

World Agricultural Supply and Demand Estimates

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WHEAT: The outlook for 2021/22 U.S. wheat this month is for reduced supplies, lower domestic use, unchanged exports, and decreased ending stocks. The NASS *Crop Production* report forecast all wheat production at 1,697 million bushels, down 49 million from the previous forecast. Most of the reduction is in Hard Red Winter and Soft White Winter. The all wheat yield is forecast at 44.5 bushels per acre, down 1.3 bushels from the previous forecast. Feed and residual use is lowered 10 million bushels to 160 million on reduced supplies. Food use for both 2020/21 and 2021/22 is reduced slightly, based primarily on the latest NASS *Flour Milling Products* report. Wheat exports are unchanged but there are offsetting by-class export changes for several classes. Projected 2021/22 ending stocks are reduced 38 million bushels to 627 million and are 26 percent below last year. The projected 2021/22 season-average farm price is raised \$0.10 per bushel to \$6.70.

The global wheat outlook for 2021/22 is for reduced supplies, lower consumption, reduced trade, and smaller ending stocks. Supplies are projected to decline 16.8 million tons to 1,065.7 million, primarily on lower production for Russia, Canada, and the United States. Russia's production is reduced 12.5 million tons to 72.5 million on decreased winter wheat production, which is only slightly offset by higher spring wheat output. Winter wheat harvested area is reduced on updated area data from Rosstat, Russia's statistical agency, while yield is lowered on harvest results reported by the Ministry of Agriculture. A series of thawing and refreezing events during February and March, referred to as "ice crusting," resulted in reductions for both area harvested and yield for Russia's winter wheat. Canada's production is lowered 7.5 million tons to 24.0 million on worsening drought conditions across the Prairie Provinces during July. This would be the smallest Canadian wheat crop since 2010/11. Partially offsetting these reductions are production increases for Ukraine and Australia. Ukraine is raised to a record 33.0 million tons on increased area as reported by its State Statistical Service and a higher yield on harvest results to date. Australia is increased 1.5 million tons to 30.0 million as continued abundant precipitation has benefited crop conditions.

Projected 2021/22 world consumption is reduced by 4.2 million tons to 786.7 million. Most of the consumption decreases are for feed and residual use with the curtailed supplies in Russia and Canada. Projected 2021/22 global trade is lowered 5.8 million tons to 198.2 million on reduced exports for Canada and Russia only partially offset by higher exports by Ukraine, Australia, and the EU. The reduction in aggregate exportable supplies from major exporters resulted in decreased imports from several countries including Afghanistan and Algeria, while larger crops in Brazil and Morocco reduce import demand there. Projected 2021/22 world ending stocks are lowered 12.6 million tons to 279.1 million with China accounting for 51 percent of the total.

COARSE GRAINS: This month's 2021/22 U.S. corn outlook is for lower supplies, reduced feed and residual use, increased food, seed, and industrial use, lower exports, and smaller ending stocks. Projected beginning stocks for 2021/22 are 35 million bushels higher based on a lower use forecast for 2020/21. Reduced exports are partially offset by greater corn used for ethanol, starch, and glucose and dextrose. Corn production for 2021/22 is forecast at 14.8 billion

bushels, down 415 million from the July projection. The season's first survey-based corn yield forecast, at 174.6 bushels per acre, is 4.9 bushels below last month's trend-based projection. Among the major producing states, today's *Crop Production* report indicates that record-high yields are expected in Illinois, Indiana, and Ohio. In contrast, yields in Minnesota and South Dakota are forecast below a year ago.

Total U.S. corn use for 2021/22 is down 190 million bushels to 14.7 billion. Feed and residual use is down 100 million bushels based mostly on a smaller crop and higher expected prices. Corn used for glucose and dextrose and starch is projected higher based on observed use during 2020/21. Exports for 2021/22 are lowered 100 million bushels to 2.4 billion. With supply falling more than use, ending stocks are down 190 million bushels to 1.2 billion. The season-average corn price received by producers is raised 15 cents to \$5.75 per bushel.

This month's 2021/22 foreign coarse grain outlook is for lower production, slightly lower trade, and smaller stocks relative to last month. Foreign corn production is forecast higher relative to last month. Ukraine corn production is raised as a reduction in area is more than offset by a boost in yield prospects. Russia corn production is increased based on expectations of greater area. EU corn production is lowered, mostly reflecting reductions for Hungary, Romania, and Bulgaria that are partially offset by increases for France, Croatia, and Germany. Other notable corn production changes include projected increases for India, Canada, and Moldova, with a reduction for Serbia. Foreign barley production is lower, with reductions for Canada, Kazakhstan, Turkey, the EU, and Russia more than offsetting increases for Ukraine, Australia, and Morocco.

Major global coarse grain trade changes for 2021/22 include forecast corn export increases for Ukraine, Russia, and India with reductions for Serbia and the EU. Corn imports are raised for Bangladesh, Thailand, and the United Kingdom but are reduced for Iran, Vietnam, Mexico, Egypt, Japan, Morocco, Saudi Arabia, and Algeria. China barley imports are reduced reflecting sharply lower exports for Canada. For 2020/21, for the local marketing year beginning March 2021 corn exports are lowered for Brazil but raised for Argentina. Foreign corn ending stocks for 2021/22 are down 1.7 million tons to 253.1 million.

RICE: The outlook for 2021/22 U.S. rice this month is for reduced supplies, lower domestic use, higher exports, and smaller ending stocks. Supplies are reduced on the combination of lower beginning stocks, smaller production, and decreased imports. Beginning stocks are lower based on higher exports and fewer imports in 2020/21. The first survey-based 2021/22 production forecast reduced total rice production by 2.0 million cwt to 197.4 million, all on lower yields. The all rice yield is 7,544 pounds per acre and is down 76 pounds from the previous forecast. Total rice imports are lowered 1.0 million cwt, all for long-grain, to 38.0 million on the reduced availability of shipping containers and higher freight costs, which are expected to persist into 2021/22. Total domestic and residual use is lowered by 2.0 million cwt to 151.0 million on the smaller crop size and less imports. Total exports are increased to 91.0 million cwt as higher long-grain exports more than offset lower medium- and short-grain exports. Long-grain exports are raised by 2.0 million cwt to 65.0 million on sales to Iraq for the first time in two years. Medium- and short-grain exports are lowered 1.0 million cwt to 26.0 million on reduced supplies and increased competition. Projected 2021/22 all rice ending stocks are reduced by 4.0 million cwt to 37.3 million, down 15 percent from last year. The 2021/22 all rice season-average farm price is increased \$0.10 per cwt to \$14.50.

The 2021/22 global outlook is for increased supplies, marginally higher consumption, larger trade, and higher ending stocks. Supplies are raised by 3.4 million tons to 684.4 million, primarily on a combination of higher beginning stocks for China, Vietnam, and Taiwan and

increased production for Bangladesh, Sri Lanka, and Vietnam. Bangladesh production is raised to a record 36.3 million tons on increased area harvested and a higher yield. World 2021/22 consumption is raised by 0.3 million tons to a record 514.3 million, primarily on higher Bangladesh consumption. Global 2021/22 trade is raised 0.6 million tons to 47.7 million, mainly on increased exports by India. Projected 2021/22 world ending stocks are increased by 3.2 million tons to 170.1 million, mostly on higher stocks for China, Vietnam, and Bangladesh.

OILSEEDS: U.S. soybean supply and use changes for 2021/22 include higher beginning stocks and lower production, crush, and exports. Beginning soybean stocks are raised on lower 2020/21 crush and exports. Soybean production for 2021/22 is forecast at 4.34 billion bushels, down 66 million on lower yields. Harvested area is forecast at 86.7 million acres, unchanged from July. The first survey-based soybean yield forecast of 50.0 bushels per acre is reduced 0.8 bushels from last month. Soybean supplies for 2020/21 are projected at 4.5 billion bushels, down 3 percent from last year. Soybean crush is reduced 20 million bushels on a lower domestic soybean meal disappearance forecast which is reduced in line with the prior year, and lower soybean meal exports. With soybean exports down 20 million bushels on lower supplies, ending stocks are forecast at 155 million bushels, unchanged from last month.

The U.S. season-average soybean price for 2021/22 is forecast at \$13.70 per bushel, unchanged from last month. The soybean meal price is forecast at \$385 per short ton, down 10 dollars. The soybean oil price forecast is unchanged at 65.0 cents per pound.

The 2021/22 global oilseed supply and demand forecasts include lower production, crush, exports, and slightly higher ending stocks compared to last month. Foreign oilseed production is reduced 3.6 million tons to 501.4 million, reflecting lower canola production for Canada and sunflowerseed for Russia. Partly offsetting is higher Ukrainian sunflowerseed. Canada's canola crop is lowered 4.2 million tons to 16 million on drought in the Canadian Prairies. Russian sunflowerseed production is lowered 1.0 million tons to 15.5 million as pockets of dryness and extreme heat in key regions lower overall crop prospects. In contrast, Ukraine's sunflowerseed production is forecast higher as a wet spring followed by beneficial rains during June and July in southern Ukraine improved yield potential.

Global 2021/22 oilseed crush is lowered mainly on lower soybean crush for China and lower rapeseed supplies leading to reduced crush for the EU, Canada, and China. Soybean crush for China is lowered 2.0 million tons to 98 million, in line with downward revisions to crush and soybean meal consumption in the prior year. With lower demand, China's 2021/22 soybean imports are lowered 1.0 million tons to 101 million. Global oilseed stocks are slightly higher as lower production is paired with lower use. Lower rapeseed and sunflowerseed stocks are offset by higher global soybean stocks, which are raised 1.7 million tons to 96.1 million mainly on higher stocks for China.

SUGAR: U.S. beet sugar production for 2020/21 is decreased by 51,945 short tons, raw value (STRV) to 5.063 million, mostly on a lower share of crop year 2021/22 beet sugar production occurring in August and September 2021. That portion of processor-reported decreases (50,000 STRV) stemming from later-than-anticipated harvest start dates is expected to be accounted for in the 2021/22 fiscal year. For 2021/22 NASS sugarbeet yield and area harvested forecasts in the August *Crop Production* report imply national sugarbeet production at 33.710 million tons, slightly above the total for 2020/21. Assuming average recovery, shrink, and recovery from desugared molasses, 2021/22 crop year production is forecast at 4.988 million STRV. Adjustments made for expected August-September production in 2021 and 2022 plus sugar from imported sugarbeets from Canada imply fiscal year 2021/22 production of 5.078 million STRV, an

increase of 45,265 over last month. Cane sugar production in Texas is decreased by 5,000 STRV based on processor reporting.

Imports for 2020/21 are increased by 38,607 STRV to 3.177 million. The raw sugar TRQ shortfall is reduced by 11,134 STRV to 75,721 after entry of sugar from the Philippines previously expected not to enter. Re-export imports are increased by 45,000 STRV to 245,000 on the import pace from Customs and Border Protection ACE data. Imports from Mexico that were part of the Other Sugar Export Limit increase made in April are decreased by 17,527 STRV due to inadequate supplies of below 99.2 pol sugar in Mexico. There are no policy announcements concerning imports at this time. Imports for 2021/22 are unchanged from last month.

Exports for 2020/21 are increased by 10,000 STRV to 45,000 on the basis of increased pace. There are no other changes to use for either 2020/21 or 2021/22. Ending stocks for 2020/21 are residually estimated at 1.753 million STRV for an ending stocks-to-use ratio of 14.28 percent. Ending stocks for 2021/22 are projected at 1.672 million STRV for an ending stocks-to-use ratio of 13.63 percent.

Mexico production for 2020/21 is estimated at 5.715 million metric tons (MT) with the finish of the campaign by all mills. Deliveries to IMMEX are increased by 14,000 MT to 442,000 based on the pace to date. This estimate is carried over to 2021/22. Ending stocks are adjusted slightly to cover anticipated use for the 2.5 months prior to next season production campaigns for both 2020/21 and 2021/22. Exports are residually adjusted for small decreases of 9,469 MT in 2020/21 and 14,000 MT in 2021/22.

LIVESTOCK, POULTRY, AND DAIRY: The forecast for total meat production in 2021 is reduced from last month on lower expected beef and pork production. The decline in beef production largely reflects lighter expected carcass weights due to a higher expected proportion of non-fed cattle being slaughtered through the end of the year. The pork production forecast is reduced on a slower expected pace of slaughter for the remainder of the year and lighter carcass weights. Broiler production is raised from last month as higher-than-expected second quarter production more than offset a lowered second half-forecast. The turkey production forecast is virtually unchanged. Egg production is lowered on recent data; the forecast for the second half of the year is unchanged.

For 2022, the red meat and poultry production forecast is reduced as lower expected beef production more than offsets slightly higher pork production. The beef production forecast is lowered on tighter expected supplies of both fed and non-fed cattle. Pork production is forecast higher as slightly heavier carcass weights more than offset lower expected hog slaughter. Poultry and egg production forecasts are unchanged from last month.

For 2021, beef imports are raised on recent trade data and expected firm demand from several key trading countries; the import forecasts for 2022 are also raised. Beef export forecasts are lowered for both 2021 and 2022 on slowing global demand for U.S. beef. Pork export forecasts for 2021 and 2022 are reduced from last month on recent trade data and continued slower demand growth from Asia. Broiler and egg export forecasts for 2021 are raised on recent data; no changes are made to the 2022 forecasts.

Cattle prices are raised for 2021 and 2022 on current price strength and firm demand. The 2021 hog price forecast is raised on current price strength while the 2022 price forecast is unchanged from last month. Broiler and turkey price forecasts for 2021 are raised on current prices; the 2022 forecasts are unchanged.

Milk production forecasts for 2021 and 2022 are reduced from last month on lower expected dairy cow numbers. For 2021, the fat basis import forecast is raised from last month on firm demand for butterfat and cheese imports, while the fat basis export forecast is reduced. The skim-solids basis import forecast for 2021 is raised primarily on higher imports of milk proteins while the export forecast is raised primarily on stronger expected sales of whey and lactose. For 2022, the fat basis import forecast is raised on continued strong import demand for butter and butterfat, while the fat basis export forecast is raised as U.S. butter prices are expected to be competitive. The skim-solids basis import and export forecasts are unchanged from last month.

For 2021, butter, cheese, nonfat dry milk, and whey price forecasts are lowered on relatively weak demand. Dairy product prices are also reduced for 2022 reflecting continued relatively soft domestic demand and higher forecast beginning stocks. The 2021 and 2022 Class III and Class IV price forecasts are reduced from the previous month on lower forecast dairy product prices. The 2021 all milk price is forecast lower at \$17.95 per cwt. The all milk price forecast for 2022 is \$17.85 per cwt.

COTTON: In this month's 2021/22 U.S. cotton projections, beginning stocks are slightly larger, and a 536,000-bale decrease in production results in lower exports and ending stocks. Beginning stocks are larger as estimated exports for 2020/21 are reduced 50,000 bales based on final Export Sales data and Census Bureau data through June. NASS's first survey-based estimate of production for 2021/22 is 17.3 million bales. Exports are 200,000 bales lower than in July, and ending stocks are 300,000 bales lower, equating to 17 percent of expected use, the same as in 2020/21. The U.S. season-average price for upland cotton is forecast 5 cents per pound higher than in July which, at 80 cents, would be its highest since 2011/12.

Lower production is reducing this month's 2021/22 global ending stocks forecast slightly. World production is forecast 546,000 bales lower as reduced production in Brazil, the United States, and Uzbekistan offsets higher projections for Australia, Mali, and Tanzania. Consumption is forecast slightly higher, up 170,000 bales, with gains for Bangladesh and Pakistan. World 2021/22 cotton ending stocks are projected at 87.2 million bales, about 500,000 bales lower than in July, and 4.6 million 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.

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In 2021, the WASDE report will be released on Sep 10, Oct 12, Nov 9, and Dec 9.

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

World			Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2019/20		2676.59	3487.80	449.27	2675.60	812.20
	2020/21 (Est.)		2706.51	3518.70	476.75	2741.38	777.32
	2021/22 (Proj.)	Jul	2795.25	3570.68	498.87	2793.82	776.86
		Aug	2768.76	3546.08	491.01	2785.87	760.21
Wheat	2019/20		763.60	1046.26	195.03	748.57	297.69
	2020/21 (Est.)		775.84	1073.53	201.63	784.71	288.83
	2021/22 (Proj.)	Jul	792.40	1082.58	203.99	790.89	291.68
		Aug	776.91	1065.74	198.23	786.67	279.06
Coarse Grains 5/	2019/20		1415.17	1767.10	210.87	1430.35	336.75
	2020/21 (Est.)		1424.86	1761.61	226.30	1450.06	311.55
	2021/22 (Proj.)	Jul	1496.80	1807.13	247.76	1488.94	318.19
		Aug	1484.40	1795.95	245.10	1484.94	311.01
Rice, milled	2019/20		497.83	674.44	43.38	496.69	177.75
	2020/21 (Est.)		505.81	683.56	48.82	506.62	176.95
	2021/22 (Proj.)	Jul	506.04	680.97	47.12	513.99	166.98
		Aug	507.45	684.40	47.67	514.25	170.14
United States							
Total Grains 4/	2019/20		417.89	516.29	79.82	355.75	80.73
	2020/21 (Est.)		431.48	518.50	108.05	355.24	55.21
	2021/22 (Proj.)	Jul	452.59	514.79	98.47	358.46	57.86
		Aug	440.73	503.41	95.96	355.65	51.80
Wheat	2019/20		52.58	84.79	26.37	30.44	27.99
	2020/21 (Est.)		49.69	80.40	26.99	30.45	22.97
	2021/22 (Proj.)	Jul	47.52	74.43	23.81	32.52	18.09
		Aug	46.18	73.09	23.81	32.22	17.05
Coarse Grains 5/	2019/20		359.43	423.01	50.46	320.73	51.83
	2020/21 (Est.)		374.57	428.89	78.08	319.96	30.85
	2021/22 (Proj.)	Jul	398.74	431.33	71.80	321.08	38.45
		Aug	388.28	421.45	69.26	318.64	33.56
Rice, milled	2019/20		5.88	8.49	2.99	4.59	0.91
	2020/21 (Est.)		7.23	9.21	2.99	4.83	1.40
	2021/22 (Proj.)	Jul	6.33	9.03	2.86	4.86	1.31
		Aug	6.27	8.87	2.89	4.79	1.18

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	2,258.70	2,971.51	369.45	2,319.85	731.47	
	2020/21 (Est.)	2,275.02	3,000.20	368.70	2,386.14	722.11	
	2021/22 (Proj.)	Jul	2,342.66	3,055.89	400.41	2,435.36	719.00
		Aug	2,328.03	3,042.67	395.05	2,430.22	708.41
Wheat	2019/20	711.01	961.47	168.66	718.13	269.71	
	2020/21 (Est.)	726.15	993.13	174.65	754.25	265.86	
	2021/22 (Proj.)	Jul	744.88	1,008.15	180.18	758.37	273.59
		Aug	730.73	992.64	174.42	754.45	262.01
Coarse Grains 5/	2019/20	1,055.73	1,344.08	160.41	1,109.62	284.92	
	2020/21 (Est.)	1,050.29	1,332.72	148.22	1,130.10	280.70	
	2021/22 (Proj.)	Jul	1,098.07	1,375.81	175.97	1,167.86	279.74
		Aug	1,096.12	1,374.50	175.85	1,166.31	277.45
Rice, milled	2019/20	491.95	665.95	40.39	492.10	176.84	
	2020/21 (Est.)	498.58	674.36	45.84	501.79	175.55	
	2021/22 (Proj.)	Jul	499.71	671.94	44.26	509.13	165.67
		Aug	501.18	675.53	44.78	509.46	168.96

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	201.45	41.23	102.82	98.16	
	2020/21 (Est.)	112.42	210.58	48.05	119.01	91.78	
	2021/22 (Proj.)	Jul	119.39	210.95	45.92	123.16	87.74
		Aug	118.84	210.62	46.25	123.33	87.23
United States	2019/20	19.91	24.77	15.51	2.15	7.25	
	2020/21 (Est.)	14.61	21.86	16.35	2.30	3.20	
	2021/22 (Proj.)	Jul	17.80	20.95	15.20	2.50	3.30
		Aug	17.26	20.47	15.00	2.50	3.00
Foreign 4/	2019/20	101.49	176.68	25.72	100.67	90.91	
	2020/21 (Est.)	97.81	188.72	31.70	116.71	88.58	
	2021/22 (Proj.)	Jul	101.59	190.00	30.72	120.66	84.44
		Aug	101.58	190.16	31.25	120.83	84.23

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		581.30	715.56	190.68	509.00	112.59
	2020/21 (Est.)		599.91	712.49	191.14	512.27	106.57
	2021/22 (Proj.)	Jul	635.41	740.38	199.92	533.84	108.61
		Aug	629.52	736.09	196.41	529.47	108.85
Oilmeals	2019/20		346.65	364.44	95.38	342.05	16.78
	2020/21 (Est.)		351.47	368.26	96.79	347.06	15.06
	2021/22 (Proj.)	Jul	365.54	380.91	98.93	357.99	16.48
		Aug	362.38	377.43	98.71	355.55	15.50
Vegetable Oils	2019/20		207.53	232.06	86.78	202.94	25.20
	2020/21 (Est.)		207.31	232.51	86.64	207.35	22.61
	2021/22 (Proj.)	Jul	216.96	239.51	91.37	213.34	22.47
		Aug	215.86	238.47	91.45	212.88	22.03
United States							
Oilseeds	2019/20		106.98	134.74	46.97	63.04	15.96
	2020/21 (Est.)		122.35	139.53	62.65	63.12	6.09
	2021/22 (Proj.)	Jul	130.46	137.57	57.69	64.88	5.89
		Aug	128.15	135.91	57.10	64.34	5.80
Oilmeals	2019/20		48.76	53.31	12.83	40.09	0.39
	2020/21 (Est.)		48.83	53.56	13.05	40.04	0.48
	2021/22 (Proj.)	Jul	50.07	54.50	13.22	40.75	0.53
		Aug	49.67	54.09	13.13	40.43	0.53
Vegetable Oils	2019/20		12.64	18.71	1.50	16.00	1.21
	2020/21 (Est.)		12.88	18.67	1.01	16.47	1.19
	2021/22 (Proj.)	Jul	13.13	19.30	0.85	17.41	1.04
		Aug	13.03	19.28	0.85	17.40	1.03
Foreign 3/							
Oilseeds	2019/20		474.32	580.83	143.71	445.96	96.63
	2020/21 (Est.)		477.56	572.96	128.49	449.16	100.48
	2021/22 (Proj.)	Jul	504.95	602.81	142.23	468.97	102.72
		Aug	501.38	600.18	139.31	465.12	103.05
Oilmeals	2019/20		297.88	311.13	82.55	301.96	16.40
	2020/21 (Est.)		302.64	314.69	83.75	307.03	14.57
	2021/22 (Proj.)	Jul	315.47	326.41	85.71	317.24	15.95
		Aug	312.71	323.34	85.57	315.12	14.97
Vegetable Oils	2019/20		194.89	213.35	85.28	186.94	23.99
	2020/21 (Est.)		194.44	213.84	85.63	190.87	21.42
	2021/22 (Proj.)	Jul	203.83	220.21	90.52	195.93	21.43
		Aug	202.83	219.19	90.60	195.47	21.00

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. Jul	2021/22 Proj. Aug
			<i>Million Acres</i>	
Area Planted	45.5	44.3	46.7	46.7
Area Harvested	37.4	36.7	38.1	38.1
			<i>Bushels</i>	
Yield per Harvested Acre	51.7	49.7	45.8	44.5
			<i>Million Bushels</i>	
Beginning Stocks	1,080	1,028	844	844
Production	1,932	1,826	1,746	1,697
Imports	104	100	145	145
Supply, Total	3,116	2,954	2,735	2,686
Food	962	959	963	962
Seed	60	61	62	62
Feed and Residual	97	99	170	160
Domestic, Total	1,118	1,119	1,195	1,184
Exports	969	992	875	875
Use, Total	2,087	2,110	2,070	2,059
Ending Stocks	1,028	844	665	627
Avg. Farm Price (\$/bu) 2/	4.58	5.05	6.60	6.70

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
				<i>Million</i>		<i>Bushels</i>	
2020/21 (Est.)	Beginning Stocks	506	280	105	95	42	1,028
	Production	659	530	266	302	69	1,826
	Supply, Total 3/	1,169	857	376	404	148	2,954
	Domestic Use	403	338	222	64	92	1,119
	Exports	340	284	69	270	28	992
	Use, Total	743	622	291	334	121	2,110
	Ending Stocks, Total	426	235	85	70	28	844
2021/22 (Proj.)	Beginning Stocks	426	235	85	70	28	844
	Production	777	305	366	214	35	1,697
	Supply, Total 3/	1,208	610	456	289	122	2,686
	Domestic Use	502	269	237	90	87	1,184
	Exports	360	225	115	160	15	875
	Use, Total	862	494	352	250	102	2,059
	Ending Stocks, Total						
		Aug					
		Jul					
		346	116	104	40	21	627
		369	119	105	51	20	665

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.
			Jul	Aug
			<i>Million Acres</i>	
Area Planted	100.6	102.3	104.1 *	104.1
Area Harvested	89.1	90.7	93.0 *	93.0
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.03	4.13	4.28	4.17
			<i>Million Metric Tons</i>	
Beginning Stocks	60.5	51.8	29.9	30.8
Production	359.2	374.3	398.4	388.0
Imports	2.8	2.3	2.4	2.1
Supply, Total	422.4	428.3	430.7	420.9
Feed and Residual	154.3	149.6	148.5	145.9
Food, Seed & Industrial	165.9	169.8	172.0	172.2
Domestic, Total	320.2	319.4	320.5	318.1
Exports	50.4	78.1	71.8	69.3
Use, Total	370.6	397.5	392.3	387.4
Ending Stocks	51.8	30.8	38.4	33.5
CORN				
			<i>Million Acres</i>	
Area Planted	89.7	90.8	92.7 *	92.7
Area Harvested	81.3	82.5	84.5 *	84.5
			<i>Bushels</i>	
Yield per Harvested Acre	167.5	172.0	179.5 *	174.6
			<i>Million Bushels</i>	
Beginning Stocks	2,221	1,919	1,082	1,117
Production	13,620	14,182	15,165	14,750
Imports	42	25	25	25
Supply, Total	15,883	16,127	16,272	15,892
Feed and Residual	5,900	5,725	5,725	5,625
Food, Seed & Industrial 2/	6,286	6,510	6,615	6,625
Ethanol & by-products 3/	4,857	5,075	5,200	5,200
Domestic, Total	12,186	12,235	12,340	12,250
Exports	1,777	2,775	2,500	2,400
Use, Total	13,963	15,010	14,840	14,650
Ending Stocks	1,919	1,117	1,432	1,242
Avg. Farm Price (\$/bu) 4/	3.56	4.40	5.60	5.75

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. *For July, planted acres reported in the June 30, 2021, "Acreage." The corn yield projection is based on a weather-adjusted trend assuming normal mid-May planting progress and summer growing season weather, estimated using the 1988-2020 time period, and includes a downward stochastic adjustment to account for the asymmetric response of yield to July precipitation.

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

SORGHUM	2019/20	2020/21 Est.	2021/22 Proj. Jul	2021/22 Proj. Aug
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.3	5.9	6.5 *	6.5
Area Harvested (mil. acres)	4.7	5.1	5.8 *	5.8
Yield (bushels/acre)	73.0	73.2	69.0 *	70.8
Beginning Stocks	64	30	13	13
Production	341	373	399	409
Imports	0	0	0	0
Supply, Total	405	403	412	423
Feed and Residual	97	95	65	75
Food, Seed & Industrial	75	10	10	10
Total Domestic	172	105	75	85
Exports	203	285	320	320
Use, Total	375	390	395	405
Ending Stocks	30	13	17	18
Avg. Farm Price (\$/bu) 2/	3.34	5.00	6.00	6.15
BARLEY				
Area Planted (mil. acres)	2.8	2.6	2.6 *	2.6
Area Harvested (mil. acres)	2.2	2.1	2.0 *	2.0
Yield (bushels/acre)	77.7	77.5	55.9 *	51.6
Beginning Stocks	87	80	72	72
Production	172	165	114	106
Imports	7	7	7	7
Supply, Total	266	252	193	184
Feed and Residual	39	26	10	10
Food, Seed & Industrial	142	141	120	115
Total Domestic	180	167	130	125
Exports	6	14	6	6
Use, Total	186	180	136	131
Ending Stocks	80	72	57	53
Avg. Farm Price (\$/bu) 2/	4.69	4.75	5.95	5.75
OATS				
Area Planted (mil. acres)	2.8	3.0	2.4 *	2.4
Area Harvested (mil. acres)	0.8	1.0	0.7 *	0.7
Yield (bushels/acre)	64.3	65.1	57.2 *	57.4
Beginning Stocks	38	37	38	38
Production	53	65	41	41
Imports	92	85	92	77
Supply, Total	183	188	171	156
Feed and Residual	63	67	65	50
Food, Seed & Industrial	81	79	79	79
Total Domestic	144	146	144	129
Exports	2	3	2	2
Use, Total	146	150	146	131
Ending Stocks	37	38	25	25
Avg. Farm Price (\$/bu) 2/	2.82	2.77	3.60	3.60

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. *For July, sorghum planted and harvested acres reported in the June 30, 2021, "Acreage." The yield is the median yield for 2001-2020. Barley and oats area planted, area harvested, yield, and production as reported in the July 12, 2021, "Crop Production."

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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. Jul	2021/22 Proj. Aug
		<i>Million Acres</i>		
Area Planted	2.55	3.04	2.66 *	2.66
Area Harvested	2.48	2.99	2.62 *	2.62
		<i>Pounds</i>		
Yield per Harvested Acre	7,473	7,619	7,620 *	7,544
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	44.9	28.7	45.9	43.9
Production	185.1	227.6	199.3	197.4
Imports	37.3	33.7	39.0	38.0
Supply, Total	267.3	289.9	284.3	279.3
Domestic & Residual 3/	144.4	152.0	153.0	151.0
Exports, Total 4/	94.2	94.0	90.0	91.0
Rough	31.3	35.0	35.0	33.0
Milled (rough equiv.)	62.9	59.0	55.0	58.0
Use, Total	238.6	246.0	243.0	242.0
Ending Stocks	28.7	43.9	41.3	37.3
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	13.60	13.90	14.40	14.50
LONG-GRAIN RICE				
Harvested Acres (mil.)	1.73	2.30		
Yield (pounds/acre)	7,261	7,422		
Beginning Stocks	32.6	16.9	32.8	31.8
Imports	29.8	27.0	31.0	30.0
Production	125.6	170.9	152.3	150.0
Supply, Total 7/	188.0	214.8	216.1	211.8
Domestic & Residual 3/	106.3	118.0	120.0	118.0
Exports 8/	64.8	65.0	63.0	65.0
Use, Total	171.1	183.0	183.0	183.0
Ending Stocks	16.9	31.8	33.1	28.8
Avg. Farm Price (\$/cwt) 6/	12.00	12.60	12.80	12.90
MEDIUM & SHORT-GRAIN RICE				
Harvested Acres (mil.)	0.75	0.69		
Yield (pounds/acre)	7,964	8,282		
Beginning Stocks	10.2	10.7	12.1	11.1
Imports	7.6	6.7	8.0	8.0
Production	59.5	56.7	47.0	47.3
Supply, Total 7/	78.3	74.1	67.1	66.5
Domestic & Residual 3/	38.2	34.0	33.0	33.0
Exports 8/	29.4	29.0	27.0	26.0
Use, Total	67.6	63.0	60.0	59.0
Ending Stocks	10.7	11.1	7.1	7.5
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.20	17.60	19.30	19.30
California 10/	21.60	19.70	22.00	22.00
Other States 1/	11.60	13.00	13.50	13.50

Note: Totals may not add due to rounding. 1/ Marketing year beginning August 1. 2/ Includes the following quantities of broken kernel rice (type undetermined) not included in estimates of ending stocks by type (in mil. cwt): 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. * For July--Planted and harvested area are reported in June 30, 2021 "Acreage" report. Projected yield is based on by-class trend analysis and planted area.

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

SOYBEANS	2019/20	2020/21 Est.	2021/22 Proj. Jul	2021/22 Proj. Aug
			<i>Million Acres</i>	
Area Planted	76.1	83.1	87.6 *	87.6
Area Harvested	74.9	82.3	86.7 *	86.7
			<i>Bushels</i>	
Yield per Harvested Acre	47.4	50.2	50.8 *	50.0
			<i>Million Bushels</i>	
Beginning Stocks	909	525	135	160
Production	3,552	4,135	4,405	4,339
Imports	15	20	35	35
Supply, Total	4,476	4,680	4,575	4,533
Crushings	2,165	2,155	2,225	2,205
Exports	1,679	2,260	2,075	2,055
Seed	96	102	104	104
Residual	12	4	15	14
Use, Total	3,952	4,520	4,420	4,379
Ending Stocks	525	160	155	155
Avg. Farm Price (\$/bu) 2/	8.57	10.90	13.70	13.70
SOYBEAN OIL				
			<i>Million Pounds</i>	
Beginning Stocks	1,775	1,853	1,793	1,793
Production 4/	24,911	25,215	25,945	25,710
Imports	320	250	600	600
Supply, Total	27,006	27,318	28,338	28,103
Domestic Disappearance	22,317	23,825	25,400	25,200
Biofuel 3/	8,658	9,100	12,000	11,500
Food, Feed & other Industrial	13,659	14,725	13,400	13,700
Exports	2,837	1,700	1,450	1,450
Use, Total	25,154	25,525	26,850	26,650
Ending stocks	1,853	1,793	1,488	1,453
Avg. Price (c/lb) 2/	29.65	57.50	65.00	65.00
SOYBEAN MEAL				
			<i>Thousand Short Tons</i>	
Beginning Stocks	402	341	450	450
Production 4/	51,100	51,059	52,500	52,050
Imports	639	800	450	450
Supply, Total	52,142	52,200	53,400	52,950
Domestic Disappearance	37,967	37,650	38,600	38,250
Exports	13,834	14,100	14,300	14,200
Use, Total	51,801	51,750	52,900	52,450
Ending Stocks	341	450	500	500
Avg. Price (\$/s.t.) 2/	299.50	395.00	395.00	385.00

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 2,155 million bushels for 2020/21 and 2,205 million bushels for 2021/22. *Planted and harvested acres are from the June 30, 2021 Acreage report. The yield is based on a weather-adjusted trend model.

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U.S. Sugar Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj. Jul	2021/22 Proj. Aug
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,783	1,618	1,777	1,753
Production 2/	8,149	9,234	9,008	9,048
Beet Sugar	4,351	5,063	5,033	5,078
Cane Sugar	3,798	4,171	3,975	3,970
Florida	2,106	2,089	2,015	2,015
Louisiana	1,566	1,949	1,825	1,825
Texas	126	134	135	130
Imports	4,143	3,177	3,136	3,136
TRQ 3/	2,152	1,789	1,387	1,387
Other Program 4/	432	245	250	250
Other 5/	1,559	1,143	1,499	1,499
Mexico	1,376	963	1,449	1,449
Total Supply	14,074	14,028	13,921	13,937
Exports	61	45	35	35
Deliveries	12,322	12,230	12,230	12,230
Food	12,224	12,125	12,125	12,125
Other 6/	98	105	105	105
Miscellaneous	74	0	0	0
Total Use	12,457	12,275	12,265	12,265
Ending Stocks	1,618	1,753	1,656	1,672
Stocks to Use Ratio	13.0	14.3	13.5	13.6

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 (76) and for 2021/22 (99). 4/ Composed of sugar under the re-export and polyhydric alcohol programs. 5/ Imports from Mexico; and high-tier tariff sugar and syrups not otherwise specified -- for 2019/20 (183), 2020/21 (180), and 2021/22 (50). 6/ Transfers accompanying deliveries for sugar-containing products to be exported (SCP) and polyhydric alcohol manufacture (POLY), and deliveries for livestock feed and ethanol. Total refiner license transfers for SCP and POLY inclusive of WASDE-reported deliveries: 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.	858	5,708	105	4,391	1,366	913
	Jul	858	5,715	105	4,405	1,357	916
2021/22 Proj.	Aug	913	5,809	85	4,383	1,511	913
	Jul	916	5,809	85	4,397	1,497	916

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2019/20 = 1,388; Estimated 2020/21 = 1,325; Projected 2021/22 = 1,300. Estimated Oct-June 2020/21 = 989; Estimated Oct-June 2019/20 = 1,033. 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 (442 est =377 dom.+65 import); 2021/22 (442 proj = 377 dom.+65 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. Jul	2021/22 Proj. Aug
Area			<i>Million Acres</i>	
Planted	13.74	12.09	11.72 **	11.72
Harvested	11.50	8.28	10.50 **	10.36
			<i>Pounds</i>	
Yield per Harvested Acre	831	847	814 **	800
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	4.85	7.25	3.15	3.20
Production	19.91	14.61	17.80	17.26
Imports	0.00	0.00	0.00	0.00
Supply, Total	24.77	21.86	20.95	20.47
Domestic Use	2.15	2.30	2.50	2.50
Exports, Total	15.51	16.35	15.20	15.00
Use, Total	17.66	18.65	17.70	17.50
Unaccounted 2/	-0.15	0.01	-0.05	-0.03
Ending Stocks	7.25	3.20	3.30	3.00
Avg. Farm Price 3/	59.6	66.5	75.0	80.0

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. **Planted area as reported in June 30, 2021 Acreage. Harvested area based on 10-year average abandonment by region, with the Southwest adjusted to reflect favorable moisture. Yield based on 10-year average yields by region, with the Southwest adjusted for current conditions.

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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/	282.67	763.60	187.59	139.03	748.57	195.03	297.69
World Less China	144.08	630.00	182.22	120.03	622.57	193.98	147.18
United States	29.39	52.58	2.83	2.63	30.44	26.37	27.99
Total Foreign	253.28	711.01	184.77	136.40	718.13	168.66	269.71
Major Exporters 4/	37.35	308.45	7.55	73.41	179.56	142.53	31.26
Argentina	1.74	19.78	0.01	0.05	6.30	13.50	1.72
Australia	4.44	14.48	0.89	4.50	8.00	9.14	2.68
Canada	6.04	32.67	0.68	4.16	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	21.01	1.51
Major Importers 6/	180.51	202.54	122.00	37.09	297.82	13.21	194.03
Bangladesh	1.26	1.20	6.80	0.30	7.40	0.00	1.86
Brazil	1.06	5.20	7.03	0.50	12.10	0.43	0.76
China	138.59	133.60	5.38	19.00	126.00	1.05	150.52
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/	12.06	22.20	17.71	3.60	38.47	0.78	12.71
Southeast Asia 9/	5.95	0.00	26.45	7.94	25.38	1.13	5.89
Selected Other							
India	16.99	103.60	0.02	6.00	95.40	0.51	24.70
Kazakhstan	1.68	11.45	0.58	1.30	6.10	6.99	0.63
United Kingdom	1.91	15.60	1.74	7.43	14.93	1.62	2.70
2020/21 Est.							
World 3/	297.69	775.84	194.25	158.20	784.71	201.63	288.83
World Less China	147.18	641.59	183.63	118.20	634.71	200.87	144.21
United States	27.99	49.69	2.73	2.70	30.45	26.99	22.97
Total Foreign	269.71	726.15	191.53	155.50	754.26	174.65	265.86
Major Exporters 4/	31.26	322.54	6.78	73.35	180.20	147.00	33.38
Argentina	1.72	17.65	0.01	0.05	6.35	10.50	2.52
Australia	2.68	33.00	0.20	5.00	8.50	23.00	4.38
Canada	5.50	35.18	0.55	4.70	9.90	27.50	3.83
European Union 5/	12.62	125.94	5.50	42.00	104.25	30.75	9.07
Russia	7.23	85.35	0.40	19.00	42.50	38.50	11.98
Ukraine	1.51	25.42	0.13	2.60	8.70	16.75	1.60
Major Importers 6/	194.03	202.74	124.99	57.28	324.53	12.57	184.65
Bangladesh	1.86	1.18	6.70	0.35	7.75	0.00	1.99
Brazil	0.76	6.25	6.50	0.40	12.05	0.95	0.51
China	150.52	134.25	10.62	40.00	150.00	0.76	144.62
Japan	1.21	0.99	5.49	0.65	6.35	0.29	1.05
N. Africa 7/	14.36	16.60	28.59	1.75	47.10	0.89	11.56
Nigeria	0.30	0.06	6.50	0.05	5.55	0.60	0.70
Sel. Mideast 8/	12.71	22.18	18.50	3.59	39.51	0.52	13.36
Southeast Asia 9/	5.89	0.00	25.41	7.09	24.87	1.14	5.29
Selected Other							
India	24.70	107.86	0.03	6.50	103.09	2.40	27.10
Kazakhstan	0.63	14.26	0.60	1.40	6.15	8.00	1.34
United Kingdom	2.70	9.66	3.20	6.06	13.66	0.44	1.46

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/	Jul	290.18	792.40	201.99	160.55	790.89	203.99	291.68
	Aug	288.83	776.91	196.42	157.37	786.67	198.23	279.06
World Less China	Jul	144.55	656.40	191.99	125.55	642.89	202.99	149.05
	Aug	144.21	640.91	186.42	122.37	638.67	197.23	137.44
United States	Jul	22.97	47.52	3.95	4.63	32.52	23.81	18.09
	Aug	22.97	46.18	3.95	4.35	32.22	23.81	17.05
Total Foreign	Jul	267.21	744.88	198.04	155.93	758.37	180.18	273.59
	Aug	265.86	730.73	192.47	153.02	754.45	174.42	262.01
Major Exporters 4/	Jul	33.42	333.70	7.30	76.05	183.15	152.00	39.27
	Aug	33.38	318.60	6.90	73.65	180.35	146.50	32.04
Argentina	Jul	2.51	20.50	0.00	0.05	6.45	13.50	3.06
	Aug	2.52	20.50	0.00	0.05	6.45	13.50	3.08
Australia	Jul	4.38	28.50	0.20	4.50	8.00	20.50	4.58
	Aug	4.38	30.00	0.20	4.50	8.00	22.00	4.58
Canada	Jul	3.83	31.50	0.70	4.00	9.20	23.00	3.83
	Aug	3.83	24.00	0.70	2.80	8.00	17.50	3.03
European Union 5/	Jul	9.07	138.20	5.80	45.50	108.00	34.00	11.07
	Aug	9.07	138.60	5.40	46.00	108.50	35.00	9.57
Russia	Jul	12.03	85.00	0.50	19.00	42.50	40.00	15.03
	Aug	11.98	72.50	0.50	17.00	40.00	35.00	9.98
Ukraine	Jul	1.60	30.00	0.10	3.00	9.00	21.00	1.70
	Aug	1.60	33.00	0.10	3.30	9.40	23.50	1.80
Major Importers 6/	Jul	185.97	206.46	129.71	53.27	325.01	13.10	184.04
	Aug	184.65	207.51	126.51	52.94	325.01	12.75	180.92
Bangladesh	Jul	1.99	1.13	7.00	0.40	8.10	0.00	2.02
	Aug	1.99	1.13	6.90	0.35	8.05	0.00	1.97
Brazil	Jul	0.64	6.90	7.00	0.70	12.50	1.00	1.04
	Aug	0.51	7.70	6.50	0.80	12.60	1.30	0.81
China	Jul	145.63	136.00	10.00	35.00	148.00	1.00	142.63
	Aug	144.62	136.00	10.00	35.00	148.00	1.00	141.62
Japan	Jul	1.10	0.96	5.80	0.70	6.40	0.30	1.16
	Aug	1.05	0.96	5.70	0.63	6.30	0.30	1.11
N. Africa 7/	Jul	11.96	20.85	29.15	1.75	47.75	1.01	13.21
	Aug	11.56	21.55	27.95	1.95	47.70	1.01	12.36
Nigeria	Jul	0.70	0.06	5.60	0.05	5.35	0.40	0.61
	Aug	0.70	0.06	5.60	0.05	5.65	0.40	0.31
Sel. Mideast 8/	Jul	13.16	20.49	19.31	3.67	39.51	0.74	12.71
	Aug	13.36	20.49	19.11	3.67	39.81	0.49	12.66
Southeast Asia 9/	Jul	5.19	0.00	26.60	7.30	25.25	1.11	5.43
	Aug	5.29	0.00	25.75	7.00	24.95	1.16	4.93
Selected Other								
	India	Jul	27.10	108.00	0.03	7.00	105.00	2.50
	Aug	27.10	108.00	0.03	7.00	105.00	2.70	27.43
Kazakhstan	Jul	1.24	13.00	0.50	1.30	6.15	7.50	1.09
	Aug	1.34	12.50	0.50	1.30	6.05	7.20	1.09
United Kingdom	Jul	1.45	14.80	2.00	7.70	15.90	0.70	1.65
	Aug	1.46	15.00	2.00	7.70	15.70	0.70	2.06

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

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

2019/20	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	351.93	1,415.17	204.91	882.88	1,430.35	210.87	336.75
World Less China	141.55	1,146.99	187.41	682.06	1,135.28	210.82	135.81
United States	60.47	359.43	3.11	154.52	320.73	50.45	51.83
Total Foreign	291.46	1,055.73	201.80	728.36	1,109.62	160.41	284.92
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	292.89	374.97	16.03	36.94
European Union 6/	14.51	152.74	19.42	119.65	158.63	13.65	14.39
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	64.93	73.40	0.74	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	210.38	268.18	17.50	200.82	295.07	0.04	200.94
2020/21 Est.							
World 3/	336.75	1,424.86	229.96	906.52	1,450.06	226.30	311.55
World Less China	135.81	1,156.84	185.41	684.42	1,135.61	226.27	112.51
United States	51.83	374.57	2.50	149.77	319.96	78.08	30.85
Total Foreign	284.92	1,050.29	227.46	756.75	1,130.10	148.22	280.70
Major Exporters 4/	24.23	293.13	6.33	135.14	180.47	119.50	23.72
Argentina	4.68	57.05	0.01	12.03	17.66	41.01	3.06
Australia	2.89	16.45	0.00	5.85	7.82	7.85	3.67
Brazil	5.72	90.96	4.20	61.52	72.66	23.03	5.21
Canada	3.98	29.64	1.96	16.64	24.12	7.46	4.01
Russia	1.87	41.40	0.09	22.37	31.94	9.05	2.37
Ukraine	2.65	39.59	0.03	9.45	12.61	27.90	1.76
Major Importers 5/	36.94	250.76	136.48	293.60	375.52	13.33	35.33
European Union 6/	14.39	154.04	14.60	119.64	158.49	11.02	13.52
Japan	1.74	0.23	16.94	13.34	17.22	0.00	1.69
Mexico	4.14	31.96	17.04	29.86	49.35	0.73	3.06
N. Afr & Mideast 7/	8.12	33.57	37.66	62.79	71.00	0.70	7.65
Saudi Arabia	1.72	0.19	11.21	11.15	11.51	0.00	1.62
Southeast Asia 8/	3.82	30.47	22.93	43.15	51.51	0.89	4.83
South Korea	2.02	0.22	11.61	9.15	11.66	0.00	2.19
Selected Other							
China	200.94	268.02	44.55	222.10	314.45	0.03	199.03

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.

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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/	Jul	310.33	1,496.80	235.47	923.12	1,488.94	247.76	318.19
	Aug	311.55	1,484.40	230.88	916.92	1,484.94	245.10	311.01
World Less China	Jul	111.26	1,221.38	188.77	693.77	1,166.79	247.71	119.20
	Aug	112.51	1,209.00	185.18	688.42	1,163.64	245.05	112.22
United States	Jul	29.96	398.74	2.63	148.68	321.08	71.80	38.45
	Aug	30.85	388.28	2.32	146.09	318.64	69.26	33.56
Total Foreign	Jul	280.37	1,098.07	232.85	774.44	1,167.86	175.97	279.74
	Aug	280.70	1,096.12	228.56	770.84	1,166.31	175.85	277.45
Major Exporters 4/	Jul	24.37	333.67	4.62	140.91	187.63	148.12	26.91
	Aug	23.72	333.43	4.71	140.69	187.25	148.85	25.76
Argentina	Jul	3.29	60.78	0.01	12.98	18.65	41.71	3.72
	Aug	3.06	60.77	0.01	12.95	18.62	41.71	3.52
Australia	Jul	3.57	14.20	0.00	6.61	8.67	6.88	2.22
	Aug	3.67	14.70	0.00	6.61	8.67	7.38	2.32
Brazil	Jul	5.71	122.02	2.40	65.59	77.73	43.03	9.38
	Aug	5.21	122.02	2.40	65.59	77.73	43.03	8.88
Canada	Jul	4.01	29.25	2.02	16.54	23.94	7.70	3.64
	Aug	4.01	26.15	2.11	16.30	23.60	5.46	3.21
Russia	Jul	2.37	41.65	0.10	22.95	32.55	9.75	1.82
	Aug	2.37	41.90	0.10	22.85	32.40	10.15	1.82
Ukraine	Jul	1.77	48.06	0.03	8.85	12.01	35.85	2.00
	Aug	1.76	50.32	0.03	9.01	12.20	37.93	1.97
Major Importers 5/	Jul	35.15	248.73	141.87	296.09	378.72	13.61	33.42
	Aug	35.33	248.11	137.99	293.61	376.20	13.11	32.12
European Union 6/	Jul	13.46	153.40	16.42	118.80	157.83	11.65	13.81
	Aug	13.52	153.45	16.39	119.23	158.20	11.15	14.01
Japan	Jul	1.69	0.20	17.54	13.88	17.82	0.00	1.61
	Aug	1.69	0.20	17.24	13.78	17.72	0.00	1.41
Mexico	Jul	3.06	33.75	17.55	30.66	50.14	0.70	3.52
	Aug	3.06	33.75	17.00	30.61	50.09	0.70	3.02
N. Afr & Mideast 7/	Jul	7.65	30.97	41.51	64.47	73.14	0.42	6.58
	Aug	7.65	30.30	39.21	61.72	70.39	0.42	6.36
Saudi Arabia	Jul	1.62	0.20	11.51	11.36	11.71	0.00	1.62
	Aug	1.62	0.20	11.21	11.26	11.61	0.00	1.42
Southeast Asia 8/	Jul	4.71	29.91	21.05	42.95	51.35	0.85	3.48
	Aug	4.83	29.91	20.85	43.05	51.45	0.85	3.29
South Korea	Jul	2.19	0.22	11.81	9.55	12.06	0.00	2.17
	Aug	2.19	0.22	11.61	9.55	12.06	0.00	1.97
Selected Other								
China	Jul	199.07	275.43	46.70	229.35	322.15	0.05	198.99
	Aug	199.03	275.40	45.70	228.50	321.30	0.05	198.78

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.

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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/	322.56	1,118.56	167.59	715.89	1,134.86	172.40	306.26
World Less China	112.40	857.78	160.00	522.89	856.86	172.39	105.74
United States	56.41	345.96	1.06	149.86	309.55	45.13	48.76
Total Foreign	266.15	772.60	166.53	566.03	825.31	127.27	257.50
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	210.16	260.78	7.60	193.00	278.00	0.01	200.53
2020/21 Est.							
World 3/	306.26	1,115.41	184.21	727.71	1,140.92	178.50	280.75
World Less China	105.74	854.74	158.21	521.71	851.92	178.48	82.58
United States	48.76	360.25	0.64	145.42	310.78	70.49	28.37
Total Foreign	257.50	755.16	183.58	582.28	830.13	108.01	252.38
Major Exporters 4/	13.27	196.87	3.56	90.70	112.80	89.30	11.60
Argentina	3.62	48.50	0.01	9.70	13.70	36.50	1.92
Brazil	5.23	87.00	3.50	58.00	68.00	23.00	4.73
Russia	0.83	13.87	0.04	9.60	10.70	3.10	0.94
South Africa	2.12	17.20	0.00	7.20	13.00	3.20	3.12
Ukraine	1.48	30.30	0.02	6.20	7.40	23.50	0.89
Major Importers 5/	21.01	128.44	91.97	161.80	216.30	4.90	20.23
Egypt	1.73	6.40	10.00	14.10	16.60	0.01	1.52
European Union 6/	7.58	64.47	13.20	55.30	75.00	3.30	6.94
Japan	1.39	0.00	15.40	11.90	15.40	0.00	1.39
Mexico	3.52	27.00	16.50	25.50	43.70	0.70	2.62
Southeast Asia 7/	3.81	30.42	20.97	41.40	49.50	0.89	4.82
South Korea	2.00	0.08	11.50	9.10	11.40	0.00	2.18
Selected Other							0.00
Canada	2.56	13.56	1.70	8.80	14.00	1.50	2.32
China	200.53	260.67	26.00	206.00	289.00	0.02	198.18

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.

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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/	Jul	279.86	1,194.80	187.66	747.59	1,183.47	198.84	291.18
	Aug	280.75	1,186.12	184.61	743.89	1,182.24	197.85	284.63
World Less China	Jul	81.68	926.80	161.66	536.59	889.47	198.82	93.03
	Aug	82.58	918.12	158.61	532.89	888.24	197.83	86.48
United States	Jul	27.48	385.21	0.64	145.42	313.45	63.50	36.37
	Aug	28.37	374.68	0.64	142.88	311.16	60.96	31.56
Total Foreign	Jul	252.37	809.59	187.02	602.17	870.02	135.34	254.81
	Aug	252.38	811.44	183.97	601.01	871.07	136.89	253.08
Major Exporters 4/	Jul	12.30	238.90	1.77	95.50	118.90	117.10	16.97
	Aug	11.60	241.50	1.77	96.00	119.40	119.20	16.27
Argentina	Jul	2.12	51.00	0.01	10.50	14.50	36.00	2.63
	Aug	1.92	51.00	0.01	10.50	14.50	36.00	2.43
Brazil	Jul	5.23	118.00	1.70	62.00	73.00	43.00	8.93
	Aug	4.73	118.00	1.70	62.00	73.00	43.00	8.43
Russia	Jul	0.94	15.40	0.05	10.10	11.30	4.40	0.69
	Aug	0.94	16.50	0.05	10.60	11.80	5.00	0.69
South Africa	Jul	3.12	17.00	0.00	7.30	13.30	3.20	3.62
	Aug	3.12	17.00	0.00	7.30	13.30	3.20	3.62
Ukraine	Jul	0.89	37.50	0.02	5.60	6.80	30.50	1.11
	Aug	0.89	39.00	0.02	5.60	6.80	32.00	1.11
Major Importers 5/	Jul	20.12	131.12	93.90	165.00	219.90	5.85	19.39
	Aug	20.23	129.92	92.10	164.00	218.80	5.35	18.10
Egypt	Jul	1.52	6.40	10.40	14.40	16.90	0.01	1.42
	Aug	1.52	6.40	10.00	14.10	16.60	0.01	1.32
European Union 6/	Jul	6.95	66.70	15.00	57.00	76.90	4.30	7.45
	Aug	6.94	65.50	15.00	56.50	76.30	3.80	7.34
Japan	Jul	1.39	0.00	15.90	12.40	15.95	0.00	1.34
	Aug	1.39	0.00	15.60	12.30	15.85	0.00	1.14
Mexico	Jul	2.62	28.00	17.00	25.80	44.00	0.70	2.92
	Aug	2.62	28.00	16.50	25.80	44.00	0.70	2.42
Southeast Asia 7/	Jul	4.70	29.86	19.50	41.50	49.75	0.85	3.47
	Aug	4.82	29.86	19.10	41.40	49.65	0.85	3.28
South Korea	Jul	2.18	0.08	11.70	9.50	11.80	0.00	2.15
	Aug	2.18	0.08	11.50	9.50	11.80	0.00	1.95
Selected Other								
Canada	Jul	2.32	13.30	2.00	9.30	14.50	1.00	2.12
	Aug	2.32	13.60	2.00	9.60	14.80	1.00	2.12
China	Jul	198.18	268.00	26.00	211.00	294.00	0.02	198.16
	Aug	198.18	268.00	26.00	211.00	294.00	0.02	198.16

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.

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**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	497.83	42.31	496.69	43.38	177.75
World Less China	61.61	351.10	39.71	351.46	40.78	61.25
United States	1.42	5.88	1.19	4.59	2.99	0.91
Total Foreign	175.19	491.95	41.12	492.10	40.39	176.84
Major Exporters 4/	36.69	183.69	0.66	153.33	30.48	37.22
Burma	1.06	12.65	0.00	10.40	2.30	1.01
India	29.50	118.87	0.00	105.98	12.49	29.90
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	1.59	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/	177.75	505.81	45.89	506.62	48.82	176.95
World Less China	61.25	357.51	41.69	356.34	46.60	60.45
United States	0.91	7.23	1.07	4.83	2.99	1.40
Total Foreign	176.84	498.58	44.82	501.79	45.84	175.55
Major Exporters 4/	37.22	189.05	1.41	155.00	37.15	35.53
Burma	1.01	12.60	0.00	10.55	1.85	1.21
India	29.90	122.00	0.00	107.00	19.00	25.90
Pakistan	1.15	8.18	0.00	3.55	4.20	1.59
Thailand	3.98	18.83	0.20	12.70	5.80	4.51
Vietnam	1.18	27.44	1.20	21.20	6.30	2.32
Major Importers 5/	128.55	240.77	16.87	255.23	2.75	128.22
China	116.50	148.30	4.20	150.28	2.22	116.50
European Union 6/	1.26	1.95	1.80	3.40	0.50	1.11
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	12.46	2.10	14.45	0.00	3.71
Sel. Mideast 7/	1.22	2.31	3.70	6.10	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	1.57	1.87	3.40	0.03	0.61
Egypt	1.23	4.00	0.25	4.30	0.02	1.16
Japan	1.98	7.57	0.69	8.25	0.08	1.90
Mexico	0.18	0.21	0.80	0.96	0.02	0.21
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/	Jul	174.92	506.04	45.39	513.99	47.12	166.98
	Aug	176.95	507.45	45.65	514.25	47.67	170.14
World Less China	Jul	59.32	357.04	42.19	357.99	44.72	57.58
	Aug	60.45	358.45	42.05	358.55	45.27	59.14
United States	Jul	1.46	6.33	1.24	4.86	2.86	1.31
	Aug	1.40	6.27	1.21	4.79	2.89	1.18
Total Foreign	Jul	173.46	499.71	44.15	509.13	44.26	165.67
	Aug	175.55	501.18	44.44	509.46	44.78	168.96
Major Exporters 4/	Jul	34.56	188.40	0.70	156.55	34.70	32.42
	Aug	35.53	188.60	0.71	156.60	35.20	33.03
Burma	Jul	1.16	12.80	0.00	10.65	2.10	1.22
	Aug	1.21	12.80	0.00	10.70	2.00	1.32
India	Jul	25.90	121.00	0.00	108.00	15.50	23.40
	Aug	25.90	121.00	0.00	108.00	16.00	22.90
Pakistan	Jul	1.56	8.20	0.00	3.70	4.30	1.76
	Aug	1.59	8.20	0.01	3.70	4.30	1.79
Thailand	Jul	4.51	19.50	0.20	12.90	6.50	4.81
	Aug	4.51	19.50	0.20	12.90	6.50	4.81
Vietnam	Jul	1.43	26.90	0.50	21.30	6.30	1.23
	Aug	2.32	27.10	0.50	21.30	6.40	2.22
Major Importers 5/	Jul	127.56	242.27	15.80	261.06	2.97	121.60
	Aug	128.22	243.24	16.15	261.07	2.97	123.57
China	Jul	115.60	149.00	3.20	156.00	2.40	109.40
	Aug	116.50	149.00	3.60	155.70	2.40	111.00
European Union 6/	Jul	1.21	1.89	2.10	3.50	0.55	1.15
	Aug	1.11	1.89	2.00	3.45	0.55	1.00
Indonesia	Jul	3.41	35.30	0.60	35.60	0.00	3.71
	Aug	3.41	35.35	0.60	35.60	0.00	3.76
Nigeria	Jul	0.70	5.00	2.00	6.95	0.00	0.75
	Aug	0.70	5.00	2.00	6.95	0.00	0.75
Philippines	Jul	3.65	12.30	2.10	14.50	0.00	3.55
	Aug	3.71	12.30	2.10	14.50	0.00	3.61
Sel. Mideast 7/	Jul	1.02	2.25	3.85	6.11	0.00	1.01
	Aug	1.12	2.25	3.90	6.17	0.00	1.11
Selected Other							
Brazil	Jul	0.51	7.96	0.70	7.50	1.05	0.62
	Aug	0.61	8.02	0.65	7.45	1.05	0.78
C. Amer & Carib 8/	Jul	0.62	1.67	1.93	3.51	0.02	0.68
	Aug	0.61	1.62	1.93	3.46	0.02	0.68
Egypt	Jul	1.16	3.45	0.60	4.30	0.02	0.89
	Aug	1.16	3.45	0.60	4.30	0.02	0.89
Japan	Jul	1.90	7.58	0.69	8.20	0.07	1.90
	Aug	1.90	7.58	0.69	8.20	0.07	1.90
Mexico	Jul	0.22	0.22	0.80	0.97	0.01	0.26
	Aug	0.21	0.22	0.80	0.97	0.01	0.25
South Korea	Jul	1.04	3.77	0.41	3.90	0.06	1.26
	Aug	1.04	3.77	0.41	3.90	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	80.05	121.40	40.74	102.82	41.23	-0.03	98.16
World Less China	44.38	94.15	33.60	69.82	41.08	-0.03	61.26
United States	4.85	19.91	3/	2.15	15.51	-0.15	7.25
Total Foreign	75.20	101.49	40.74	100.67	25.72	0.12	90.91
Major Exporters 4/	28.34	57.81	2.92	28.17	21.23	0.02	39.65
Central Asia 5/	2.28	5.96	3/	3.91	1.78	0.00	2.56
Afr. Fr. Zone 6/	1.41	5.91	3/	0.14	4.66	0.00	2.52
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	9.00	28.80	2.28	20.00	3.20	0.00	16.88
Major Importers 8/	44.88	40.62	35.44	68.85	3.19	0.10	48.80
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/	0.23	2.00	0.58	0.60	1.82	0.02	0.36
Turkey	1.69	3.45	4.67	6.60	0.45	0.00	2.77
Pakistan	2.50	6.20	3.98	9.20	0.06	0.03	3.39
Indonesia	0.53	3/	2.51	2.40	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	98.16	112.42	48.39	119.01	48.05	0.13	91.78
World Less China	61.26	82.92	35.64	79.01	48.04	0.13	52.64
United States	7.25	14.61	3/	2.30	16.35	0.01	3.20
Total Foreign	90.91	97.81	48.39	116.71	31.70	0.12	88.58
Major Exporters 4/	39.65	54.95	1.55	32.83	27.24	0.02	36.07
Central Asia 5/	2.56	5.84	0.01	4.14	1.98	0.00	2.29
Afr. Fr. Zone 6/	2.52	4.87	3/	0.14	5.07	0.00	2.17
S. Hemis. 7/	17.25	15.58	0.14	3.93	13.54	0.01	15.50
Australia	0.80	2.80	3/	0.04	1.35	0.00	2.22
Brazil	14.40	10.75	0.01	3.00	11.01	0.00	11.15
India	16.88	28.30	0.80	24.00	6.10	0.00	15.88
Major Importers 8/	48.80	39.75	44.51	80.10	3.02	0.10	49.86
Mexico	0.69	1.02	0.88	1.65	0.50	0.03	0.41
China	36.90	29.50	12.75	40.00	0.01	0.00	39.14
European Union 9/	0.36	1.68	0.56	0.62	1.83	0.01	0.14
Turkey	2.77	2.90	5.35	7.70	0.60	0.00	2.72
Pakistan	3.39	4.50	5.30	10.40	0.03	0.03	2.74
Indonesia	0.64	3/	2.25	2.40	0.01	0.00	0.49
Thailand	0.10	3/	0.58	0.55	0.00	0.03	0.11
Bangladesh	2.52	0.15	8.50	8.40	0.00	0.01	2.75
Vietnam	1.11	3/	7.28	7.30	0.00	0.00	1.09

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	Jul	91.57	119.39	45.92	123.16	45.92	0.06	87.74
	Aug	91.78	118.84	46.25	123.33	46.25	0.07	87.23
World Less China	Jul	52.69	92.64	35.92	82.16	45.87	0.06	53.16
	Aug	52.64	92.09	36.25	82.33	46.20	0.07	52.39
United States	Jul	3.15	17.80	3/	2.50	15.20	-0.05	3.30
	Aug	3.20	17.26	3/	2.50	15.00	-0.03	3.00
Total Foreign	Jul	88.42	101.59	45.91	120.66	30.72	0.11	84.44
	Aug	88.58	101.58	46.25	120.83	31.25	0.11	84.23
Major Exporters 4/	Jul	36.01	60.32	1.74	34.61	26.49	0.02	36.95
	Aug	36.07	60.32	1.78	34.58	26.95	0.02	36.61
Central Asia 5/	Jul	2.31	5.63	3/	4.28	1.49	0.00	2.17
	Aug	2.29	5.48	0.02	4.25	1.46	0.00	2.08
Afr. Fr. Zone 6/	Jul	2.04	5.87	3/	0.14	5.80	0.00	1.97
	Aug	2.17	6.16	3/	0.14	6.07	0.00	2.11
S. Hemis. 7/	Jul	15.58	19.40	0.16	4.08	12.80	0.01	18.25
	Aug	15.50	19.23	0.16	4.08	12.98	0.01	17.83
Australia	Jul	2.17	3.90	3/	0.04	3.30	0.00	2.73
	Aug	2.22	4.40	3/	0.04	3.50	0.00	3.08
Brazil	Jul	11.08	13.25	0.03	3.10	8.20	0.00	13.05
	Aug	11.15	12.50	0.03	3.10	8.20	0.00	12.37
India	Jul	15.88	29.00	1.00	25.50	6.00	0.00	14.38
	Aug	15.88	29.00	1.00	25.50	6.00	0.00	14.38
Major Importers 8/	Jul	49.74	38.15	41.73	82.14	2.58	0.09	44.82
	Aug	49.86	38.14	42.00	82.32	2.64	0.09	44.96
Mexico	Jul	0.41	1.05	0.90	1.70	0.25	0.03	0.39
	Aug	0.41	1.05	0.90	1.65	0.30	0.03	0.39
China	Jul	38.87	26.75	10.00	41.00	0.05	0.00	34.57
	Aug	39.14	26.75	10.00	41.00	0.05	0.00	34.84
European Union 9/	Jul	0.16	1.80	0.59	0.64	1.76	0.00	0.15
	Aug	0.14	1.79	0.59	0.64	1.72	0.00	0.16
Turkey	Jul	2.67	3.40	5.20	8.20	0.45	0.00	2.62
	Aug	2.72	3.40	5.20	8.20	0.50	0.00	2.62
Pakistan	Jul	2.84	5.00	5.30	10.50	0.05	0.03	2.57
	Aug	2.74	5.00	5.60	10.60	0.05	0.03	2.67
Indonesia	Jul	0.49	3/	2.50	2.50	0.01	0.00	0.49
	Aug	0.49	3/	2.45	2.50	0.01	0.00	0.44
Thailand	Jul	0.10	3/	0.58	0.55	0.00	0.03	0.11
	Aug	0.11	3/	0.58	0.55	0.00	0.03	0.11
Bangladesh	Jul	2.80	0.15	8.00	8.40	0.00	0.01	2.54
	Aug	2.75	0.15	8.00	8.50	0.00	0.01	2.39
Vietnam	Jul	1.16	3/	7.60	7.60	0.00	0.00	1.17
	Aug	1.09	3/	7.60	7.60	0.00	0.00	1.10

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/		114.71	339.70	164.97	312.43	358.44	165.06	95.87
World Less China		95.26	321.60	66.43	220.93	249.24	164.97	69.08
United States		24.74	96.67	0.42	58.91	61.85	45.70	14.28
Total Foreign		89.97	243.03	164.55	253.52	296.59	119.36	81.60
Major Exporters 3/		62.44	189.39	5.45	89.09	99.14	110.68	47.46
Argentina		28.89	48.80	4.88	38.77	45.87	10.00	26.70
Brazil		32.47	128.50	0.55	46.74	49.39	92.14	20.00
Paraguay		1.06	10.10	0.01	3.50	3.80	6.62	0.75
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/		95.87	363.26	164.71	319.07	366.10	164.93	92.82
World Less China		69.08	343.66	67.71	225.07	253.60	164.83	62.02
United States		14.28	112.55	0.54	58.65	61.52	61.51	4.34
Total Foreign		81.60	250.71	164.17	260.42	304.58	103.42	88.48
Major Exporters 3/		47.46	195.03	6.02	91.63	101.78	94.86	51.87
Argentina		26.70	46.00	5.00	41.50	48.70	3.70	25.30
Brazil		20.00	137.00	1.00	46.75	49.40	82.50	26.10
Paraguay		0.75	9.90	0.01	3.30	3.60	6.60	0.46
Major Importers 4/		29.45	23.24	130.92	123.46	150.21	0.32	33.08
China		26.80	19.60	97.00	94.00	112.50	0.10	30.80
European Union		1.54	2.58	15.00	16.10	17.82	0.20	1.09
Southeast Asia		0.83	0.58	9.67	4.81	10.19	0.02	0.87
Mexico		0.11	0.25	6.00	6.20	6.25	0.00	0.10
2021/22 Proj.								
World 2/	Jul	91.49	385.22	171.71	332.04	381.09	172.85	94.49
	Aug	92.82	383.63	170.61	329.57	378.59	172.33	96.15
World Less China	Jul	61.70	366.22	69.71	232.04	261.39	172.75	63.49
	Aug	62.02	364.63	69.61	231.57	260.89	172.23	63.15
United States	Jul	3.66	119.88	0.95	60.56	63.81	56.47	4.22
	Aug	4.34	118.08	0.95	60.01	63.24	55.93	4.21
Total Foreign	Jul	87.83	265.34	170.76	271.49	317.28	116.38	90.27
	Aug	88.48	265.55	169.66	269.56	315.35	116.40	91.93
Major Exporters 3/	Jul	52.30	209.10	5.37	94.53	104.83	108.38	53.56
	Aug	51.87	209.10	5.37	94.53	104.83	108.38	53.12
Argentina	Jul	25.50	52.00	4.70	43.00	50.35	6.35	25.50
	Aug	25.30	52.00	4.70	43.00	50.35	6.35	25.30
Brazil	Jul	26.34	144.00	0.65	47.70	50.35	93.00	27.64
	Aug	26.10	144.00	0.65	47.70	50.35	93.00	27.40
Paraguay	Jul	0.46	10.50	0.01	3.75	4.05	6.50	0.42
	Aug	0.46	10.50	0.01	3.75	4.05	6.50	0.42
Major Importers 4/	Jul	31.95	22.87	136.35	129.71	157.68	0.35	33.14
	Aug	33.08	22.87	135.35	127.75	155.70	0.35	35.25
China	Jul	29.80	19.00	102.00	100.00	119.70	0.10	31.00
	Aug	30.80	19.00	101.00	98.00	117.70	0.10	33.00
European Union	Jul	0.97	2.80	15.00	15.90	17.62	0.23	0.92
	Aug	1.09	2.80	15.00	15.90	17.62	0.23	1.05
Southeast Asia	Jul	0.87	0.53	9.85	4.98	10.36	0.02	0.87
	Aug	0.87	0.53	9.85	4.98	10.36	0.02	0.87
Mexico	Jul	0.10	0.30	6.20	6.40	6.45	0.00	0.15
	Aug	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/		13.91	245.22	61.98	240.88	67.68	12.55
World Less China		13.91	172.75	61.93	169.37	66.67	12.55
United States		0.37	46.36	0.58	34.44	12.55	0.31
Total Foreign		13.55	198.86	61.40	206.43	55.13	12.24
Major Exporters 3/		5.98	72.82	0.03	27.37	45.85	5.61
Argentina		2.06	29.87	0.00	3.20	27.46	1.27
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	37.06	58.95	1.10	1.62
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/		1.01	3.51	17.05	20.31	0.21	1.05
China		0.00	72.47	0.05	71.51	1.01	0.00
2020/21 Est.							
World 2/		12.55	250.60	63.30	245.71	69.19	11.55
World Less China		12.55	176.15	63.22	172.43	67.94	11.55
United States		0.31	46.32	0.73	34.16	12.79	0.41
Total Foreign		12.24	204.28	62.58	211.55	56.39	11.15
Major Exporters 3/		5.61	75.71	0.06	28.27	47.50	5.61
Argentina		1.27	31.95	0.00	3.32	28.50	1.40
Brazil		3.78	36.24	0.02	19.10	17.20	3.73
India		0.57	7.52	0.04	5.85	1.80	0.48
Major Importers 4/		1.62	23.15	37.43	59.42	1.03	1.74
European Union		0.33	12.73	16.75	28.54	0.80	0.46
Mexico		0.10	4.90	1.88	6.75	0.01	0.12
Southeast Asia 5/		1.05	3.75	16.95	20.52	0.22	1.01
China		0.00	74.45	0.08	73.28	1.25	0.00
2021/22 Proj.							
World 2/	Jul	11.92	260.63	64.39	254.63	70.15	12.16
	Aug	11.55	258.69	64.29	252.72	70.21	11.59
World Less China	Jul	11.92	181.43	64.33	176.62	68.90	12.16
	Aug	11.55	181.07	64.23	176.15	69.11	11.59
United States	Jul	0.41	47.63	0.41	35.02	12.97	0.45
	Aug	0.41	47.22	0.41	34.70	12.88	0.45
Total Foreign	Jul	11.51	213.00	63.99	219.61	57.18	11.71
	Aug	11.15	211.47	63.88	218.02	57.33	11.14
Major Exporters 3/	Jul	5.89	77.88	0.05	29.89	47.85	6.08
	Aug	5.61	77.88	0.05	29.64	48.20	5.70
Argentina	Jul	1.65	33.15	0.00	3.40	29.50	1.90
	Aug	1.40	33.15	0.00	3.40	29.50	1.65
Brazil	Jul	3.76	36.97	0.02	20.25	16.65	3.84
	Aug	3.73	36.97	0.02	20.00	17.00	3.72
India	Jul	0.48	7.76	0.03	6.24	1.70	0.34
	Aug	0.48	7.76	0.03	6.24	1.70	0.34
Major Importers 4/	Jul	1.77	23.34	37.90	59.96	1.09	1.96
	Aug	1.74	23.37	37.90	60.07	1.09	1.85
European Union	Jul	0.49	12.57	17.00	28.54	0.85	0.67
	Aug	0.46	12.57	17.00	28.59	0.85	0.59
Mexico	Jul	0.12	5.06	1.93	7.00	0.01	0.09
	Aug	0.12	5.06	1.93	7.00	0.01	0.09
Southeast Asia 5/	Jul	1.01	3.88	17.17	20.79	0.24	1.04
	Aug	1.01	3.88	17.17	20.79	0.24	1.04
China	Jul	0.00	79.20	0.06	78.01	1.25	0.00
	Aug	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/		4.34	58.54	11.16	57.03	12.31	4.70
World Less China		3.84	42.14	10.16	39.94	12.15	4.05
United States		0.81	11.30	0.15	10.12	1.29	0.84
Total Foreign		3.54	47.24	11.01	46.91	11.02	3.86
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/		1.23	19.43	6.81	25.66	0.47	1.35
China		0.50	16.40	1.00	17.09	0.16	0.65
India		0.14	1.51	3.39	4.88	0.02	0.15
North Africa 5/		0.31	1.05	1.79	2.48	0.29	0.38
2020/21 Est.							
World 2/		4.70	59.99	12.18	59.78	12.39	4.70
World Less China		4.05	43.15	10.98	41.89	12.34	3.95
United States		0.84	11.44	0.11	10.81	0.77	0.81
Total Foreign		3.86	48.55	12.07	48.98	11.62	3.89
Major Exporters 3/		1.41	20.94	0.69	12.52	9.12	1.39
Argentina		0.55	8.25	0.00	2.05	6.25	0.50
Brazil		0.47	9.00	0.21	7.91	1.28	0.49
European Union		0.35	3.06	0.48	2.51	0.98	0.40
Major Importers 4/		1.35	20.19	7.23	27.18	0.24	1.34
China		0.65	16.85	1.20	17.90	0.05	0.75
India		0.15	1.69	3.70	5.33	0.02	0.20
North Africa 5/		0.38	1.12	1.58	2.65	0.18	0.25
2021/22 Proj.							
World 2/	Jul	4.52	62.32	12.09	61.99	12.80	4.15
	Aug	4.70	61.93	12.10	61.48	12.89	4.36
World Less China	Jul	3.77	44.40	10.91	43.07	12.65	3.38
	Aug	3.95	44.37	10.93	42.92	12.74	3.59
United States	Jul	0.81	11.77	0.27	11.52	0.66	0.68
	Aug	0.81	11.66	0.27	11.43	0.66	0.66
Total Foreign	Jul	3.71	50.56	11.82	50.47	12.14	3.48
	Aug	3.89	50.27	11.83	50.05	12.23	3.70
Major Exporters 3/	Jul	1.24	21.41	0.50	12.71	9.29	1.16
	Aug	1.39	21.46	0.50	12.60	9.39	1.36
Argentina	Jul	0.55	8.50	0.00	2.11	6.40	0.54
	Aug	0.50	8.55	0.00	2.01	6.50	0.55
Brazil	Jul	0.32	9.18	0.05	7.94	1.30	0.31
	Aug	0.49	9.18	0.05	7.94	1.30	0.49
European Union	Jul	0.37	3.02	0.45	2.61	0.95	0.29
	Aug	0.40	3.02	0.45	2.61	0.95	0.32
Major Importers 4/	Jul	1.37	21.43	7.26	28.31	0.44	1.30
	Aug	1.34	21.08	7.26	27.95	0.44	1.28
China	Jul	0.75	17.92	1.18	18.92	0.15	0.78
	Aug	0.75	17.56	1.18	18.56	0.15	0.78
India	Jul	0.20	1.75	3.73	5.45	0.02	0.21
	Aug	0.20	1.75	3.73	5.45	0.02	0.21
North Africa 5/	Jul	0.28	1.22	1.58	2.61	0.28	0.19
	Aug	0.25	1.22	1.58	2.60	0.28	0.17

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	III	7,115	7,048	14,213	11,358	1,454	12,958	27,172	2,311	55.4	
	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	11,221	1,399	12,759	26,432	2,303	58.1	
	III*	7,045	6,605	13,699	11,400	1,420	12,960	26,659	2,335	56.7	
	IV*	6,975	7,260	14,285	11,220	1,450	12,800	27,085	2,395	56.5	
	Annual										
	Jul Proj.	27,905	28,151	56,256	44,693	5,655	50,880	107,136	9,346	228.2	
	Aug Proj.	27,872	27,824	55,892	44,734	5,659	50,929	106,821	9,339	228.1	
2022	I*	6,860	7,155	14,065	11,025	1,405	12,560	26,625	2,340	57.7	
	II*	6,630	6,630	13,311	11,300	1,410	12,850	26,161	2,340	58.9	
	Annual										
	Jul Proj.	27,325	28,120	55,649	45,300	5,700	51,545	107,194	9,470	231.6	
	Aug Proj.	26,965	28,145	55,309	45,300	5,700	51,545	106,854	9,470	231.2	

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

U.S. Quarterly Prices for Animal Products

Year and Quarter		Steers 2/	Barrows and gilts 3/	Broilers 4/	Turkeys 5/	Eggs 6/	Milk 7/
		<i>Dol./cwt</i>	<i>Dol./cwt</i>	<i>Cents/lb.</i>	<i>Cents/lb.</i>	<i>Cents/doz.</i>	<i>Dol./cwt</i>
2020	III	101.74	40.50	66.7	111.3	89.0	18.97
	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*	124.00	78.00	99.0	127.0	109.0	17.60
	IV*	127.00	64.00	89.0	126.0	120.0	18.20
	Annual						
	Jul Proj.	119.2	69.4	93.4	119.2	110.5	18.30
	Aug Proj.	121.2	69.7	94.1	120.2	112.8	17.95
2022	I*	131.00	60.00	91.0	118.0	119.0	17.90
	II*	126.00	61.00	101.0	117.0	101.0	17.65
	Annual						
	Jul Proj.	122	56	93	118	114	18.50
	Aug Proj.	126	56	93	118	114	17.85

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

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U.S. Meats Supply and Use

		Beginning Production		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. Jul	716	27,975	3,021	31,712	3,422	650	27,640	58.4
	Aug	716	27,942	3,117	31,774	3,384	640	27,750	58.6
	2022 Proj. Jul	650	27,395	2,990	31,035	3,320	650	27,065	56.9
	Aug	640	27,035	3,150	30,825	3,270	640	26,915	56.7
Pork	2020	646	28,318	904	29,869	7,280	467	22,121	52.0
	2021 Proj. Jul	467	28,166	982	29,615	7,552	460	21,603	50.6
	Aug	467	27,839	992	29,299	7,409	460	21,430	50.2
	2022 Proj. Jul	460	28,135	990	29,585	7,550	505	21,530	50.2
	Aug	460	28,160	990	29,610	7,300	505	21,805	50.9
Total Red Meat 5/	2020	1,330	55,774	4,547	61,651	10,235	1,217	50,199	111.8
	2021 Proj. Jul	1,217	56,351	4,269	61,837	10,978	1,143	49,715	110.2
	Aug	1,217	55,986	4,410	61,614	10,797	1,132	49,685	110.1
	2022 Proj. Jul	1,143	55,744	4,252	61,139	10,876	1,192	49,071	108.3
	Aug	1,132	55,404	4,433	60,969	10,576	1,181	49,212	108.9
Broiler	2020	937	44,106	145	45,188	7,367	830	36,991	96.2
	2021 Proj. Jul	830	44,215	140	45,184	7,449	775	36,960	95.8
	Aug	830	44,255	143	45,228	7,506	775	36,947	95.8
	2022 Proj. Jul	775	44,815	136	45,726	7,450	795	37,481	96.7
	Aug	775	44,815	136	45,726	7,450	795	37,481	96.8
Turkey	2020	233	5,743	21	5,997	571	223	5,203	15.8
	2021 Proj. Jul	223	5,655	20	5,898	580	220	5,098	15.4
	Aug	223	5,659	22	5,904	573	200	5,131	15.5
	2022 Proj. Jul	220	5,700	21	5,941	580	225	5,136	15.4
	Aug	200	5,700	21	5,921	580	225	5,116	15.4
Total Poultry 6/	2020	1,175	50,398	167	51,740	8,013	1,057	42,670	113.4
	2021 Proj. Jul	1,057	50,401	163	51,621	8,084	1,000	42,537	112.6
	Aug	1,057	50,450	168	51,675	8,133	980	42,562	112.7
	2022 Proj. Jul	1,000	51,060	160	52,220	8,086	1,025	43,109	113.6
	Aug	980	51,060	160	52,200	8,086	1,025	43,089	113.7
Red Meat & Poultry	2020	2,504	106,172	4,715	113,391	18,248	2,274	92,869	225.3
	2021 Proj. Jul	2,274	106,752	4,431	113,457	19,062	2,143	92,253	222.8
	Aug	2,274	106,436	4,578	113,288	18,930	2,112	92,246	222.8
	2022 Proj. Jul	2,143	106,803	4,412	113,358	18,962	2,217	92,179	222.0
	Aug	2,112	106,463	4,593	113,168	18,662	2,206	92,300	222.5

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. Jul	2021 Proj. Aug	2022 Proj. Jul	2022 Proj. Aug
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	22.7	31.6	24.5	24.5	22.0	21.0
Production	9,441.8	9,283.4	9,346.0	9,338.6	9,470.0	9,470.0
Imports	14.6	15.5	16.9	17.7	16.0	16.0
Total Supply	9,479.1	9,330.5	9,387.4	9,380.8	9,508.0	9,507.0
Use						
Exports	333.8	344.0	380.8	390.0	365.0	365.0
Hatching Use	1,081.2	1,078.5	1,103.6	1,116.8	1,140.0	1,140.0
Ending Stocks	31.6	24.5	22.0	21.0	24.0	24.0
Disappearance						
Total	8,032.5	7,883.5	7,881.0	7,853.0	7,979.0	7,978.0
Per Capita (number)	293.4	286.5	285.3	284.3	287.6	287.9

U.S. Milk Supply and Use

	2019	2020	2021 Proj. Jul	2021 Proj. Aug	2022 Proj. Jul	2022 Proj. Aug
Milk	<i>Billion Pounds</i>					
Production	218.4	223.2	228.2	228.1	231.6	231.2
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	15.2	16.0
Marketings	217.4	222.1	227.2	227.1	230.5	230.2
Imports	6.9	6.8	6.2	6.6	6.2	6.6
Total Cml. Supply	238.1	242.5	249.0	249.3	252.0	252.7
Fat Basis Use						
Commercial Exports	9.1	9.3	11.1	11.0	10.3	10.6
Ending Commercial Stocks	13.6	15.6	15.2	16.0	15.2	15.5
CCC Donations	0.2	0.3	0.0	0.0	0.0	0.0
Domestic Commercial Use	215.2	217.4	222.8	222.2	226.4	226.6
Skim-solid Basis Supply						
Beg. Commercial Stocks	10.7	10.2	10.9	10.9	11.1	11.2
Marketings	217.4	222.1	227.2	227.1	230.5	230.2
Imports	5.8	5.6	5.6	5.8	5.5	5.5
Total Cml. Supply	233.9	237.9	243.6	243.7	247.1	246.9
Skim-solid Basis Use						
Commercial Exports	41.5	47.2	51.3	51.5	51.3	51.3
Ending Commercial Stocks	10.2	10.9	11.1	11.2	11.1	11.4
CCC Donations	0.2	0.1	0.0	0.0	0.0	0.0
Domestic Commercial Use	182.0	179.7	181.2	181.1	184.7	184.2

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. Jul	2021 Proj. Aug	2022 Proj. Jul	2022 Proj. Aug
Product Prices 1/	<i>Dollars Per Pound</i>					
Cheese	1.7586	1.9236	1.655	1.635	1.680	1.630
Butter	2.2431	1.5808	1.690	1.645	1.750	1.660
Nonfat Dry Milk	1.0419	1.0417	1.210	1.205	1.220	1.210
Dry Whey	0.3799	0.3621	0.570	0.555	0.510	0.500
	<i>Dollars Per Cwt</i>					
Milk Prices 2/						
Class III	16.96	18.16	16.80	16.55	16.75	16.15
Class IV	16.30	13.49	15.40	15.15	15.75	15.30
All Milk 3/	18.65	18.24	18.30	17.95	18.50	17.85

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

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Reliability of August Projections 1/

Note: Tables on pages 35-37 present a record of the August projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 2.2 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 3.8 percent. The average difference between the August projection and the final estimate is 10.6 million tons, ranging from 0.2 million to 32.1 million tons. The August projection has been below the estimate 27 times and above 13 times.

	Root mean square error	90 percent confidence interval	Differences between forecast and final estimate				
			Average	Smallest	Largest	Years	
						Below Final	Above Final
	<i>Percent</i>		<i>Million Metric Tons</i>				
WHEAT							
Production							
World	2.2	3.8	10.6	0.2	32.1	27	13
U.S.	2.3	3.9	1.1	0.0	4.2	16	24
Foreign	2.5	4.3	10.4	0.6	31.1	27	13
Exports							
World	5.8	9.8	6.4	0.4	19.1	30	10
U.S.	10.8	18.4	2.6	0.0	10.0	18	21
Foreign	7.2	12.2	6.2	0.3	20.5	29	11
Domestic Use							
World	1.9	3.2	8.6	0.2	34.8	21	19
U.S.	7.4	12.6	2.0	0.0	5.5	13	27
Foreign	1.9	3.2	8.3	0.2	34.6	24	16
Ending Stocks							
World	9.1	15.5	11.6	0.3	31.2	30	10
U.S.	15.1	25.6	2.9	0.5	12.6	25	15
Foreign	9.8	16.6	10.0	0.2	28.7	30	10
COARSE GRAINS 2/							
Production							
World	2.4	4.1	18.8	0.4	53.7	30	10
U.S.	6.1	10.3	10.0	0.0	31.4	24	16
Foreign	2.5	4.2	14.9	0.7	58.4	27	13
Exports							
World	7.1	12.0	6.9	0.1	23.8	28	12
U.S.	20.8	35.4	7.7	0.4	19.7	17	23
Foreign	14.0	23.8	7.8	1.4	19.9	26	14
Domestic Use							
World	1.6	2.8	12.9	0.2	36.8	22	18
U.S.	4.1	7.0	7.0	0.2	17.0	22	18
Foreign	1.8	3.1	11.5	1.1	39.2	26	14
Ending Stocks							
World	16.2	27.5	21.6	0.1	171.8	31	9
U.S.	36.0	61.1	10.7	0.3	43.5	20	20
Foreign	16.8	28.5	15.3	0.2	154.8	32	8
RICE, milled							
Production							
World	2.3	3.9	6.4	0.1	24.4	26	14
U.S.	5.6	9.4	0.3	0.0	0.7	21	19
Foreign	2.3	3.9	6.4	0.4	24.7	27	13
Exports							
World	9.2	15.6	1.8	0.0	6.9	28	12
U.S.	11.4	19.3	0.2	0.0	1.0	19	19
Foreign	10.2	17.3	1.8	0.1	6.8	27	13
Domestic Use							
World	1.8	3.1	4.4	0.1	23.5	30	10
U.S.	8.3	14.1	0.2	0.0	0.5	19	21
Foreign	1.9	3.2	4.4	0.0	24.0	29	11
Ending Stocks							
World	12.2	20.8	6.4	0.1	27.3	31	9
U.S.	29.8	50.6	0.2	0.0	1.0	24	15
Foreign	13.2	22.4	6.4	0.1	27.1	31	9

1/ Footnotes at end of table.

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Reliability of August 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	4.6	7.8	7.3	0.3	26.7	22	18
U.S.	6.1	10.3	3.4	0.0	11.1	21	18
Foreign	7.4	12.6	6.5	1.1	26.4	20	20
Exports							
World	7.0	11.8	3.3	0.0	11.6	26	13
U.S.	12.3	20.9	3.0	0.0	9.8	23	16
Foreign	19.1	32.3	3.0	0.0	13.6	20	20
Domestic Use							
World	3.4	5.8	4.8	0.0	15.9	25	15
U.S.	5.0	8.4	1.8	0.0	4.6	25	15
Foreign	4.0	6.7	4.4	0.6	11.3	24	16
Ending Stocks							
World	16.5	27.9	4.7	0.1	23.5	20	20
U.S.	71.3	121.0	2.9	0.3	12.9	13	27
Foreign	18.6	31.6	4.6	0.2	21.3	24	16
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	5.0	8.4	3.5	0.0	13.2	21	18
U.S.	8.5	14.5	1.1	0.0	3.9	19	20
Foreign	5.3	9.0	3.0	0.0	10.9	21	18
Exports							
World	9.8	16.6	2.5	0.1	10.2	19	21
U.S.	21.3	36.1	1.2	0.0	3.2	21	19
Foreign	12.5	21.2	1.9	0.1	8.5	21	19
Domestic Use							
World	5.1	8.7	3.6	0.3	20.7	16	24
U.S.	10.0	17.0	0.4	0.0	1.3	18	19
Foreign	5.2	8.8	3.5	0.3	20.1	17	23
Ending Stocks							
World	15.0	25.5	5.9	0.2	18.5	27	13
U.S.	45.1	76.5	1.5	0.0	5.1	14	25
Foreign	15.1	25.6	5.3	0.1	18.6	29	11

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 August Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
CORN	<i>Percent</i>		<i>Million Bushels</i>				
Production	6.5	11.1	375	1	1,096	23	17
Exports	21.8	36.9	276	12	750	17	23
Domestic Use	4.5	7.7	281	10	590	24	16
Ending Stocks	41.1	69.8	398	12	1,674	19	21
SORGHUM							
Production	7.8	13.3	31	1	108	21	19
Exports	33.9	57.5	44	1	160	20	20
Domestic Use	27.7	47.1	44	0	130	18	20
Ending Stocks	57.0	96.7	36	2	201	15	25
BARLEY							
Production	6.1	10.3	15	1	67	14	26
Exports	65.6	111.3	13	0	82	18	18
Domestic Use	9.9	16.8	23	0	82	13	26
Ending Stocks	19.1	32.4	21	0	94	18	21
OATS							
Production	9.9	16.8	13	0	57	7	32
Exports	94.6	160.5	1	0	8	10	12
Domestic Use	7.1	12.0	14	1	39	11	29
Ending Stocks	23.3	39.5	14	0	40	17	22
SOYBEAN MEAL	<i>Thousand Short Tons</i>						
Production	4.9	8.4	1,321	32	3,669	28	12
Exports	15.6	26.4	937	50	3,500	25	15
Domestic Use	4.0	6.8	814	24	3,800	24	16
Ending Stocks	42.1	71.5	51	0	428	13	15
SOYBEAN OIL	<i>Million Pounds</i>						
Production	4.9	8.3	643	11	2,290	27	13
Exports	33.5	56.8	420	0	1,575	18	19
Domestic Use	4.3	7.3	511	8	2,200	26	14
Ending Stocks	32.5	55.1	465	0	1,472	21	18
ANIMAL PROD.	<i>Million Pounds</i>						
Beef	4.0	6.8	795	110	2,536	26	13
Pork	3.0	5.0	397	10	1,375	23	16
Broilers	2.2	3.7	570	49	1,338	21	18
Turkeys	3.8	6.4	147	2	458	21	18
	<i>Million Dozen</i>						
Eggs	1.9	3.2	110	4	394	25	14
	<i>Billion Pounds</i>						
Milk	1.7	2.8	2.2	0.1	7.0	22	17

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 1994 through 2020 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1994-2020.

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-615 – August 12, 2021

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