

World Agricultural Supply and Demand Estimates

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WASDE - 618

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WHEAT: The outlook for 2021/22 U.S. wheat this month is for lower supplies, higher domestic use, reduced exports, and slightly higher ending stocks. Supplies are reduced on lower anticipated imports, down 10 million bushels to 115 million on a continued weak import pace. Higher anticipated seed use for the 2022/23 crop more than offsets lower expected food use driven by a slower-than-expected pace of flour milling as reported in the quarterly NASS *Flour Milling Products* report. As a result, total domestic use is projected 2 million bushels higher at 1,163 million. Exports are lowered 15 million bushels to 860 million, on lower anticipated exports of Hard Red Spring and White wheat based on high domestic prices and muted export sales. Projected 2021/22 ending stocks are raised slightly to 583 million bushels, up 3 million from last month's forecast but still the lowest U.S. ending stocks since 2007/08. The projected 2021/22 season-average farm price is raised \$0.20 per bushel to \$6.90 on reported NASS prices to date and expectations on cash and futures prices for the remainder of the marketing year.

The global wheat outlook for 2021/22 is for reduced supplies, slightly higher consumption, increased trade, and lower ending stocks. Supplies are projected down by 1.0 million tons to 1,063.2 million based on decreases in beginning stocks and production. World production is lowered 0.6 million tons to 775.3 million as decreases in the EU, the UK, and Uzbekistan more than offset an increase for Russia. EU production is lowered primarily due to downward revisions in France and Germany that are only partially offset by an increase in production in Romania. Russian wheat production is estimated 2.0 million tons higher to 74.5 million based on Ministry of Agriculture harvest results that lowered harvested area but increased yields for both winter and spring wheat. World consumption is raised 0.4 million tons to 787.2 million, primarily on feed and residual changes as increases for Russia, Iran, and Turkey more than offset reductions for the EU, the UK, Ukraine, and Uzbekistan. The global forecast for trade is increased 3.5 million tons to a record 203.2 million, primarily on higher exports from the EU, India, Russia, and Ukraine. Projected global ending stocks are down 1.4 million tons to 275.8 million, with Australia, the EU, and India accounting for most of the reduction.

COARSE GRAINS: This month's 2021/22 U.S. corn outlook is for greater production, increased corn used for ethanol, and marginally lower ending stocks. Corn production is forecast at 15.062 billion bushels, up 43 million from last month on a 0.5-bushel increase in yield to a record 177.0 bushels per acre. Corn used for ethanol is raised 50 million bushels, based on September data from the *Grain Crushings and Co-Products Production* report and weekly ethanol production data as reported by the Energy Information Administration for the month of October. With use rising slightly more than supply, corn ending stocks are lowered 7 million bushels. The season-average corn price received by producers is unchanged at \$5.45 per bushel.

Global coarse grain production for 2021/22 is forecast 5.1 million tons higher to 1,499.0 million. This month's 2021/22 foreign coarse grain outlook is for larger production, increased trade, and higher stocks relative to last month. Foreign corn production is forecast higher as increases for Argentina, the EU, and several African countries more than offset a decline for the Philippines. For Argentina, production is raised mostly reflecting increased area expectations for late-planted corn. Corn production in the EU is higher based on increases for Poland, Romania, and France. Foreign barley production is lowered based on declines for Turkey, the EU, Russia, and Ukraine.

Corn exports are raised for Argentina and the EU but lowered for Bangladesh. Corn imports are raised for Iran and Thailand but lowered for Nigeria and Turkey. For 2020/21, corn exports for Argentina are raised but reduced for Brazil for the local marketing year beginning March 2021, based on shipments observed through October. For 2021/22, barley imports are raised for China and Turkey but reduced for Saudi Arabia. Foreign corn ending stocks are higher relative to last month, reflecting increases for China, Brazil, Burkina Faso, and Angola. Global corn ending stocks, at 304.4 million tons, are up 2.7 million.

RICE: The outlook for 2021/22 U.S. rice this month is for increased supplies, higher domestic use, lower exports, and larger ending stocks. Supplies are raised as NASS increased rice production by 3.3 million cwt to 193.8 million, all on higher yields. The all rice yield is forecast at a record 7,756 pounds per acre, up 131 pounds from the previous forecast. Record yields are forecast for Arkansas, California, Mississippi, and Missouri. This increase in supply is partially offset by a reduction in imports, all long-grain, as monthly Census imports continue to run below last year's pace. All rice imports are reduced 1.0 million cwt to 35.0 million but remain above last year. Domestic and residual use is raised 1.5 million cwt to 147.5 million on increased supplies. Exports are reduced by 1.0 million cwt to 90.0 million, all for long-grain on a weaker-than-expected pace of sales and shipments. Projected 2021/22 all rice ending stocks are raised 1.8 million cwt to 35.0 million but are still down 20 percent from last year. The projected 2021/22 all rice season-average farm price is unchanged at \$14.80 per cwt and up from a revised \$14.00 for 2020/21.

The 2021/22 global outlook is for larger supplies, reduced consumption, minimally lower trade, and increased stocks. Rice supplies are raised 3.3 million tons to 699.2 million, primarily on increased beginning stocks for India and higher production for several countries in Sub Saharan Africa. Global 2021/22 consumption is lowered 1.0 million tons to 511.3 million but remains a record as a reduction for India is partially offset by increases for several Sub Saharan Africa countries. World trade is fractionally lower at 49.7 million as higher exports by India are more than offset by reductions for China, Burma, and the EU. India's exports are raised 0.5 million tons to 19.0 million, which is the second highest on record, following a revised 20.2 million for 2020/21. Projected 2021/22 world ending stocks are raised 4.3 million tons to a record 187.9 million, primarily on increases for China and India, which account for 60 and 20 percent of global stocks, respectively.

OILSEEDS: The U.S. soybean outlook for 2021/22 is for lower production and exports, and higher ending stocks. Soybean production is forecast at 4.42 billion bushels, down 23 million on lower yields. Lower yields in Indiana, Iowa, Ohio, and Kansas account for most of the change in production. Exports are reduced this month reflecting reduced global imports and lower-than-expected shipments through October. With use falling more than supply, soybean ending stocks are raised 20 million bushels.

The U.S. season-average soybean price for 2020/21 is forecast at \$12.10 per bushel, down 25 cents. Soybean meal and oil prices are unchanged at \$325.00 per short ton and 65.0 cents per pound, respectively.

Global 2021/22 soybean production is reduced 1.1 million tons to 384.0 million as lower production for the United States and Argentina is partly offset by higher Indian production. Argentina's production is lowered 1.5 million tons to 49.5 million on a lower harvested area. Production for India is raised 0.9 million tons to 11.9 million based on data from the Soybean Processors Association of India. Global soybean exports are lowered 1.0 million tons to 172.1 million, with lower exports for Argentina and the United States partly offset by higher exports for Brazil and India. With lower exports, China's imports are reduced 1.0 million tons to 100 million. Global soybean stocks are reduced 0.8 million tons to 103.8 million as lower stocks for Argentina and China are partly offset by higher U.S. stocks.

SUGAR: U.S. beet sugar production for 2020/21 is increased by 60,682 short tons, raw value (STRV) to 5.092 million on higher-than-expected beet sugar production in September. Beet sugar production for 2021/22 is increased by 65,544 STRV to 5.413 million on processors' forecast of beet sugar production from slicing (increase of 112,372 STRV) less adjustments made for August-September production in 2021 and projected 2022 (decrease of 46,829 STRV). Cane sugar production in Louisiana is decreased by 20,021 STRV on a lower crop yield forecast by NASS, a slightly lower sucrose recovery forecast by processors, and adjustments made for September production in 2021 and 2022.

Imports for 2020/21 are reduced by 56,719 STRV to 3.195 million on final trade data for September 2021 from U.S. Customs and Border Protection and U.S. Census. On October 29, 2021 the USDA extended the period for the entry of 2020/21 raw cane TRQ sugar to December 31, 2021, and on November 3, USTR announced a reallocation of 29,442 metric tons, raw value from countries stating they do not intend to export their assigned quota. It is estimated that an additional 19,842 STRV will enter as a consequence of these two actions. The 2020/21 raw sugar shortfall decreases from 74,957 STRV last month to 55,116. High-tier tariff imports for 2021/22 are increased by 25,000 STRV after the importation of high-tier tariff raw sugar in October by a major U.S. refiner.

Sugar use for 2021/22 is unchanged from last month but is reduced for 2020/21 by 55,863 STRV. Deliveries for human consumption for 2020/21 are estimated at 12.109 million STRV, a decrease of 90,835 and arguably attributable to challenges faced by refiners after Hurricane Ida. Cane sugar deliveries for September were 9.4 percent below the average of the previous 5 years and at the lowest level since 2011/12. Ending stocks for 2020/21 are reported in Sweetener Market Data at 1,728,209 STRV for an ending stocks-to ratio of 14.0 percent. Ending stocks for 2021/22 are residually projected at 1,765,294 STRV for an ending stocks-to-use ratio of 14.3 percent.

Mexico sugar production for 2021/22 is projected at 5.979 million metric tons (MT), an increase of 39,000 over last month due to good moisture in most growing areas. The USDA forecast is about 137,500 MT less than the CONADESUCA forecast made by authorities in Mexico due mainly to differing forecasts of factory yields. Deliveries for 2021/22 are down from last month by 13,962 MT on a continuing decline in human consumption only partially offset by increased deliveries to the IMMEX program for the export of sugar-containing

products. Ending stocks are reduced by only a small amount needed to meet use in 2022/23 before the start of sugar production in mid-November of 2022. Exports are residually increased by 99,314 MT to 1.777 million.

LIVESTOCK, POULTRY, AND DAIRY: The forecast for 2021 total red meat and poultry production is raised from last month. Beef production is raised from the previous month on higher expected slaughter of fed cattle and heavier carcass weights. The pork production forecast is raised slightly as heavier carcass weights more than offset lower expected slaughter in the fourth quarter. The broiler production forecast is raised on recent hatchery and slaughter data. Turkey production is raised on September production data; no change is made to the fourth quarter production forecast. The egg production forecast is raised on recent production data and higher expected table egg production in the fourth quarter.

For 2022, the total red meat and poultry forecast is raised slightly from last month. Beef and turkey production forecasts are raised, while the pork and broiler production forecasts are unchanged from last month. The egg production forecast is raised from last month.

The 2021 and 2022 beef import forecasts are raised from last month on robust domestic demand for beef. The 2021 beef export forecast is raised on recent trade data and continued strong demand from top trading partners. No change is made to the 2022 beef export forecast. Pork exports are reduced on September trade data; no change is made to the forecasts for outlying periods. Broiler export forecasts for 2021 and 2022 are raised on stronger expected demand. The 2021 and 2022 turkey export forecasts are raised modestly from last month.

Cattle price forecasts for 2021 and 2022 are raised on continued firm demand. The hog price forecast is reduced for fourth-quarter 2021 on recent price weakness. This weakness is expected to carry into first-quarter 2022, and the annual price forecast is lowered. The 2021 and 2022 broiler and turkey price forecasts are raised from the previous month on current prices and expected strength in demand.

The milk production forecasts for 2021 and 2022 are reduced from the previous month on lower expected dairy cow numbers and slower growth in milk per cow. Fat basis import forecasts for 2021 and 2022 are reduced on lower expected imports of butterfat products. Fat basis export forecasts for 2021 and 2022 are raised on higher expected exports of cheese and butterfat products. The skim-solids basis import forecast for 2021 is raised while 2022 imports are unchanged from last month. The 2021 and 2022 skim-solids basis export forecasts are unchanged from last month.

Butter, nonfat dry milk (NDM), and whey price forecasts for 2021 are raised from last month on strength in demand and lower expected production. The cheese price forecast for 2021 is reduced on current prices and continued large supplies. The 2021 Class III price forecast is reduced from last month as the lower forecast cheese price more than offsets the higher whey price. The Class IV price forecast is raised on higher NDM and butter prices. The 2021 all milk price forecast is raised to \$18.50 per cwt.

For 2022, cheese, butter, NDM, and whey price forecasts are raised on strength in demand and lower expected milk supplies. The 2021 Class III and Class IV price forecasts are raised

on higher forecast dairy product prices. The all milk price for 2022 is raised to \$20.25 per cwt.

COTTON: This month's 2021/22 U.S. cotton estimates are largely unchanged from October. The U.S. production forecast is slightly higher, at 18.2 million bales, while domestic mill use and exports are unchanged. U.S. ending stocks are 200,000 bales higher at 3.4 million—19 percent of use—and 250,000 above the previous year. The projected marketing-year average price received by upland producers is unchanged this month at 90 cents per pound, a 36 percent year-to-year increase.

The global cotton balance sheet for 2021/22 includes higher production and consumption, and slightly lower ending stocks. Beginning stocks this month are also lower, by 1 million bales, due to higher estimated consumption in earlier years for India, Pakistan, and Mexico. Their projected use in the current year is also higher this month, and total global consumption is up 700,000 bales. The world production forecast is 1.5 million bales higher as gains for Brazil, Australia, Pakistan, and the United States more than offset a 200,000-bale decline in Greece following unusually heavy October rainfall. World ending stocks are projected at 86.9 million bales, 200,000 bales lower than in October, and 2.4 million bales lower than in 2020/21.

Approved by the Secretary of Agriculture and the Chairman of the World Agricultural Outlook Board, Mark Jekanowski, (202) 720-6030. This report was prepared by the Interagency Commodity Estimates Committees.

APPROVED BY:

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

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SECRETARY OF AGRICULTURE DESIGNATE

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In 2021, the WASDE report will be released on Dec 9.

In 2022 the WASDE report will be released on Jan 12, Feb 9, Mar 9, Apr 8, May 12, Jun 10, Jul 12, Aug 12, Sep 12, Oct 12, Nov 9, and Dec 9.

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

World			Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2019/20		2677.42	3486.39	448.48	2672.16	814.23
	2020/21 (Est.)		2712.40	3526.63	478.45	2729.90	796.73
	2021/22 (Proj.)	Oct	2780.53	3573.68	498.97	2785.37	788.31
		Nov	2786.00	3582.74	504.21	2789.25	793.48
Wheat	2019/20		762.21	1042.90	194.33	747.40	295.50
	2020/21 (Est.)		774.66	1070.16	202.25	782.21	287.95
	2021/22 (Proj.)	Oct	775.87	1064.23	199.63	787.05	277.18
		Nov	775.28	1063.23	203.16	787.42	275.80
Coarse Grains 5/	2019/20		1416.30	1767.96	210.74	1431.01	336.95
	2020/21 (Est.)		1430.45	1767.40	226.63	1446.10	321.30
	2021/22 (Proj.)	Oct	1493.96	1813.52	249.63	1486.01	327.51
		Nov	1499.01	1820.30	251.39	1490.56	329.74
Rice, milled	2019/20		498.91	675.52	43.41	493.75	181.77
	2020/21 (Est.)		507.30	689.07	49.58	501.59	187.49
	2021/22 (Proj.)	Oct	510.70	695.94	49.72	512.31	183.63
		Nov	511.72	699.21	49.66	511.27	187.94
United States							
Total Grains 4/	2019/20		417.89	516.29	79.82	355.75	80.73
	2020/21 (Est.)		429.86	516.87	107.45	350.97	58.45
	2021/22 (Proj.)	Oct	447.69	512.81	98.61	356.63	57.57
		Nov	448.89	513.71	98.17	358.01	57.53
Wheat	2019/20		52.58	84.79	26.37	30.44	27.99
	2020/21 (Est.)		49.75	80.46	26.99	30.47	23.00
	2021/22 (Proj.)	Oct	44.79	71.20	23.81	31.60	15.79
		Nov	44.79	70.92	23.41	31.65	15.87
Coarse Grains 5/	2019/20		359.43	423.01	50.46	320.73	51.83
	2020/21 (Est.)		372.89	427.19	77.48	315.65	34.06
	2021/22 (Proj.)	Oct	396.85	433.04	71.91	320.40	40.73
		Nov	397.95	434.13	71.91	321.67	40.56
Rice, milled	2019/20		5.88	8.49	2.99	4.59	0.91
	2020/21 (Est.)		7.23	9.22	2.98	4.85	1.39
	2021/22 (Proj.)	Oct	6.05	8.58	2.89	4.64	1.06
		Nov	6.15	8.65	2.86	4.68	1.11

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/	2019/20		2,259.53	2,970.09	368.67	2,316.41	733.50
	2020/21 (Est.)		2,282.54	3,009.76	371.00	2,378.93	738.28
	2021/22 (Proj.)	Oct	2,332.83	3,060.87	400.37	2,428.74	730.74
		Nov	2,337.11	3,069.03	406.05	2,431.25	735.95
Wheat	2019/20		709.63	958.11	167.96	716.96	267.52
	2020/21 (Est.)		724.91	989.70	175.26	751.74	264.95
	2021/22 (Proj.)	Oct	731.08	993.03	175.81	755.45	261.39
		Nov	730.49	992.30	179.76	755.77	259.94
Coarse Grains 5/	2019/20		1,056.86	1,344.95	160.29	1,110.29	285.12
	2020/21 (Est.)		1,057.56	1,340.21	149.15	1,130.45	287.23
	2021/22 (Proj.)	Oct	1,097.11	1,380.48	177.72	1,165.61	286.78
		Nov	1,101.06	1,386.17	179.48	1,168.89	289.18
Rice, milled	2019/20		493.03	667.03	40.42	489.16	180.86
	2020/21 (Est.)		500.07	679.86	46.59	496.74	186.10
	2021/22 (Proj.)	Oct	504.65	687.36	46.83	507.67	182.57
		Nov	505.57	690.55	46.80	506.58	186.83

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	2019/20		121.40	200.91	41.23	103.07	97.45
	2020/21 (Est.)		112.16	209.61	48.41	120.88	89.28
	2021/22 (Proj.)	Oct	120.28	210.58	46.43	123.40	87.13
		Nov	121.79	211.07	46.61	124.10	86.93
United States	2019/20		19.91	24.77	15.51	2.15	7.25
	2020/21 (Est.)		14.61	21.86	16.37	2.40	3.15
	2021/22 (Proj.)	Oct	18.00	21.16	15.50	2.50	3.20
		Nov	18.20	21.35	15.50	2.50	3.40
Foreign 4/	2019/20		101.49	176.15	25.72	100.92	90.20
	2020/21 (Est.)		97.55	187.75	32.03	118.48	86.13
	2021/22 (Proj.)	Oct	102.28	189.42	30.93	120.90	83.93
		Nov	103.59	189.72	31.11	121.60	83.53

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	2019/20		580.84	714.67	190.77	508.49	112.55	
	2020/21 (Est.)		603.32	715.88	190.81	509.33	113.71	
	2021/22 (Proj.)	Oct	628.24	741.56	197.01	526.23	116.50	
		Nov	628.03	741.75	195.47	527.20	115.19	
	Oilmeals	2019/20		346.77	365.91	95.42	341.66	18.86
		2020/21 (Est.)		349.26	368.12	96.73	346.26	16.59
2021/22 (Proj.)		Oct	360.71	377.00	98.25	355.45	16.28	
	Nov	361.31	377.90	99.02	355.20	16.98		
Vegetable Oils	2019/20		207.32	233.01	86.78	202.41	26.49	
	2020/21 (Est.)		206.58	233.07	83.98	205.98	25.03	
	2021/22 (Proj.)	Oct	214.55	238.75	90.60	212.25	22.95	
		Nov	214.80	239.82	90.83	211.79	24.01	
United States								
Oilseeds	2019/20		106.98	134.74	46.97	63.04	15.96	
	2020/21 (Est.)		124.56	141.73	62.77	62.70	8.58	
	2021/22 (Proj.)	Oct	130.83	140.48	57.96	63.59	10.21	
		Nov	130.24	139.89	56.87	63.61	10.66	
	Oilmeals	2019/20		48.76	53.31	12.83	40.09	0.39
		2020/21 (Est.)		48.27	53.04	12.72	39.94	0.39
2021/22 (Proj.)		Oct	49.17	53.16	13.13	39.60	0.44	
	Nov	49.24	53.18	13.13	39.61	0.44		
Vegetable Oils	2019/20		12.64	18.71	1.50	16.00	1.21	
	2020/21 (Est.)		12.72	18.87	1.04	16.52	1.32	
	2021/22 (Proj.)	Oct	12.84	19.10	0.76	17.16	1.18	
		Nov	12.85	19.22	0.76	17.25	1.22	
Foreign 3/								
Oilseeds	2019/20		473.86	579.94	143.80	445.46	96.60	
	2020/21 (Est.)		478.76	574.15	128.04	446.62	105.13	
	2021/22 (Proj.)	Oct	497.40	601.07	139.05	462.64	106.29	
		Nov	497.80	601.86	138.60	463.60	104.53	
	Oilmeals	2019/20		298.00	312.60	82.59	301.56	18.48
		2020/21 (Est.)		300.99	315.08	84.01	306.32	16.20
2021/22 (Proj.)		Oct	311.53	323.84	85.12	315.85	15.84	
	Nov	312.07	324.72	85.89	315.59	16.54		
Vegetable Oils	2019/20		194.68	214.31	85.28	186.42	25.28	
	2020/21 (Est.)		193.86	214.20	82.94	189.45	23.71	
	2021/22 (Proj.)	Oct	201.71	219.65	89.83	195.09	21.77	
		Nov	201.95	220.60	90.07	194.55	22.79	

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/

	2019/20	2020/21 Est.	2021/22 Proj. Oct	2021/22 Proj. Nov
			<i>Million Acres</i>	
Area Planted	45.5	44.5	46.7	46.7
Area Harvested	37.4	36.8	37.2	37.2
			<i>Bushels</i>	
Yield per Harvested Acre	51.7	49.7	44.3	44.3
			<i>Million Bushels</i>	
Beginning Stocks	1,080	1,028	845	845
Production	1,932	1,828	1,646	1,646
Imports	104	100	125	115
Supply, Total	3,116	2,957	2,616	2,606
Food	962	961	964	962
Seed	60	64	62	66
Feed and Residual	97	95	135	135
Domestic, Total	1,118	1,120	1,161	1,163
Exports	969	992	875	860
Use, Total	2,087	2,111	2,036	2,023
Ending Stocks	1,028	845	580	583
Avg. Farm Price (\$/bu) 2/	4.58	5.05	6.70	6.90

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red	Hard Red	Soft Red	White	Durum	Total
		Winter	Spring	Winter			
		<i>Million</i>			<i>Bushels</i>		
2020/21 (Est.)	Beginning Stocks	506	280	105	95	42	1,028
	Production	659	531	266	303	69	1,828
	Supply, Total 3/	1,169	858	376	404	148	2,957
	Domestic Use	402	339	222	64	93	1,120
	Exports	340	284	69	270	28	992
	Use, Total	742	623	291	334	121	2,111
	Ending Stocks, Total	428	235	85	70	27	845
2021/22 (Proj.)	Beginning Stocks	428	235	85	70	27	845
	Production	749	297	361	201	37	1,646
	Supply, Total 3/	1,182	587	451	276	110	2,606
	Domestic Use	523	245	238	80	78	1,163
	Exports	360	215	120	150	15	860
	Use, Total	883	460	358	230	93	2,023
	Ending Stocks, Total	Nov 299	127	93	46	17	583
	Oct	311	113	94	41	20	580

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/

FEED GRAINS	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			Oct	Nov
			<i>Million Acres</i>	
Area Planted	100.6	102.3	105.9	105.9
Area Harvested	89.1	90.6	94.2	94.2
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.03	4.11	4.21	4.22
			<i>Million Metric Tons</i>	
Beginning Stocks	60.5	51.8	34.0	34.0
Production	359.2	372.6	396.6	397.7
Imports	2.8	2.2	2.0	2.0
Supply, Total	422.4	426.6	432.6	433.7
Feed and Residual	154.3	146.3	147.7	147.7
Food, Seed & Industrial	165.9	168.8	172.3	173.6
Domestic, Total	320.2	315.1	320.0	321.3
Exports	50.4	77.5	71.9	71.9
Use, Total	370.6	392.6	391.9	393.2
Ending Stocks	51.8	34.0	40.7	40.5
CORN				
			<i>Million Acres</i>	
Area Planted	89.7	90.7	93.3	93.3
Area Harvested	81.3	82.3	85.1	85.1
			<i>Bushels</i>	
Yield per Harvested Acre	167.5	171.4	176.5	177.0
			<i>Million Bushels</i>	
Beginning Stocks	2,221	1,919	1,236	1,236
Production	13,620	14,111	15,019	15,062
Imports	42	24	25	25
Supply, Total	15,883	16,055	16,280	16,323
Feed and Residual	5,900	5,601	5,650	5,650
Food, Seed & Industrial 2/	6,286	6,465	6,630	6,680
Ethanol & by-products 3/	4,857	5,028	5,200	5,250
Domestic, Total	12,186	12,066	12,280	12,330
Exports	1,777	2,753	2,500	2,500
Use, Total	13,963	14,819	14,780	14,830
Ending Stocks	1,919	1,236	1,500	1,493
Avg. Farm Price (\$/bu) 4/	3.56	4.53	5.45	5.45

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	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			Oct	Nov
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.3	5.9	7.3	7.3
Area Harvested (mil. acres)	4.7	5.1	6.5	6.5
Yield (bushels/acre)	73.0	73.2	72.3	72.3
Beginning Stocks	64	30	20	20
Production	341	373	471	471
Imports	0	0	0	0
Supply, Total	405	403	492	492
Feed and Residual	97	89	125	125
Food, Seed & Industrial	75	10	10	10
Total Domestic	172	99	135	135
Exports	203	284	320	320
Use, Total	375	383	455	455
Ending Stocks	30	20	37	37
Avg. Farm Price (\$/bu) 2/	3.34	5.04	5.45	5.45
BARLEY				
Area Planted (mil. acres)	2.8	2.7	2.7	2.7
Area Harvested (mil. acres)	2.2	2.2	1.9	1.9
Yield (bushels/acre)	77.7	77.2	60.4	60.4
Beginning Stocks	87	80	71	71
Production	172	171	118	118
Imports	7	7	7	7
Supply, Total	266	258	196	196
Feed and Residual	38	26	10	10
Food, Seed & Industrial	142	147	115	115
Total Domestic	180	172	125	125
Exports	6	14	11	11
Use, Total	186	186	136	136
Ending Stocks	80	71	60	60
Avg. Farm Price (\$/bu) 2/	4.69	4.75	5.30	5.15
OATS				
Area Planted (mil. acres)	2.8	3.0	2.6	2.6
Area Harvested (mil. acres)	0.8	1.0	0.7	0.7
Yield (bushels/acre)	64.3	65.1	61.3	61.3
Beginning Stocks	38	37	38	38
Production	53	66	40	40
Imports	92	85	69	69
Supply, Total	183	188	147	147
Feed and Residual	63	68	40	40
Food, Seed & Industrial	82	78	80	80
Total Domestic	144	147	120	120
Exports	2	3	2	2
Use, Total	146	150	122	122
Ending Stocks	37	38	25	25
Avg. Farm Price (\$/bu) 2/	2.82	2.77	3.60	3.65

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	2019/20	2020/21 Est.	2021/22 Proj. Oct	2021/22 Proj. Nov
		<i>Million Acres</i>		
Area Planted	2.55	3.04	2.54	2.54
Area Harvested	2.48	2.99	2.50	2.50
		<i>Pounds</i>		
Yield per Harvested Acre	7,473	7,619	7,625	7,756
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	44.9	28.7	43.7	43.7
Production	185.1	227.6	190.5	193.8
Imports	37.3	34.1	36.0	35.0
Supply, Total	267.3	290.3	270.2	272.5
Domestic & Residual 3/	144.4	152.7	146.0	147.5
Exports, Total 4/	94.2	93.9	91.0	90.0
Rough	31.3	34.6	33.0	33.0
Milled (rough equiv.)	62.9	59.3	58.0	57.0
Use, Total	238.6	246.6	237.0	237.5
Ending Stocks	28.7	43.7	33.2	35.0
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	13.60	14.00	14.80	14.80
LONG-GRAIN RICE				
Harvested Acres (mil.)	1.73	2.30		
Yield (pounds/acre)	7,261	7,422		
Beginning Stocks	32.6	16.9	29.7	29.7
Imports	29.8	27.4	28.0	27.0
Production	125.6	170.9	144.3	146.7
Supply, Total 7/	188.0	215.1	202.0	203.5
Domestic & Residual 3/	106.3	120.3	114.0	115.0
Exports 8/	64.8	65.1	65.0	64.0
Use, Total	171.1	185.4	179.0	179.0
Ending Stocks	16.9	29.7	23.0	24.5
Avg. Farm Price (\$/cwt) 6/	12.00	12.60	13.00	13.00
MEDIUM & SHORT-GRAIN RICE				
Harvested Acres (mil.)	0.75	0.69		
Yield (pounds/acre)	7,964	8,282		
Beginning Stocks	10.2	10.7	11.5	11.5
Imports	7.6	6.7	8.0	8.0
Production	59.5	56.7	46.3	47.1
Supply, Total 7/	78.3	72.7	65.7	66.5
Domestic & Residual 3/	38.2	32.4	32.0	32.5
Exports 8/	29.4	28.8	26.0	26.0
Use, Total	67.6	61.2	58.0	58.5
Ending Stocks	10.7	11.5	7.7	8.0
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.20	18.80	20.10	20.10
California 10/	21.60	20.90	23.00	23.00
Other States 1/	11.60	13.10	14.00	14.00

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): 2017/18-1.4; 2018/19-2.1; 2019/20-1.0. 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 California 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. 10/ Marketing year beginning October 1.

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

SOYBEANS	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			Oct	Nov
		<i>Million Acres</i>		
Area Planted	76.1	83.4	87.2	87.2
Area Harvested	74.9	82.6	86.4	86.4
		<i>Bushels</i>		
Yield per Harvested Acre	47.4	51.0	51.5	51.2
		<i>Million Bushels</i>		
Beginning Stocks	909	525	256	256
Production	3,552	4,216	4,448	4,425
Imports	15	20	15	15
Supply, Total	4,476	4,761	4,719	4,696
Crushings	2,165	2,141	2,190	2,190
Exports	1,679	2,265	2,090	2,050
Seed	97	101	104	102
Residual	11	-3	15	15
Use, Total	3,952	4,505	4,399	4,356
Ending Stocks	525	256	320	340
Avg. Farm Price (\$/bu) 2/	8.57	10.80	12.35	12.10
SOYBEAN OIL				
		<i>Million Pounds</i>		
Beginning Stocks	1,775	1,853	2,063	2,177
Production 4/	24,911	25,023	25,535	25,535
Imports	320	302	450	450
Supply, Total	27,006	27,177	28,048	28,162
Domestic Disappearance	22,317	23,277	25,000	25,000
Biofuel 3/	8,658	8,850	11,000	11,000
Food, Feed & other Industrial	13,659	14,427	14,000	14,000
Exports	2,837	1,723	1,250	1,250
Use, Total	25,154	25,000	26,250	26,250
Ending stocks	1,853	2,177	1,798	1,912
Avg. Price (c/lb) 2/	29.65	56.87	65.00	65.00
SOYBEAN MEAL				
		<i>Thousand Short Tons</i>		
Beginning Stocks	402	341	400	341
Production 4/	51,100	50,565	51,650	51,709
Imports	639	783	450	450
Supply, Total	52,142	51,689	52,500	52,500
Domestic Disappearance	37,967	37,580	37,900	37,900
Exports	13,834	13,768	14,200	14,200
Use, Total	51,801	51,348	52,100	52,100
Ending Stocks	341	341	400	400
Avg. Price (\$/s.t.) 2/	299.50	392.31	325.00	325.00

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 soybean oil used for biofuels as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 2,134 million bushels for 2020/21 and 2,190 million bushels for 2021/22.

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U.S. Sugar Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj. Oct	2021/22 Proj. Nov
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,783	1,618	1,681	1,728
Production 2/	8,149	9,230	9,286	9,332
Beet Sugar	4,351	5,092	5,348	5,413
Cane Sugar	3,798	4,139	3,939	3,919
Florida	2,106	2,089	2,005	2,005
Louisiana	1,566	1,916	1,804	1,784
Texas	126	134	130	130
Imports	4,165	3,195	3,000	3,045
TRQ 3/	2,152	1,749	1,591	1,611
Other Program 4/	432	292	250	250
Other 5/	1,581	1,154	1,159	1,184
Mexico	1,376	968	1,084	1,084
Total Supply	14,097	14,043	13,967	14,105
Exports	61	49	35	35
Deliveries	12,344	12,225	12,305	12,305
Food	12,246	12,109	12,200	12,200
Other 6/	98	116	105	105
Miscellaneous	74	40	0	0
Total Use	12,479	12,315	12,340	12,340
Ending Stocks	1,618	1,728	1,627	1,765
Stocks to Use Ratio	13.0	14.0	13.2	14.3

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2020/21 and 2021/22 are based on Crop Production and/or processor projections/industry data and/or sugar ICEC analysis where appropriate. 3/ For 2020/21, WTO raw sugar TRQ shortfall (55) and for 2021/22 (251). 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 (206), 2020/21 (186), and 2021/22 (100). 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: 2019/20 -- 298; estimated 2020/21 -- 347; projected 2021/22 -- 358.

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	2020/21 Est.						
	Oct	858	5,715	67	4,469	1,161	1,010
	Nov	858	5,715	65	4,420	1,165	1,053
2021/22 Proj.	Oct	1,010	5,940	63	4,415	1,678	920
	Nov	1,053	5,979	63	4,401	1,777	917

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2019/20 = 1,388; Estimated 2020/21 = 1,320; Projected 2021/22 = 1,310. 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: 2020/21 (485 est = 451 dom. + 33 import); 2021/22 (486 proj = 451 dom. + 35 import). Statistical Adjustments: 2020/21 (0), 2021/22 (0).

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U.S. Cotton Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj. Oct	2021/22 Proj. Nov
Area		<i>Million Acres</i>		
Planted	13.74	12.09	11.19	11.19
Harvested	11.50	8.27	9.92	9.92
		<i>Pounds</i>		
Yield per Harvested Acre	831	847	871	880
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	4.85	7.25	3.15	3.15
Production	19.91	14.61	18.00	18.20
Imports	0.00	0.00	0.01	0.01
Supply, Total	24.77	21.86	21.16	21.35
Domestic Use	2.15	2.40	2.50	2.50
Exports, Total	15.51	16.37	15.50	15.50
Use, Total	17.66	18.77	18.00	18.00
Unaccounted 2/	-0.15	-0.06	-0.04	-0.05
Ending Stocks	7.25	3.15	3.20	3.40
Avg. Farm Price 3/	59.6	66.3	90.0	90.0

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)

2019/20	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	280.69	762.21	188.17	139.19	747.40	194.33	295.50
World Less China	142.60	628.61	182.79	120.19	621.40	193.28	145.49
United States	29.39	52.58	2.83	2.63	30.44	26.37	27.99
Total Foreign	251.31	709.63	185.34	136.56	716.96	167.96	267.52
Major Exporters 4/	37.35	308.45	7.55	73.38	179.61	141.82	31.92
Argentina	1.74	19.78	0.01	0.05	6.35	12.79	2.39
Australia	4.44	14.48	0.89	4.50	8.00	9.14	2.68
Canada	6.04	32.67	0.68	4.13	9.26	24.63	5.50
European Union 5/	15.80	138.74	5.55	45.50	107.70	39.77	12.62
Russia	7.78	73.61	0.33	17.00	40.00	34.49	7.23
Ukraine	1.56	29.17	0.09	2.20	8.30	21.02	1.50
Major Importers 6/	178.71	201.29	122.78	37.09	297.91	13.21	191.67
Bangladesh	1.26	1.20	6.80	0.30	7.50	0.00	1.76
Brazil	1.06	5.20	7.03	0.50	12.10	0.43	0.76
China	138.09	133.60	5.38	19.00	126.00	1.05	150.02
Japan	1.08	1.10	5.68	0.65	6.37	0.29	1.21
N. Africa 7/	15.54	18.40	27.74	1.85	46.25	1.07	14.36
Nigeria	0.20	0.06	5.34	0.05	4.90	0.40	0.30
Sel. Mideast 8/	10.76	20.95	18.49	3.60	38.47	0.78	10.94
Southeast Asia 9/	5.95	0.00	26.46	7.94	25.37	1.13	5.91
Selected Other							
India	16.99	103.60	0.02	6.00	95.40	0.51	24.70
Kazakhstan	1.71	11.45	0.58	1.30	6.10	6.99	0.66
United Kingdom	1.91	15.60	1.75	7.70	15.20	1.62	2.44
2020/21 Est.							
World 3/	295.50	774.66	194.18	157.14	782.21	202.25	287.95
World Less China	145.49	640.41	183.56	117.14	632.21	201.48	143.83
United States	27.99	49.75	2.73	2.59	30.47	26.99	23.00
Total Foreign	267.52	724.91	191.45	154.54	751.74	175.26	264.95
Major Exporters 4/	31.92	322.61	6.66	72.33	178.93	147.19	35.08
Argentina	2.39	17.65	0.01	0.05	6.35	11.20	2.49
Australia	2.68	33.00	0.20	4.50	8.00	24.50	3.38
Canada	5.50	35.18	0.55	4.18	9.13	26.41	5.69
European Union 5/	12.62	126.01	5.38	42.00	104.25	29.73	10.04
Russia	7.23	85.35	0.40	19.00	42.50	38.50	11.98
Ukraine	1.50	25.42	0.13	2.60	8.70	16.85	1.51
Major Importers 6/	191.67	201.00	124.86	57.38	323.92	12.62	180.99
Bangladesh	1.76	1.18	7.20	0.50	8.00	0.00	2.14
Brazil	0.76	6.25	6.40	0.40	12.05	0.93	0.43
China	150.02	134.25	10.62	40.00	150.00	0.76	144.12
Japan	1.21	1.00	5.49	0.65	6.35	0.30	1.05
N. Africa 7/	14.36	16.60	28.50	1.75	46.82	0.80	11.84
Nigeria	0.30	0.06	6.59	0.05	5.55	0.60	0.79
Sel. Mideast 8/	10.94	20.43	17.74	3.54	38.95	0.62	9.54
Southeast Asia 9/	5.91	0.00	25.64	7.09	24.85	1.14	5.56
Selected Other							
India	24.70	107.86	0.02	6.50	102.22	2.56	27.80
Kazakhstan	0.66	14.26	0.80	1.45	6.25	8.19	1.28
United Kingdom	2.44	9.66	3.22	5.96	13.46	0.45	1.42

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)

2021/22 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Oct	288.36	775.87	198.05	158.69	787.05	199.63	277.18
	Nov	287.95	775.28	201.05	158.56	787.42	203.16	275.80
World Less China	Oct	144.24	638.97	188.05	122.69	638.05	198.63	136.16
	Nov	143.83	638.38	191.05	122.56	638.42	202.16	134.78
United States	Oct	23.00	44.79	3.40	3.67	31.60	23.81	15.79
	Nov	23.00	44.79	3.13	3.67	31.65	23.41	15.87
Total Foreign	Oct	265.35	731.08	194.64	155.01	755.46	175.81	261.39
	Nov	264.95	730.49	197.92	154.89	755.77	179.76	259.94
Major Exporters 4/	Oct	35.76	317.40	6.80	74.15	180.75	146.00	33.21
	Nov	35.08	318.40	6.80	73.45	180.05	148.50	31.73
Argentina	Oct	2.69	20.00	0.00	0.05	6.45	13.50	2.74
	Nov	2.49	20.00	0.00	0.05	6.45	13.50	2.54
Australia	Oct	3.88	31.50	0.20	4.50	8.00	23.50	4.08
	Nov	3.38	31.50	0.20	4.50	8.00	23.50	3.58
Canada	Oct	5.69	21.00	0.70	2.80	7.90	15.00	4.49
	Nov	5.69	21.00	0.70	2.80	7.90	15.00	4.49
European Union 5/	Oct	10.02	139.40	5.30	46.00	108.50	35.50	10.72
	Nov	10.04	138.40	5.30	45.00	107.50	36.50	9.74
Russia	Oct	11.98	72.50	0.50	17.50	40.50	35.00	9.48
	Nov	11.98	74.50	0.50	18.00	41.00	36.00	9.98
Ukraine	Oct	1.51	33.00	0.10	3.30	9.40	23.50	1.71
	Nov	1.51	33.00	0.10	3.10	9.20	24.00	1.41
Major Importers 6/	Oct	180.55	207.39	128.80	53.99	326.07	13.07	177.60
	Nov	180.99	207.17	132.00	55.04	327.39	13.52	179.25
Bangladesh	Oct	2.14	1.13	7.40	0.60	8.45	0.00	2.22
	Nov	2.14	1.13	7.40	0.60	8.45	0.00	2.22
Brazil	Oct	0.51	7.90	6.50	0.80	12.60	1.30	1.01
	Nov	0.43	7.90	6.50	0.80	12.60	1.30	0.93
China	Oct	144.12	136.90	10.00	36.00	149.00	1.00	141.02
	Nov	144.12	136.90	10.00	36.00	149.00	1.00	141.02
Japan	Oct	1.04	1.10	5.60	0.63	6.30	0.30	1.14
	Nov	1.05	1.10	5.60	0.63	6.30	0.30	1.15
N. Africa 7/	Oct	11.84	21.59	27.80	1.95	47.70	1.01	12.52
	Nov	11.84	21.59	28.30	1.95	47.80	1.01	12.92
Nigeria	Oct	0.79	0.06	5.80	0.05	5.75	0.50	0.39
	Nov	0.79	0.09	6.00	0.05	5.75	0.60	0.53
Sel. Mideast 8/	Oct	9.06	18.99	21.05	3.57	39.45	0.61	9.04
	Nov	9.54	18.99	22.55	4.07	40.10	0.71	10.27
Southeast Asia 9/	Oct	5.53	0.00	25.65	6.90	24.88	1.16	5.14
	Nov	5.56	0.00	25.45	6.80	24.75	1.16	5.10
Selected Other								
	India	Oct	27.80	109.52	0.03	7.00	104.50	4.00
	Nov	27.80	109.52	0.03	7.00	104.50	5.00	27.85
Kazakhstan	Oct	1.47	12.00	0.80	1.25	6.05	7.20	1.02
	Nov	1.28	12.00	0.80	1.25	6.05	7.20	0.83
United Kingdom	Oct	1.42	15.00	2.00	7.70	15.70	0.70	2.02
	Nov	1.42	14.30	2.00	7.50	15.30	0.70	1.72

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

WASDE - 618 - 20

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

2019/20	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	351.67	1,416.30	205.07	882.72	1,431.01	210.74	336.95
World Less China	141.27	1,148.12	187.59	681.90	1,135.94	210.70	136.01
United States	60.47	359.43	3.11	154.53	320.73	50.45	51.83
Total Foreign	291.20	1,056.86	201.96	728.19	1,110.29	160.29	285.12
Major Exporters 4/	19.62	307.86	4.58	134.33	179.24	128.59	24.23
Argentina	3.62	58.13	0.02	12.12	17.78	39.32	4.68
Australia	2.43	11.90	0.01	5.61	7.57	3.87	2.89
Brazil	5.67	105.82	2.31	61.71	72.84	35.23	5.72
Canada	3.29	28.61	1.92	17.23	24.93	4.91	3.98
Russia	1.22	40.50	0.18	22.29	31.39	8.63	1.87
Ukraine	2.04	46.55	0.03	8.89	11.89	34.08	2.65
Major Importers 5/	37.34	248.23	142.37	292.94	375.02	15.98	36.94
European Union 6/	14.51	152.73	19.42	119.65	158.63	13.65	14.38
Japan	1.75	0.23	17.63	13.91	17.87	0.00	1.74
Mexico	5.78	32.10	17.60	30.83	50.31	1.03	4.14
N. Afr & Mideast 7/	7.39	33.22	41.65	64.98	73.45	0.69	8.12
Saudi Arabia	1.70	0.20	11.22	11.05	11.40	0.00	1.72
Southeast Asia 8/	3.38	29.40	18.20	38.50	46.55	0.61	3.82
South Korea	1.86	0.28	11.98	9.55	12.09	0.00	2.02
Selected Other							
China	210.40	268.18	17.48	200.82	295.07	0.04	200.94
2020/21 Est.							
World 3/	336.95	1,430.45	235.55	905.37	1,446.10	226.63	321.30
World Less China	136.01	1,162.43	185.01	684.52	1,133.80	226.62	114.11
United States	51.83	372.89	2.48	146.47	315.65	77.48	34.06
Total Foreign	285.12	1,057.56	233.07	758.90	1,130.45	149.15	287.23
Major Exporters 4/	24.23	293.91	6.12	136.45	182.94	119.81	21.50
Argentina	4.68	58.97	0.01	11.83	17.56	43.41	2.69
Australia	2.89	16.60	0.00	5.18	7.14	10.08	2.27
Brazil	5.72	89.96	4.00	64.52	76.46	17.51	5.72
Canada	3.98	29.64	1.90	16.92	24.68	7.22	3.62
Russia	1.87	41.40	0.09	21.57	31.14	10.34	1.88
Ukraine	2.65	39.59	0.07	9.15	12.30	28.05	1.96
Major Importers 5/	36.94	251.18	137.30	294.89	376.72	13.29	35.39
European Union 6/	14.38	153.93	15.98	120.74	159.59	11.31	13.40
Japan	1.74	0.23	16.98	13.32	17.20	0.00	1.75
Mexico	4.14	32.66	17.16	30.24	49.74	0.73	3.49
N. Afr & Mideast 7/	8.12	33.42	38.07	63.30	71.51	0.67	7.43
Saudi Arabia	1.72	0.19	10.03	10.25	10.61	0.00	1.33
Southeast Asia 8/	3.82	30.45	22.69	42.87	51.15	0.59	5.23
South Korea	2.02	0.22	11.81	9.55	12.05	0.00	2.01
Selected Other							
China	200.94	268.02	50.53	220.85	312.30	0.01	207.19

1/ Aggregate of local marketing years. Coarse grains include corn, sorghum, barley, oats, rye, millet, and mixed grains (for U.S. excludes millet and mixed grains). 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Brazil, Canada, Russia, South Africa, and Ukraine. 5/ 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.

WASDE - 618 - 21

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

2021/22 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Oct	319.56	1,493.96	230.96	918.54	1,486.01	249.63	327.51
	Nov	321.30	1,499.01	231.36	918.93	1,490.56	251.39	329.74
World Less China	Oct	114.11	1,213.56	185.26	686.64	1,164.31	249.58	117.71
	Nov	114.11	1,218.61	184.96	686.13	1,167.96	251.34	118.40
United States	Oct	34.06	396.85	2.12	147.71	320.40	71.91	40.73
	Nov	34.06	397.95	2.12	147.71	321.67	71.91	40.56
Total Foreign	Oct	285.49	1,097.11	228.84	770.83	1,165.61	177.72	286.78
	Nov	287.23	1,101.06	229.24	771.22	1,168.89	179.48	289.18
Major Exporters 4/	Oct	21.54	330.18	5.48	137.94	183.69	149.89	23.62
	Nov	21.50	331.14	5.48	137.46	183.26	151.09	23.78
Argentina	Oct	3.18	62.38	0.01	12.45	18.12	43.81	3.64
	Nov	2.69	63.88	0.01	12.45	18.12	44.81	3.64
Australia	Oct	2.32	15.70	0.00	5.26	7.32	9.18	1.52
	Nov	2.27	15.70	0.00	5.26	7.32	9.38	1.27
Brazil	Oct	5.22	122.02	2.20	65.59	77.53	43.03	8.89
	Nov	5.72	122.02	2.20	65.59	77.53	43.03	9.39
Canada	Oct	3.62	23.95	3.11	17.04	24.33	3.85	2.50
	Nov	3.62	23.95	3.11	17.04	24.33	3.85	2.50
Russia	Oct	1.88	38.70	0.10	21.30	30.25	9.18	1.25
	Nov	1.88	38.40	0.10	21.00	29.95	9.18	1.25
Ukraine	Oct	1.96	49.82	0.03	8.91	12.09	37.65	2.06
	Nov	1.96	49.59	0.03	8.72	11.96	37.65	1.97
Major Importers 5/	Oct	35.53	248.86	137.61	293.51	376.10	13.41	32.49
	Nov	35.39	249.46	137.61	293.86	376.35	13.71	32.41
European Union 6/	Oct	13.46	154.15	16.41	119.23	158.20	11.75	14.07
	Nov	13.40	155.30	16.41	120.03	159.00	12.05	14.06
Japan	Oct	1.69	0.25	17.24	13.83	17.77	0.00	1.40
	Nov	1.75	0.25	17.24	13.83	17.77	0.00	1.46
Mexico	Oct	3.50	33.75	17.55	30.86	50.34	0.70	3.76
	Nov	3.49	33.75	17.55	30.86	50.34	0.70	3.75
N. Afr & Mideast 7/	Oct	7.33	30.40	40.36	62.62	71.29	0.42	6.39
	Nov	7.43	30.05	40.76	62.77	71.44	0.42	6.38
Saudi Arabia	Oct	1.42	0.20	10.51	10.46	10.81	0.00	1.32
	Nov	1.33	0.20	10.01	9.86	10.21	0.00	1.33
Southeast Asia 8/	Oct	5.18	29.81	19.35	42.45	50.85	0.55	2.95
	Nov	5.23	29.61	19.45	42.45	50.75	0.55	2.99
South Korea	Oct	2.19	0.22	11.61	9.55	12.06	0.00	1.97
	Nov	2.01	0.22	11.61	9.55	12.06	0.00	1.78
Selected Other								
China	Oct	205.44	280.40	45.70	231.90	321.70	0.05	209.79
	Nov	207.19	280.40	46.40	232.80	322.60	0.05	211.34

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/ 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.

WASDE - 618 - 22

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

2019/20	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	322.37	1,119.68	167.76	715.65	1,135.57	172.33	306.48
World Less China	112.19	858.90	160.18	522.65	857.57	172.32	105.96
United States	56.41	345.96	1.06	149.87	309.55	45.13	48.76
Total Foreign	265.96	773.72	166.69	565.78	826.02	127.20	257.72
Major Exporters 4/	9.97	219.01	1.73	88.40	110.40	107.03	13.27
Argentina	2.37	51.00	0.00	9.50	13.50	36.25	3.62
Brazil	5.31	102.00	1.65	58.50	68.50	35.23	5.23
Russia	0.38	14.28	0.05	8.80	9.80	4.07	0.83
South Africa	1.02	15.84	0.00	6.40	12.20	2.55	2.12
Ukraine	0.89	35.89	0.03	5.20	6.40	28.93	1.48
Major Importers 5/	22.24	129.30	93.95	163.05	217.45	7.04	21.01
Egypt	1.81	6.40	10.43	14.40	16.90	0.01	1.73
European Union 6/	7.64	66.74	17.38	59.00	78.80	5.39	7.58
Japan	1.45	0.00	15.89	12.40	15.95	0.00	1.39
Mexico	5.16	26.66	16.53	25.60	43.80	1.03	3.52
Southeast Asia 7/	3.37	29.35	17.26	37.70	45.55	0.61	3.81
South Korea	1.84	0.08	11.88	9.50	11.80	0.00	2.00
Selected Other							0.00
Canada	1.98	13.40	1.84	8.64	13.96	0.71	2.56
China	210.18	260.78	7.58	193.00	278.00	0.01	200.53
2020/21 Est.							
World 3/	306.48	1,119.02	187.60	724.79	1,133.63	176.56	291.87
World Less China	105.96	858.35	158.09	521.79	848.63	176.56	86.16
United States	48.76	358.45	0.62	142.26	306.49	69.92	31.41
Total Foreign	257.72	760.57	186.98	582.52	827.14	106.64	260.46
Major Exporters 4/	13.27	197.57	3.58	93.10	116.20	86.90	11.32
Argentina	3.62	50.50	0.01	10.00	14.00	38.50	1.62
Brazil	5.23	86.00	3.50	61.00	72.00	17.50	5.23
Russia	0.83	13.87	0.04	9.00	10.10	3.90	0.74
South Africa	2.12	16.90	0.01	7.20	13.00	3.20	2.83
Ukraine	1.48	30.30	0.02	5.90	7.10	23.80	0.90
Major Importers 5/	21.01	128.71	93.23	163.00	217.45	4.90	20.61
Egypt	1.73	6.40	9.60	13.90	16.40	0.01	1.32
European Union 6/	7.58	64.41	14.60	56.40	76.10	3.60	6.89
Japan	1.39	0.00	15.48	11.90	15.40	0.00	1.47
Mexico	3.52	27.35	16.50	25.50	43.70	0.70	2.96
Southeast Asia 7/	3.81	30.40	20.84	41.20	49.25	0.59	5.22
South Korea	2.00	0.08	11.71	9.50	11.80	0.00	1.99
Selected Other							0.00
Canada	2.56	13.56	1.58	8.80	14.00	1.52	2.18
China	200.53	260.67	29.51	203.00	285.00	0.00	205.70

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

WASDE - 618 - 23

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

2021/22 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Oct	289.99	1,198.22	183.85	746.16	1,186.46	201.91	301.74
	Nov	291.87	1,204.62	183.42	747.23	1,192.07	203.47	304.42
World Less China	Oct	85.80	925.22	157.85	532.16	892.46	201.89	92.58
	Nov	86.16	931.62	157.42	533.23	898.07	203.45	93.73
United States	Oct	31.41	381.49	0.64	143.52	311.93	63.50	38.10
	Nov	31.41	382.59	0.64	143.52	313.20	63.50	37.94
Total Foreign	Oct	258.58	816.73	183.21	602.65	874.53	138.41	263.64
	Nov	260.46	822.03	182.78	603.72	878.88	139.97	266.48
Major Exporters 4/	Oct	11.32	241.00	1.77	94.90	118.20	120.20	15.69
	Nov	11.32	242.50	1.77	94.90	118.20	121.20	16.19
Argentina	Oct	2.12	53.00	0.01	10.50	14.50	38.00	2.63
	Nov	1.62	54.50	0.01	10.50	14.50	39.00	2.63
Brazil	Oct	4.73	118.00	1.70	62.00	73.00	43.00	8.43
	Nov	5.23	118.00	1.70	62.00	73.00	43.00	8.93
Russia	Oct	0.74	15.00	0.05	9.80	10.90	4.50	0.39
	Nov	0.74	15.00	0.05	9.80	10.90	4.50	0.39
South Africa	Oct	2.83	17.00	0.00	7.30	13.30	3.20	3.33
	Nov	2.83	17.00	0.00	7.30	13.30	3.20	3.33
Ukraine	Oct	0.90	38.00	0.02	5.30	6.50	31.50	0.91
	Nov	0.90	38.00	0.02	5.30	6.50	31.50	0.91
Major Importers 5/	Oct	20.68	130.62	90.90	163.80	218.50	5.35	18.35
	Nov	20.61	131.97	91.00	165.00	219.60	5.65	18.33
Egypt	Oct	1.32	6.40	10.00	13.90	16.40	0.01	1.32
	Nov	1.32	6.40	10.00	13.90	16.40	0.01	1.32
European Union 6/	Oct	6.89	66.30	15.00	57.00	76.80	4.10	7.29
	Nov	6.89	67.85	15.00	58.20	78.00	4.40	7.34
Japan	Oct	1.39	0.01	15.60	12.30	15.85	0.00	1.15
	Nov	1.47	0.01	15.60	12.30	15.85	0.00	1.22
Mexico	Oct	2.97	28.00	17.00	26.00	44.20	0.70	3.07
	Nov	2.96	28.00	17.00	26.00	44.20	0.70	3.06
Southeast Asia 7/	Oct	5.18	29.76	17.30	40.60	48.75	0.55	2.94
	Nov	5.22	29.56	17.40	40.60	48.65	0.55	2.98
South Korea	Oct	2.18	0.08	11.50	9.50	11.80	0.00	1.95
	Nov	1.99	0.08	11.50	9.50	11.80	0.00	1.77
Selected Other								
Canada	Oct	2.18	14.00	3.00	11.00	16.20	1.00	1.98
	Nov	2.18	14.00	3.00	11.00	16.20	1.00	1.98
China	Oct	204.19	273.00	26.00	214.00	294.00	0.02	209.17
	Nov	205.70	273.00	26.00	214.00	294.00	0.02	210.68

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

WASDE - 618 - 24

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

2019/20	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	176.61	498.91	42.32	493.75	43.41	181.77
World Less China	61.61	352.18	39.72	348.52	40.81	65.27
United States	1.42	5.88	1.19	4.59	2.99	0.91
Total Foreign	175.19	493.03	41.14	489.16	40.42	180.86
Major Exporters 4/	36.69	183.69	0.66	149.30	30.51	41.22
Burma	1.06	12.65	0.00	10.40	2.30	1.01
India	29.50	118.87	0.00	101.95	12.52	33.90
Pakistan	0.95	7.41	0.01	3.40	3.82	1.15
Thailand	4.08	17.66	0.25	12.30	5.71	3.98
Vietnam	1.10	27.10	0.40	21.25	6.17	1.18
Major Importers 5/	127.82	239.80	13.97	249.85	3.18	128.55
China	115.00	146.73	2.60	145.23	2.60	116.50
European Union 6/	1.19	1.99	2.00	3.39	0.53	1.26
Indonesia	4.06	34.70	0.55	36.00	0.00	3.31
Nigeria	1.22	5.04	1.40	6.85	0.00	0.81
Philippines	3.52	11.93	2.45	14.30	0.00	3.60
Sel. Mideast 7/	0.89	2.34	3.97	5.98	0.00	1.22
Selected Other						0.00
Brazil	0.25	7.60	0.87	7.30	1.22	0.21
C. Amer & Carib 8/	0.58	1.60	1.86	3.39	0.04	0.61
Egypt	0.95	4.30	0.30	4.30	0.02	1.23
Japan	2.05	7.61	0.71	8.35	0.03	1.98
Mexico	0.15	0.18	0.80	0.94	0.02	0.18
South Korea	1.09	3.74	0.45	4.10	0.06	1.14

2020/21 Est.

World 3/	181.77	507.30	46.81	501.59	49.58	187.49
World Less China	65.27	359.00	42.31	351.01	47.35	70.99
United States	0.91	7.23	1.08	4.85	2.98	1.39
Total Foreign	180.86	500.07	45.72	496.74	46.59	186.10
Major Exporters 4/	41.22	189.36	1.86	148.51	37.47	46.46
Burma	1.01	12.60	0.00	10.60	1.65	1.36
India	33.90	122.27	0.00	100.01	20.17	36.00
Pakistan	1.15	8.18	0.01	3.70	3.85	1.79
Thailand	3.98	18.86	0.20	12.70	5.60	4.74
Vietnam	1.18	27.44	1.65	21.50	6.20	2.57
Major Importers 5/	128.55	240.73	17.23	255.58	2.69	128.24
China	116.50	148.30	4.50	150.58	2.22	116.50
European Union 6/	1.26	1.95	1.78	3.40	0.44	1.15
Indonesia	3.31	35.30	0.60	35.80	0.00	3.41
Nigeria	0.81	4.89	1.90	6.90	0.00	0.70
Philippines	3.60	12.42	2.20	14.45	0.00	3.76
Sel. Mideast 7/	1.22	2.31	3.50	5.90	0.00	1.12
Selected Other						0.00
Brazil	0.21	8.00	0.70	7.45	0.85	0.61
C. Amer & Carib 8/	0.61	1.60	1.74	3.35	0.04	0.56
Egypt	1.23	4.00	0.35	4.30	0.01	1.28
Japan	1.98	7.57	0.69	8.25	0.08	1.91
Mexico	0.18	0.20	0.80	0.96	0.02	0.20
South Korea	1.14	3.51	0.45	4.00	0.06	1.04

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)

2021/22 Proj.		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Oct	185.24	510.70	46.79	512.31	49.72	183.63
	Nov	187.49	511.72	47.36	511.27	49.66	187.94
World Less China	Oct	68.74	361.70	42.79	357.21	47.32	71.63
	Nov	70.99	362.72	42.86	356.37	47.56	74.94
United States	Oct	1.39	6.05	1.14	4.64	2.89	1.06
	Nov	1.39	6.15	1.11	4.68	2.86	1.11
Total Foreign	Oct	183.86	504.65	45.65	507.67	46.83	182.57
	Nov	186.10	505.57	46.25	506.58	46.80	186.83
Major Exporters 4/	Oct	43.61	192.40	0.71	153.85	37.40	45.47
	Nov	46.46	192.40	0.71	152.45	37.70	49.42
Burma	Oct	1.31	12.60	0.00	10.65	2.00	1.27
	Nov	1.36	12.60	0.00	10.70	1.80	1.47
India	Oct	33.50	125.00	0.00	105.00	18.50	35.00
	Nov	36.00	125.00	0.00	103.50	19.00	38.50
Pakistan	Oct	1.79	8.20	0.01	3.90	4.00	2.10
	Nov	1.79	8.20	0.01	3.90	4.00	2.10
Thailand	Oct	4.74	19.50	0.20	13.00	6.50	4.94
	Nov	4.74	19.50	0.20	13.00	6.50	4.94
Vietnam	Oct	2.27	27.10	0.50	21.30	6.40	2.17
	Nov	2.57	27.10	0.50	21.35	6.40	2.42
Major Importers 5/	Oct	128.30	243.14	17.05	260.62	2.97	124.90
	Nov	128.24	243.14	17.63	260.62	2.60	125.80
China	Oct	116.50	149.00	4.00	155.10	2.40	112.00
	Nov	116.50	149.00	4.50	154.90	2.10	113.00
European Union 6/	Oct	1.14	1.89	2.00	3.45	0.55	1.03
	Nov	1.15	1.89	1.93	3.44	0.48	1.06
Indonesia	Oct	3.41	35.35	0.60	35.60	0.00	3.76
	Nov	3.41	35.35	0.60	35.60	0.00	3.76
Nigeria	Oct	0.70	5.00	2.00	6.95	0.00	0.75
	Nov	0.70	5.00	2.00	6.95	0.00	0.75
Philippines	Oct	3.76	12.30	2.20	14.55	0.00	3.71
	Nov	3.76	12.30	2.20	14.55	0.00	3.71
Sel. Mideast 7/	Oct	1.12	2.15	3.90	6.07	0.00	1.11
	Nov	1.12	2.15	3.85	5.98	0.00	1.15
Selected Other							
Brazil	Oct	0.61	8.02	0.65	7.45	1.05	0.78
	Nov	0.61	8.02	0.65	7.45	1.05	0.78
C. Amer & Carib 8/	Oct	0.56	1.65	1.89	3.44	0.02	0.63
	Nov	0.56	1.65	1.89	3.44	0.02	0.63
Egypt	Oct	1.28	2.90	0.90	4.25	0.01	0.82
	Nov	1.28	2.90	0.90	4.25	0.01	0.82
Japan	Oct	1.90	7.56	0.69	8.20	0.07	1.88
	Nov	1.91	7.56	0.69	8.20	0.07	1.88
Mexico	Oct	0.21	0.22	0.80	0.97	0.01	0.25
	Nov	0.20	0.22	0.80	0.97	0.01	0.24
South Korea	Oct	1.04	3.82	0.41	3.95	0.06	1.26
	Nov	1.04	3.82	0.41	3.95	0.06	1.26

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)**

2019/20	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	79.51	121.40	40.81	103.07	41.23	-0.04	97.45
World Less China	43.84	94.15	33.67	70.07	41.08	-0.04	60.55
United States	4.85	19.91	3/	2.15	15.51	-0.15	7.25
Total Foreign	74.66	101.49	40.81	100.92	25.72	0.11	90.20
Major Exporters 4/	27.75	57.81	2.92	28.17	21.23	0.02	39.05
Central Asia 5/	2.28	5.96	3/	3.92	1.78	0.00	2.55
Afr. Fr. Zone 6/	1.41	5.91	3/	0.13	4.66	0.00	2.53
S. Hemis. 7/	15.34	16.69	0.14	3.56	11.34	0.01	17.25
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	8.40	28.80	2.28	20.00	3.20	0.00	16.28
Major Importers 8/	44.95	40.62	35.44	69.04	3.19	0.09	48.69
Mexico	0.69	1.57	0.59	1.48	0.66	0.03	0.69
China	35.67	27.25	7.14	33.00	0.16	0.00	36.90
European Union 9/	0.29	2.00	0.58	0.59	1.82	0.01	0.44
Turkey	1.69	3.45	4.67	6.60	0.45	0.00	2.77
Pakistan	2.50	6.20	3.98	9.40	0.06	0.03	3.19
Indonesia	0.53	3/	2.51	2.40	0.00	0.00	0.64
Thailand	0.20	3/	0.70	0.78	0.00	0.02	0.10
Bangladesh	1.78	0.14	7.50	6.90	0.00	0.01	2.52
Vietnam	1.23	3/	6.48	6.60	0.00	0.00	1.11
2020/21 Est.							
World	97.45	112.16	49.01	120.88	48.41	0.05	89.28
World Less China	60.55	82.66	36.15	80.88	48.40	0.05	50.03
United States	7.25	14.61	3/	2.40	16.37	-0.06	3.15
Total Foreign	90.20	97.55	49.01	118.48	32.03	0.11	86.13
Major Exporters 4/	39.05	54.69	1.60	33.95	27.49	0.02	33.88
Central Asia 5/	2.55	5.80	0.01	4.17	1.97	0.00	2.21
Afr. Fr. Zone 6/	2.53	4.84	3/	0.13	5.05	0.00	2.20
S. Hemis. 7/	17.25	15.69	0.14	4.03	13.73	0.01	15.32
Australia	0.80	2.80	3/	0.04	1.56	0.00	2.00
Brazil	14.40	10.82	0.01	3.10	11.01	0.00	11.12
India	16.28	28.00	0.84	25.00	6.19	0.00	13.94
Major Importers 8/	48.69	39.75	45.06	80.69	3.10	0.09	49.62
Mexico	0.69	1.02	0.93	1.70	0.49	0.03	0.43
China	36.90	29.50	12.86	40.00	0.01	0.00	39.25
European Union 9/	0.44	1.68	0.56	0.59	1.96	0.01	0.13
Turkey	2.77	2.90	5.33	7.70	0.59	0.00	2.71
Pakistan	3.19	4.50	5.33	10.70	0.03	0.03	2.27
Indonesia	0.64	3/	2.31	2.50	0.01	0.00	0.45
Thailand	0.10	3/	0.60	0.57	0.00	0.03	0.11
Bangladesh	2.52	0.15	8.75	8.50	0.00	0.01	2.90
Vietnam	1.11	3/	7.31	7.30	0.00	0.00	1.12

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)**

2021/22 Proj.		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Oct	90.30	120.28	46.45	123.40	46.43	0.06	87.13
	Nov	89.28	121.79	46.62	124.10	46.61	0.06	86.93
World Less China	Oct	51.04	93.53	35.95	83.40	46.38	0.06	50.67
	Nov	50.03	95.04	36.12	84.10	46.56	0.06	50.48
United States	Oct	3.15	18.00	0.01	2.50	15.50	-0.04	3.20
	Nov	3.15	18.20	0.01	2.50	15.50	-0.05	3.40
Total Foreign	Oct	87.15	102.28	46.44	120.90	30.93	0.11	83.93
	Nov	86.13	103.59	46.62	121.60	31.11	0.11	83.53
Major Exporters 4/	Oct	34.61	59.42	1.78	34.73	26.55	0.02	34.51
	Nov	33.88	60.78	1.78	35.03	26.97	0.02	34.42
Central Asia 5/	Oct	2.21	5.48	0.02	4.28	1.46	0.00	1.96
	Nov	2.21	5.48	0.02	4.28	1.46	0.00	1.96
Afr. Fr. Zone 6/	Oct	2.20	5.86	3/	0.13	5.92	0.00	2.00
	Nov	2.20	5.92	3/	0.13	5.94	0.00	2.04
S. Hemis. 7/	Oct	15.24	19.63	0.16	4.20	12.93	0.01	17.90
	Nov	15.32	20.93	0.16	4.20	13.33	0.01	18.87
Australia	Oct	1.96	4.70	3/	0.04	3.60	0.00	3.03
	Nov	2.00	5.30	3/	0.04	3.90	0.00	3.37
Brazil	Oct	11.12	12.50	0.03	3.20	8.00	0.00	12.44
	Nov	11.12	13.20	0.03	3.20	8.10	0.00	13.04
India	Oct	14.74	28.00	1.00	25.50	5.80	0.00	12.44
	Nov	13.94	28.00	1.00	25.80	5.80	0.00	11.34
Major Importers 8/	Oct	49.91	39.74	42.04	82.14	2.72	0.09	46.75
	Nov	49.62	39.70	42.21	82.54	2.48	0.09	46.43
Mexico	Oct	0.41	1.05	1.00	1.70	0.30	0.03	0.44
	Nov	0.43	1.05	1.08	1.80	0.30	0.03	0.43
China	Oct	39.26	26.75	10.50	40.00	0.05	0.00	36.46
	Nov	39.25	26.75	10.50	40.00	0.05	0.00	36.45
European Union 9/	Oct	0.12	1.69	0.60	0.62	1.65	0.00	0.14
	Nov	0.13	1.44	0.60	0.62	1.41	0.00	0.14
Turkey	Oct	2.71	3.60	5.20	8.40	0.65	0.00	2.46
	Nov	2.71	3.60	5.20	8.40	0.65	0.00	2.46
Pakistan	Oct	2.57	6.50	5.00	11.20	0.05	0.03	2.79
	Nov	2.27	6.70	5.00	11.40	0.05	0.03	2.49
Indonesia	Oct	0.45	3/	2.50	2.50	0.01	0.00	0.44
	Nov	0.45	3/	2.50	2.50	0.01	0.00	0.44
Thailand	Oct	0.11	3/	0.60	0.58	0.00	0.03	0.10
	Nov	0.11	3/	0.60	0.58	0.00	0.03	0.10
Bangladesh	Oct	2.90	0.15	8.20	8.70	0.00	0.01	2.54
	Nov	2.90	0.15	8.30	8.80	0.00	0.01	2.54
Vietnam	Oct	1.12	3/	7.30	7.30	0.00	0.00	1.13
	Nov	1.12	3/	7.30	7.30	0.00	0.00	1.13

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)

2019/20		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		114.10	339.89	164.97	312.48	358.40	165.06	95.49
World Less China		94.64	321.79	66.44	220.98	249.20	164.97	68.69
United States		24.74	96.67	0.42	58.91	61.85	45.70	14.28
Total Foreign		89.36	243.22	164.56	253.57	296.56	119.36	81.22
Major Exporters 3/		61.73	189.54	5.45	89.09	99.05	110.68	46.99
Argentina		28.89	48.80	4.88	38.77	45.92	10.00	26.65
Brazil		32.47	128.50	0.55	46.74	49.39	92.14	20.00
Paraguay		0.35	10.25	0.01	3.50	3.66	6.62	0.33
Major Importers 4/		22.07	21.76	131.88	120.06	145.92	0.34	29.45
China		19.46	18.10	98.53	91.50	109.20	0.09	26.80
European Union		1.52	2.62	14.95	15.60	17.32	0.23	1.54
Southeast Asia		0.74	0.60	9.32	4.50	9.81	0.02	0.83
Mexico		0.18	0.24	5.75	6.00	6.05	0.00	0.11
2020/21 Est.								
World 2/		95.49	366.23	166.24	316.04	363.05	164.80	100.11
World Less China		68.69	346.63	66.47	223.04	251.45	164.73	65.62
United States		14.28	114.75	0.54	58.26	60.94	61.66	6.97
Total Foreign		81.22	251.48	165.70	257.79	302.11	103.14	93.14
Major Exporters 3/		46.99	195.81	5.85	90.28	100.37	95.08	53.20
Argentina		26.65	46.20	4.82	40.16	47.41	5.19	25.06
Brazil		20.00	138.00	1.02	46.75	49.42	81.65	27.95
Paraguay		0.33	9.90	0.01	3.30	3.47	6.60	0.17
Major Importers 4/		29.45	23.24	133.52	122.38	149.26	0.29	36.66
China		26.80	19.60	99.76	93.00	111.60	0.07	34.49
European Union		1.54	2.58	15.00	16.10	17.82	0.20	1.09
Southeast Asia		0.83	0.58	9.68	4.81	10.25	0.02	0.82
Mexico		0.11	0.25	6.00	6.20	6.25	0.00	0.10
2021/22 Proj.								
World 2/	Oct	99.16	385.14	170.62	328.39	377.27	173.08	104.57
	Nov	100.11	384.01	169.78	328.82	378.03	172.09	103.78
World Less China	Oct	65.44	366.14	69.62	230.39	259.57	172.98	68.65
	Nov	65.62	365.01	69.78	230.82	260.33	171.99	68.09
United States	Oct	6.97	121.06	0.41	59.60	62.85	56.88	8.71
	Nov	6.97	120.43	0.41	59.60	62.77	55.79	9.25
Total Foreign	Oct	92.19	264.08	170.21	268.79	314.43	116.20	95.86
	Nov	93.14	263.58	169.37	269.21	315.27	116.30	94.53
Major Exporters 3/	Oct	52.89	208.10	5.37	93.53	103.76	108.38	54.22
	Nov	53.20	206.60	5.47	93.53	103.76	108.38	53.13
Argentina	Oct	25.75	51.00	4.70	42.00	49.40	6.35	25.70
	Nov	25.06	49.50	4.80	42.00	49.40	5.35	24.61
Brazil	Oct	26.95	144.00	0.65	47.70	50.35	93.00	28.25
	Nov	27.95	144.00	0.65	47.70	50.35	94.00	28.25
Paraguay	Oct	0.17	10.50	0.01	3.75	3.93	6.50	0.26
	Nov	0.17	10.50	0.01	3.75	3.93	6.50	0.26
Major Importers 4/	Oct	35.92	22.80	135.35	127.73	155.67	0.35	38.05
	Nov	36.66	22.82	134.40	127.73	155.72	0.35	37.82
China	Oct	33.72	19.00	101.00	98.00	117.70	0.10	35.92
	Nov	34.49	19.00	100.00	98.00	117.70	0.10	35.69
European Union	Oct	1.09	2.73	15.00	15.90	17.62	0.23	0.98
	Nov	1.09	2.75	15.00	15.90	17.62	0.23	1.00
Southeast Asia	Oct	0.82	0.53	9.85	4.98	10.36	0.02	0.82
	Nov	0.82	0.53	9.90	4.98	10.41	0.02	0.82
Mexico	Oct	0.10	0.30	6.20	6.40	6.45	0.00	0.15
	Nov	0.10	0.30	6.20	6.40	6.45	0.00	0.15

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)**

2019/20		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		14.87	245.63	62.22	240.89	67.72	14.13
World Less China		14.87	173.17	62.17	169.38	66.71	14.13
United States		0.37	46.36	0.58	34.44	12.55	0.31
Total Foreign		14.51	199.28	61.64	206.45	55.17	13.82
Major Exporters 3/		6.91	73.19	0.03	27.37	45.85	6.91
Argentina		2.99	30.24	0.00	3.20	27.46	2.57
Brazil		3.54	36.23	0.01	18.50	17.50	3.78
India		0.38	6.72	0.02	5.67	0.89	0.57
Major Importers 4/		2.16	22.44	37.28	59.18	1.10	1.61
European Union		0.86	12.32	16.33	28.32	0.88	0.33
Mexico		0.26	4.75	1.82	6.73	0.01	0.10
Southeast Asia 5/		1.00	3.51	17.27	20.54	0.21	1.04
China		0.00	72.47	0.05	71.51	1.01	0.00
2020/21 Est.							
World 2/		14.13	248.52	63.92	244.99	68.89	12.69
World Less China		14.13	174.87	63.85	172.31	67.84	12.69
United States		0.31	45.87	0.71	34.09	12.49	0.31
Total Foreign		13.82	202.65	63.21	210.90	56.40	12.38
Major Exporters 3/		6.91	75.18	0.45	28.42	47.10	7.02
Argentina		2.57	31.32	0.00	3.33	28.32	2.24
Brazil		3.78	36.24	0.01	19.10	16.63	4.30
India		0.57	7.62	0.44	6.00	2.15	0.48
Major Importers 4/		1.61	23.09	37.38	59.56	1.21	1.31
European Union		0.33	12.73	16.65	28.67	0.75	0.29
Mexico		0.10	4.90	1.90	6.78	0.01	0.12
Southeast Asia 5/		1.04	3.75	16.99	20.53	0.45	0.80
China		0.00	73.66	0.07	72.68	1.05	0.00
2021/22 Proj.							
World 2/	Oct	12.44	258.13	65.69	253.37	70.45	12.44
	Nov	12.69	258.52	65.72	252.98	70.85	13.09
World Less China	Oct	12.44	180.51	65.63	176.79	69.35	12.44
	Nov	12.69	180.90	65.66	176.41	69.75	13.09
United States	Oct	0.36	46.86	0.41	34.38	12.88	0.36
	Nov	0.31	46.91	0.41	34.38	12.88	0.36
Total Foreign	Oct	12.08	211.27	65.28	218.99	57.57	12.08
	Nov	12.38	211.61	65.31	218.60	57.97	12.73
Major Exporters 3/	Oct	6.75	77.43	0.85	30.38	48.00	6.64
	Nov	7.02	77.75	0.85	30.03	48.40	7.18
Argentina	Oct	1.97	32.75	0.00	3.40	29.30	2.02
	Nov	2.24	32.75	0.00	3.40	29.30	2.29
Brazil	Oct	4.30	36.97	0.02	20.00	17.00	4.28
	Nov	4.30	36.97	0.02	20.00	17.00	4.28
India	Oct	0.48	7.71	0.83	6.98	1.70	0.34
	Nov	0.48	8.03	0.83	6.63	2.10	0.61
Major Importers 4/	Oct	1.36	23.36	38.10	60.29	1.09	1.43
	Nov	1.31	23.36	38.13	60.32	1.09	1.38
European Union	Oct	0.34	12.57	17.00	28.59	0.85	0.46
	Nov	0.29	12.57	17.00	28.59	0.85	0.41
Mexico	Oct	0.12	5.06	1.93	7.00	0.01	0.09
	Nov	0.12	5.06	1.93	7.00	0.01	0.09
Southeast Asia 5/	Oct	0.80	3.88	17.37	21.04	0.24	0.77
	Nov	0.80	3.88	17.40	21.07	0.24	0.77
China	Oct	0.00	77.62	0.06	76.58	1.10	0.00
	Nov	0.00	77.62	0.06	76.58	1.10	0.00

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)**

2019/20		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		4.36	58.54	11.40	57.25	12.31	4.75
World Less China		3.86	42.15	10.40	40.15	12.15	4.10
United States		0.81	11.30	0.15	10.12	1.29	0.84
Total Foreign		3.56	47.24	11.25	47.12	11.02	3.91
Major Exporters 3/		1.07	20.33	0.55	12.42	8.12	1.41
Argentina		0.43	7.70	0.00	2.18	5.40	0.55
Brazil		0.32	9.00	0.07	7.77	1.16	0.47
European Union		0.26	2.96	0.48	2.43	0.93	0.35
Major Importers 4/		1.24	19.43	7.04	25.89	0.47	1.35
China		0.50	16.40	1.00	17.09	0.16	0.65
India		0.14	1.51	3.63	5.12	0.02	0.14
North Africa 5/		0.32	1.05	1.79	2.47	0.29	0.40
2020/21 Est.							
World 2/		4.75	59.32	11.92	59.42	12.24	4.34
World Less China		4.10	42.66	10.69	41.61	12.20	3.64
United States		0.84	11.35	0.14	10.56	0.78	0.99
Total Foreign		3.91	47.97	11.78	48.86	11.46	3.35
Major Exporters 3/		1.41	20.59	0.72	12.56	8.98	1.18
Argentina		0.55	7.90	0.00	2.04	6.14	0.27
Brazil		0.47	9.00	0.25	7.96	1.27	0.49
European Union		0.35	3.06	0.48	2.51	0.98	0.40
Major Importers 4/		1.35	19.93	7.06	27.02	0.18	1.15
China		0.65	16.67	1.23	17.81	0.04	0.70
India		0.14	1.71	3.65	5.34	0.01	0.15
North Africa 5/		0.40	1.04	1.54	2.64	0.13	0.21
2021/22 Proj.							
World 2/	Oct	4.32	61.69	11.82	61.27	12.56	4.01
	Nov	4.34	61.74	11.89	61.34	12.58	4.05
World Less China	Oct	3.55	44.13	10.65	42.71	12.41	3.21
	Nov	3.64	44.18	10.79	42.88	12.43	3.30
United States	Oct	0.94	11.58	0.20	11.34	0.57	0.82
	Nov	0.99	11.58	0.20	11.34	0.57	0.87
Total Foreign	Oct	3.38	50.11	11.62	49.93	11.99	3.19
	Nov	3.35	50.16	11.69	50.00	12.01	3.18
Major Exporters 3/	Oct	1.18	21.26	0.53	12.75	9.14	1.08
	Nov	1.18	21.26	0.53	12.75	9.14	1.08
Argentina	Oct	0.27	8.35	0.00	2.10	6.25	0.27
	Nov	0.27	8.35	0.00	2.10	6.25	0.27
Brazil	Oct	0.49	9.18	0.08	7.99	1.30	0.46
	Nov	0.49	9.18	0.08	7.99	1.30	0.46
European Union	Oct	0.40	3.02	0.45	2.61	0.95	0.32
	Nov	0.40	3.02	0.45	2.61	0.95	0.32
Major Importers 4/	Oct	1.20	21.13	7.08	27.78	0.42	1.21
	Nov	1.15	21.18	7.11	27.84	0.42	1.19
China	Oct	0.77	17.56	1.18	18.56	0.15	0.80
	Nov	0.70	17.56	1.10	18.46	0.15	0.75
India	Oct	0.15	1.75	3.63	5.35	0.02	0.16
	Nov	0.15	1.80	3.73	5.50	0.02	0.16
North Africa 5/	Oct	0.18	1.20	1.60	2.57	0.25	0.16
	Nov	0.21	1.20	1.60	2.57	0.25	0.20

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>	
2020	IV	7,069	7,515	14,633	11,047	1,451	12,630	27,263	2,371	55.6
	Annual	27,174	28,303	55,680	44,583	5,743	50,876	106,556	9,283	223.2
2021	I	6,895	7,291	14,235	10,893	1,390	12,410	26,645	2,306	56.8
	II	6,957	6,668	13,673	11,231	1,399	12,770	26,443	2,303	58.1
	III	6,978	6,529	13,551	11,579	1,403	13,121	26,672	2,331	55.9
	IV*	7,055	7,190	14,292	11,125	1,420	12,680	26,972	2,405	55.6
	Annual									
	Oct Proj.	27,832	27,674	55,696	44,724	5,609	50,865	106,561	9,319	227.0
Nov Proj.	27,885	27,678	55,751	44,828	5,612	50,981	106,732	9,345	226.4	
2022	I*	6,895	6,980	13,924	11,015	1,400	12,550	26,474	2,340	56.9
	II*	6,730	6,480	13,259	11,300	1,405	12,845	26,104	2,340	58.2
	III*	6,720	6,825	13,592	11,590	1,435	13,170	26,762	2,365	56.5
	Annual									
	Oct Proj.	26,995	27,585	54,775	45,240	5,695	51,480	106,255	9,460	229.7
	Nov Proj.	27,000	27,585	54,779	45,240	5,700	51,490	106,269	9,470	228.1

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

U.S. Quarterly Prices for Animal Products

Year and Quarter		Steers 2/	Barrows and gilts 3/	Broilers 4/	Turkeys 5/	Eggs 6/	Milk 7/
		<i>Dol./cwt</i>	<i>Dol./cwt</i>	<i>Cents/lb.</i>	<i>Cents/lb.</i>	<i>Cents/doz.</i>	<i>Dol./cwt</i>
2020	IV	108.18	50.75	75.7	113.6	107.2	19.80
	Annual	108.51	43.18	73.2	106.5	112.2	18.24
2021	I	112.98	55.71	84.0	110.1	127.8	17.33
	II	120.75	80.92	104.4	117.7	94.2	18.67
	III	123.51	76.15	105.4	129.7	120.1	18.00
	IV*	128.00	57.00	105.0	135.0	125.0	20.00
	Annual						
	Oct Proj.	121.06	69.45	98.4	121.6	118.0	18.45
Nov Proj.	121.31	67.45	99.7	123.1	116.8	18.50	
2022	I*	132.00	62.00	105.0	123.0	121.0	20.25
	II*	129.00	64.00	106.0	121.0	110.0	20.15
	III*	127.00	60.00	95.0	122.0	111.0	19.85
	Annual						
	Oct Proj.	129	61	98	121	117	19.20
	Nov Proj.	130	60	99	122	117	20.25

*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	2020	642	27,244	3,342	31,227	2,951	716	27,561	58.4
	2021 Proj. Oct	716	27,902	3,187	31,804	3,414	640	27,750	58.6
	Nov	716	27,955	3,260	31,930	3,455	640	27,835	58.8
	2022 Proj. Oct	640	27,065	3,165	30,870	3,270	640	26,960	56.8
	Nov	640	27,070	3,240	30,950	3,270	640	27,040	57.0
Pork	2020	646	28,318	904	29,869	7,280	467	22,121	52.0
	2021 Proj. Oct	467	27,689	1,107	29,264	7,199	460	21,605	50.6
	Nov	467	27,693	1,145	29,306	7,193	480	21,633	50.7
	2022 Proj. Oct	460	27,600	1,145	29,205	7,405	505	21,295	49.7
	Nov	480	27,600	1,175	29,255	7,405	495	21,355	49.9
Total Red Meat 5/	2020	1,330	55,774	4,547	61,651	10,235	1,217	50,199	111.8
	2021 Proj. Oct	1,217	55,790	4,627	61,635	10,617	1,130	49,888	110.6
	Nov	1,217	55,846	4,762	61,825	10,651	1,150	50,024	110.9
	2022 Proj. Oct	1,130	54,870	4,628	60,628	10,680	1,180	48,768	107.8
	Nov	1,150	54,874	4,761	60,785	10,678	1,170	48,936	108.3
Broiler	2020	937	44,106	145	45,188	7,367	830	36,991	96.2
	2021 Proj. Oct	830	44,245	149	45,224	7,491	760	36,974	95.8
	Nov	830	44,348	147	45,325	7,545	760	37,020	96.0
	2022 Proj. Oct	760	44,756	145	45,661	7,410	775	37,476	96.8
	Nov	760	44,756	145	45,661	7,465	775	37,421	96.7
Turkey	2020	233	5,743	21	5,997	571	223	5,203	15.8
	2021 Proj. Oct	223	5,609	22	5,854	558	195	5,101	15.4
	Nov	223	5,612	22	5,857	566	195	5,096	15.4
	2022 Proj. Oct	195	5,695	21	5,911	560	200	5,151	15.5
	Nov	195	5,700	21	5,916	570	200	5,146	15.5
Total Poultry 6/	2020	1,175	50,398	167	51,740	8,013	1,057	42,670	113.4
	2021 Proj. Oct	1,057	50,386	174	51,617	8,100	960	42,557	112.7
	Nov	1,057	50,501	172	51,730	8,162	961	42,607	112.8
	2022 Proj. Oct	960	50,995	169	52,124	8,026	980	43,118	113.8
	Nov	961	51,005	169	52,135	8,091	980	43,064	113.7
Red Meat & Poultry	2020	2,504	106,172	4,715	113,391	18,248	2,274	92,869	225.3
	2021 Proj. Oct	2,274	106,176	4,801	113,252	18,717	2,090	92,445	223.3
	Nov	2,274	106,346	4,934	113,555	18,813	2,111	92,631	223.8
	2022 Proj. Oct	2,090	105,865	4,797	112,752	18,706	2,160	91,886	221.6
	Nov	2,111	105,879	4,930	112,920	18,769	2,150	92,001	222.0

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

	2019	2020	2021 Proj. Oct	2021 Proj. Nov	2022 Proj. Oct	2022 Proj. Nov
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	22.7	31.6	24.5	24.5	21.0	20.0
Production	9,441.8	9,283.4	9,318.8	9,345.2	9,460.0	9,470.0
Imports	14.6	15.5	17.9	17.9	16.0	16.0
Total Supply	9,479.1	9,330.5	9,361.2	9,387.5	9,497.0	9,506.0
Use						
Exports	333.8	344.0	405.0	417.0	374.0	380.0
Hatching Use	1,081.2	1,078.5	1,116.7	1,107.1	1,140.0	1,140.0
Ending Stocks	31.6	24.5	21.0	20.0	24.0	23.0
Disappearance						
Total	8,032.5	7,883.5	7,818.5	7,843.4	7,959.0	7,963.0
Per Capita (number)	293.4	286.5	283.1	284.0	287.2	287.5

U.S. Milk Supply and Use

	2019	2020	2021 Proj. Oct	2021 Proj. Nov	2022 Proj. Oct	2022 Proj. Nov
Milk	<i>Billion Pounds</i>					
Production	218.4	223.2	227.0	226.4	229.7	228.1
Farm Use	1.0	1.1	1.1	1.1	1.1	1.1
Fat Basis Supply						
Beg. Commercial Stocks	13.8	13.6	15.6	15.6	15.5	14.9
Marketings	217.4	222.1	226.0	225.3	228.6	227.0
Imports	6.9	6.8	6.6	6.4	6.7	6.5
Total Cml. Supply	238.1	242.5	248.2	247.4	250.8	248.5
Fat Basis Use						
Commercial Exports	9.1	9.3	11.8	11.9	11.0	11.4
Ending Commercial Stocks	13.6	15.6	15.5	14.9	15.3	14.7
CCC Donations	0.2	0.3	0.0	0.0	0.0	0.0
Domestic Commercial Use	215.2	217.4	220.8	220.6	224.5	222.3
Skim-solid Basis Supply						
Beg. Commercial Stocks	10.7	10.2	10.9	10.9	11.0	11.0
Marketings	217.4	222.1	226.0	225.3	228.6	227.0
Imports	5.8	5.6	5.6	5.7	5.5	5.5
Total Cml. Supply	233.9	237.9	242.5	241.9	245.1	243.5
Skim-solid Basis Use						
Commercial Exports	41.5	47.2	51.4	51.4	51.8	51.8
Ending Commercial Stocks	10.2	10.9	11.0	11.0	11.1	10.9
CCC Donations	0.2	0.1	0.0	0.0	0.0	0.0
Domestic Commercial Use	182.0	179.7	180.0	179.5	182.2	180.8

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

	2019	2020	2021 Proj. Oct	2021 Proj. Nov	2022 Proj. Oct	2022 Proj. Nov
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.7586	1.9236	1.680	1.670	1.715	1.765
Butter	2.2431	1.5808	1.685	1.720	1.755	1.910
Nonfat Dry Milk	1.0419	1.0417	1.245	1.270	1.380	1.485
Dry Whey	0.3799	0.3621	0.565	0.570	0.510	0.530
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	16.96	18.16	17.05	16.95	17.10	17.75
Class IV	16.30	13.49	15.70	16.00	17.15	18.70
All Milk 3/	18.65	18.24	18.45	18.50	19.20	20.25

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 5.3 million tons, ranging from 0.1 million to 18.1 million tons. The November projection has been below the estimate 29 times and above 11 times.

	Root mean square error	90 percent confidence interval	Differences between forecast and final estimate				
			Average	Smallest	Largest	Years	
						Below Final	Above Final
WHEAT	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	1.2	2.0	5.3	0.1	18.1	29	11
U.S.	0.4	0.7	0.2	0.0	1.2	20	13
Foreign	1.3	2.2	5.3	0.0	18.2	29	11
Exports							
World	5.6	9.6	6.2	0.2	19.2	33	7
U.S.	7.4	12.5	1.9	0.2	8.6	19	21
Foreign	6.9	11.7	6.0	0.3	17.2	35	5
Domestic Use							
World	1.4	2.4	6.4	0.0	28.5	24	15
U.S.	5.9	10.0	1.6	0.1	3.6	11	29
Foreign	1.5	2.5	6.5	0.5	28.7	27	13
Ending Stocks							
World	6.3	10.7	8.5	0.9	32.1	30	10
U.S.	11.1	18.9	2.0	0.2	7.0	25	15
Foreign	6.5	11.0	7.3	0.8	31.2	30	10
COARSE GRAINS 2/							
Production							
World	1.6	2.7	13.5	0.2	47.3	30	10
U.S.	1.3	2.3	2.6	0.0	9.9	19	21
Foreign	2.2	3.7	13.4	0.2	48.8	30	10
Exports							
World	6.6	11.2	6.6	0.1	29.7	28	12
U.S.	15.7	26.7	5.8	0.4	14.7	21	19
Foreign	12.2	20.6	7.1	0.3	23.5	27	13
Domestic Use							
World	1.3	2.3	10.8	0.2	41.9	23	17
U.S.	3.6	6.0	5.1	0.2	17.2	18	22
Foreign	1.6	2.6	9.8	0.3	42.2	26	14
Ending Stocks							
World	12.2	20.6	12.5	0.3	39.6	32	8
U.S.	20.7	35.2	7.7	0.6	23.9	22	18
Foreign	15.9	26.9	10.9	0.2	31.1	36	4
RICE, milled							
Production							
World	2.1	3.5	5.8	0.1	16.8	33	7
U.S.	2.8	4.8	0.1	0.0	0.5	20	17
Foreign	2.1	3.6	5.8	0.2	16.9	33	7
Exports							
World	9.2	15.6	1.9	0.1	6.0	31	9
U.S.	9.3	15.7	0.2	0.0	0.7	20	17
Foreign	10.5	17.8	1.9	0.0	6.0	29	11
Domestic Use							
World	1.7	2.8	3.9	0.1	17.5	33	7
U.S.	8.3	14.1	0.2	0.0	0.6	21	19
Foreign	1.7	2.9	3.9	0.0	17.7	34	6
Ending Stocks							
World	10.5	17.8	5.4	0.1	24.6	33	7
U.S.	22.8	38.6	0.2	0.0	0.8	22	18
Foreign	10.9	18.5	5.4	0.1	24.4	33	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			Years	
Average			Smallest	Largest	Below Final	Above Final	
SOYBEANS	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	3.9	6.6	5.8	0.0	25.1	24	16
U.S.	2.1	3.6	1.2	0.1	4.7	17	23
Foreign	6.4	10.9	5.6	0.0	26.4	21	19
Exports							
World	7.2	12.2	3.7	0.0	14.8	25	15
U.S.	9.9	16.8	2.4	0.1	7.1	25	15
Foreign	17.9	30.3	3.2	0.1	17.5	20	20
Domestic Use							
World	2.8	4.8	4.1	0.0	14.2	23	17
U.S.	3.6	6.1	1.3	0.0	3.8	27	13
Foreign	3.5	6.0	3.9	0.2	12.8	23	17
Ending Stocks							
World	16.0	27.1	4.5	0.0	18.4	22	18
U.S.	47.6	80.8	2.2	0.1	7.3	11	29
Foreign	17.0	28.9	4.0	0.1	18.2	23	17
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	3.5	6.0	2.5	0.1	9.3	24	16
U.S.	4.0	6.8	0.4	0.0	2.5	19	20
Foreign	4.1	6.9	2.4	0.1	8.9	25	15
Exports							
World	7.9	13.4	2.1	0.1	10.3	26	14
U.S.	16.9	28.6	1.1	0.1	3.2	24	16
Foreign	10.2	17.3	1.6	0.0	8.9	21	18
Domestic Use							
World	4.6	7.8	3.1	0.0	19.4	19	20
U.S.	9.5	16.2	0.3	0.0	1.1	19	21
Foreign	4.6	7.8	3.0	0.0	18.6	20	20
Ending Stocks							
World	12.2	20.7	5.3	0.3	18.4	25	15
U.S.	37.2	63.1	1.2	0.1	4.1	14	26
Foreign	12.9	21.9	5.0	0.0	17.3	27	13

1/ Marketing years 1981/82 through 2020/21 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 2019/20, and for 2020/21 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	Below Final	Above Final
	<i>Percent</i>		<i>Million Bushels</i>				
CORN							
Production	1.4	2.3	96	0	396	19	20
Exports	16.2	27.6	205	9	575	19	21
Domestic Use	3.8	6.4	194	3	574	23	17
Ending Stocks	23.4	39.7	303	17	986	20	20
SORGHUM							
Production	4.1	6.9	14	1	53	21	19
Exports	20.5	34.8	32	0	123	23	16
Domestic Use	19.8	33.5	35	0	127	18	21
Ending Stocks	48.2	81.7	24	2	104	14	26
BARLEY							
Production	1.6	2.7	4	0	24	18	10
Exports	39.8	67.5	9	0	37	16	19
Domestic Use	7.6	12.9	17	0	70	15	24
Ending Stocks	13.7	23.3	13	0	38	25	13
OATS							
Production	1.1	1.9	2	0	18	8	9
Exports	70.3	119.4	1	0	7	10	10
Domestic Use	5.4	9.2	12	1	39	15	25
Ending Stocks	20.2	34.3	13	1	52	26	14
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	3.6	6.1	1,072	14	3,250	25	15
Exports	11.4	19.3	717	0	3,600	22	15
Domestic Use	3.3	5.6	732	30	2,350	19	21
Ending Stocks	27.7	47.0	44	0	249	15	13
SOYBEAN OIL			<i>Million Pounds</i>				
Production	3.8	6.5	516	40	2,240	28	12
Exports	29.6	50.2	379	0	1,425	21	18
Domestic Use	3.8	6.4	474	56	1,828	26	14
Ending Stocks	23.0	39.0	340	0	1,077	21	18
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	3.7	6.3	760	92	2,461	26	13
Pork	3.1	5.3	426	2	1,592	21	18
Broilers	1.8	3.1	397	17	1,394	24	15
Turkeys	3.4	5.7	136	2	444	21	18
			<i>Million Dozen</i>				
Eggs	1.9	3.3	111	2	513	26	13
			<i>Billion Pounds</i>				
Milk	1.5	2.6	1.9	0.1	6.0	20	19

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2020/21 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 2020/21. Calendar years 1982 through 2020 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2020.

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-618 – November 9, 2021

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