Argentina's soybean production is lowered as economic uncertainty reduces area expansion. Crop reductions result in lower exports of soybean and sunflowerseed meal and oil. Foreign oilseed stocks are increased slightly as lower cottonseed, sunflowerseed, and peanut stocks are offset by higher soybean stocks. Foreign soybean stocks are increased mainly on 2019/20 revisions to imports and crush for China and Argentina, respectively.

SUGAR: U.S. sugar supply for 2020/21 is decreased 440,781 short tons, raw value (STRV) to 13.649 million on lower beginning stocks, on decreased production, and on lower-than-expected imports from the 2019/20 raw sugar TRQ that had been extended to October 31. Beginning stocks reported by processors and refineries came in at 1.623 million STRV, down from last month by 78,492 on final fiscal year (FY) 2019/20 supply, use, and stocks estimates published in USDA's Sweetener Market Data for November. Production of beet sugar for 2020/21 is reduced by 306,820 STRV to 4.899 million. NASS forecasts 2020/21 sugarbeet production at 33.958 million tons on a national yield of 29.6 that is 5.18 percent lower than last month. The yield in the Upper Midwest at 25.66 tons/acre is 9.66 percent lower than last month and Michigan at 28.30 tons/acre is 3.09 percent lower. Beet sugar production for FY 2020/21 is lowered further on a record level of August-September production for 2020/21 crop year (764,645 STRV) that is only partially offset by an increase in projected August-September 2021 production from an average of the five previous years (664,608 STRV). Louisiana cane sugar for 2020/21 is increased 39,668 STRV to 1.824 million, based mostly on less production in September 2020 (70,415 STRV) counted in FY 2019/20 than projected last month (120,000 STRV). Projected September 2021 production is 44,837 STRV on the five-year average, down from 54,754 projected last month. Imports for 2020/21 are down 95,137 STRV to 3.025 million. Raw sugar 2019/20 TRQ entering in October 2020 is estimated at 151,898 STRV. This is 120,136 STRV less than projected last month. Partially offsetting is an increase of 25,000 STRV in high-tier tariff imports. There are no changes to 2020/21 use. Ending stocks for 2020/21 are projected residually at 1.309 million implying an ending stocks-to-use ratio of 10.60 percent

Mexico sugar production for 2020/21 is projected at 5.950 million metric tons (MT), a decrease of 50,000 from last month. This projection adapts the sugarcane yield (67.18 MT/hectare) and recovery (11.27 percent) recently published by CONADESUCA from its first estimate of the crop but projects area harvested at 785,000 hectares, close to that realized in 2019/20. Beginning stocks are up 6,006 MT on final data for 2019/20 published by CONADESUCA. With no change to ending stocks, the change in projected supply flows into a reduction of 46,994 MT in exports to non-U.S. destinations.

LIVESTOCK, POULTRY, AND DAIRY: The forecast for 2020 total red meat and poultry production is raised from last month on higher beef, pork, and broiler production. Beef production is raised from the previous month on higher expected slaughter of both fed and non-fed cattle. The pork production forecast is raised on a more rapid pace of slaughter. The broiler production forecast is raised on higher expected production for the fourth quarter.

Turkey production is virtually unchanged as higher production in the third quarter largely offsets a lower fourth-quarter forecast. Egg production is reduced as lower reported table egg production in the third quarter more than offsets higher hatching egg production.

For 2021, the total red meat and poultry forecast is raised from last month as higher expected broiler production more than offsets lower forecast pork production. Broiler production is raised from the previous month, but higher feed costs are expected to temper production growth. The pork production forecast is reduced slightly on higher feed costs. Beef and turkey production forecasts are unchanged from last month. The 2020 egg production forecast is raised from last month on higher expected hatching egg production.

The 2020 beef export forecast is raised on stronger expected demand from major trading partners while imports are adjusted to reflect third quarter reported data, but no change is made to the fourth-quarter forecast. The pork import forecast is raised from the previous month while exports are reduced on third-quarter trade data. For 2021, beef and pork trade forecasts are unchanged from the previous month. The 2020 and 2021 broiler export forecasts are raised from last month on stronger expected international demand. The 2020 turkey forecast is raised from last month on higher September exports and expectations of slightly higher exports through the remainder of the year; the 2021 forecast remains unchanged.

The 2020 and 2021 cattle price forecasts are unchanged from last month. The hog price forecast is reduced for fourth-quarter 2020 on recent price weakness; no change is made to the 2021 hog price forecasts. The 2020 broiler and turkey price forecasts are raised from the previous month on current prices, but no changes are made to 2021 prices. The 2020 and 2021 egg price forecasts are unchanged from the previous month.

The milk production forecasts for 2020 and 2021 are raised from the previous month on stronger growth in milk per cow and higher expected dairy cow inventory. The 2020 fat basis import forecast is raised on recent trade data and higher expected imports of cheese and butterfat products in the fourth quarter. This strength is expected to carry into 2021 supporting a higher 2021 fat basis import forecast. The fat basis export forecast for 2020 is raised on higher expected exports of cheese and butterfat; no change is made to the 2021 fat basis export forecast. The skim-solids basis import forecast for 2020 is reduced on lower imports of low-fat milk powders while the 2021 import forecast is reduced on lower imports of a number of dairy products. The 2020 and 2021 skim-solids basis export forecasts are raised on stronger expected sales of skim milk powder.

Cheese, nonfat dry milk (NDM), and whey price forecasts for 2020 are raised from last month on strength in demand. The butter price forecast for 2020 is reduced on current and expected continued weakness in prices. The 2020 Class III price forecast is raised on higher prices for cheese and whey. The Class IV price forecast is unchanged from last month as the higher NDM price offsets the lower butter price. The 2020 all-milk price forecast is raised to \$18.25 per cwt.

For 2021, cheese, NDM, and whey price forecasts are raised on continued strength in demand. The butter price forecast is reduced on lower expected prices through the first part of the year. The 2021 Class III price forecast is raised on higher forecast prices for cheese

and whey. The Class IV price forecast is reduced as the lowered butter price more than offsets the increase in NDM. The all milk price forecast for 2021 is raised to \$17.70 per cwt.

COTTON: This month's 2020/21 U.S. cotton estimates are virtually unchanged from October. The U.S. production forecast is marginally higher, at 17.1 million bales, while domestic mill use and exports are unchanged. U.S. ending stocks remain at 7.2 million bales and, at 42 percent of use, would be the highest stocks-to-use ratio since 2007/08. The marketing-year average price received by upland producers is forecast at 64.0 cents per pound, 5 percent (3 cents) above the October forecast, and 7 percent higher than 2019/20's price of 59.6 cents.

World 2020/21 cotton production is projected marginally lower than in October, but with slightly higher beginning stocks and slightly lower use, global ending stocks are up 300,000 bales from the previous month. Global 2020/21 beginning stocks are forecast 378,000 bales higher this month, largely reflecting an increase in Brazil's 2019/20 crop. Production changes for 2020/21 include an 800,000-bale reduction for Pakistan, a 400,000-bale increase for Australia, and a 250,000-bale increase for China. Smaller, offsetting changes occurred in estimates for Central Asia, and the global total is 160,000 bales lower than in October. World cotton use is also projected 160,000 bales lower this month, largely reflecting expected lower mill consumption in Pakistan. World trade is projected 605,000 bales higher this month as Pakistan's imports increase in response to the smaller crop, with Brazil and Australia export estimates higher as well.

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APPROVED BY:

A handwritten signature in black ink that reads "Bill Northey". The signature is written in a cursive, flowing style.

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SECRETARY OF AGRICULTURE DESIGNATE

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

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

World			Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2018/19		2625.52	3447.89	430.38	2640.02	807.87
	2019/20 (Est.)		2672.32	3480.19	442.22	2669.83	810.37
	2020/21 (Proj.)	Oct	2733.40	3542.33	457.11	2711.14	831.19
		Nov	2721.23	3531.60	458.86	2709.94	821.66
Wheat	2018/19		730.90	1018.86	173.67	734.75	284.11
	2019/20 (Est.)		764.94	1049.05	191.83	748.30	300.76
	2020/21 (Proj.)	Oct	773.08	1072.48	189.92	751.03	321.45
		Nov	772.38	1073.13	190.79	752.68	320.45
Coarse Grains 5/	2018/19		1397.58	1767.77	212.81	1420.94	346.84
	2019/20 (Est.)		1411.31	1758.14	207.53	1426.44	331.70
	2020/21 (Proj.)	Oct	1458.84	1791.26	222.87	1460.67	330.59
		Nov	1447.75	1779.45	223.77	1458.02	321.43
Rice, milled	2018/19		497.04	661.26	43.89	484.34	176.93
	2019/20 (Est.)		496.07	673.00	42.87	495.09	177.91
	2020/21 (Proj.)	Oct	501.47	678.59	44.32	499.44	179.15
		Nov	501.11	679.02	44.30	499.24	179.78
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.)	Oct	445.08	534.98	95.51	355.81	83.67
		Nov	439.62	529.52	103.70	354.07	71.76
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.)	Oct	49.69	81.07	26.54	30.51	24.03
		Nov	49.69	81.07	26.54	30.67	23.86
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.)	Oct	388.20	444.63	65.83	320.68	58.13
		Nov	382.75	439.18	74.08	318.77	46.32
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.)	Oct	7.19	9.28	3.14	4.62	1.52
		Nov	7.18	9.27	3.08	4.62	1.57

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	2,189.20	2,915.60	346.93	2,282.45	716.59	
	2019/20 (Est.)	2,254.44	2,963.88	362.45	2,315.91	727.74	
	2020/21 (Proj.)	Oct	2,288.32	3,007.35	361.60	2,355.33	747.52
		Nov	2,281.61	3,002.08	355.17	2,355.87	749.90
Wheat	2018/19	679.59	933.98	148.17	704.76	254.73	
	2019/20 (Est.)	712.36	964.23	165.55	717.73	272.78	
	2020/21 (Proj.)	Oct	723.39	991.41	163.39	720.52	297.43
		Nov	722.68	992.06	164.26	722.01	296.59
Coarse Grains 5/	2018/19	1,019.68	1,329.31	157.84	1,097.92	286.37	
	2019/20 (Est.)	1,051.87	1,335.13	157.02	1,107.67	277.96	
	2020/21 (Proj.)	Oct	1,070.64	1,346.63	157.04	1,140.00	272.47
		Nov	1,065.00	1,340.27	149.69	1,139.24	275.11
Rice, milled	2018/19	489.93	652.30	40.92	479.77	175.50	
	2019/20 (Est.)	490.21	664.52	39.88	490.51	177.00	
	2020/21 (Proj.)	Oct	494.29	669.31	41.17	494.82	177.63
		Nov	493.93	669.75	41.22	494.62	178.20

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	199.69	41.64	120.19	80.25	
	2019/20 (Est.)	122.16	202.40	40.98	102.05	99.59	
	2020/21 (Proj.)	Oct	116.27	215.48	42.24	114.21	101.13
		Nov	116.11	215.70	42.87	114.05	101.44
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.)	Oct	17.05	24.30	14.60	2.50	7.20
		Nov	17.09	24.35	14.60	2.50	7.20
Foreign 4/	2018/19	100.21	177.12	26.81	117.21	75.40	
	2019/20 (Est.)	102.24	177.64	25.45	99.90	92.34	
	2020/21 (Proj.)	Oct	99.23	191.18	27.64	111.71	93.93
		Nov	99.02	191.36	28.27	111.55	94.24

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		600.01	716.79	170.89	488.51	132.10	
	2019/20 (Est.)		576.37	708.47	189.93	505.01	110.10	
	2020/21 (Proj.)	Oct	605.50	714.32	190.97	514.80	101.18	
		Nov	597.28	707.38	190.84	511.15	98.57	
	Oilmeals	2018/19		332.51	350.17	94.17	328.65	15.98
		2019/20 (Est.)		343.70	359.68	93.99	341.30	13.41
2020/21 (Proj.)		Oct	353.33	366.66	94.11	350.63	12.49	
		Nov	351.51	364.92	92.29	349.63	11.50	
Vegetable Oils	2018/19		203.41	226.83	85.99	199.40	22.61	
	2019/20 (Est.)		206.50	229.11	86.61	202.47	21.85	
	2020/21 (Proj.)	Oct	209.62	231.55	86.26	207.32	19.80	
		Nov	208.71	230.56	85.72	207.69	18.96	
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.)	Oct	126.65	143.74	61.15	63.57	9.58	
		Nov	123.98	141.07	61.15	63.57	6.87	
Oilmeals	2018/19		46.52	51.02	12.50	38.10	0.42	
	2019/20 (Est.)		48.80	53.34	13.06	39.89	0.39	
	2020/21 (Proj.)	Oct	49.05	53.33	12.55	40.36	0.42	
		Nov	49.06	53.30	12.55	40.34	0.41	
Vegetable Oils	2018/19		12.20	18.14	1.09	15.88	1.16	
	2019/20 (Est.)		12.66	18.75	1.51	16.04	1.21	
	2020/21 (Proj.)	Oct	12.81	18.94	1.41	16.37	1.16	
		Nov	12.81	18.99	1.41	16.37	1.21	
Foreign 3/								
Oilseeds	2018/19		469.30	571.13	122.08	427.47	105.57	
	2019/20 (Est.)		469.39	573.73	143.05	441.91	94.17	
	2020/21 (Proj.)	Oct	478.85	570.58	129.82	451.23	91.60	
		Nov	473.30	566.31	129.69	447.58	91.70	
Oilmeals	2018/19		285.98	299.15	81.68	290.55	15.56	
	2019/20 (Est.)		294.91	306.34	80.92	301.41	13.03	
	2020/21 (Proj.)	Oct	304.28	313.33	81.56	310.28	12.06	
		Nov	302.45	311.62	79.75	309.29	11.09	
Vegetable Oils	2018/19		191.22	208.69	84.90	183.51	21.45	
	2019/20 (Est.)		193.84	210.36	85.10	186.43	20.65	
	2020/21 (Proj.)	Oct	196.81	212.61	84.85	190.95	18.64	
		Nov	195.90	211.58	84.32	191.33	17.75	

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. Oct	2020/21 Proj. Nov
			<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	49.7	49.7
			<i>Million Bushels</i>	
Beginning Stocks	1,099	1,080	1,028	1,028
Production	1,885	1,932	1,826	1,826
Imports	135	105	125	125
Supply, Total	3,119	3,117	2,979	2,979
Food	954	962	960	965
Seed	59	60	61	62
Feed and Residual	88	101	100	100
Domestic, Total	1,102	1,123	1,121	1,127
Exports	937	965	975	975
Use, Total	2,039	2,089	2,096	2,102
Ending Stocks	1,080	1,028	883	877
Avg. Farm Price (\$/bu) 2/	5.16	4.58	4.70	4.70

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red	Hard Red	Soft Red	White	Durum	Total	
		Winter	Spring	Winter				
				<i>Million</i>				
				<i>Bushels</i>				
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/	1,167	870	381	405	156	2,979	
	Domestic Use	424	317	200	95	92	1,127	
	Exports	405	270	75	195	30	975	
	Use, Total	829	587	275	290	122	2,102	
	Ending Stocks, Total							
		Nov	338	284	107	115	34	877
		Oct	334	288	102	122	37	883

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. Oct	2020/21 Proj. Nov
FEED GRAINS				
		<i>Million Acres</i>		
Area Planted	99.9	100.6	102.4	102.4
Area Harvested	89.2	89.1	90.7	90.7
		<i>Metric Tons</i>		
Yield per Harvested Acre	4.24	4.03	4.28	4.22
		<i>Million Metric Tons</i>		
Beginning Stocks	57.9	60.5	53.7	53.7
Production	377.7	359.2	387.9	382.5
Imports	2.3	2.8	2.4	2.4
Supply, Total	437.9	422.4	444.0	438.6
Feed and Residual	142.9	152.6	150.4	148.5
Food, Seed & Industrial	179.6	165.6	169.7	169.7
Domestic, Total	322.5	318.2	320.1	318.2
Exports	55.0	50.5	65.8	74.1
Use, Total	377.5	368.7	385.9	392.3
Ending Stocks	60.5	53.7	58.1	46.3
CORN				
		<i>Million Acres</i>		
Area Planted	88.9	89.7	91.0	91.0
Area Harvested	81.3	81.3	82.5	82.5
		<i>Bushels</i>		
Yield per Harvested Acre	176.4	167.5	178.4	175.8
		<i>Million Bushels</i>		
Beginning Stocks	2,140	2,221	1,995	1,995
Production	14,340	13,620	14,722	14,507
Imports	28	42	25	25
Supply, Total	16,509	15,883	16,742	16,527
Feed and Residual	5,429	5,827	5,775	5,700
Food, Seed & Industrial 2/	6,793	6,282	6,475	6,475
Ethanol & by-products 3/	5,378	4,852	5,050	5,050
Domestic, Total	12,222	12,109	12,250	12,175
Exports	2,066	1,778	2,325	2,650
Use, Total	14,288	13,887	14,575	14,825
Ending Stocks	2,221	1,995	2,167	1,702
Avg. Farm Price (\$/bu) 4/	3.61	3.56	3.60	4.00

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

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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.
			Oct	Nov
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.7	5.3	5.8	5.8
Area Harvested (mil. acres)	5.1	4.7	5.0	5.0
Yield (bushels/acre)	72.1	73.0	74.1	74.2
Beginning Stocks	35	64	29	29
Production	365	341	371	371
Imports	0	0	0	0
Supply, Total	400	405	400	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	30	30
Avg. Farm Price (\$/bu) 2/	3.26	3.34	3.60	4.05
BARLEY				
Area Planted (mil. acres)	2.5	2.8	2.6	2.6
Area Harvested (mil. acres)	2.0	2.2	2.1	2.1
Yield (bushels/acre)	77.5	77.7	77.5	77.5
Beginning Stocks	94	87	80	80
Production	154	172	165	165
Imports	6	7	7	7
Supply, Total	254	266	253	253
Feed and Residual	15	44	25	25
Food, Seed & Industrial	148	136	143	143
Total Domestic	162	180	168	168
Exports	5	6	6	6
Use, Total	167	186	174	174
Ending Stocks	87	80	79	79
Avg. Farm Price (\$/bu) 2/	4.62	4.69	4.55	4.55
OATS				
Area Planted (mil. acres)	2.7	2.8	3.0	3.0
Area Harvested (mil. acres)	0.9	0.8	1.0	1.0
Yield (bushels/acre)	64.9	64.3	65.1	65.1
Beginning Stocks	41	38	37	37
Production	56	53	65	65
Imports	86	92	94	94
Supply, Total	184	183	196	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	40	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. Oct	2020/21 Proj. Nov
		<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	7,567	7,560
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	29.4	44.9	28.7	28.7
Production	223.8	184.7	226.3	226.1
Imports	29.0	37.3	37.3	37.3
Supply, Total	282.2	266.8	292.2	292.0
Domestic & Residual 3/	143.8	144.0	145.5	145.5
Exports, Total 4/	93.6	94.2	99.0	97.0
Rough	33.3	31.2	36.0	35.0
Milled (rough equiv.)	60.3	62.9	63.0	62.0
Use, Total	237.3	238.2	244.5	242.5
Ending Stocks	44.9	28.7	47.7	49.5
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	12.60	13.50	12.80	12.90

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	170.0	169.8
Supply, Total 7/	207.3	188.0	216.4	216.2
Domestic & Residual 3/	108.5	106.4	111.0	111.0
Exports 8/	66.2	64.6	71.0	69.0
Use, Total	174.7	171.1	182.0	180.0
Ending Stocks	32.6	16.9	34.4	36.2
Avg. Farm Price (\$/cwt) 6/	10.80	12.00	11.50	11.70

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	56.4	56.3
Supply, Total 7/	72.8	77.8	74.8	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	12.3	12.3
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.50	17.80	16.50	16.60
California 10/	21.10	20.60	18.80	18.80
Other States 1/	12.30	11.60	11.60	11.80

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.
			Oct	Nov
			<i>Million Acres</i>	
Area Planted	89.2	76.1	83.1	83.1
Area Harvested	87.6	74.9	82.3	82.3
			<i>Bushels</i>	
Yield per Harvested Acre	50.6	47.4	51.9	50.7
			<i>Million Bushels</i>	
Beginning Stocks	438	909	523	523
Production	4,428	3,552	4,268	4,170
Imports	14	15	15	15
Supply, Total	4,880	4,476	4,806	4,709
Crushings	2,092	2,165	2,180	2,180
Exports	1,752	1,676	2,200	2,200
Seed	88	96	100	103
Residual	39	16	36	35
Use, Total	3,971	3,953	4,516	4,519
Ending Stocks	909	523	290	190
Avg. Farm Price (\$/bu) 2/	8.48	8.57	9.80	10.40
SOYBEAN OIL				
			<i>Million Pounds</i>	
Beginning Stocks	1,995	1,775	1,740	1,849
Production 4/	24,197	24,912	25,265	25,265
Imports	397	319	350	350
Supply, Total	26,590	27,006	27,355	27,464
Domestic Disappearance	22,874	22,319	23,000	23,000
Biodiesel 3/	7,863	7,900	8,100	8,100
Food, Feed & other Industrial	15,011	14,419	14,900	14,900
Exports	1,940	2,839	2,600	2,600
Use, Total	24,815	25,158	25,600	25,600
Ending stocks	1,775	1,849	1,755	1,864
Avg. Price (c/lb) 2/	28.26	29.65	32.50	34.50
SOYBEAN MEAL				
			<i>Thousand Short Tons</i>	
Beginning Stocks	555	402	400	341
Production 4/	48,814	51,100	51,400	51,409
Imports	683	639	400	400
Supply, Total	50,052	52,142	52,200	52,150
Domestic Disappearance	36,212	37,723	38,300	38,300
Exports	13,438	14,077	13,500	13,500
Use, Total	49,650	51,800	51,800	51,800
Ending Stocks	402	341	400	350
Avg. Price (\$/s.t.) 2/	308.28	299.50	335.00	355.00

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 2,173 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.
			Oct	Nov
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	2,008	1,783	1,702	1,623
Production 2/	8,999	8,149	9,268	9,001
Beet Sugar	4,939	4,351	5,206	4,899
Cane Sugar	4,060	3,798	4,062	4,101
Florida	2,005	2,106	2,135	2,135
Hawaii	0	0	0	0
Louisiana	1,907	1,566	1,785	1,824
Texas	147	126	142	142
Imports	3,070	4,154	3,120	3,025
TRQ 3/	1,541	2,071	1,832	1,711
Other Program 4/	438	432	350	350
Other 5/	1,092	1,651	938	963
Mexico	1,000	1,376	888	888
Total Supply	14,077	14,085	14,089	13,649
Exports	35	61	35	35
Deliveries	12,231	12,333	12,305	12,305
Food	12,106	12,235	12,200	12,200
Other 6/	126	98	105	105
Miscellaneous	28	68	0	0
Total Use	12,294	12,462	12,340	12,340
Ending Stocks	1,783	1,623	1,749	1,309
Stocks to Use Ratio	14.5	13.0	14.2	10.6

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 (181) 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 (275) and 2020/21 (75). 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.						
	Oct	1,169	5,278	110	4,488	1,218	852
	Nov	1,169	5,278	77	4,455	1,212	858
2020/21 Proj.	Oct	852	6,000	89	4,488	1,518	935
	Nov	858	5,950	86	4,488	1,471	935

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2018/19 = 1,528; Estimated 2019/20 = 1,388; Projected 2020/21 = 1,377 Footnote source for estimate: Comité Nacional para el Desarrollo Sustentable de la Cana de Azúcar.

2/ Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2019/20 (352 est = 330 dom. + 23 import); 2020/21 (415 proj = 350 dom. + 65 import). Statistical Adjustments: 2019/20 (1), 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.
			Oct	Nov
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	909	911
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	4.20	4.85	7.25	7.25
Production	18.37	19.91	17.05	17.09
Imports	0.00	0.00	0.00	0.00
Supply, Total	22.57	24.77	24.30	24.35
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	0.00	0.05
Ending Stocks	4.85	7.25	7.20	7.20
Avg. Farm Price 3/	70.3	59.6	61.0	64.0

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/	287.97	730.90	171.12	139.20	734.75	173.67	284.11
World Less China	156.77	599.47	167.98	119.20	609.75	172.67	144.35
United States	29.91	51.31	3.66	2.39	29.99	25.50	29.39
Total Foreign	258.06	679.59	167.46	136.81	704.76	148.17	254.73
Major Exporters 4/	43.93	302.77	7.31	81.91	194.75	120.77	38.50
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	32.35	0.48	4.16	9.15	24.38	6.04
European Union 5/	17.94	136.58	5.76	51.50	121.05	23.31	15.92
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/	177.34	199.78	111.72	37.99	294.01	12.44	182.39
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/	15.27	17.88	17.23	3.45	37.70	0.63	12.05
Southeast Asia 9/	5.51	0.00	26.72	7.94	25.29	1.07	5.87
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/	284.11	764.94	185.29	139.06	748.30	191.83	300.76
World Less China	144.35	631.35	179.91	120.06	622.30	190.78	149.07
United States	29.39	52.58	2.86	2.76	30.57	26.28	27.98
Total Foreign	254.73	712.36	182.43	136.30	717.73	165.55	272.78
Major Exporters 4/	38.50	325.37	6.66	81.11	195.16	141.55	33.82
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	6.04	32.67	0.68	4.16	9.26	24.63	5.50
European Union 5/	15.92	154.96	4.80	52.50	122.50	38.43	14.75
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/	182.39	202.53	122.16	36.79	297.59	12.74	196.75
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	27.74	1.85	46.25	1.06	14.36
Nigeria	0.20	0.06	5.34	0.05	4.90	0.40	0.30
Sel. Mideast 8/	12.05	22.19	17.71	3.60	38.47	0.78	12.70
Southeast Asia 9/	5.87	0.00	26.45	7.64	25.25	1.08	5.99
Selected Other							
India	16.99	103.60	0.02	6.00	96.11	0.51	23.99
Kazakhstan	1.68	11.45	0.58	1.30	6.10	6.99	0.63

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/	Oct	299.40	773.08	186.23	134.60	751.03	189.92	321.45
	Nov	300.76	772.38	187.62	137.13	752.68	190.79	320.45
World Less China	Oct	147.71	637.08	178.73	114.60	621.03	188.92	157.27
	Nov	149.07	636.38	179.62	116.13	621.68	189.79	156.77
United States	Oct	27.98	49.69	3.40	2.72	30.51	26.54	24.03
	Nov	27.98	49.69	3.40	2.72	30.67	26.54	23.86
Total Foreign	Oct	271.42	723.39	182.83	131.88	720.52	163.39	297.43
	Nov	272.78	722.68	184.22	134.41	722.01	164.26	296.59
Major Exporters 4/	Oct	33.43	327.75	6.73	76.05	189.85	139.00	39.06
	Nov	33.82	327.05	6.93	77.05	190.35	139.50	37.95
Argentina	Oct	1.70	19.00	0.01	0.05	6.05	13.00	1.66
	Nov	1.70	18.00	0.01	0.05	6.05	12.50	1.16
Australia	Oct	3.49	28.50	0.20	4.00	7.50	19.00	5.69
	Nov	3.49	28.50	0.20	4.00	7.50	19.00	5.69
Canada	Oct	5.03	35.00	0.45	4.50	9.70	25.00	5.78
	Nov	5.50	35.00	0.45	4.50	9.70	25.00	6.25
European Union 5/	Oct	14.83	136.75	5.50	47.50	117.50	25.50	14.08
	Nov	14.75	136.55	5.70	48.50	118.00	26.00	13.00
Russia	Oct	7.23	83.00	0.50	18.00	41.00	39.00	10.73
	Nov	7.23	83.50	0.50	18.00	41.00	39.50	10.73
Ukraine	Oct	1.15	25.50	0.08	2.00	8.10	17.50	1.12
	Nov	1.15	25.50	0.08	2.00	8.10	17.50	1.12
Major Importers 6/	Oct	195.92	205.41	122.00	36.76	303.00	12.71	207.61
	Nov	196.75	205.17	122.85	38.31	304.41	12.88	207.48
Bangladesh	Oct	1.86	1.25	6.60	0.30	7.50	0.00	2.21
	Nov	1.86	1.25	6.60	0.30	7.50	0.00	2.21
Brazil	Oct	0.94	6.60	6.70	0.50	12.20	0.70	1.34
	Nov	0.94	6.60	6.70	0.50	12.20	0.70	1.34
China	Oct	151.68	136.00	7.50	20.00	130.00	1.00	164.18
	Nov	151.68	136.00	8.00	21.00	131.00	1.00	163.68
Japan	Oct	1.20	1.10	5.60	0.60	6.30	0.28	1.32
	Nov	1.20	1.10	5.60	0.60	6.30	0.28	1.32
N. Africa 7/	Oct	14.33	16.64	29.90	1.75	46.95	0.99	12.93
	Nov	14.36	16.64	29.70	1.75	46.95	0.99	12.76
Nigeria	Oct	0.21	0.06	5.10	0.05	4.76	0.40	0.21
	Nov	0.30	0.06	5.10	0.05	4.76	0.40	0.30
Sel. Mideast 8/	Oct	12.54	22.18	18.25	3.62	39.40	0.67	12.90
	Nov	12.70	22.20	18.20	3.62	39.41	0.67	13.02
Southeast Asia 9/	Oct	5.25	0.00	26.35	6.94	24.74	1.07	5.79
	Nov	5.99	0.00	26.35	7.39	25.24	1.09	6.01
Selected Other								
India	Oct	23.99	107.59	0.03	6.50	99.50	1.00	31.11
	Nov	23.99	107.59	0.03	6.50	99.50	1.00	31.11
Kazakhstan	Oct	0.69	12.50	0.20	1.40	6.20	6.30	0.89
	Nov	0.63	12.50	0.20	1.40	6.20	6.50	0.63

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

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

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	370.19	1,397.58	194.33	852.54	1,420.94	212.81	346.84
World Less China	147.21	1,133.63	183.79	657.09	1,133.92	212.74	136.44
United States	57.92	377.90	2.63	143.10	323.02	54.97	60.47
Total Foreign	312.27	1,019.68	191.70	709.44	1,097.92	157.84	286.37
Major Exporters 4/	27.12	293.19	5.65	127.91	172.32	134.04	19.60
Argentina	3.37	59.22	0.00	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	16.18	24.10	5.98	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/	39.30	243.71	144.25	294.80	379.72	11.12	36.43
European Union 6/	15.66	148.25	26.49	126.00	168.19	8.83	13.38
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/	7.80	31.09	39.90	62.17	70.48	0.89	7.41
Saudi Arabia	2.63	0.29	10.17	10.75	11.13	0.00	1.97
Southeast Asia 8/	2.56	30.19	17.04	37.89	45.72	0.68	3.38
South Korea	1.86	0.23	10.96	8.59	11.20	0.00	1.86
Selected Other							
China	222.98	263.96	10.54	195.45	287.01	0.07	210.40
2019/20 Est.							
World 3/	346.84	1,411.31	200.92	878.98	1,426.44	207.53	331.70
World Less China	136.44	1,143.10	183.43	678.16	1,131.37	207.49	130.72
United States	60.47	359.43	3.11	152.82	318.77	50.51	53.74
Total Foreign	286.37	1,051.87	197.81	726.16	1,107.67	157.02	277.96
Major Exporters 4/	19.60	306.28	4.21	134.37	178.95	129.28	21.86
Argentina	3.61	58.13	0.01	12.12	17.68	41.11	2.96
Australia	2.43	10.44	0.01	4.98	6.95	3.54	2.38
Brazil	5.65	105.57	1.90	62.01	73.14	34.01	5.97
Canada	3.30	28.61	1.92	17.50	24.85	5.01	3.98
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/	36.43	257.32	142.71	298.29	384.74	15.55	36.17
European Union 6/	13.38	161.82	19.68	124.55	167.86	13.37	13.66
Japan	1.75	0.22	17.63	13.83	17.90	0.00	1.70
Mexico	5.71	31.91	17.48	30.85	50.28	1.00	3.83
N. Afr & Mideast 7/	7.41	33.34	41.85	65.41	73.88	0.59	8.13
Saudi Arabia	1.97	0.27	11.34	11.15	11.51	0.00	2.07
Southeast Asia 8/	3.38	29.40	18.26	38.55	46.59	0.59	3.86
South Korea	1.86	0.28	11.99	9.55	12.10	0.00	2.03
Selected Other							
China	210.40	268.20	17.50	200.82	295.07	0.04	200.98

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/	Oct	332.42	1,458.84	214.53	899.01	1,460.67	222.87	330.59
	Nov	331.70	1,447.75	216.06	896.81	1,458.02	223.77	321.43
World Less China	Oct	131.23	1,191.47	195.78	697.21	1,162.69	222.80	141.33
	Nov	130.72	1,180.37	190.01	690.81	1,155.74	223.70	129.37
United States	Oct	53.74	388.20	2.69	150.58	320.68	65.83	58.13
	Nov	53.74	382.75	2.69	148.68	318.77	74.08	46.32
Total Foreign	Oct	278.68	1,070.64	211.84	748.43	1,140.00	157.04	272.47
	Nov	277.96	1,065.00	213.37	748.14	1,139.24	149.69	275.11
Major Exporters 4/	Oct	22.08	316.20	4.15	137.73	183.07	133.46	25.89
	Nov	21.86	309.58	4.15	138.20	183.69	125.26	26.65
Argentina	Oct	2.96	56.66	0.01	13.39	19.05	37.01	3.57
	Nov	2.96	57.03	0.01	13.46	19.12	37.11	3.77
Australia	Oct	2.38	14.26	0.00	6.08	8.15	5.35	3.14
	Nov	2.38	14.26	0.00	6.08	8.15	5.35	3.14
Brazil	Oct	5.97	113.41	2.20	63.08	74.22	39.01	8.35
	Nov	5.97	113.41	2.20	63.08	74.22	39.01	8.35
Canada	Oct	3.95	29.60	1.76	17.47	25.25	5.70	4.36
	Nov	3.98	29.60	1.76	17.47	25.25	5.70	4.39
Russia	Oct	1.86	41.93	0.07	22.83	32.03	9.48	2.35
	Nov	1.86	40.93	0.07	22.83	32.03	8.68	2.15
Ukraine	Oct	2.46	45.70	0.02	8.20	11.38	34.61	2.18
	Nov	2.46	37.71	0.02	8.20	11.40	26.61	2.18
Major Importers 5/	Oct	36.27	260.48	153.12	313.52	401.39	10.42	38.06
	Nov	36.17	261.03	147.22	307.72	395.66	11.47	37.28
European Union 6/	Oct	13.42	161.93	24.26	131.40	175.85	8.84	14.91
	Nov	13.66	162.60	20.26	128.40	172.90	9.34	14.27
Japan	Oct	1.66	0.25	17.62	13.86	17.93	0.00	1.60
	Nov	1.70	0.25	17.62	13.86	17.93	0.00	1.65
Mexico	Oct	3.93	33.59	18.75	31.86	51.29	0.90	4.08
	Nov	3.83	33.59	17.75	30.86	50.29	0.90	3.98
N. Afr & Mideast 7/	Oct	8.30	33.81	44.26	69.19	77.72	0.12	8.53
	Nov	8.13	33.67	43.26	67.59	76.12	0.67	8.27
Saudi Arabia	Oct	2.34	0.27	12.21	12.05	12.41	0.00	2.41
	Nov	2.07	0.27	12.01	11.55	11.91	0.00	2.44
Southeast Asia 8/	Oct	3.90	30.35	19.73	41.35	49.52	0.56	3.89
	Nov	3.86	30.35	19.73	41.35	49.52	0.56	3.85
South Korea	Oct	1.92	0.20	11.91	9.45	12.09	0.00	1.95
	Nov	2.03	0.22	12.11	9.65	12.31	0.00	2.04
Selected Other								
China	Oct	201.19	267.38	18.75	201.80	297.98	0.07	189.26
	Nov	200.98	267.38	26.05	206.00	302.28	0.07	192.06

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/	340.76	1,123.35	164.42	703.43	1,144.29	181.73	319.83
World Less China	118.24	866.18	159.94	512.43	870.29	181.71	109.66
United States	54.37	364.26	0.71	137.91	310.45	52.48	56.41
Total Foreign	286.39	759.09	163.71	565.53	833.84	129.25	263.42
Major Exporters 4/	16.16	211.04	2.25	86.34	108.04	111.47	9.95
Argentina	2.41	51.00	0.00	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	7.04	12.54	1.45	1.02
Ukraine	1.57	35.81	0.04	5.00	6.20	30.32	0.89
Major Importers 5/	23.25	129.06	99.36	169.33	224.47	5.03	22.17
Egypt	1.85	6.80	9.37	13.70	16.20	0.00	1.81
European Union 6/	9.16	64.36	25.25	67.00	87.50	3.63	7.64
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	16.66	37.60	45.30	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/	319.83	1,116.19	165.79	713.61	1,132.68	171.01	303.33
World Less China	109.66	855.41	158.20	520.61	854.68	171.00	102.81
United States	56.41	345.96	1.06	148.02	307.58	45.17	50.68
Total Foreign	263.42	770.22	164.73	565.60	825.10	125.84	252.65
Major Exporters 4/	9.95	219.16	1.28	89.20	111.15	107.90	11.33
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	1.02	16.00	0.00	6.80	12.60	2.50	1.92
Ukraine	0.89	35.89	0.02	5.20	6.35	29.20	1.25
Major Importers 5/	22.17	129.10	95.68	164.40	220.25	6.40	20.29
Egypt	1.81	6.40	10.60	14.60	17.10	0.01	1.70
European Union 6/	7.64	66.70	19.00	60.20	81.40	4.80	7.14
Japan	1.45	0.00	15.89	12.30	15.95	0.00	1.39
Mexico	5.09	26.50	16.53	25.60	43.80	1.00	3.32
Southeast Asia 7/	3.37	29.35	17.37	37.80	45.65	0.59	3.85
South Korea	1.84	0.08	11.89	9.50	11.80	0.00	2.00
Selected Other							0.00
Canada	1.98	13.40	1.84	8.66	13.96	0.71	2.56
China	210.16	260.78	7.60	193.00	278.00	0.01	200.53

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/	Oct	304.24	1,158.82	177.81	731.31	1,162.60	184.47	300.45
	Nov	303.33	1,144.63	178.23	725.71	1,156.54	184.77	291.43
World Less China	Oct	103.31	898.82	170.81	539.31	883.60	184.45	111.55
	Nov	102.81	884.63	165.23	530.71	874.54	184.75	99.92
United States	Oct	50.68	373.95	0.64	146.69	311.16	59.06	55.04
	Nov	50.68	368.49	0.64	144.79	309.26	67.31	43.23
Total Foreign	Oct	253.55	784.87	177.17	584.62	851.43	125.41	245.41
	Nov	252.65	776.14	177.59	580.92	847.28	117.46	248.19
Major Exporters 4/	Oct	11.62	225.50	1.56	92.40	114.40	109.70	14.58
	Nov	11.33	218.50	1.56	92.80	114.90	101.40	15.09
Argentina	Oct	1.87	50.00	0.01	11.00	15.00	34.00	2.88
	Nov	1.87	50.00	0.01	11.00	15.00	34.00	2.88
Brazil	Oct	5.49	110.00	1.50	60.00	70.00	39.00	7.99
	Nov	5.49	110.00	1.50	60.00	70.00	39.00	7.99
Russia	Oct	0.80	15.00	0.04	9.90	11.00	3.90	0.94
	Nov	0.80	14.00	0.04	9.90	11.00	3.10	0.74
South Africa	Oct	2.21	14.00	0.00	6.60	12.30	2.30	1.61
	Nov	1.92	16.00	0.00	7.00	12.80	2.80	2.32
Ukraine	Oct	1.25	36.50	0.02	4.90	6.10	30.50	1.16
	Nov	1.25	28.50	0.02	4.90	6.10	22.50	1.16
Major Importers 5/	Oct	20.26	130.96	104.05	173.35	230.35	3.97	20.95
	Nov	20.29	129.06	99.35	167.15	224.15	3.97	20.58
Egypt	Oct	1.70	6.40	11.00	14.80	17.30	0.01	1.79
	Nov	1.70	6.40	11.00	14.80	17.30	0.01	1.79
European Union 6/	Oct	7.17	66.10	24.00	65.00	87.00	2.50	7.77
	Nov	7.14	64.20	20.00	59.50	81.50	2.50	7.34
Japan	Oct	1.40	0.00	16.00	12.40	16.05	0.00	1.35
	Nov	1.39	0.00	16.00	12.40	16.05	0.00	1.34
Mexico	Oct	3.39	28.00	18.30	27.00	45.25	0.90	3.54
	Nov	3.32	28.00	17.30	26.00	44.25	0.90	3.47
Southeast Asia 7/	Oct	3.89	30.30	18.65	40.40	48.40	0.56	3.88
	Nov	3.85	30.30	18.65	40.40	48.40	0.56	3.84
South Korea	Oct	1.91	0.08	11.80	9.40	11.85	0.00	1.93
	Nov	2.00	0.08	12.00	9.60	12.05	0.00	2.03
Selected Other								
Canada	Oct	2.53	14.00	1.70	9.60	14.80	1.00	2.43
	Nov	2.56	14.00	1.70	9.60	14.80	1.00	2.46
China	Oct	200.92	260.00	7.00	192.00	279.00	0.02	188.90
	Nov	200.53	260.00	13.00	195.00	282.00	0.02	191.51

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/	164.22	497.04	44.05	484.34	43.89	176.93
World Less China	55.22	348.55	40.85	341.42	41.12	61.93
United States	0.93	7.11	0.92	4.57	2.97	1.42
Total Foreign	163.29	489.93	43.13	479.77	40.92	175.50
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/	122.91	239.14	17.13	247.82	3.18	128.19
China	109.00	148.49	3.20	142.92	2.77	115.00
European Union 6/	1.18	1.96	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/	1.23	2.01	3.93	5.90	0.00	1.27
Selected Other						0.00
Brazil	0.59	7.14	0.75	7.35	0.88	0.25
C. Amer & Carib 8/	0.54	1.73	1.79	3.42	0.04	0.60
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/	176.93	496.07	41.22	495.09	42.87	177.91
World Less China	61.93	349.34	38.82	350.06	40.27	61.41
United States	1.42	5.86	1.19	4.57	2.99	0.91
Total Foreign	175.50	490.21	40.04	490.51	39.88	177.00
Major Exporters 4/	36.84	183.13	0.66	152.68	30.50	37.45
Burma	1.07	12.70	0.01	10.35	2.30	1.13
India	29.50	118.43	0.00	105.93	12.30	29.70
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	6.40	1.15
Major Importers 5/	128.19	239.12	13.57	249.43	2.97	128.49
China	115.00	146.73	2.40	145.03	2.60	116.50
European Union 6/	1.19	1.98	2.44	4.05	0.31	1.25
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/	1.27	2.34	3.65	6.00	0.00	1.26
Selected Other						0.00
Brazil	0.25	7.60	0.85	7.20	1.10	0.40
C. Amer & Carib 8/	0.60	1.55	1.89	3.38	0.04	0.62
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	0.45	4.10	0.06	1.13

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/	Oct	177.11	501.47	41.85	499.44	44.32	179.15
	Nov	177.91	501.11	42.15	499.24	44.30	179.78
World Less China	Oct	60.61	354.47	39.65	353.14	41.42	62.65
	Nov	61.41	354.11	39.95	352.74	41.60	63.28
United States	Oct	0.91	7.19	1.18	4.62	3.14	1.52
	Nov	0.91	7.18	1.18	4.62	3.08	1.57
Total Foreign	Oct	176.20	494.29	40.67	494.82	41.17	177.63
	Nov	177.00	493.93	40.96	494.62	41.22	178.20
Major Exporters 4/	Oct	37.55	186.10	0.61	153.10	32.10	39.06
	Nov	37.45	186.10	0.61	153.10	32.10	38.96
Burma	Oct	1.13	12.90	0.01	10.50	2.20	1.34
	Nov	1.13	12.90	0.01	10.50	2.20	1.34
India	Oct	30.00	120.00	0.00	106.00	12.50	31.50
	Nov	29.70	120.00	0.00	106.00	12.50	31.20
Pakistan	Oct	0.83	7.60	0.00	3.40	4.10	0.93
	Nov	0.83	7.60	0.00	3.40	4.10	0.93
Thailand	Oct	4.64	18.60	0.20	12.00	7.00	4.44
	Nov	4.64	18.60	0.20	12.00	7.00	4.44
Vietnam	Oct	0.95	27.00	0.40	21.20	6.30	0.85
	Nov	1.15	27.00	0.40	21.20	6.30	1.05
Major Importers 5/	Oct	127.69	240.29	13.85	251.25	3.27	127.31
	Nov	128.49	239.58	14.00	251.20	3.07	127.80
China	Oct	116.50	147.00	2.20	146.30	2.90	116.50
	Nov	116.50	147.00	2.20	146.50	2.70	116.50
European Union 6/	Oct	1.17	1.99	2.35	4.10	0.32	1.09
	Nov	1.25	1.98	2.40	4.15	0.32	1.16
Indonesia	Oct	3.11	34.90	0.50	35.40	0.00	3.11
	Nov	3.11	34.90	0.50	35.40	0.00	3.11
Nigeria	Oct	0.71	5.04	1.20	6.40	0.00	0.55
	Nov	0.71	5.04	1.20	6.40	0.00	0.55
Philippines	Oct	3.60	11.70	2.60	14.40	0.00	3.50
	Nov	3.60	11.70	2.60	14.40	0.00	3.50
Sel. Mideast 7/	Oct	0.85	2.27	3.70	6.05	0.00	0.76
	Nov	1.26	2.27	3.70	6.05	0.00	1.17
Selected Other							
Brazil	Oct	0.40	7.48	0.80	7.20	0.90	0.58
	Nov	0.40	7.48	0.80	7.20	0.90	0.58
C. Amer & Carib 8/	Oct	0.65	1.55	1.90	3.41	0.03	0.66
	Nov	0.62	1.64	1.90	3.48	0.03	0.65
Egypt	Oct	1.20	4.00	0.25	4.30	0.02	1.13
	Nov	1.20	4.00	0.25	4.30	0.02	1.13
Japan	Oct	1.92	7.62	0.69	8.25	0.08	1.90
	Nov	1.92	7.62	0.69	8.25	0.08	1.90
Mexico	Oct	0.18	0.19	0.80	0.97	0.01	0.20
	Nov	0.18	0.19	0.80	0.97	0.01	0.20
South Korea	Oct	1.16	3.86	0.45	4.00	0.06	1.41
	Nov	1.13	3.85	0.45	4.00	0.06	1.38

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	81.11	118.58	42.43	120.19	41.64	0.04	80.25
World Less China	43.11	90.83	32.79	80.69	41.43	0.04	44.58
United States	4.20	18.37	3/	2.98	14.84	-0.09	4.85
Total Foreign	76.91	100.21	42.43	117.21	26.81	0.14	75.40
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/	48.12	42.69	37.40	80.01	3.24	0.11	44.85
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	0.70	1.72	0.03	0.22
Turkey	1.95	3.75	3.61	6.90	0.71	0.00	1.69
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	80.25	122.16	40.19	102.05	40.98	-0.03	99.59
World Less China	44.58	94.91	33.05	69.05	40.82	-0.03	62.69
United States	4.85	19.91	3/	2.15	15.53	-0.16	7.25
Total Foreign	75.40	102.24	40.19	99.90	25.45	0.13	92.34
Major Exporters 4/	28.57	58.57	2.88	28.27	20.98	0.02	40.74
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	16.75	0.15	3.59	11.28	0.01	17.36
Australia	1.57	0.63	3/	0.04	1.36	0.00	0.80
Brazil	12.26	13.78	0.01	2.70	8.94	0.00	14.40
India	9.30	29.50	2.28	20.00	3.20	0.00	17.88
Major Importers 8/	44.85	40.62	34.94	68.00	3.18	0.11	49.12
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	0.34
Turkey	1.69	3.45	4.67	6.60	0.45	0.00	2.77
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	Oct	99.21	116.27	42.23	114.21	42.24	0.13	101.13
	Nov	99.59	116.11	42.84	114.05	42.87	0.18	101.44
World Less China	Oct	62.31	89.02	32.73	76.71	42.11	0.13	65.11
	Nov	62.69	88.61	33.34	76.55	42.75	0.18	65.16
United States	Oct	7.25	17.05	3/	2.50	14.60	0.00	7.20
	Nov	7.25	17.09	3/	2.50	14.60	0.05	7.20
Total Foreign	Oct	91.96	99.23	42.23	111.71	27.64	0.13	93.93
	Nov	92.34	99.02	42.83	111.55	28.27	0.13	94.24
Major Exporters 4/	Oct	40.42	57.40	1.71	31.83	23.87	0.02	43.81
	Nov	40.74	57.83	1.71	31.88	24.42	0.02	43.96
Central Asia 5/	Oct	2.72	5.72	3/	4.14	1.51	0.00	2.80
	Nov	2.72	5.75	3/	4.19	1.56	0.00	2.72
Afr. Fr. Zone 6/	Oct	2.53	5.00	3/	0.14	4.98	0.00	2.41
	Nov	2.53	5.00	3/	0.14	4.98	0.00	2.41
S. Hemis. 7/	Oct	17.03	16.33	0.16	3.92	12.12	0.01	17.47
	Nov	17.36	16.73	0.16	3.92	12.62	0.01	17.69
Australia	Oct	0.80	2.10	3/	0.04	1.30	0.00	1.57
	Nov	0.80	2.50	3/	0.04	1.50	0.00	1.77
Brazil	Oct	14.07	12.00	0.03	3.00	9.70	0.00	13.40
	Nov	14.40	12.00	0.03	3.00	10.00	0.00	13.43
India	Oct	17.88	30.00	1.00	23.00	5.00	0.00	20.88
	Nov	17.88	30.00	1.00	23.00	5.00	0.00	20.88
Major Importers 8/	Oct	49.07	38.66	37.97	75.93	2.35	0.11	47.32
	Nov	49.12	38.03	38.58	75.72	2.43	0.11	47.47
Mexico	Oct	0.67	1.05	0.60	1.60	0.20	0.03	0.49
	Nov	0.67	1.05	0.60	1.60	0.20	0.03	0.49
China	Oct	36.90	27.25	9.50	37.50	0.13	0.00	36.02
	Nov	36.90	27.50	9.50	37.50	0.13	0.00	36.27
European Union 9/	Oct	0.35	1.61	0.60	0.67	1.60	0.03	0.27
	Nov	0.34	1.53	0.61	0.66	1.58	0.03	0.21
Turkey	Oct	2.71	2.80	4.30	7.00	0.33	0.00	2.49
	Nov	2.77	2.80	4.40	7.00	0.45	0.00	2.52
Pakistan	Oct	3.39	5.80	3.80	10.00	0.08	0.03	2.89
	Nov	3.39	5.00	4.30	9.80	0.05	0.03	2.82
Indonesia	Oct	0.54	3/	2.90	2.90	0.01	0.00	0.54
	Nov	0.54	3/	2.90	2.90	0.01	0.00	0.54
Thailand	Oct	0.15	3/	0.85	0.83	0.00	0.03	0.15
	Nov	0.15	3/	0.85	0.83	0.00	0.03	0.15
Bangladesh	Oct	2.42	0.15	7.30	7.30	0.00	0.01	2.55
	Nov	2.42	0.15	7.30	7.30	0.00	0.01	2.55
Vietnam	Oct	1.61	3/	6.80	6.80	0.00	0.00	1.61
	Nov	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/		98.81	361.06	145.26	297.92	343.46	148.82	112.85
World Less China		75.75	345.10	62.72	212.92	241.46	148.71	93.40
United States		11.92	120.52	0.38	56.94	60.40	47.68	24.74
Total Foreign		86.89	240.55	144.88	240.98	283.06	101.15	88.11
Major Exporters 3/		56.95	186.34	6.56	86.79	96.53	91.64	61.69
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	74.89	32.47
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/		112.85	336.69	164.34	308.27	353.87	164.67	95.34
World Less China		93.40	318.59	65.81	216.77	244.67	164.58	68.54
United States		24.74	96.67	0.42	58.91	61.96	45.62	14.25
Total Foreign		88.11	240.02	163.93	249.36	291.91	119.05	81.09
Major Exporters 3/		61.69	186.89	5.46	86.53	96.11	110.33	47.59
Argentina		28.89	49.00	4.88	38.75	45.80	9.97	27.00
Brazil		32.47	126.00	0.55	44.25	46.48	92.24	20.30
Paraguay		0.32	9.90	0.02	3.45	3.75	6.20	0.29
Major Importers 4/		22.13	21.77	132.84	121.00	146.86	0.31	29.57
China		19.46	18.10	98.53	91.50	109.20	0.09	26.80
European Union		1.61	2.62	15.60	16.30	18.01	0.20	1.61
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/	Oct	93.75	368.47	164.95	322.42	370.59	167.88	88.70
	Nov	95.34	362.64	165.39	320.89	369.03	167.82	86.52
World Less China	Oct	68.09	350.97	64.95	223.42	253.19	167.78	63.04
	Nov	68.54	345.14	65.39	221.89	251.63	167.72	59.72
United States	Oct	14.25	116.15	0.41	59.33	63.03	59.87	7.90
	Nov	14.25	113.50	0.41	59.33	63.11	59.87	5.17
Total Foreign	Oct	79.51	252.32	164.54	263.09	307.56	108.00	80.80
	Nov	81.09	249.14	164.98	261.56	305.92	107.94	81.35
Major Exporters 3/	Oct	47.02	198.84	4.41	91.38	101.52	100.32	48.44
	Nov	47.59	196.34	4.41	89.38	99.48	100.32	48.54
Argentina	Oct	26.40	53.50	4.00	42.00	49.20	7.00	27.70
	Nov	27.00	51.00	4.00	40.00	47.20	7.00	27.80
Brazil	Oct	20.34	133.00	0.40	45.50	48.14	85.00	20.60
	Nov	20.30	133.00	0.40	45.50	48.10	85.00	20.60
Paraguay	Oct	0.29	10.25	0.01	3.80	4.10	6.30	0.14
	Nov	0.29	10.25	0.01	3.80	4.10	6.30	0.14
Major Importers 4/	Oct	28.54	21.43	134.19	128.54	155.40	0.38	28.38
	Nov	29.57	21.43	134.69	129.44	156.30	0.38	29.02
China	Oct	25.66	17.50	100.00	99.00	117.40	0.10	25.66
	Nov	26.80	17.50	100.00	99.00	117.40	0.10	26.80
European Union	Oct	1.71	2.75	14.90	15.90	17.61	0.25	1.50
	Nov	1.61	2.75	15.40	16.80	18.51	0.25	1.00
Southeast Asia	Oct	0.80	0.60	9.78	4.72	10.27	0.03	0.88
	Nov	0.80	0.60	9.78	4.72	10.27	0.03	0.88
Mexico	Oct	0.16	0.35	6.10	6.40	6.47	0.00	0.14
	Nov	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/		14.07	233.45	62.76	229.92	67.72	12.64
World Less China		14.07	166.13	62.74	163.52	66.79	12.64
United States		0.50	44.28	0.62	32.85	12.19	0.37
Total Foreign		13.56	189.17	62.14	197.07	55.53	12.28
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	2.19	0.48
Major Importers 4/		1.82	22.02	38.90	60.21	0.59	1.95
European Union		0.26	12.32	18.76	30.39	0.37	0.58
Mexico		0.17	4.86	1.89	6.65	0.01	0.26
Southeast Asia 5/		1.27	2.98	16.66	19.70	0.20	1.01
2019/20 Est.							
World 2/		12.64	242.21	62.61	240.37	66.96	10.13
World Less China		12.64	169.75	62.56	168.86	65.95	10.13
United States		0.37	46.36	0.58	34.22	12.77	0.31
Total Foreign		12.28	195.86	62.03	206.15	54.19	9.82
Major Exporters 3/		5.76	70.87	0.04	26.96	45.66	4.05
Argentina		1.74	29.80	0.00	3.18	27.30	1.06
Brazil		3.54	34.35	0.01	18.06	17.51	2.33
India		0.48	6.72	0.03	5.72	0.85	0.66
Major Importers 4/		1.95	23.15	38.48	61.67	0.57	1.34
European Union		0.58	12.88	17.70	30.69	0.35	0.11
Mexico		0.26	4.90	1.84	6.90	0.01	0.10
Southeast Asia 5/		1.01	3.51	17.23	20.51	0.21	1.04
2020/21 Proj.							
World 2/	Oct	9.90	253.32	64.73	250.52	67.81	9.62
	Nov	10.13	252.32	63.11	250.19	66.47	8.90
World Less China	Oct	9.90	174.91	64.72	173.10	66.81	9.62
	Nov	10.13	173.91	63.10	172.77	65.47	8.90
United States	Oct	0.36	46.63	0.36	34.75	12.25	0.36
	Nov	0.31	46.64	0.36	34.75	12.25	0.32
Total Foreign	Oct	9.54	206.69	64.37	215.78	55.56	9.26
	Nov	9.82	205.68	62.75	215.45	54.22	8.58
Major Exporters 3/	Oct	4.69	75.60	0.07	27.99	47.87	4.50
	Nov	4.05	73.63	0.06	27.84	46.17	3.73
Argentina	Oct	1.86	32.33	0.00	3.40	29.00	1.79
	Nov	1.06	30.75	0.00	3.25	27.50	1.06
Brazil	Oct	2.32	35.28	0.02	18.50	16.80	2.31
	Nov	2.33	35.28	0.02	18.50	16.80	2.32
India	Oct	0.51	8.00	0.05	6.09	2.07	0.41
	Nov	0.66	7.60	0.04	6.09	1.87	0.34
Major Importers 4/	Oct	1.31	23.21	40.17	62.53	0.52	1.63
	Nov	1.34	23.92	38.98	62.33	0.53	1.38
European Union	Oct	0.23	12.56	18.85	30.89	0.30	0.45
	Nov	0.11	13.27	18.05	30.97	0.30	0.17
Mexico	Oct	0.07	5.06	2.00	7.05	0.01	0.07
	Nov	0.10	5.06	1.93	6.98	0.01	0.10
Southeast Asia 5/	Oct	0.91	3.69	17.62	20.99	0.21	1.01
	Nov	1.04	3.69	17.30	20.79	0.22	1.02

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/	3.89	55.79	10.38	54.91	11.18	3.97
World Less China	3.32	40.56	9.60	39.02	10.98	3.47
United States	0.91	10.98	0.18	10.38	0.88	0.81
Total Foreign	2.98	44.82	10.20	44.53	10.30	3.17
Major Exporters 3/	0.81	19.74	0.45	12.23	7.79	0.98
Argentina	0.27	7.91	0.00	2.57	5.27	0.34
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	24.01	0.25	1.11
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	2.21	0.05	0.23

2019/20 Est.

World 2/	3.97	57.74	11.01	56.58	11.92	4.23
World Less China	3.47	41.34	10.01	39.48	11.76	3.58
United States	0.81	11.30	0.15	10.12	1.29	0.84
Total Foreign	3.17	46.44	10.86	46.45	10.63	3.39
Major Exporters 3/	0.98	19.93	0.55	12.29	7.97	1.18
Argentina	0.34	7.67	0.00	2.33	5.40	0.29
Brazil	0.33	8.50	0.07	7.39	1.16	0.35
European Union	0.29	3.10	0.48	2.54	0.78	0.54
Major Importers 4/	1.11	19.29	6.86	25.70	0.26	1.31
China	0.50	16.40	1.00	17.09	0.16	0.65
India	0.14	1.51	3.50	5.00	0.02	0.14
North Africa 5/	0.23	0.91	1.67	2.36	0.09	0.37

2020/21 Proj.

World 2/	Oct	4.08	60.30	10.98	59.22	12.08	4.07
	Nov	4.23	60.14	11.01	59.35	11.92	4.11
World Less China	Oct	3.43	42.56	9.88	40.53	11.93	3.42
	Nov	3.58	42.40	9.91	40.66	11.77	3.46
United States	Oct	0.79	11.46	0.16	10.43	1.18	0.80
	Nov	0.84	11.46	0.16	10.43	1.18	0.85
Total Foreign	Oct	3.30	48.84	10.82	48.79	10.90	3.27
	Nov	3.39	48.68	10.85	48.92	10.74	3.26
Major Exporters 3/	Oct	1.14	20.65	0.46	12.60	8.50	1.15
	Nov	1.18	20.58	0.46	12.60	8.31	1.31
Argentina	Oct	0.24	8.16	0.00	2.35	5.80	0.25
	Nov	0.29	7.92	0.00	2.35	5.60	0.25
Brazil	Oct	0.35	8.75	0.04	7.57	1.20	0.37
	Nov	0.35	8.75	0.04	7.57	1.20	0.37
European Union	Oct	0.52	3.02	0.42	2.64	0.83	0.50
	Nov	0.54	3.19	0.42	2.64	0.83	0.69
Major Importers 4/	Oct	1.25	20.98	6.62	27.26	0.31	1.28
	Nov	1.31	20.90	6.84	27.57	0.31	1.15
China	Oct	0.65	17.74	1.10	18.69	0.15	0.65
	Nov	0.65	17.74	1.10	18.69	0.15	0.65
India	Oct	0.14	1.80	3.14	4.93	0.01	0.14
	Nov	0.14	1.71	3.35	5.10	0.01	0.09
North Africa 5/	Oct	0.31	0.88	1.64	2.32	0.16	0.35
	Nov	0.37	0.88	1.64	2.45	0.16	0.28

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	7,110	7,049	14,208	11,357	1,454	12,957	27,166	2,300	55.3	
	IV*	7,130	7,395	14,577	11,175	1,445	12,755	27,332	2,350	55.0	
	Annual										
	Oct Proj.	27,138	28,157	55,505	44,602	5,738	50,888	106,392	9,253	222.3	
	Nov Proj.	27,223	28,181	55,609	44,709	5,737	50,999	106,608	9,248	222.5	
2021	I*	6,845	7,240	14,136	10,990	1,420	12,540	26,676	2,290	56.3	
	II*	6,935	6,735	13,722	11,155	1,425	12,720	26,442	2,290	57.7	
	III*	6,845	7,045	13,941	11,545	1,445	13,135	27,076	2,370	56.1	
	Annual										
	Oct Proj.	27,365	28,510	56,092	45,060	5,770	51,370	107,462	9,390	225.5	
	Nov Proj.	27,365	28,485	56,058	45,095	5,770	51,415	107,473	9,400	225.9	

* Projection. 1/ Commercial production for red meats; federally inspected for poultry meats. 2/ Beef, pork, veal and lamb & mutton. 3/ Broilers, turkeys and mature chicken.

U.S. Quarterly Prices for Animal Products

Year and Quarter		Steers 2/	Barrows and gilts 3/	Broilers 4/	Turkeys 5/	Eggs 6/	Milk 7/
		<i>Dol./cwt</i>	<i>Dol./cwt</i>	<i>Cents/lb.</i>	<i>Cents/lb.</i>	<i>Cents/doz.</i>	<i>Dol./cwt</i>
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	19.07
	IV*	109.00	50.00	70.0	113.0	125.0	19.75
	Annual						
	Oct Proj.	108.71	43.25	70.8	106.1	116.7	18.00
	Nov Proj.	108.71	43.00	71.8	106.4	116.7	18.25
2021	I*	113.00	47.00	77.0	103.0	113.0	18.65
	II*	110.00	50.00	86.0	105.0	95.0	17.10
	III*	114.00	48.00	77.0	106.0	105.0	17.05
	Annual						
	Oct Proj.	114	47	79	106	110	17.60
	Nov Proj.	114	47	79	106	110	17.70

*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/						
<i>Million Pounds /4</i>									
Beef	2019	662	27,224	3,058	30,944	3,026	642	27,276	58.1
	2020 Proj.	642	27,207	3,447	31,296	2,896	670	27,730	58.8
	Nov	642	27,292	3,450	31,384	2,905	645	27,834	59.0
	2021 Proj.	670	27,434	3,135	31,239	3,080	650	27,509	58.0
	Nov	645	27,434	3,135	31,214	3,080	650	27,484	58.0
Pork	2019	559	27,652	945	29,156	6,321	646	22,188	52.4
	2020 Proj.	646	28,171	871	29,689	7,347	525	21,817	51.3
	Nov	646	28,195	887	29,729	7,324	520	21,885	51.4
	2021 Proj.	525	28,524	945	29,994	7,350	575	22,069	51.6
	Nov	520	28,499	945	29,964	7,350	575	22,039	51.5
Total Red Meat 5/	2019	1,266	55,108	4,275	60,649	9,353	1,330	49,966	111.9
	2020 Proj.	1,330	55,598	4,602	61,530	10,263	1,240	50,027	111.3
	Nov	1,330	55,702	4,630	61,662	10,250	1,204	50,208	111.8
	2021 Proj.	1,240	56,185	4,353	61,778	10,439	1,268	50,071	111.0
	Nov	1,204	56,151	4,355	61,710	10,439	1,263	50,008	110.8
Broiler	2019	845	43,435	131	44,411	7,103	937	36,371	95.1
	2020 Proj.	937	44,125	146	45,207	7,246	900	37,061	96.4
	Nov	937	44,231	148	45,315	7,304	900	37,111	96.5
	2021 Proj.	900	44,578	132	45,610	7,260	915	37,435	96.9
	Nov	900	44,612	140	45,652	7,275	915	37,462	97.0
Turkey	2019	303	5,818	12	6,133	639	233	5,261	16.0
	2020 Proj.	233	5,738	20	5,991	550	215	5,226	15.8
	Nov	233	5,737	21	5,991	558	215	5,218	15.8
	2021 Proj.	215	5,770	16	6,001	570	230	5,201	15.7
	Nov	215	5,770	21	6,006	570	230	5,206	15.7
Total Poultry 6/	2019	1,153	49,781	146	51,080	7,824	1,175	42,081	112.5
	2020 Proj.	1,175	50,410	168	51,753	7,880	1,121	42,752	113.7
	Nov	1,175	50,520	171	51,866	7,938	1,122	42,806	113.8
	2021 Proj.	1,121	50,887	151	52,159	7,914	1,150	43,095	114.0
	Nov	1,122	50,932	164	52,218	7,921	1,150	43,147	114.1
Red Meat & Poultry	2019	2,419	104,889	4,421	111,728	17,177	2,504	92,047	224.4
	2020 Proj.	2,504	106,008	4,770	113,282	18,143	2,361	92,779	225.0
	Nov	2,504	106,222	4,801	113,528	18,188	2,326	93,014	225.5
	2021 Proj.	2,361	107,072	4,504	113,937	18,353	2,418	93,166	224.9
	Nov	2,326	107,083	4,519	113,928	18,360	2,413	93,155	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. Oct	2020 Proj. Nov	2021 Proj. Oct	2021 Proj. Nov
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	23.4	22.7	31.6	31.6	31.0	31.0
Production	9,205.0	9,447.5	9,253.0	9,248.0	9,390.0	9,400.0
Imports	17.8	14.6	14.2	15.2	16.0	16.0
Total Supply	9,246.2	9,484.8	9,298.8	9,294.8	9,437.0	9,447.0
Use						
Exports	333.2	333.9	349.6	348.6	335.0	335.0
Hatching Use	1,057.5	1,081.2	1,077.7	1,078.1	1,105.0	1,095.0
Ending Stocks	22.7	31.6	31.0	31.0	33.0	33.0
Disappearance						
Total	7,832.9	8,038.1	7,840.5	7,837.1	7,964.0	7,984.0
Per Capita (number)	287.5	293.6	285.0	284.8	288.0	288.7

U.S. Milk Supply and Use

	2018	2019	2020 Proj. Oct	2020 Proj. Nov	2021 Proj. Oct	2021 Proj. Nov
Milk	<i>Billion Pounds</i>					
Production	217.6	218.4	222.3	222.5	225.5	225.9
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	14.0	14.3
Marketings	216.6	217.4	221.3	221.5	224.5	224.9
Imports	6.3	6.9	6.9	7.0	6.7	6.9
Total Cml. Supply	236.2	238.1	241.8	242.1	245.2	246.1
Fat Basis Use						
Commercial Exports	10.4	9.1	9.3	9.4	9.5	9.5
Ending Commercial Stocks	13.8	13.6	14.0	14.3	13.8	14.1
CCC Donations	0.0	0.2	0.3	0.3	0.0	0.0
Domestic Commercial Use	212.1	215.2	218.2	218.1	221.9	222.5
Skim-solid Basis Supply						
Beg. Commercial Stocks	11.8	10.7	10.2	10.2	10.5	10.3
Marketings	216.6	217.4	221.3	221.5	224.5	224.9
Imports	5.5	5.8	5.7	5.6	5.7	5.6
Total Cml. Supply	233.8	233.9	237.2	237.3	240.7	240.8
Skim-solid Basis Use						
Commercial Exports	44.6	41.5	47.1	47.3	47.8	48.1
Ending Commercial Stocks	10.7	10.2	10.5	10.3	10.2	10.0
CCC Donations	0.0	0.2	0.1	0.1	0.0	0.0
Domestic Commercial Use	178.5	181.9	179.5	179.6	182.7	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. Oct	2020 Proj. Nov	2021 Proj. Oct	2021 Proj. Nov
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.5377	1.7586	1.910	1.965	1.800	1.825
Butter	2.2572	2.2431	1.595	1.585	1.705	1.685
Nonfat Dry Milk	0.7945	1.0419	1.035	1.040	1.050	1.055
Dry Whey	0.3422	0.3799	0.350	0.355	0.360	0.365
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	14.61	16.96	18.00	18.55	17.00	17.25
Class IV	14.23	16.30	13.50	13.50	14.10	14.00
All Milk 3/	16.27	18.63	18.00	18.25	17.60	17.70

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 November Projections 1/

Note: Tables on pages 35-37 present a record of the November 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 1.2 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 2 percent. The average difference between the November projection and the final estimate is 5.4 million tons, ranging from 0.1 million to 18.1 million tons. The November projection has been below the estimate 28 times and above 11 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final
	<i>Percent</i>		<i>Million Metric Tons</i>				
WHEAT							
Production							
World	1.2	2.0	5.4	0.1	18.1	28	11
U.S.	0.4	0.7	0.2	0.0	1.2	19	13
Foreign	1.3	2.3	5.3	0.0	18.2	28	11
Exports							
World	5.7	9.6	6.1	0.2	19.2	32	7
U.S.	7.5	12.7	1.9	0.2	8.6	18	21
Foreign	6.9	11.7	5.9	0.3	17.2	34	5
Domestic Use							
World	1.3	2.3	5.8	0.0	18.8	23	15
U.S.	6.0	10.1	1.6	0.1	3.6	11	28
Foreign	1.4	2.3	6.0	0.5	21.1	26	13
Ending Stocks							
World	6.1	10.4	7.9	0.9	23.1	30	9
U.S.	11.2	19.1	2.0	0.2	7.0	25	14
Foreign	6.3	10.7	6.7	0.8	22.7	30	9
COARSE GRAINS 2/							
Production							
World	1.6	2.7	13.3	0.2	47.3	30	9
U.S.	1.3	2.2	2.4	0.0	7.5	19	20
Foreign	2.2	3.8	13.4	0.2	48.8	30	9
Exports							
World	6.7	11.4	6.7	0.1	29.7	27	12
U.S.	15.9	27.0	5.9	0.4	14.7	20	19
Foreign	12.3	20.9	7.3	0.3	23.5	26	13
Domestic Use							
World	1.4	2.3	10.7	0.2	41.9	23	16
U.S.	3.6	6.1	5.1	0.2	17.2	18	21
Foreign	1.6	2.7	9.7	0.3	42.2	26	13
Ending Stocks							
World	12.3	20.9	12.8	0.3	39.6	32	7
U.S.	20.2	34.2	7.6	0.6	23.9	22	17
Foreign	16.1	27.2	10.9	0.2	31.1	35	4
RICE, milled							
Production							
World	2.1	3.5	5.8	0.1	16.8	32	7
U.S.	2.9	4.9	0.1	0.0	0.5	19	17
Foreign	2.1	3.6	5.8	0.2	16.9	32	7
Exports							
World	9.2	15.6	1.8	0.1	6.0	30	9
U.S.	9.4	15.9	0.2	0.0	0.7	20	16
Foreign	10.5	17.8	1.8	0.0	6.0	28	11
Domestic Use							
World	1.7	2.8	3.9	0.1	17.5	32	7
U.S.	8.4	14.2	0.2	0.0	0.6	20	19
Foreign	1.7	2.9	3.9	0.0	17.7	33	6
Ending Stocks							
World	10.6	18.0	5.4	0.1	24.6	32	7
U.S.	23.0	39.0	0.2	0.0	0.8	22	17
Foreign	11.0	18.7	5.4	0.1	24.4	32	7

1/ Footnotes at end of table.

CONTINUED

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Reliability of November 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	3.9	6.7	5.9	0.0	25.1	23	16
U.S.	2.2	3.7	1.2	0.1	4.7	16	23
Foreign	6.5	11.0	5.7	0.0	26.4	20	19
Exports							
World	7.3	12.4	3.7	0.0	14.8	25	14
U.S.	10.0	17.0	2.4	0.1	7.1	24	15
Foreign	18.1	30.7	3.1	0.1	17.5	20	19
Domestic Use							
World	2.9	4.8	4.1	0.0	14.2	23	16
U.S.	3.6	6.1	1.3	0.0	3.8	27	12
Foreign	3.5	6.0	3.9	0.2	12.8	23	16
Ending Stocks							
World	16.1	27.3	4.3	0.0	18.4	21	18
U.S.	48.0	81.5	2.3	0.1	7.3	10	29
Foreign	17.1	29.1	3.9	0.1	18.2	22	17
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	3.5	6.0	2.5	0.1	9.3	24	15
U.S.	3.0	5.1	0.4	0.0	1.0	19	19
Foreign	4.1	7.0	2.4	0.1	8.9	25	14
Exports							
World	7.8	13.2	2.0	0.1	10.3	25	14
U.S.	17.0	28.8	1.1	0.1	3.2	23	16
Foreign	10.2	17.3	1.5	0.0	8.9	20	18
Domestic Use							
World	4.6	7.8	3.1	0.0	19.4	18	20
U.S.	9.6	16.4	0.3	0.0	1.1	19	20
Foreign	4.6	7.8	2.9	0.0	18.6	19	20
Ending Stocks							
World	12.2	20.7	5.2	0.3	18.4	25	14
U.S.	31.5	53.5	1.1	0.1	3.5	14	25
Foreign	13.0	22.0	4.9	0.0	17.3	27	12

1/ Marketing years 1981/82 through 2019/20 for grains, soybeans (U.S. only), 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. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

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Reliability of United States November 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	1.3	2.2	88	0	250	19	19
Exports	16.4	27.9	208	9	575	18	21
Domestic Use	3.8	6.5	196	3	574	23	16
Ending Stocks	22.9	38.9	299	17	986	20	19
SORGHUM							
Production	4.1	7.0	15	1	53	20	19
Exports	20.8	35.2	33	0	123	22	16
Domestic Use	19.9	33.8	35	0	127	18	20
Ending Stocks	48.1	81.6	25	2	104	14	25
BARLEY							
Production	1.5	2.5	4	0	24	17	10
Exports	39.3	66.6	9	0	37	15	19
Domestic Use	7.7	13.1	17	0	70	14	24
Ending Stocks	13.8	23.4	13	0	38	25	12
OATS							
Production	1.1	1.8	2	0	18	7	9
Exports	71.0	120.6	1	0	7	9	10
Domestic Use	5.5	9.3	12	1	39	15	24
Ending Stocks	20.4	34.7	13	1	52	26	13
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	3.6	6.1	1,079	14	3,250	25	14
Exports	11.5	19.5	726	0	3,600	21	15
Domestic Use	3.3	5.7	729	30	2,350	19	20
Ending Stocks	28.0	47.4	43	0	249	14	13
SOYBEAN OIL			<i>Million Pounds</i>				
Production	3.9	6.6	522	40	2,240	28	11
Exports	28.8	48.9	366	0	1,425	21	17
Domestic Use	3.8	6.5	477	56	1,828	25	14
Ending Stocks	23.2	39.4	344	0	1,077	20	18
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	3.7	6.3	768	92	2,461	25	13
Pork	3.2	5.4	416	2	1,592	21	17
Broilers	1.8	3.1	398	17	1,394	24	14
Turkeys	3.4	5.8	136	2	444	21	17
			<i>Million Dozen</i>				
Eggs	2.0	3.3	111	2	513	26	12
			<i>Billion Pounds</i>				
Milk	1.5	2.6	1.9	0.1	6.0	19	19

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.

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-606 – November 10, 2020

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