

World Agricultural Supply and Demand Estimates

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Approved by the World Agricultural Outlook Board

August 12, 2020

NOTE: The U.S. production forecasts in this report are based on conditions as of August 1. Any potential impacts from severe weather that occurred after August 1 will be reflected in future reports.

WHEAT: The outlook for 2020/21 U.S. wheat this month is for increased production offset by lower imports, higher exports, and lower ending stocks. U.S. wheat production is raised 14 million bushels to 1,838 million as increased Hard Red Spring (HRS) and Durum production more than offsets lower winter wheat production as indicated by the NASS August 12 *Crop Production* report. Imports are lowered 10 million bushels this month to 130 million on the larger HRS supplies. Estimated food use for 2019/20 is lowered fractionally to 962 million bushels, based on the latest NASS *Flour Milling Products* report. Food use for the 2020/21 market year is lowered 4 million bushels to 960 million as food consumed away from home is expected to remain lower than last year due to the impact of COVID-19. Projected 2020/21 exports are raised 25 million bushels to 975 million on lower production for several key competitors, most notably the EU. With offsetting supply changes and increased use, ending stocks are lowered 17 million bushels to 925 million. If realized, these will be the lowest wheat ending stocks in 6 years. However, the season-average farm price is decreased \$0.10 per bushel to \$4.50 on lower U.S. corn prices and reduced wheat price expectations for the remainder of the market year.

Foreign 2020/21 wheat production is lowered 3.7 million tons led by a 4.0-million-ton reduction for the EU, and 1.0-million-ton reductions each for Kazakhstan and Turkey. These changes are partially offset by a 1.5-million-ton production increase for Russia and a 1.1-million-ton increase for Brazil. The production changes are based on updated harvest results and government estimates. Global beginning stocks are raised 3.8 million tons, reflecting several mostly offsetting changes as well as a 3.5 million ton increase for the EU, which is based on multi-year revisions to both use and stocks. Foreign consumption is lowered 1.3 million tons, led by a 1.0-million-ton reduction for EU feed and residual use based on the smaller crop. Global exports are lowered fractionally with several offsetting changes including a 1.5-million-ton cut for the EU, and a 0.8-million-ton reduction for Kazakhstan, both on reduced production. These are offset by a 1.5-million-ton export increase for Russia, based on increased supplies, and a 0.7-million-ton increase for the United States. With global use down more than supplies, world ending stocks are revised 2.0-million-tons higher to a record 316.8 million tons.

COARSE GRAINS: This month's 2020/21 U.S. corn outlook is for larger supplies, greater feed and residual use, increased exports, and higher ending stocks. Corn production is forecast at 15.3 billion bushels, up 278 million from the July projection. The season's first survey-based corn yield forecast, at a record 181.8 bushels per acre, is 3.3 bushels higher than last month's trend-based projection. Today's *Crop Production* report indicates that Illinois, Indiana, Iowa, Missouri, Nebraska, and Ohio are forecast to have yields above a year ago, with record-high yields expected for Minnesota and South Dakota. Feed and residual use is raised based mostly on a larger crop and lower expected prices. Exports are higher reflecting U.S. export competitiveness and relatively low world market prices. With supply rising more than use, ending

stocks are raised 108 million bushels to 2.8 billion. The season-average corn price received by producers is lowered 25 cents to \$3.10 per bushel.

Sorghum production is forecast 44 million bushels higher with the yield 9.1 bushels per acre above last month's historical median yield. Sorghum exports are raised reflecting an increase in the expected amount of shipments to China.

This month's 2020/21 foreign coarse grain outlook is for lower production, slightly higher trade, and reduced stocks relative to last month. EU corn production is lowered, mostly reflecting reductions for Romania and France that are partially offset by increases for several countries including Poland, Italy, and Hungary. Ukraine corn production is forecast higher, largely reflecting higher expected area. Other notable corn production changes include projected increases for Mozambique and Malawi, with reductions for Canada and Thailand. Barley production is lowered for the EU, Kazakhstan, Argentina, and Ukraine.

Major global coarse grain trade changes for 2020/21 include corn export increases for the United States, Ukraine, and Burma. Corn imports are raised for the EU, Canada, and Thailand, but reduced for India. Sorghum exports are raised for the United States and Argentina, with higher imports forecast for China. Foreign corn ending stocks are slightly lower relative to last month, reflecting an increase for Indonesia that is more than offset by declines for Canada and India.

RICE: The outlook for U.S. rice in 2020/21 this month is for lower supplies, unchanged domestic and residual use, reduced exports, and higher ending stocks. Supplies are reduced as lower production is only partially offset by increased beginning stocks and imports. The initial survey-based production forecast for the 2020/21 crop year reduced production from the previous forecast by 2.6 million cwt to 218.1 million, all on lower yields. The average all rice yield is forecast at 7,600 pounds per acre, down 89 pounds from the prior forecast but up from last year's 7,471 pounds. Long-grain production is forecast at 159.1 million cwt and combined medium- and short-grain production is forecast at 59.0 million. Projected all rice imports are raised 1.4 million cwt to 36.0 million as the robust import pace seen in 2019/20 marketing year is expected to moderate only slightly in 2020/21. Imports for 2019/20 are forecast at a record 36.7 million cwt as they are also raised this month on continued large Asian shipments. All rice exports for 2020/21 are lowered 1.0 million cwt to 97.0 million with all of the reduction for long-grain on continued South American competition in Western Hemisphere markets. Projected ending stocks are raised to 44.3 million cwt, up 0.5 million from last month and 44 percent higher than last year. The 2020/21 all rice season-average farm price is unchanged at \$12.70 per cwt, compared to last year's \$13.10.

The 2020/21 global outlook is for smaller supplies, lower consumption and trade, and reduced stocks. Rice supplies are lowered 2.6 million tons to 681.7 million, primarily on reduced production forecasts for China, Thailand, and Vietnam. China's production is lowered 2.0 million tons to 147.0 million on record rainfall in the Yangtze River Valley during June and July causing severe flooding and reducing harvested area. Production for Thailand and Vietnam is reduced on decreased irrigation availability with low reservoir and river levels. Despite these reductions, 2020/21 world production remains record-high at 500.0 million tons. Global consumption is reduced by 1.9 million tons to 496.5 million, still a record, primarily on reductions for China, Brazil, and Nigeria. World trade is decreased 0.6 million tons to 44.3 million tons, mainly on export reductions for Thailand and China but remains well above last year's 41.5 million. Projected 2020/21 world ending stocks are lowered 0.6 million tons to 185.2 million, still a record, with China and India accounting for 63 and 21 percent of the total, respectively.

OILSEEDS: U.S. soybean supply and use changes for 2020/21 include lower beginning stocks and higher production, crush, exports, and ending stocks. Beginning stocks are reduced on a small increase in 2019/20 soybean crush. Soybean production is forecast at 4.425 billion bushels, up 290 million on higher yields. Harvested area is forecast at 83.0 million acres, unchanged from the July projection. The first survey-based soybean yield forecast of 53.3 bushels per acre is raised 3.5 bushels from last month and is 5.9 bushels above last year's level. Soybean supplies for 2020/21 are projected at a record 5.1 billion bushels, up 13 percent from last year. U.S. soybean exports are raised 75 million bushels to 2.13 billion on increased global import demand, increased supplies, and lower prices. Soybean crush is also raised, mainly reflecting increased soybean meal exports. Soybean ending stocks are projected at 610 million bushels, up 185 million from last month.

The U.S. season-average soybean price for 2020/21 is forecast at \$8.35 per bushel, down 15 cents from last month. The soybean meal price is forecast at \$290 per short ton, down 10 dollars. The soybean oil price is forecast at 30.0 cents per pound, up 1 cent.

The 2020/21 global oilseed supply and demand forecasts include higher production, higher use, and lower ending stocks. Partly offsetting higher U.S. production, foreign oilseed production is reduced 1.7 million tons to 479.6 million, mainly on lower rapeseed and sunflowerseed crops. Rapeseed production is lowered for Ukraine and Kazakhstan while sunflowerseed production is lowered for Russia, Kazakhstan, and Moldova.

Global 2020/21 soybean trade is raised 3.9 million tons, with higher exports for Brazil, Argentina, and the United States. This is parallel to higher imports for China, Thailand, Argentina, Egypt, and India. Soybean crush for China is raised 3.0 million tons to 98.0 million in 2020/21, but soybean meal equivalent (SME) protein growth is unchanged from last month at 5 percent due to oilseed meal consumption changes in the prior year. With higher global soybean production mostly offset by higher use, mainly in China, global ending stocks are increased 0.3 million tons to 95.4 million. Other notable changes include higher 2020/21 peanut production for India on the rapid planting pace and higher 2019/20 Malaysian palm oil production on recent monthly output strength.

SUGAR: U.S. sugar supply for 2020/21 is increased by 131,777 short tons, raw value (STRV) to 1.4053 million. Beet production is increased 198,840 STRV on increases in forecasts made by NASS for crop yields in sugarbeet-producing States. Cane sugar production in Florida is increased by 30,000 STRV based on processors' forecasts published in *Sweetener Market Data*. Cane sugar production in Texas is decreased by 54,000 STRV to 81,000 on the NASS forecast of the cane yield decreasing to 21.9 tons/acre as a result of Hurricane Hanna. Imports for 2020/21 are lowered slightly, mostly on FTA sugar allocated for the 2020 calendar year entering the United States earlier in 2019/20 than forecast last month. Beginning stocks are reduced by 28,281 STRV on lower 2019/20 beet sugar production and lower imports stemming mostly from a 50,000-STRV reduction in estimated high-tier tariff imports. With no use changes, ending stocks increase to 1.788 million STRV for an ending stocks-to-use ratio of 14.6 percent.

Mexico sugar supply for 2020/21 is reduced by 221,680 metric tons (MT) to 6.896 million. Production for 2020/21 is reduced 100,000 MT to 6.0 million based on reports of long-term drought effects on sugarcane planted area. Beginning stocks are 121,680 MT lower based on an increase in 2019/20 deliveries from an unexpected jump in the pace over that estimated last month. Ending stocks for 2019/20 now represent about 2.2 months of expected use in 2020/21, down from the usual policy target of 2.5 months. For 2020/21 ending stocks are still projected at 2.5 months of anticipated use in the following year. Exports to non-U.S. destinations are projected to absorb all of the reduction in 2020/21 supply.

LIVESTOCK, POULTRY, AND DAIRY: The 2020 forecast for total meat production is lowered slightly from last month as decreases in pork production more than offset higher beef and poultry production. Higher beef production largely reflects a faster pace of steer and heifer slaughter. The pork production forecast is reduced on a slower expected pace of slaughter in the third quarter and lighter carcass weights for the year. Broiler and turkey production reflect June production data; no changes are made to forecasts for the outlying quarters. The 2020 egg production forecast is raised on hatchery data. For 2021, the red meat and poultry production forecast is unchanged from the previous month on offsetting changes in beef and broiler production. The 2021 beef production forecast is reduced from the previous month as lower expected placements in the first half of the year will be reflected in lower forecast slaughter in the second half of 2021. The 2021 broiler production forecast is raised from last month on lower feed costs. Pork and turkey production forecasts are unchanged. The egg production forecast is raised from last month.

For 2020, beef imports are raised on recent trade data and firm demand for imported processing grade beef. The beef import forecast for 2021 is also raised. The 2020 beef export forecast is decreased slightly on recent trade data. The 2020 pork trade forecast is adjusted to reflect June trade data; no changes are made to the 2021 forecasts. The 2020 broiler export forecast is reduced on recent trade data and continued slow import demand from a number of trading partners. The 2020 turkey export forecast is adjusted to reflect June data; the 2021 forecast is unchanged.

Fed cattle prices for 2020 are raised from last month on current price strength. The first-quarter 2021 fed cattle price forecast is raised, but the annual forecast is unchanged from last month. The 2020 hog price forecast is lowered on recent price pressure, but the 2021 price forecast is unchanged. The broiler price forecast for 2020 is raised fractionally on a higher forecast third-quarter price. Forecasts for 2021 are unchanged. The third-quarter turkey price forecast for 2020 is raised; no change is made to the 2021 turkey price forecast. The 2020 egg price forecast is reduced on recent price weakness and supply pressure. Egg price forecasts for 2021 are also reduced as large supplies are expected to weigh on the market.

The milk production forecast for 2020 is raised from last month as higher expected growth in milk per cow more than offsets slightly lower dairy cow numbers. The fat basis import forecast is raised from last month on continued strong demand for imported butter. The fat basis export forecast is raised on increased shipments of cheese and butterfat products. The skim-solids basis import forecast is lowered on recent trade data and lower expected imports of cheese and a number of other dairy products. The skim-solids basis export forecast is raised primarily on higher exports of dry skim milk products. Cheese, butter, and nonfat dry milk (NDM) price forecasts are reduced from last month. The whey price forecast is unchanged. The Class III price forecast is reduced on lower cheese prices, while the Class IV price forecast is reduced on lower butter and NDM price forecasts. The all milk price forecast is lowered to \$17.95 per cwt.

For 2021, the milk production forecast is reduced on slower growth in cow numbers. The fat basis import forecast is unchanged from the previous month, while the fat basis export forecast is raised on more competitive cheese and butter prices. The skim-solids basis import forecast is unchanged, but the export forecast is raised on continued strong international import demand for skim milk powder. Price forecasts for cheese and butter are lowered from the previous month, while the whey forecast is increased. The NDM price forecast is unchanged. The Class III price forecast is reduced as the lower cheese price more than offsets the higher whey price forecast.

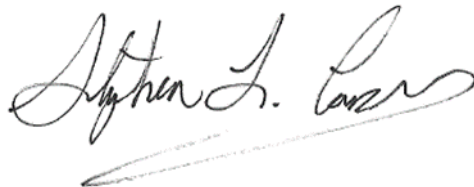
The Class IV price forecast is reduced on a lower butter price forecast. The all milk price forecast is unchanged at \$17.05 per cwt for 2021.

COTTON: This month's 2020/21 U.S. cotton outlook includes higher beginning stocks, production, and ending stocks, and a decline in consumption. Production for the 2020 crop is raised 3 percent to 18.1 million bales, on NASS's first survey-based production forecast. The survey indicates lower harvested area and higher yield compared with last month's expectations. Abandonment is expected to rise to 24 percent—compared with 16 percent in 2019. With reduced harvested area in the Southwest, U.S. yield is projected at a record 938 pounds/acre, 14 percent higher than in 2019. Beginning stocks are raised 100,000 bales as lower than expected 2019/20 U.S. mill use offsets an upward revision in exports. Expected 2020/21 mill use is reduced 100,000 bales, while ending stocks are 800,000 bales higher. The season-average price for upland cotton is forecast at 59 cents per pound, unchanged from the previous month.

This month's 2020/21 world cotton outlook includes higher production, and ending stocks, but lower beginning stocks, consumption and trade. World production is 1.3 million bales higher as lower production in Mali and Greece is more than offset by increases for India, the United States, and Australia. Expected 2020/21 world consumption is 1.2 million bales lower this month, with declines in India, China, Pakistan, Brazil, and Indonesia offsetting gains for Bangladesh and Turkey. Imports are projected lower in Pakistan, Indonesia, and India, and higher in Bangladesh, Turkey, and Malaysia. This month, 2020/21 world ending stocks are projected 2.1 million bales higher than the previous month and 4.4 million bales higher than in 2019/20.

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

APPROVED BY:

A handwritten signature in black ink, appearing to read "Stephen L. Censky". The signature is fluid and cursive, with a long horizontal stroke at the end.

STEPHEN CENSKY
SECRETARY OF AGRICULTURE DESIGNATE

INTERAGENCY COMMODITY ESTIMATES COMMITTEES



Note: The World Agricultural Outlook Board reviews and approves the World Agricultural Supply and Demand Estimates (WASDE) report. The Board's analysts chair the Interagency Commodity Estimates Committees (ICECs) that prepare the monthly report.

Wheat: William Chambers, ICEC Chair, WAOB, william.chambers1@usda.gov
Jennifer Bond, ERS; Andrew Sowell, FAS; Pete Riley, FPAC.

Rice: William Chambers, ICEC Chair, WAOB, william.chambers1@usda.gov
Nathan Childs, ERS; Rachel Trego, FAS; Vidalina Abadam, FPAC.

Feed Grains: Michael Jewison, ICEC Chair, WAOB, michael.jewison2@usda.gov
Tom Capehart, ERS; Yoonhee Macke, FAS; Sharon Raszap, FPAC.

Oilseeds: Keith Menzie, ICEC Chair, WAOB, keith.menzie@usda.gov
Mark Ash, ERS; Bill George, FAS; Gustavo Ferreira, FPAC.

Cotton: Stephen MacDonald, ICEC Chair, WAOB, stephen.macdonald3@usda.gov
Leslie Meyer, ERS; James Johnson, FAS; Kent Lanclos, FPAC.

Sugar: Stephen Haley, ICEC Chair, WAOB, stephen.haley2@usda.gov
Michael McConnell, ERS; Souleymane Diaby, FAS; Barbara Fecso, FPAC.

Meat Animals: Shayle Shagam, ICEC Chair, WAOB, shayle.shagam@usda.gov
Sherry Wise, AMS; Mildred Haley, ERS; Lindsay Kuberka, FAS; Georgi Gabrielyan, FPAC.

Poultry: Shayle Shagam, ICEC Chair, WAOB, shayle.shagam@usda.gov
Peyton Ferrier, AMS; Kim Ha, ERS; Claire Mezoughem, FAS; Georgi Gabrielyan, FPAC.

Dairy: Shayle Shagam, ICEC Chair, WAOB, shayle.shagam@usda.gov
Carolyn Liebrand, AMS; Jerry Cessna, ERS; Paul Kiendl, FAS; Georgi Gabrielyan, FPAC.

In 2020, the WASDE report will be released on Sep 11, Oct 9, Nov 10, and Dec 10.

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

World			Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2018/19		2624.98	3447.96	429.34	2639.91	808.06
	2019/20 (Est.)		2665.56	3473.62	438.28	2650.00	823.62
	2020/21 (Proj.)	Jul	2730.34	3550.92	450.93	2703.70	847.22
		Aug	2730.77	3554.40	453.27	2704.11	850.29
Wheat	2018/19		730.96	1019.16	173.61	735.22	283.94
	2019/20 (Est.)		764.11	1048.06	190.02	747.15	300.91
	2020/21 (Proj.)	Jul	769.31	1066.43	188.04	751.59	314.84
		Aug	766.03	1066.94	187.99	750.14	316.79
Coarse Grains 5/	2018/19		1397.34	1768.02	212.00	1420.70	347.32
	2019/20 (Est.)		1405.72	1753.03	206.82	1411.98	341.05
	2020/21 (Proj.)	Jul	1458.40	1800.19	218.01	1453.64	346.55
		Aug	1464.70	1805.74	221.02	1457.44	348.31
Rice, milled	2018/19		496.68	660.78	43.72	483.98	176.80
	2019/20 (Est.)		495.73	672.53	41.45	490.86	181.67
	2020/21 (Proj.)	Jul	502.63	684.30	44.89	498.47	185.83
		Aug	500.05	681.72	44.26	496.53	185.19
United States							
Total Grains 4/	2018/19		436.32	532.30	83.45	357.57	91.28
	2019/20 (Est.)		417.42	515.91	80.30	346.56	89.05
	2020/21 (Proj.)	Jul	450.91	548.08	89.31	361.44	97.33
		Aug	459.52	555.98	92.88	363.34	99.76
Wheat	2018/19		51.31	84.88	25.50	29.99	29.39
	2019/20 (Est.)		52.26	84.50	26.28	29.82	28.41
	2020/21 (Proj.)	Jul	49.63	81.85	25.86	30.35	25.65
		Aug	50.01	81.96	26.54	30.24	25.19
Coarse Grains 5/	2018/19		377.91	438.46	54.97	323.02	60.47
	2019/20 (Est.)		359.30	422.96	51.09	312.20	59.67
	2020/21 (Proj.)	Jul	394.27	457.17	60.34	326.54	70.29
		Aug	402.59	464.98	63.27	328.55	73.16
Rice, milled	2018/19		7.11	8.96	2.97	4.57	1.42
	2019/20 (Est.)		5.86	8.45	2.94	4.54	0.98
	2020/21 (Proj.)	Jul	7.01	9.06	3.11	4.56	1.39
		Aug	6.93	9.04	3.08	4.56	1.41

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

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

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks	
Total Grains 4/	2018/19	2,188.66	2,915.67	345.89	2,282.34	716.78	
	2019/20 (Est.)	2,248.14	2,957.71	357.98	2,303.44	734.57	
	2020/21 (Proj.)	Jul	2,279.44	3,002.84	361.62	2,342.26	749.89
		Aug	2,271.25	2,998.42	360.39	2,340.77	750.53
Wheat	2018/19	679.65	934.28	148.11	705.23	254.56	
	2019/20 (Est.)	711.86	963.55	163.74	717.33	272.50	
	2020/21 (Proj.)	Jul	719.68	984.58	162.18	721.25	289.19
		Aug	716.02	984.98	161.45	719.91	291.61
Coarse Grains 5/	2018/19	1,019.44	1,329.56	157.03	1,097.69	286.85	
	2019/20 (Est.)	1,046.42	1,330.07	155.73	1,099.78	281.38	
	2020/21 (Proj.)	Jul	1,064.13	1,343.02	157.66	1,127.10	276.26
		Aug	1,062.11	1,340.77	157.75	1,128.89	275.14
Rice, milled	2018/19	489.57	651.82	40.75	479.42	175.38	
	2019/20 (Est.)	489.87	664.08	38.51	486.32	180.69	
	2020/21 (Proj.)	Jul	495.62	675.24	41.78	493.91	184.44
		Aug	493.12	672.67	41.18	491.97	183.78

1/ Aggregate of local marketing years. 2/ Based on export estimate. See individual commodity tables for treatment of export/import imbalances. 3/ Total foreign is equal to world minus United States. 4/ Wheat, coarse grains, and milled rice. 5/ Corn, sorghum, barley, oats, rye, millet, and mixed grains.

**World and U.S. Supply and Use for Cotton 1/
Million 480-lb. Bales**

		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks	
World	2018/19	118.65	199.58	41.40	120.18	80.23	
	2019/20 (Est.)	122.99	203.22	40.28	102.40	100.56	
	2020/21 (Proj.)	Jul	116.25	217.16	41.81	114.29	102.77
		Aug	117.53	218.09	41.59	113.05	104.91
United States	2018/19	18.37	22.57	14.84	2.98	4.85	
	2019/20 (Est.)	19.91	24.77	15.40	2.20	7.20	
	2020/21 (Proj.)	Jul	17.50	24.61	15.00	2.80	6.80
		Aug	18.08	25.28	15.00	2.70	7.60
Foreign 4/	2018/19	100.29	177.01	26.56	117.20	75.38	
	2019/20 (Est.)	103.08	178.45	24.88	100.20	93.36	
	2020/21 (Proj.)	Jul	98.75	192.56	26.81	111.49	95.97
		Aug	99.45	192.80	26.59	110.35	97.31

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

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

World		Output	Total Supply	Trade	Total Use 2/	Ending Stocks		
Oilseeds	2018/19	599.76	716.70	170.38	488.36	131.69		
	2019/20 (Est.)	577.20	708.89	189.62	504.63	110.91		
	2020/21 (Proj.)	Jul	604.20	719.17	185.43	510.82	109.40	
		Aug	610.42	721.33	188.54	514.96	108.28	
	Oilmeals	2018/19	332.62	349.67	93.72	328.88	14.98	
		2019/20 (Est.)	344.16	359.14	94.84	341.22	12.80	
		2020/21 (Proj.)	Jul	349.43	362.46	94.24	346.23	12.51
			Aug	352.72	365.52	94.33	350.07	12.01
Vegetable Oils	2018/19	203.44	226.60	85.67	200.24	21.95		
	2019/20 (Est.)	205.98	227.93	85.30	200.97	22.08		
	2020/21 (Proj.)	Jul	208.86	230.53	86.34	206.03	20.26	
		Aug	209.89	231.97	86.74	206.95	20.54	
United States								
Oilseeds	2018/19	130.72	145.66	48.82	61.03	26.54		
	2019/20 (Est.)	107.00	134.73	46.18	62.96	18.42		
	2020/21 (Proj.)	Jul	122.85	142.59	56.94	63.00	13.10	
		Aug	130.79	150.38	58.98	63.56	18.22	
Oilmeals	2018/19	46.52	51.02	12.50	38.10	0.42		
	2019/20 (Est.)	48.57	53.19	12.69	40.11	0.40		
	2020/21 (Proj.)	Jul	48.66	52.90	12.33	40.14	0.42	
		Aug	49.07	53.31	12.55	40.34	0.42	
Vegetable Oils	2018/19	12.20	18.14	1.09	15.88	1.16		
	2019/20 (Est.)	12.57	18.72	1.51	15.90	1.31		
	2020/21 (Proj.)	Jul	12.68	18.95	1.30	16.36	1.29	
		Aug	12.80	19.08	1.39	16.38	1.31	
Foreign 3/								
Oilseeds	2018/19	469.05	571.04	121.56	427.33	105.15		
	2019/20 (Est.)	470.20	574.16	143.44	441.67	92.49		
	2020/21 (Proj.)	Jul	481.35	576.58	128.49	447.82	96.30	
		Aug	479.64	570.95	129.56	451.41	90.06	
Oilmeals	2018/19	286.10	298.65	81.23	290.78	14.56		
	2019/20 (Est.)	295.59	305.94	82.15	301.11	12.40		
	2020/21 (Proj.)	Jul	300.77	309.56	81.91	306.09	12.09	
		Aug	303.65	312.20	81.79	309.72	11.58	
Vegetable Oils	2018/19	191.24	208.46	84.58	184.36	20.79		
	2019/20 (Est.)	193.41	209.21	83.79	185.07	20.77		
	2020/21 (Proj.)	Jul	196.18	211.58	85.04	189.67	18.97	
		Aug	197.09	212.88	85.35	190.57	19.23	

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

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U.S. Wheat Supply and Use 1/

	2018/19	2019/20 Est.	2020/21 Proj. Jul	2020/21 Proj. Aug
			<i>Million Acres</i>	
Area Planted	47.8	45.2	44.3	44.3
Area Harvested	39.6	37.2	36.7	36.7
			<i>Bushels</i>	
Yield per Harvested Acre	47.6	51.7	49.7	50.1
			<i>Million Bushels</i>	
Beginning Stocks	1,099	1,080	1,044	1,044
Production	1,885	1,920	1,824	1,838
Imports	135	105	140	130
Supply, Total	3,119	3,105	3,007	3,011
Food	955	962	964	960
Seed	59	61	61	61
Feed and Residual	88	73	90	90
Domestic, Total	1,102	1,096	1,115	1,111
Exports	937	965	950	975
Use, Total	2,039	2,061	2,065	2,086
Ending Stocks	1,080	1,044	942	925
Avg. Farm Price (\$/bu) 2/	5.16	4.58	4.60	4.50

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>			
2019/20 (Est.)	Beginning Stocks	516	263	158	88	55	1,080
	Production	833	522	239	272	54	1,920
	Supply, Total 3/	1,351	838	401	366	150	3,105
	Domestic Use	454	289	204	84	65	1,096
	Exports	376	268	92	187	42	965
	Use, Total	830	558	296	271	107	2,061
	Ending Stocks, Total	521	280	105	95	43	1,044
2020/21 (Proj.)	Beginning Stocks	521	280	105	95	43	1,044
	Production	695	530	277	274	62	1,838
	Supply, Total 3/	1,221	870	392	374	155	3,011
	Domestic Use	426	307	199	90	89	1,111
	Exports	405	270	90	180	30	975
	Use, Total	831	577	289	270	119	2,086
	Ending Stocks, Total						
		Aug					
		Jul					
		390	293	103	104	36	925
		423	270	103	105	40	942

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	2018/19	2019/20 Est.	2020/21 Proj. Jul	2020/21 Proj. Aug
		<i>Million Acres</i>		
Area Planted	99.9	100.5	103.6 *	103.6
Area Harvested	89.2	89.0	92.1 *	92.1
		<i>Metric Tons</i>		
Yield per Harvested Acre	4.24	4.03	4.28	4.37
		<i>Million Metric Tons</i>		
Beginning Stocks	57.9	60.5	60.2	59.6
Production	377.7	359.0	394.0	402.3
Imports	2.3	2.9	2.4	2.4
Supply, Total	437.9	422.4	456.6	464.4
Feed and Residual	142.9	146.6	152.3	154.3
Food, Seed & Industrial	179.6	165.1	173.7	173.7
Domestic, Total	322.5	311.7	326.0	328.0
Exports	55.0	51.1	60.3	63.3
Use, Total	377.5	362.7	386.3	391.2
Ending Stocks	60.5	59.6	70.3	73.1
CORN				
		<i>Million Acres</i>		
Area Planted	88.9	89.7	92.0 *	92.0
Area Harvested	81.3	81.3	84.0 *	84.0
		<i>Bushels</i>		
Yield per Harvested Acre	176.4	167.4	178.5 *	181.8
		<i>Million Bushels</i>		
Beginning Stocks	2,140	2,221	2,248	2,228
Production	14,340	13,617	15,000	15,278
Imports	28	45	25	25
Supply, Total	16,509	15,883	17,273	17,531
Feed and Residual	5,429	5,600	5,850	5,925
Food, Seed & Industrial 2/	6,793	6,260	6,625	6,625
Ethanol & by-products 3/	5,378	4,850	5,200	5,200
Domestic, Total	12,222	11,860	12,475	12,550
Exports	2,066	1,795	2,150	2,225
Use, Total	14,288	13,655	14,625	14,775
Ending Stocks	2,221	2,228	2,648	2,756
Avg. Farm Price (\$/bu) 4/	3.61	3.60	3.35	3.10

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 and harvested acres reported in the June 30, 2020, "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 1988-2019 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/

	2018/19	2019/20 Est.	2020/21 Proj. Jul	2020/21 Proj. Aug
SORGHUM				
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.7	5.3	5.6 *	5.6
Area Harvested (mil. acres)	5.1	4.7	4.8 *	4.8
Yield (bushels/acre)	72.1	73.0	67.5 *	76.6
Beginning Stocks	35	64	30	30
Production	365	341	327	371
Imports	0	0	0	0
Supply, Total	400	405	357	401
Feed and Residual	138	90	70	70
Food, Seed & Industrial	106	75	45	45
Total Domestic	244	165	115	115
Exports	93	210	220	260
Use, Total	336	375	335	375
Ending Stocks	64	30	22	26
Avg. Farm Price (\$/bu) 2/	3.26	3.25	3.35	3.10
BARLEY				
Area Planted (mil. acres)	2.5	2.7	2.8 *	2.8
Area Harvested (mil. acres)	2.0	2.2	2.2 *	2.2
Yield (bushels/acre)	77.5	77.7	76.1 *	78.8
Beginning Stocks	94	87	80	80
Production	154	170	170	176
Imports	6	7	7	7
Supply, Total	254	263	257	263
Feed and Residual	15	41	25	30
Food, Seed & Industrial	148	136	143	143
Total Domestic	162	177	168	173
Exports	5	6	5	5
Use, Total	167	183	173	178
Ending Stocks	87	80	84	85
Avg. Farm Price (\$/bu) 2/	4.62	4.70	4.45	4.45
OATS				
Area Planted (mil. acres)	2.7	2.8	3.1 *	3.1
Area Harvested (mil. acres)	0.9	0.8	1.0 *	1.0
Yield (bushels/acre)	64.9	64.3	65.2 *	65.0
Beginning Stocks	41	38	37	37
Production	56	53	65	65
Imports	86	92	96	96
Supply, Total	184	183	198	198
Feed and Residual	66	63	75	75
Food, Seed & Industrial	78	81	79	79
Total Domestic	144	144	154	154
Exports	2	2	2	2
Use, Total	146	146	156	156
Ending Stocks	38	37	42	42
Avg. Farm Price (\$/bu) 2/	2.66	2.88	2.70	2.70

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers. * For July, sorghum planted and harvested acres reported in the June 30, 2020, "Acreage." The yield is the median yield for 1990-2019. Barley and oats area planted, area harvested, yield, and production as reported in the July 10, 2020, "Crop Production."

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

TOTAL RICE	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.
			Jul	Aug
		<i>Million Acres</i>		
Area Planted	2.95	2.54	2.92 *	2.92
Area Harvested	2.91	2.47	2.87 *	2.87
		<i>Pounds</i>		
Yield per Harvested Acre	7,692	7,471	7,689 *	7,600
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	29.4	44.9	30.0	30.7
Production	223.8	184.7	220.7	218.1
Imports	29.0	36.7	34.6	36.0
Supply, Total	282.2	266.2	285.3	284.8
Domestic & Residual 3/	143.8	143.0	143.5	143.5
Exports, Total 4/	93.6	92.5	98.0	97.0
Rough	33.3	32.0	35.5	34.5
Milled (rough equiv.)	60.3	60.5	62.5	62.5
Use, Total	237.3	235.5	241.5	240.5
Ending Stocks	44.9	30.7	43.8	44.3
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	12.60	13.10	12.70	12.70

LONG-GRAIN RICE

Harvested Acres (mil.)	2.18	1.73		
Yield (pounds/acre)	7,517	7,261		
Beginning Stocks	20.3	32.6	14.2	14.2
Production	163.6	125.6	161.8	159.1
Supply, Total 7/	207.3	187.7	204.0	202.3
Domestic & Residual 3/	108.5	108.5	109.0	109.0
Exports 8/	66.2	65.0	70.0	69.0
Use, Total	174.7	173.5	179.0	178.0
Ending Stocks	32.6	14.2	25.0	24.3
Avg. Farm Price (\$/cwt) 6/	10.80	12.00	11.60	11.60

MEDIUM & SHORT-GRAIN RICE

Harvested Acres (mil.)	0.73	0.74		
Yield (pounds/acre)	8,209	7,960		
Beginning Stocks	7.6	10.2	13.7	14.4
Production	60.3	59.1	58.9	59.0
Supply, Total 7/	72.8	76.4	79.3	80.5
Domestic & Residual 3/	35.3	34.5	34.5	34.5
Exports 8/	27.3	27.5	28.0	28.0
Use, Total	62.6	62.0	62.5	62.5
Ending Stocks	10.2	14.4	16.8	18.0
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.50	16.30	16.10	16.10
California 10/	21.10	18.50	18.30	18.30
Other States 1/	12.30	11.70	11.50	11.50

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): 2015/16-2.9; 2016/17-3.5; 2017/18-1.4. 3/ Residual includes unreported use, processing losses, and estimating errors. Use by type may not add to total rice use because of the difference in brokens between beginning and ending stocks. 4/ Includes rough rice and milled rice exports. Milled rice exports are converted to an equivalent rough basis. 5/ Expressed as a percent, i.e., the total quantity of whole kernel and broken rice produced divided by the quantity of rough rice milled. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The medium/short-grain season-average- farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ. For example, the average difference between the preliminary California SAFP forecast and the final price has averaged \$1.00 per cwt from 2014/15-2018/19, with a high of \$3.50 per cwt in 2017/18 and a low of -\$0.20 per cwt in 2015/16. 10/ Marketing year beginning October 1. * For July-- Planted and harvested area reported in June 30, 2020 "Acreage" report. Projected yield is based on by-class trend analysis and prospective planting.

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

SOYBEANS	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.
			Jul	Aug
			<i>Million Acres</i>	
Area Planted	89.2	76.1	83.8 *	83.8
Area Harvested	87.6	75.0	83.0 *	83.0
			<i>Bushels</i>	
Yield per Harvested Acre	50.6	47.4	49.8 *	53.3
			<i>Million Bushels</i>	
Beginning Stocks	438	909	620	615
Production	4,428	3,552	4,135	4,425
Imports	14	15	15	15
Supply, Total	4,880	4,476	4,770	5,055
Crushings	2,092	2,160	2,160	2,180
Exports	1,752	1,650	2,050	2,125
Seed	88	97	100	100
Residual	39	-46	35	40
Use, Total	3,971	3,862	4,345	4,445
Ending Stocks	909	615	425	610
Avg. Farm Price (\$/bu) 2/	8.48	8.55	8.50	8.35
SOYBEAN OIL				
			<i>Million Pounds</i>	
Beginning Stocks	1,995	1,775	2,020	2,060
Production 4/	24,197	24,810	25,035	25,265
Imports	397	325	400	350
Supply, Total	26,590	26,910	27,455	27,675
Domestic Disappearance	22,874	22,000	23,000	23,000
Biodiesel 3/	7,863	7,600	8,000	8,000
Food, Feed & other Industrial	15,011	14,400	15,000	15,000
Exports	1,940	2,850	2,400	2,600
Use, Total	24,815	24,850	25,400	25,600
Ending stocks	1,775	2,060	2,055	2,075
Avg. Price (c/lb) 2/	28.26	29.00	29.00	30.00
SOYBEAN MEAL				
			<i>Thousand Short Tons</i>	
Beginning Stocks	555	402	375	375
Production 4/	48,814	50,923	50,975	51,425
Imports	683	600	400	400
Supply, Total	50,052	51,925	51,750	52,200
Domestic Disappearance	36,212	37,900	38,100	38,300
Exports	13,438	13,650	13,250	13,500
Use, Total	49,650	51,550	51,350	51,800
Ending Stocks	402	375	400	400
Avg. Price (\$/s.t.) 2/	308.28	300.00	300.00	290.00

Note: Totals may not add due to rounding. Reliability calculations at end of report. 1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and soybean meal. 2/ Prices: soybeans, marketing year weighted average price received by farmers; oil, simple average of crude soybean oil, Decatur; meal, simple average of 48 percent protein, Decatur. 3/ Reflects only biodiesel made from methyl ester as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 2,165 million bushels for 2019/20 and 2,180 million bushels for 2020/21. *Planted and harvested acres are from the June 30, 2020 Acreage report. The yield is based on a weather-adjusted trend model.

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U.S. Sugar Supply and Use 1/

	2018/19	2019/20 Est.	2020/21 Proj. Jul	2020/21 Proj. Aug
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	2,008	1,783	1,772	1,744
Production 2/	8,999	7,989	9,090	9,265
Beet Sugar	4,939	4,244	5,000	5,199
Cane Sugar	4,060	3,745	4,090	4,066
Florida	2,005	2,106	2,105	2,135
Hawaii	0	0	0	0
Louisiana	1,907	1,513	1,850	1,850
Texas	147	126	135	81
Imports	3,070	4,162	3,059	3,044
TRQ 3/	1,541	2,238	1,580	1,565
Other Program 4/	438	350	350	350
Other 5/	1,092	1,575	1,129	1,129
Mexico	1,000	1,395	1,079	1,079
Total Supply	14,077	13,934	13,921	14,053
Exports	35	35	35	35
Deliveries	12,231	12,155	12,230	12,230
Food	12,106	12,050	12,125	12,125
Other 6/	126	105	105	105
Miscellaneous	28	0	0	0
Total Use	12,294	12,190	12,265	12,265
Ending Stocks	1,783	1,744	1,656	1,788
Stocks to Use Ratio	14.5	14.3	13.5	14.6

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2019/20 and 2020/21 are based on Crop Production and/or processor projections/industry data and/or sugar ICEC analysis where appropriate. 3/ For 2019/20, WTO raw sugar TRQ shortfall (61) and for 2020/21 (99). 4/ Composed of sugar under the re-export and polyhydric alcohol programs. 5/ Imports from Mexico; and high-tier tariff sugar and syrups not otherwise specified -- for 2019/20 (180) and 2020/21 (50). 6/ Transfers accompanying deliveries for sugar-containing products to be exported (SCP) and polyhydric alcohol manufacture (POLY), and deliveries for livestock feed and ethanol. Total refiner license transfers for SCP and POLY inclusive of WASDE-reported deliveries: 2018/19 -- 374; estimated 2019/20 -- 340; projected 2020/21 -- 353.

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

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks
		<i>1,000 Metric Tons, Actual Weight</i>					
2019/20 Est.	Jul	1,169	5,282	89	4,378	1,233	929
	Aug	1,169	5,278	91	4,498	1,233	807
2020/21 Proj.	Jul	929	6,100	89	4,458	1,731	929
	Aug	807	6,000	89	4,468	1,497	931

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2018/19 = 1,528; Estimated 2019/20 = 1,470; Projected 2020/21 = 1,470; Estimated Oct-June 2019/20 = 1,033, Oct-June 2018/19 = 1,143. Footnote source for estimate: Comité Nacional para el Desarrollo Sustentable de la Cana de Azúcar. 2/ Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2019/20 (345 est); 2020/21 (395 proj). Other Deliveries/Ending Year Statistical Adjustments: 2019/20 (0), 2020/21 (0).

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U.S. Cotton Supply and Use 1/

	2018/19	2019/20 Est.	2020/21 Proj. Jul	2020/21 Proj. Aug
Area				
		<i>Million Acres</i>		
Planted	14.10	13.74	12.19 **	12.19
Harvested	9.99	11.61	10.25 **	9.25
		<i>Pounds</i>		
Yield per Harvested Acre	882	823	820 **	938
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	4.20	4.85	7.10	7.20
Production	18.37	19.91	17.50	18.08
Imports	0.00	0.00	0.01	0.00
Supply, Total	22.57	24.77	24.61	25.28
Domestic Use	2.98	2.20	2.80	2.70
Exports, Total	14.84	15.40	15.00	15.00
Use, Total	17.81	17.60	17.80	17.70
Unaccounted 2/	-0.09	-0.03	0.01	-0.02
Ending Stocks	4.85	7.20	6.80	7.60
Avg. Farm Price 3/	70.3	59.5	59.0	59.0

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. ** July planted area as reported in June 30, 2020 Acreage. Harvested area based on 10-year average abandonment by region, with adjustment for weather in the Southwest. Yield based on 10-year average yields by region.

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

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	288.20	730.96	170.73	139.52	735.22	173.61	283.94
World Less China	157.01	599.53	167.58	119.52	610.22	172.61	144.18
United States	29.91	51.31	3.66	2.41	29.99	25.50	29.39
Total Foreign	258.30	679.65	167.06	137.11	705.23	148.11	254.56
Major Exporters 4/	43.93	302.73	7.31	81.76	194.60	120.77	38.61
Argentina	0.47	19.50	0.01	0.05	6.05	12.19	1.74
Australia	5.55	17.60	0.50	5.70	9.20	9.01	5.44
Canada	6.73	32.20	0.48	4.01	9.00	24.38	6.04
European Union 5/	17.94	136.69	5.76	51.50	121.05	23.31	16.02
Russia	12.01	71.69	0.45	18.00	40.50	35.86	7.78
Ukraine	1.24	25.06	0.11	2.50	8.80	16.02	1.59
Major Importers 6/	177.58	199.78	111.34	38.34	294.31	12.38	182.00
Bangladesh	2.23	1.10	5.10	0.28	7.18	0.00	1.26
Brazil	1.31	5.43	7.02	0.50	12.10	0.60	1.06
China	131.20	131.43	3.15	20.00	125.00	1.01	139.77
Japan	1.23	0.86	5.73	0.68	6.48	0.29	1.05
N. Africa 7/	14.87	21.00	26.96	2.25	46.15	1.19	15.48
Nigeria	0.20	0.06	4.66	0.05	4.32	0.40	0.20
Sel. Mideast 8/	15.14	17.88	17.23	3.45	37.70	0.63	11.91
Southeast Asia 9/	5.51	0.00	26.37	8.14	25.34	1.10	5.44
Selected Other							
India	13.23	99.87	0.02	5.00	95.63	0.50	16.99
Kazakhstan	2.54	13.95	0.09	1.80	6.60	8.30	1.68
2019/20 Est.							
World 3/	283.94	764.11	184.91	139.27	747.15	190.02	300.91
World Less China	144.18	630.52	179.53	120.27	621.15	188.97	149.23
United States	29.39	52.26	2.86	1.99	29.82	26.28	28.41
Total Foreign	254.56	711.86	182.05	137.28	717.33	163.74	272.50
Major Exporters 4/	38.61	325.01	6.76	81.75	195.70	140.24	34.44
Argentina	1.74	19.75	0.01	0.05	6.30	13.50	1.69
Australia	5.44	15.20	0.75	4.90	8.40	9.50	3.49
Canada	6.04	32.35	0.68	4.80	9.90	23.90	5.26
European Union 5/	16.02	154.94	4.90	52.50	122.50	38.00	15.36
Russia	7.78	73.61	0.33	17.00	40.00	34.24	7.48
Ukraine	1.59	29.17	0.10	2.50	8.60	21.10	1.16
Major Importers 6/	182.00	202.47	122.28	36.86	297.95	12.62	196.18
Bangladesh	1.26	1.20	6.70	0.30	7.40	0.00	1.76
Brazil	1.06	5.20	7.20	0.50	12.10	0.42	0.94
China	139.77	133.59	5.38	19.00	126.00	1.05	151.68
Japan	1.05	1.10	5.68	0.60	6.30	0.29	1.24
N. Africa 7/	15.48	18.40	28.08	1.85	46.60	1.04	14.32
Nigeria	0.20	0.06	5.20	0.05	4.86	0.40	0.20
Sel. Mideast 8/	11.91	22.18	17.79	3.62	38.55	0.76	12.58
Southeast Asia 9/	5.44	0.00	26.40	7.74	25.19	1.13	5.52
Selected Other							
India	16.99	103.60	0.02	6.00	96.11	0.50	24.00
Kazakhstan	1.68	11.45	0.50	1.50	6.30	6.50	0.84

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

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jul	297.12	769.31	183.27	135.10	751.59	188.04	314.84
	Aug	300.91	766.03	183.73	133.84	750.14	187.99	316.79
World Less China	Jul	145.97	633.31	177.27	115.10	621.59	187.04	152.69
	Aug	149.23	630.03	177.73	113.84	620.14	186.99	154.11
United States	Jul	28.41	49.63	3.81	2.45	30.35	25.86	25.65
	Aug	28.41	50.01	3.54	2.45	30.24	26.54	25.19
Total Foreign	Jul	268.71	719.68	179.46	132.65	721.25	162.18	289.19
	Aug	272.50	716.02	180.19	131.40	719.91	161.45	291.61
Major Exporters 4/	Jul	31.04	323.50	6.73	76.65	190.65	137.00	33.62
	Aug	34.44	321.00	6.73	75.55	189.30	137.00	35.87
Argentina	Jul	1.69	21.00	0.01	0.05	6.20	14.50	2.00
	Aug	1.69	20.50	0.01	0.05	6.20	14.00	1.99
Australia	Jul	3.54	26.00	0.20	3.50	7.05	17.50	5.19
	Aug	3.49	26.00	0.20	3.50	7.00	17.50	5.19
Canada	Jul	5.46	34.00	0.45	4.60	9.80	24.50	5.61
	Aug	5.26	34.00	0.45	4.50	9.70	24.50	5.51
European Union 5/	Jul	11.82	139.50	5.50	48.50	118.30	27.00	11.52
	Aug	15.36	135.50	5.50	47.50	117.30	25.50	13.56
Russia	Jul	7.28	76.50	0.50	17.50	40.50	36.00	7.78
	Aug	7.48	78.00	0.50	17.50	40.50	37.50	7.98
Ukraine	Jul	1.25	26.50	0.08	2.50	8.80	17.50	1.52
	Aug	1.16	27.00	0.08	2.50	8.60	18.00	1.63
Major Importers 6/	Jul	196.23	205.58	120.29	36.66	302.65	12.61	206.84
	Aug	196.18	205.68	119.90	36.76	302.91	12.76	206.09
Bangladesh	Jul	1.76	1.25	6.60	0.30	7.50	0.00	2.11
	Aug	1.76	1.25	6.60	0.30	7.50	0.00	2.11
Brazil	Jul	0.94	5.70	7.10	0.50	12.10	0.60	1.04
	Aug	0.94	6.80	6.60	0.50	12.20	0.70	1.44
China	Jul	151.16	136.00	6.00	20.00	130.00	1.00	162.16
	Aug	151.68	136.00	6.00	20.00	130.00	1.00	162.68
Japan	Jul	1.26	0.87	5.60	0.60	6.25	0.28	1.20
	Aug	1.24	0.87	5.60	0.60	6.25	0.28	1.18
N. Africa 7/	Jul	14.09	16.78	29.40	1.75	46.90	0.99	12.38
	Aug	14.32	16.78	29.60	1.75	46.90	1.04	12.76
Nigeria	Jul	0.20	0.06	5.10	0.05	4.76	0.40	0.20
	Aug	0.20	0.06	5.10	0.05	4.76	0.40	0.20
Sel. Mideast 8/	Jul	12.42	22.35	18.14	3.42	39.10	0.67	13.13
	Aug	12.58	22.35	18.05	3.62	39.41	0.67	12.89
Southeast Asia 9/	Jul	5.49	0.00	26.35	7.04	24.89	1.07	5.88
	Aug	5.52	0.00	26.35	6.94	24.74	1.07	6.06
Selected Other								
India	Jul	24.00	107.18	0.03	6.50	99.50	1.00	30.71
	Aug	24.00	107.18	0.03	6.50	99.50	1.00	30.71
Kazakhstan	Jul	1.19	13.50	0.10	1.50	6.30	7.10	1.39
	Aug	0.84	12.50	0.20	1.40	6.20	6.30	1.04

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

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

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	370.68	1,397.34	192.57	851.93	1,420.70	212.00	347.32
World Less China	147.70	1,132.83	182.03	656.48	1,133.33	211.94	136.72
United States	57.92	377.91	2.63	143.10	323.02	54.97	60.47
Total Foreign	312.76	1,019.44	189.94	708.83	1,097.69	157.03	286.85
Major Exporters 4/	27.12	293.19	5.65	127.42	171.85	134.02	20.08
Argentina	3.37	59.22	0.01	12.28	18.09	40.89	3.61
Australia	2.29	11.51	0.01	5.29	7.30	4.08	2.43
Brazil	9.71	104.33	2.32	59.95	70.98	39.72	5.65
Canada	4.57	26.20	2.62	16.13	24.08	5.97	3.34
Russia	1.37	35.00	0.05	18.80	27.37	7.84	1.22
Ukraine	2.91	44.50	0.06	7.93	10.96	34.07	2.45
Major Importers 5/	39.96	243.51	142.93	295.56	379.76	10.32	36.31
European Union 6/	16.33	148.27	26.44	127.00	168.69	8.82	13.53
Japan	1.82	0.18	17.73	13.78	17.89	0.00	1.84
Mexico	6.18	33.40	17.36	31.27	50.51	0.72	5.71
N. Afr & Mideast 7/	7.76	31.08	38.82	61.98	70.10	0.10	7.46
Saudi Arabia	2.63	0.29	10.17	10.75	11.13	0.00	1.97
Southeast Asia 8/	2.56	29.99	16.84	37.89	45.72	0.68	2.99
South Korea	1.86	0.21	10.96	8.60	11.18	0.00	1.85
Selected Other							
China	222.98	264.51	10.54	195.45	287.37	0.07	210.59
2019/20 Est.							
World 3/	347.32	1,405.72	203.41	869.34	1,411.98	206.82	341.05
World Less China	136.72	1,137.52	187.01	672.74	1,121.23	206.76	136.67
United States	60.47	359.30	3.19	146.78	312.20	51.09	59.67
Total Foreign	286.85	1,046.42	200.22	722.55	1,099.78	155.73	281.38
Major Exporters 4/	20.08	304.06	4.15	131.72	175.88	129.51	22.90
Argentina	3.61	56.75	0.01	11.85	17.44	40.01	2.92
Australia	2.43	10.44	0.01	5.00	6.97	3.52	2.38
Brazil	5.65	104.57	1.90	61.01	72.14	34.01	5.97
Canada	3.34	28.51	1.87	17.08	23.94	5.06	4.72
Russia	1.22	40.50	0.17	22.19	31.29	8.38	2.22
Ukraine	2.45	46.55	0.03	7.69	10.81	36.03	2.18
Major Importers 5/	36.31	255.47	145.71	301.86	388.12	14.62	34.76
European Union 6/	13.53	161.24	21.21	125.65	168.96	13.26	13.76
Japan	1.84	0.22	17.62	13.75	17.87	0.00	1.81
Mexico	5.71	30.41	18.01	31.77	51.00	0.70	2.43
N. Afr & Mideast 7/	7.46	33.33	43.09	67.16	75.56	0.09	8.22
Saudi Arabia	1.97	0.27	11.51	11.15	11.51	0.00	2.24
Southeast Asia 8/	2.99	29.72	18.69	39.11	47.15	0.57	3.67
South Korea	1.85	0.20	11.51	9.04	11.64	0.00	1.92
Selected Other							
China	210.59	268.20	16.40	196.60	290.75	0.06	204.38

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

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jul	341.79	1,458.40	211.66	893.30	1,453.64	218.01	346.55
	Aug	341.05	1,464.70	214.36	896.81	1,457.44	221.02	348.31
World Less China	Jul	137.41	1,191.03	194.31	694.80	1,158.96	217.94	152.20
	Aug	136.67	1,197.32	195.91	697.31	1,161.76	220.95	153.86
United States	Jul	60.18	394.27	2.72	152.50	326.54	60.34	70.29
	Aug	59.67	402.59	2.72	154.52	328.55	63.27	73.16
Total Foreign	Jul	281.61	1,064.13	208.94	740.80	1,127.10	157.66	276.26
	Aug	281.38	1,062.11	211.64	742.29	1,128.89	157.75	275.14
Major Exporters 4/	Jul	22.84	314.83	3.95	134.33	179.89	133.96	27.77
	Aug	22.90	313.52	4.15	133.93	179.18	134.66	26.73
Argentina	Jul	3.02	56.70	0.01	13.49	19.25	36.71	3.77
	Aug	2.92	56.42	0.01	13.16	18.80	37.01	3.54
Australia	Jul	2.38	13.66	0.00	5.88	7.87	5.15	3.02
	Aug	2.38	13.66	0.00	5.88	7.87	5.15	3.02
Brazil	Jul	5.97	110.41	2.20	61.08	72.22	38.01	8.35
	Aug	5.97	110.41	2.20	61.08	72.22	38.01	8.35
Canada	Jul	4.72	29.90	1.56	17.11	25.09	5.40	5.69
	Aug	4.72	29.60	1.76	17.41	25.39	5.40	5.29
Russia	Jul	2.21	40.00	0.07	22.60	31.75	8.28	2.25
	Aug	2.22	38.93	0.07	22.13	31.03	8.18	2.01
Ukraine	Jul	2.03	49.55	0.02	7.49	10.72	38.11	2.77
	Aug	2.18	49.90	0.02	7.60	10.88	38.61	2.61
Major Importers 5/	Jul	34.13	262.34	151.35	313.18	401.14	11.59	35.08
	Aug	34.76	260.59	153.10	313.83	401.84	11.09	35.52
European Union 6/	Jul	13.76	163.91	23.29	131.75	176.20	10.24	14.51
	Aug	13.76	162.36	25.29	132.70	177.15	9.74	14.51
Japan	Jul	1.81	0.20	17.67	13.75	17.87	0.00	1.81
	Aug	1.81	0.20	17.67	13.75	17.87	0.00	1.81
Mexico	Jul	2.38	33.60	18.80	32.27	51.65	0.60	2.53
	Aug	2.43	33.60	18.75	32.17	51.60	0.60	2.58
N. Afr & Mideast 7/	Jul	8.02	33.77	45.26	69.89	78.52	0.12	8.42
	Aug	8.22	33.77	44.86	69.69	78.32	0.12	8.42
Saudi Arabia	Jul	2.24	0.27	11.21	11.05	11.41	0.00	2.31
	Aug	2.24	0.27	11.21	11.05	11.41	0.00	2.31
Southeast Asia 8/	Jul	3.29	30.31	18.83	40.66	48.82	0.63	2.97
	Aug	3.67	30.11	19.03	40.66	48.82	0.63	3.35
South Korea	Jul	1.92	0.20	11.91	9.45	12.09	0.00	1.95
	Aug	1.92	0.20	11.91	9.45	12.09	0.00	1.95
Selected Other								
China	Jul	204.38	267.38	17.35	198.50	294.68	0.07	194.35
	Aug	204.38	267.38	18.45	199.50	295.68	0.07	194.45

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

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

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	341.18	1,123.45	162.85	703.04	1,144.54	181.05	320.09
World Less China	118.66	866.12	158.37	512.04	870.54	181.03	109.77
United States	54.37	364.26	0.71	137.91	310.45	52.48	56.41
Total Foreign	286.82	759.18	162.14	565.14	834.09	128.57	263.68
Major Exporters 4/	16.16	211.04	2.25	85.90	107.60	111.47	10.38
Argentina	2.41	51.00	0.01	9.70	13.80	37.24	2.37
Brazil	9.32	101.00	1.66	57.00	67.00	39.68	5.29
Russia	0.20	11.42	0.04	7.60	8.50	2.77	0.38
South Africa	2.67	11.82	0.51	7.00	12.50	1.45	1.06
Ukraine	1.57	35.81	0.04	4.60	5.80	30.32	1.29
Major Importers 5/	23.91	128.86	99.11	170.33	224.97	5.03	21.89
Egypt	1.85	6.80	9.37	13.70	16.20	0.00	1.81
European Union 6/	9.82	64.36	25.21	68.00	88.00	3.63	7.76
Japan	1.39	0.00	16.05	12.30	16.00	0.00	1.44
Mexico	5.65	27.60	16.66	25.90	44.10	0.72	5.09
Southeast Asia 7/	2.55	29.94	16.46	37.60	45.30	0.68	2.98
South Korea	1.85	0.08	10.86	8.56	10.95	0.00	1.84
Selected Other							0.00
Canada	2.42	13.89	2.56	9.30	15.09	1.80	1.98
China	222.53	257.33	4.48	191.00	274.00	0.02	210.32
2019/20 Est.							
World 3/	320.09	1,112.40	168.54	705.77	1,121.20	171.22	311.30
World Less China	109.77	851.63	161.54	516.77	847.20	171.20	107.23
United States	56.41	345.89	1.14	142.25	301.26	45.60	56.59
Total Foreign	263.68	766.50	167.40	563.53	819.94	125.63	254.70
Major Exporters 4/	10.38	217.41	1.27	87.10	109.05	108.70	11.32
Argentina	2.37	50.00	0.01	9.50	13.50	37.00	1.87
Brazil	5.29	101.00	1.20	58.00	68.00	34.00	5.49
Russia	0.38	14.28	0.05	8.70	9.70	4.20	0.80
South Africa	1.06	16.25	0.00	6.80	12.60	2.50	2.21
Ukraine	1.29	35.89	0.02	4.10	5.25	31.00	0.95
Major Importers 5/	21.89	127.89	97.23	166.50	222.30	6.28	18.44
Egypt	1.81	6.40	10.50	14.60	17.10	0.01	1.60
European Union 6/	7.76	66.67	20.50	61.50	82.70	5.00	7.23
Japan	1.44	0.00	16.00	12.30	16.00	0.00	1.44
Mexico	5.09	25.00	17.00	26.50	44.50	0.70	1.89
Southeast Asia 7/	2.98	29.67	17.83	38.40	46.25	0.57	3.66
South Korea	1.84	0.07	11.40	9.00	11.40	0.00	1.91
Selected Other							0.00
Canada	1.98	13.38	1.80	9.20	14.00	0.90	2.26
China	210.32	260.77	7.00	189.00	274.00	0.02	204.07

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

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jul	311.95	1,163.21	176.86	727.54	1,160.12	182.45	315.04
	Aug	311.30	1,171.03	178.94	731.97	1,164.87	184.66	317.46
World Less China	Jul	107.88	903.21	169.86	537.54	883.12	182.43	120.99
	Aug	107.23	911.03	171.94	541.97	887.87	184.64	123.41
United States	Jul	57.10	381.02	0.64	148.60	316.88	54.61	67.26
	Aug	56.59	388.08	0.64	150.50	318.79	56.52	70.01
Total Foreign	Jul	254.84	782.19	176.23	578.94	843.24	127.84	247.78
	Aug	254.70	782.95	178.31	581.47	846.08	128.14	247.45
Major Exporters 4/	Jul	11.11	225.30	1.56	89.30	111.30	111.70	14.97
	Aug	11.32	225.80	1.56	89.50	111.50	112.20	14.98
Argentina	Jul	1.87	50.00	0.01	11.00	15.00	34.00	2.88
	Aug	1.87	50.00	0.01	11.00	15.00	34.00	2.88
Brazil	Jul	5.49	107.00	1.50	58.00	68.00	38.00	7.99
	Aug	5.49	107.00	1.50	58.00	68.00	38.00	7.99
Russia	Jul	0.79	15.30	0.04	9.70	10.80	4.40	0.93
	Aug	0.80	15.30	0.04	9.70	10.80	4.40	0.94
South Africa	Jul	2.21	14.00	0.00	6.60	12.30	2.30	1.61
	Aug	2.21	14.00	0.00	6.60	12.30	2.30	1.61
Ukraine	Jul	0.75	39.00	0.02	4.00	5.20	33.00	1.56
	Aug	0.95	39.50	0.02	4.20	5.40	33.50	1.56
Major Importers 5/	Jul	17.86	133.12	102.35	172.95	230.00	5.44	17.88
	Aug	18.44	132.42	104.55	175.05	232.10	4.94	18.36
Egypt	Jul	1.40	6.40	11.00	14.70	17.20	0.01	1.59
	Aug	1.60	6.40	11.00	14.80	17.30	0.01	1.69
European Union 6/	Jul	7.23	68.30	23.00	65.00	87.00	4.20	7.33
	Aug	7.23	67.80	25.00	67.00	89.00	3.70	7.33
Japan	Jul	1.44	0.00	16.00	12.30	16.00	0.00	1.45
	Aug	1.44	0.00	16.00	12.30	16.00	0.00	1.45
Mexico	Jul	1.89	28.00	18.30	27.30	45.55	0.60	2.04
	Aug	1.89	28.00	18.30	27.30	45.55	0.60	2.04
Southeast Asia 7/	Jul	3.28	30.26	17.95	39.90	47.90	0.63	2.96
	Aug	3.66	30.06	18.15	39.90	47.90	0.63	3.34
South Korea	Jul	1.91	0.08	11.80	9.40	11.85	0.00	1.93
	Aug	1.91	0.08	11.80	9.40	11.85	0.00	1.93
Selected Other								
Canada	Jul	2.26	14.60	1.50	9.40	14.80	1.00	2.56
	Aug	2.26	14.30	1.70	9.60	15.00	1.00	2.26
China	Jul	204.07	260.00	7.00	190.00	277.00	0.02	194.05
	Aug	204.07	260.00	7.00	190.00	277.00	0.02	194.05

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

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

2018/19	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	164.11	496.68	43.76	483.98	43.72	176.80
World Less China	55.11	348.19	40.56	341.06	40.95	61.80
United States	0.93	7.11	0.92	4.57	2.97	1.42
Total Foreign	163.17	489.57	42.84	479.42	40.75	175.38
Major Exporters 4/	28.88	184.66	0.76	145.41	31.76	37.14
Burma	0.81	13.20	0.01	10.25	2.70	1.07
India	22.60	116.48	0.00	99.16	10.42	29.50
Pakistan	1.42	7.30	0.00	3.30	4.49	0.93
Thailand	3.01	20.34	0.25	11.50	7.56	4.54
Vietnam	1.03	27.34	0.50	21.20	6.58	1.10
Major Importers 5/	122.58	239.15	17.11	247.82	3.18	127.83
China	109.00	148.49	3.20	142.92	2.77	115.00
European Union 6/	1.18	1.97	2.15	3.80	0.30	1.19
Indonesia	5.56	34.20	0.60	36.30	0.00	4.06
Nigeria	1.58	4.54	1.90	6.80	0.00	1.22
Philippines	2.29	11.73	3.60	14.10	0.00	3.52
Sel. Mideast 7/	0.90	2.01	3.91	5.90	0.00	0.91
Selected Other						0.00
Brazil	0.59	7.14	0.75	7.35	0.88	0.25
C. Amer & Carib 8/	0.63	1.65	1.79	3.37	0.04	0.67
Egypt	1.56	2.80	0.81	4.20	0.02	0.95
Japan	2.22	7.66	0.63	8.40	0.07	2.05
Mexico	0.15	0.19	0.74	0.92	0.03	0.14
South Korea	1.56	3.87	0.29	4.57	0.05	1.09

2019/20 Est.

World 3/	176.80	495.73	39.59	490.86	41.45	181.67
World Less China	61.80	349.00	37.19	345.83	38.85	65.17
United States	1.42	5.86	1.17	4.54	2.94	0.98
Total Foreign	175.38	489.87	38.43	486.32	38.51	180.69
Major Exporters 4/	37.14	182.99	0.66	148.69	29.80	42.30
Burma	1.07	12.70	0.01	10.45	2.20	1.13
India	29.50	117.94	0.00	102.34	10.10	35.00
Pakistan	0.93	7.20	0.00	3.00	4.40	0.73
Thailand	4.54	18.00	0.25	11.80	6.50	4.49
Vietnam	1.10	27.15	0.40	21.10	6.60	0.95
Major Importers 5/	127.83	239.24	12.98	249.28	2.96	127.82
China	115.00	146.73	2.40	145.03	2.60	116.50
European Union 6/	1.19	1.97	2.30	4.00	0.30	1.16
Indonesia	4.06	34.00	0.60	35.50	0.00	3.16
Nigeria	1.22	5.04	1.00	6.55	0.00	0.71
Philippines	3.52	11.91	2.45	14.30	0.00	3.58
Sel. Mideast 7/	0.91	2.34	3.20	5.60	0.00	0.85
Selected Other						0.00
Brazil	0.25	7.56	0.70	7.20	1.10	0.21
C. Amer & Carib 8/	0.67	1.46	1.84	3.29	0.03	0.64
Egypt	0.95	4.30	0.30	4.40	0.02	1.13
Japan	2.05	7.61	0.69	8.30	0.07	1.97
Mexico	0.14	0.17	0.79	0.93	0.01	0.16
South Korea	1.09	3.74	0.48	4.10	0.06	1.16

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

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Jul	181.67	502.63	42.04	498.47	44.89	185.83
	Aug	181.67	500.05	42.04	496.53	44.26	185.19
World Less China	Jul	65.17	353.63	39.84	351.37	41.79	68.33
	Aug	65.17	353.05	39.84	350.23	41.36	68.69
United States	Jul	0.95	7.01	1.10	4.56	3.11	1.39
	Aug	0.98	6.93	1.14	4.56	3.08	1.41
Total Foreign	Jul	180.72	495.62	40.94	493.91	41.78	184.44
	Aug	180.69	493.12	40.89	491.98	41.18	183.78
Major Exporters 4/	Jul	42.22	186.20	0.61	150.70	32.90	45.43
	Aug	42.30	185.60	0.61	150.70	32.30	45.51
Burma	Jul	1.13	13.10	0.01	10.60	2.20	1.44
	Aug	1.13	13.10	0.01	10.60	2.20	1.44
India	Jul	35.00	118.00	0.00	104.00	11.00	38.00
	Aug	35.00	118.00	0.00	104.00	11.00	38.00
Pakistan	Jul	0.73	7.50	0.00	3.10	4.30	0.83
	Aug	0.73	7.50	0.00	3.10	4.30	0.83
Thailand	Jul	4.39	20.40	0.20	11.80	9.00	4.19
	Aug	4.49	20.00	0.20	11.80	8.50	4.39
Vietnam	Jul	0.97	27.20	0.40	21.20	6.40	0.97
	Aug	0.95	27.00	0.40	21.20	6.30	0.85
Major Importers 5/	Jul	127.74	241.64	14.36	252.15	3.51	128.08
	Aug	127.82	239.94	14.15	251.30	3.26	127.35
China	Jul	116.50	149.00	2.20	147.10	3.10	117.50
	Aug	116.50	147.00	2.20	146.30	2.90	116.50
European Union 6/	Jul	1.16	1.97	2.25	4.00	0.30	1.08
	Aug	1.16	1.97	2.35	4.10	0.30	1.08
Indonesia	Jul	3.06	34.90	0.50	35.30	0.00	3.16
	Aug	3.16	34.90	0.50	35.40	0.00	3.16
Nigeria	Jul	0.76	5.04	1.40	6.60	0.00	0.60
	Aug	0.71	5.04	1.20	6.40	0.00	0.55
Philippines	Jul	3.42	11.00	3.00	14.40	0.00	3.02
	Aug	3.58	11.00	3.00	14.40	0.00	3.18
Sel. Mideast 7/	Jul	0.85	2.33	3.60	6.00	0.00	0.78
	Aug	0.85	2.33	3.60	6.00	0.00	0.78
Selected Other							
Brazil	Jul	0.31	7.21	0.80	7.50	0.55	0.27
	Aug	0.21	7.21	0.80	7.15	0.80	0.27
C. Amer & Carib 8/	Jul	0.64	1.57	1.90	3.44	0.03	0.64
	Aug	0.64	1.55	1.90	3.41	0.03	0.65
Egypt	Jul	1.13	4.30	0.20	4.50	0.02	1.11
	Aug	1.13	4.30	0.25	4.50	0.02	1.16
Japan	Jul	1.97	7.65	0.69	8.25	0.08	1.98
	Aug	1.97	7.65	0.69	8.25	0.08	1.98
Mexico	Jul	0.16	0.19	0.80	0.95	0.01	0.19
	Aug	0.16	0.19	0.80	0.95	0.01	0.19
South Korea	Jul	1.16	3.86	0.45	4.00	0.06	1.41
	Aug	1.16	3.86	0.45	4.00	0.06	1.41

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

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

2018/19	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	80.92	118.65	42.27	120.18	41.40	0.04	80.23
World Less China	42.93	90.90	32.63	80.68	41.19	0.04	44.56
United States	4.20	18.37	3/	2.98	14.84	-0.09	4.85
Total Foreign	76.72	100.29	42.27	117.20	26.56	0.14	75.38
Major Exporters 4/	26.93	54.61	2.48	33.02	22.32	0.02	28.66
Central Asia 5/	2.67	5.44	3/	3.80	2.04	0.00	2.28
Afr. Fr. Zone 6/	1.61	5.43	3/	0.17	5.47	0.00	1.41
S. Hemis. 7/	13.19	17.31	0.18	4.39	10.86	0.01	15.41
Australia	3.04	2.20	3/	0.04	3.63	0.00	1.57
Brazil	8.66	13.00	0.02	3.40	6.02	0.00	12.26
India	9.23	25.80	1.80	24.00	3.51	0.00	9.31
Major Importers 8/	47.95	42.69	37.26	80.02	3.01	0.11	44.76
Mexico	0.66	1.74	0.85	2.00	0.52	0.03	0.69
China	37.99	27.75	9.64	39.50	0.21	0.00	35.67
European Union 9/	0.30	1.71	0.64	0.70	1.72	0.03	0.21
Turkey	1.78	3.75	3.50	6.90	0.48	0.00	1.64
Pakistan	2.83	7.60	2.85	10.70	0.06	0.03	2.50
Indonesia	0.63	3/	3.05	3.15	0.01	0.00	0.53
Thailand	0.20	3/	1.08	1.08	0.00	0.03	0.18
Bangladesh	1.86	0.14	7.00	7.20	0.00	0.01	1.78
Vietnam	1.29	3/	6.90	7.00	0.00	0.00	1.19
2019/20 Est.							
World	80.23	122.99	40.11	102.40	40.28	0.10	100.56
World Less China	44.56	95.74	33.11	69.40	40.10	0.10	63.81
United States	4.85	19.91	3/	2.20	15.40	-0.03	7.20
Total Foreign	75.38	103.08	40.11	100.20	24.88	0.13	93.36
Major Exporters 4/	28.66	59.37	2.90	28.37	20.66	0.02	41.87
Central Asia 5/	2.28	5.97	3/	3.94	1.58	0.00	2.73
Afr. Fr. Zone 6/	1.41	5.91	3/	0.14	4.65	0.00	2.53
S. Hemis. 7/	15.41	16.54	0.15	3.69	11.26	0.01	17.14
Australia	1.57	0.63	3/	0.04	1.38	0.00	0.79
Brazil	12.26	13.40	0.01	2.80	8.94	0.00	13.92
India	9.31	30.50	2.30	20.00	2.90	0.00	19.21
Major Importers 8/	44.76	40.62	34.77	68.15	2.92	0.11	48.96
Mexico	0.69	1.57	0.55	1.50	0.53	0.03	0.76
China	35.67	27.25	7.00	33.00	0.18	0.00	36.75
European Union 9/	0.21	2.00	0.58	0.60	1.76	0.03	0.40
Turkey	1.64	3.45	4.60	6.60	0.38	0.00	2.72
Pakistan	2.50	6.20	3.80	9.20	0.05	0.03	3.22
Indonesia	0.53	3/	2.70	2.60	0.01	0.00	0.63
Thailand	0.18	3/	0.73	0.73	0.00	0.03	0.15
Bangladesh	1.78	0.14	7.00	6.50	0.00	0.01	2.42
Vietnam	1.19	3/	6.50	6.10	0.00	0.00	1.59

1/ Marketing year beginning August 1. Totals may not add exactly and trade may not balance due to rounding and other factors. 2/

Generally reflects cotton lost or destroyed in the marketing channel; for Australia, Brazil, China, and the United States, reflects the difference between implicit stocks based on supply less total use and indicated ending stocks. 3/ Less than 5,000 bales. 4/ Includes Egypt and Syria in addition to the countries and regions listed. 5/ Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. 6/ Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, South Africa, Tanzania, Zambia, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Jul	100.92	116.25	41.84	114.29	41.81	0.14	102.77
	Aug	100.56	117.53	41.58	113.05	41.59	0.11	104.91
World Less China	Jul	63.92	89.75	32.84	77.29	41.68	0.14	67.40
	Aug	63.81	91.03	32.58	76.55	41.46	0.11	69.29
United States	Jul	7.10	17.50	0.01	2.80	15.00	0.01	6.80
	Aug	7.20	18.08	3/	2.70	15.00	-0.02	7.60
Total Foreign	Jul	93.82	98.75	41.84	111.49	26.81	0.13	95.97
	Aug	93.36	99.45	41.57	110.35	26.59	0.13	97.31
Major Exporters 4/	Jul	42.03	56.52	1.81	32.03	22.78	0.02	45.52
	Aug	41.87	57.44	1.71	31.43	22.81	0.02	46.77
Central Asia 5/	Jul	2.81	5.67	3/	4.14	1.36	0.00	2.98
	Aug	2.73	5.67	3/	4.14	1.41	0.00	2.86
Afr. Fr. Zone 6/	Jul	2.70	6.07	3/	0.14	5.54	0.00	3.08
	Aug	2.53	5.59	3/	0.14	5.12	0.00	2.86
S. Hemis. 7/	Jul	17.05	15.93	0.16	4.12	11.12	0.01	17.89
	Aug	17.14	16.13	0.16	4.02	11.12	0.01	18.28
Australia	Jul	0.91	1.70	3/	0.04	1.00	0.00	1.58
	Aug	0.79	1.90	3/	0.04	1.00	0.00	1.65
Brazil	Jul	13.71	12.00	0.03	3.20	9.00	0.00	13.54
	Aug	13.92	12.00	0.03	3.10	9.00	0.00	13.85
India	Jul	19.21	28.50	1.10	23.00	4.50	0.00	21.31
	Aug	19.21	29.70	1.00	22.50	4.90	0.00	22.51
Major Importers 8/	Jul	49.16	39.14	37.59	75.50	2.53	0.11	47.74
	Aug	48.96	38.96	37.29	75.00	2.39	0.11	47.72
Mexico	Jul	0.76	1.05	0.65	1.70	0.20	0.03	0.54
	Aug	0.76	1.05	0.65	1.70	0.20	0.03	0.54
China	Jul	37.00	26.50	9.00	37.00	0.13	0.00	35.37
	Aug	36.75	26.50	9.00	36.50	0.13	0.00	35.62
European Union 9/	Jul	0.44	1.94	0.59	0.66	1.77	0.03	0.51
	Aug	0.40	1.76	0.60	0.66	1.65	0.03	0.42
Turkey	Jul	2.62	3.00	4.10	6.90	0.33	0.00	2.49
	Aug	2.72	3.00	4.20	7.00	0.33	0.00	2.59
Pakistan	Jul	3.22	6.50	3.90	10.30	0.10	0.03	3.20
	Aug	3.22	6.50	3.50	10.00	0.08	0.03	3.12
Indonesia	Jul	0.68	3/	3.05	3.00	0.01	0.00	0.73
	Aug	0.63	3/	2.90	2.90	0.01	0.00	0.63
Thailand	Jul	0.10	3/	0.93	0.85	0.00	0.03	0.16
	Aug	0.15	3/	0.88	0.85	0.00	0.03	0.15
Bangladesh	Jul	2.42	0.15	7.10	7.00	0.00	0.01	2.65
	Aug	2.42	0.15	7.30	7.30	0.00	0.01	2.55
Vietnam	Jul	1.59	3/	7.00	6.80	0.00	0.00	1.79
	Aug	1.59	3/	7.00	6.80	0.00	0.00	1.79

1/ Marketing year beginning August 1. Totals may not add exactly and trade may not balance due to rounding and other factors. 2/ Generally reflects cotton lost or destroyed in the marketing channel; for Australia, Brazil, China, and the United States, reflects the difference between implicit stocks based on supply less total use and indicated ending stocks. 3/ Less than 5,000 bales. 4/ Includes Egypt and Syria in addition to the countries and regions listed. 5/ Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. 6/ Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, South Africa, Tanzania, Zambia, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

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

2018/19		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		98.99	360.21	144.61	297.33	342.55	148.41	112.86
World Less China		75.93	344.24	62.07	212.33	240.55	148.30	93.40
United States		11.92	120.52	0.38	56.94	60.40	47.68	24.74
Total Foreign		87.07	239.70	144.23	240.40	282.14	100.74	88.12
Major Exporters 3/		57.25	185.64	6.56	86.79	96.15	91.35	61.96
Argentina		23.73	55.30	6.41	40.57	47.45	9.10	28.89
Brazil		33.00	119.00	0.14	42.53	44.80	74.59	32.75
Paraguay		0.51	8.51	0.01	3.62	3.82	4.90	0.32
Major Importers 4/		25.67	19.84	114.98	113.03	138.08	0.32	22.09
China		23.06	15.97	82.54	85.00	102.00	0.12	19.46
European Union		1.40	2.66	14.98	15.60	17.26	0.18	1.61
Southeast Asia		0.84	0.66	8.27	3.81	9.08	0.02	0.67
Mexico		0.17	0.34	5.87	6.15	6.20	0.00	0.18
2019/20 Est.								
World 2/		112.86	337.28	162.28	307.95	351.93	164.64	95.85
World Less China		93.40	319.18	64.28	217.45	243.73	164.54	68.60
United States		24.74	96.68	0.41	58.79	60.19	44.91	16.73
Total Foreign		88.12	240.60	161.87	249.17	291.74	119.73	79.12
Major Exporters 3/		61.96	187.60	4.57	88.58	98.21	110.83	45.09
Argentina		28.89	49.70	4.20	40.50	47.59	9.50	25.70
Brazil		32.75	126.00	0.34	44.25	46.49	93.50	19.10
Paraguay		0.32	9.90	0.02	3.75	4.05	5.90	0.29
Major Importers 4/		22.09	21.78	132.13	119.42	145.28	0.38	30.35
China		19.46	18.10	98.00	90.50	108.20	0.10	27.26
European Union		1.61	2.63	15.70	16.00	17.71	0.25	1.98
Southeast Asia		0.67	0.61	9.04	4.22	9.54	0.03	0.75
Mexico		0.18	0.24	6.00	6.20	6.25	0.00	0.16
2020/21 Proj.								
World 2/	Jul	99.67	362.52	158.02	315.57	363.56	161.58	95.08
	Aug	95.85	370.40	162.49	320.08	367.90	165.49	95.36
World Less China	Jul	72.43	345.02	62.02	220.57	250.16	161.48	67.83
	Aug	68.60	352.90	63.49	222.08	251.50	165.39	68.10
United States	Jul	16.87	112.54	0.41	58.79	62.46	55.79	11.56
	Aug	16.73	120.42	0.41	59.33	63.14	57.83	16.59
Total Foreign	Jul	82.81	249.98	157.62	256.78	301.10	105.79	83.52
	Aug	79.12	249.98	162.09	260.75	304.76	107.65	78.77
Major Exporters 3/	Jul	49.27	196.85	3.76	91.88	102.03	97.83	50.02
	Aug	45.09	196.85	4.16	91.88	101.63	99.83	44.64
Argentina	Jul	26.00	53.50	3.60	43.00	50.20	6.50	26.40
	Aug	25.70	53.50	4.00	43.00	50.20	7.50	25.50
Brazil	Jul	22.77	131.00	0.15	45.00	47.65	83.00	23.27
	Aug	19.10	131.00	0.15	45.00	47.25	84.00	19.00
Paraguay	Jul	0.50	10.25	0.01	3.80	4.10	6.30	0.35
	Aug	0.29	10.25	0.01	3.80	4.10	6.30	0.14
Major Importers 4/	Jul	29.99	21.33	129.33	123.54	150.34	0.33	29.98
	Aug	30.35	21.43	132.78	126.99	153.87	0.33	30.37
China	Jul	27.25	17.50	96.00	95.00	113.40	0.10	27.25
	Aug	27.26	17.50	99.00	98.00	116.40	0.10	27.26
European Union	Jul	1.63	2.60	14.90	15.70	17.36	0.20	1.57
	Aug	1.98	2.75	14.90	15.70	17.43	0.20	2.00
Southeast Asia	Jul	0.75	0.60	8.92	3.92	9.46	0.03	0.79
	Aug	0.75	0.60	9.37	4.37	9.92	0.03	0.78
Mexico	Jul	0.16	0.39	6.10	6.40	6.47	0.00	0.18
	Aug	0.16	0.35	6.10	6.40	6.47	0.00	0.14

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

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

2018/19	Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/	13.47	233.33	62.05	229.84	67.28	11.74
World Less China	13.47	166.01	62.03	163.43	66.35	11.74
United States	0.50	44.28	0.62	32.85	12.19	0.37
Total Foreign	12.97	189.05	61.43	196.99	55.09	11.37
Major Exporters 3/	6.99	71.84	0.10	26.05	47.11	5.76
Argentina	2.48	31.20	0.03	3.13	28.83	1.74
Brazil	4.30	32.96	0.02	17.65	16.09	3.54
India	0.22	7.68	0.05	5.28	2.18	0.48
Major Importers 4/	1.58	22.02	38.88	60.26	0.59	1.64
European Union	0.21	12.32	18.76	30.44	0.37	0.48
Mexico	0.04	4.86	1.84	6.58	0.01	0.15
Southeast Asia 5/	1.21	2.98	16.69	19.77	0.20	0.91

2019/20 Est.

World 2/	11.74	242.25	62.83	239.68	67.69	9.44
World Less China	11.74	170.58	62.79	168.95	66.72	9.44
United States	0.37	46.20	0.54	34.38	12.38	0.34
Total Foreign	11.37	196.05	62.28	205.30	55.31	9.10
Major Exporters 3/	5.76	72.22	0.08	26.86	46.95	4.25
Argentina	1.74	31.15	0.00	3.28	28.00	1.61
Brazil	3.54	34.35	0.03	18.09	17.50	2.33
India	0.48	6.72	0.05	5.49	1.45	0.31
Major Importers 4/	1.64	22.72	38.98	61.45	0.57	1.32
European Union	0.48	12.64	18.20	30.74	0.35	0.23
Mexico	0.15	4.90	1.93	6.90	0.01	0.07
Southeast Asia 5/	0.91	3.30	17.15	20.22	0.21	0.93

2020/21 Proj.

World 2/	Jul	9.79	248.28	64.45	245.63	67.50	9.38
	Aug	9.44	251.82	64.52	249.10	67.73	8.95
World Less China	Jul	9.79	173.04	64.43	171.38	66.50	9.38
	Aug	9.44	174.20	64.51	172.47	66.73	8.95
United States	Jul	0.34	46.24	0.36	34.56	12.02	0.36
	Aug	0.34	46.65	0.36	34.75	12.25	0.36
Total Foreign	Jul	9.45	202.03	64.08	211.07	55.48	9.02
	Aug	9.10	205.17	64.16	214.35	55.48	8.59
Major Exporters 3/	Jul	4.62	75.47	0.08	27.70	47.82	4.65
	Aug	4.25	75.55	0.08	27.86	47.82	4.20
Argentina	Jul	1.81	33.05	0.00	3.40	29.65	1.81
	Aug	1.61	33.05	0.00	3.40	29.65	1.61
Brazil	Jul	2.58	34.90	0.03	18.51	16.30	2.70
	Aug	2.33	34.90	0.03	18.51	16.30	2.45
India	Jul	0.23	7.52	0.05	5.79	1.87	0.14
	Aug	0.31	7.60	0.05	5.95	1.87	0.14
Major Importers 4/	Jul	1.46	22.42	39.84	61.72	0.52	1.49
	Aug	1.32	22.77	39.92	62.10	0.52	1.40
European Union	Jul	0.37	12.40	18.75	30.94	0.30	0.28
	Aug	0.23	12.40	18.75	30.89	0.30	0.19
Mexico	Jul	0.07	5.06	2.00	7.05	0.01	0.07
	Aug	0.07	5.06	2.00	7.05	0.01	0.07
Southeast Asia 5/	Jul	0.92	3.06	17.47	20.21	0.21	1.04
	Aug	0.93	3.41	17.47	20.56	0.21	1.05

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

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

2018/19		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		3.83	55.67	10.43	54.93	11.18	3.82
World Less China		3.26	40.44	9.65	39.05	10.98	3.32
United States		0.91	10.98	0.18	10.38	0.88	0.81
Total Foreign		2.93	44.70	10.25	44.56	10.30	3.02
Major Exporters 3/		0.80	19.74	0.47	12.24	7.78	0.99
Argentina		0.27	7.91	0.00	2.57	5.26	0.35
Brazil		0.37	8.18	0.02	7.17	1.08	0.33
European Union		0.15	2.96	0.42	2.46	0.79	0.29
Major Importers 4/		1.02	17.98	6.36	23.99	0.31	1.07
China		0.57	15.23	0.78	15.89	0.20	0.50
India		0.17	1.73	3.00	4.75	0.01	0.14
North Africa 5/		0.19	0.73	1.56	2.18	0.10	0.20
2019/20 Est.							
World 2/		3.82	57.57	10.87	56.04	11.96	4.26
World Less China		3.32	41.36	10.07	39.25	11.79	3.71
United States		0.81	11.25	0.15	9.98	1.29	0.94
Total Foreign		3.02	46.32	10.72	46.06	10.67	3.33
Major Exporters 3/		0.99	20.16	0.49	12.35	8.09	1.20
Argentina		0.35	7.91	0.00	2.39	5.60	0.27
Brazil		0.33	8.50	0.06	7.45	1.03	0.42
European Union		0.29	3.04	0.43	2.47	0.80	0.49
Major Importers 4/		1.07	19.02	6.61	25.13	0.36	1.21
China		0.50	16.22	0.80	16.79	0.18	0.56
India		0.14	1.51	3.35	4.85	0.01	0.14
North Africa 5/		0.20	0.90	1.66	2.27	0.17	0.32
2020/21 Proj.							
World 2/	Jul	4.04	59.04	10.98	58.01	11.92	4.13
	Aug	4.26	59.86	10.96	58.84	12.06	4.19
World Less China	Jul	3.58	42.02	9.98	40.27	11.77	3.53
	Aug	3.71	42.30	9.96	40.47	11.91	3.59
United States	Jul	0.92	11.36	0.18	10.43	1.09	0.93
	Aug	0.94	11.46	0.16	10.43	1.18	0.94
Total Foreign	Jul	3.13	47.68	10.80	47.57	10.83	3.20
	Aug	3.33	48.40	10.80	48.40	10.88	3.25
Major Exporters 3/	Jul	1.20	20.73	0.45	12.65	8.55	1.19
	Aug	1.20	20.73	0.45	12.71	8.55	1.12
Argentina	Jul	0.31	8.39	0.00	2.40	6.00	0.30
	Aug	0.27	8.39	0.00	2.40	6.00	0.26
Brazil	Jul	0.42	8.64	0.03	7.60	1.05	0.44
	Aug	0.42	8.64	0.03	7.60	1.05	0.44
European Union	Jul	0.45	2.98	0.42	2.61	0.83	0.42
	Aug	0.49	2.98	0.42	2.67	0.83	0.39
Major Importers 4/	Jul	1.03	19.93	6.67	26.19	0.27	1.17
	Aug	1.21	20.57	6.67	26.89	0.31	1.25
China	Jul	0.46	17.02	1.00	17.73	0.15	0.60
	Aug	0.56	17.56	1.00	18.37	0.15	0.60
India	Jul	0.12	1.69	3.24	4.90	0.01	0.14
	Aug	0.14	1.71	3.24	4.94	0.01	0.14
North Africa 5/	Jul	0.26	0.78	1.64	2.29	0.12	0.28
	Aug	0.32	0.87	1.64	2.32	0.16	0.36

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

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U.S. Quarterly Animal Product Production 1/

Year and Quarter		Beef	Pork	Red Meat 2/	Broiler	Turkey	Total Poultry 3/	Red Meat & Poultry	Egg	Milk
		<i>Million Pounds</i>						<i>Mil doz</i>		<i>Bil lbs</i>
2019	III	6,923	6,706	13,683	11,402	1,453	12,992	26,675	2,347	54.2
	IV	7,001	7,478	14,535	11,175	1,467	12,773	27,308	2,414	54.0
	Annual	27,155	27,638	55,015	43,905	5,818	50,251	105,266	9,447	218.4
2020	I	6,929	7,426	14,407	11,237	1,469	12,841	27,248	2,349	56.1
	II	6,054	6,311	12,417	10,931	1,369	12,434	24,851	2,249	55.9
	III*	7,060	7,170	14,283	11,350	1,400	12,884	27,167	2,290	54.9
	IV*	6,985	7,450	14,490	11,150	1,450	12,730	27,220	2,335	54.8
	Annual									
	Jul Proj.	26,934	28,536	55,682	44,637	5,679	50,862	106,544	9,182	221.5
	Aug Proj.	27,028	28,357	55,597	44,668	5,688	50,889	106,485	9,223	221.8
2021	I*	6,805	7,110	13,967	11,025	1,420	12,575	26,542	2,280	56.4
	II*	7,050	6,990	14,098	11,200	1,425	12,765	26,863	2,295	57.7
	Annual									
	Jul Proj.	27,720	28,565	56,503	45,175	5,770	51,485	107,988	9,345	225.6
	Aug Proj.	27,620	28,565	56,403	45,275	5,770	51,585	107,988	9,385	225.3

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

U.S. Quarterly Prices for Animal Products

Year and Quarter		Steers 2/	Barrows and gilts 3/	Broilers 4/	Turkeys 5/	Eggs 6/	Milk 7/
		<i>Dol./cwt</i>	<i>Dol./cwt</i>	<i>Cents/lb.</i>	<i>Cents/lb.</i>	<i>Cents/doz.</i>	<i>Dol./cwt</i>
2019	III	108.16	50.08	82.0	90.8	81.9	18.97
	IV	114.88	43.11	80.6	97.8	117.2	20.60
	Annual	116.78	47.95	88.6	89.2	94.0	18.63
2020	I	118.32	42.52	83.5	97.4	133.1	18.83
	II	105.79	38.96	67.0	103.7	119.6	15.37
	III*	101.00	36.00	66.0	110.0	85.0	19.95
	IV*	104.00	35.00	65.0	111.0	120.0	17.65
	Annual						
	Jul Proj.	106.8	38.9	70.0	105.3	121.9	18.25
	Aug Proj.	107.3	38.1	70.4	105.5	114.4	17.95
2021	I*	105.00	41.00	80.0	102.0	113.0	17.10
	II*	105.00	47.00	87.0	104.0	95.0	16.50
	Annual						
	Jul Proj.	110	44	81	105	115	17.05
	Aug Proj.	110	44	81	105	110	17.05

*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 stocks	Production 1/	Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita 2/ 3/
		<i>Million Pounds /4</i>							
Beef	2019	662	27,221	3,058	30,940	3,026	642	27,272	58.1
	2020 Proj. Jul	642	27,000	3,039	30,681	2,914	645	27,121	57.5
	Aug	642	27,094	3,137	30,873	2,896	650	27,326	57.9
	2021 Proj. Jul	645	27,786	3,020	31,451	3,140	650	27,661	58.2
	Aug	650	27,686	3,045	31,381	3,140	650	27,591	58.1
Pork	2019	559	27,652	945	29,156	6,321	646	22,188	52.4
	2020 Proj. Jul	646	28,550	851	30,048	7,523	535	21,990	51.6
	Aug	646	28,371	861	29,879	7,547	525	21,807	51.2
	2021 Proj. Jul	535	28,579	895	30,009	7,650	590	21,769	50.8
	Aug	525	28,579	895	29,999	7,650	575	21,774	50.8
Total Red Meat 5/	2019	1,266	55,105	4,275	60,646	9,353	1,330	49,963	111.9
	2020 Proj. Jul	1,330	55,772	4,168	61,269	10,446	1,226	49,597	110.4
	Aug	1,330	55,687	4,274	61,290	10,454	1,221	49,616	110.4
	2021 Proj. Jul	1,226	56,593	4,188	62,007	10,796	1,283	49,928	110.3
	Aug	1,221	56,493	4,213	61,927	10,796	1,268	49,863	110.2
Broiler	2019	845	43,435	131	44,411	7,103	937	36,371	95.1
	2020 Proj. Jul	937	44,159	133	45,229	7,338	840	37,051	96.3
	Aug	937	44,190	135	45,262	7,186	890	37,186	96.7
	2021 Proj. Jul	840	44,692	132	45,664	7,400	850	37,414	96.6
	Aug	890	44,791	132	45,813	7,140	905	37,768	97.5
Turkey	2019	303	5,818	12	6,133	639	233	5,261	16.0
	2020 Proj. Jul	233	5,679	14	5,925	539	215	5,171	15.7
	Aug	233	5,688	15	5,936	540	215	5,181	15.7
	2021 Proj. Jul	215	5,770	12	5,997	555	230	5,212	15.7
	Aug	215	5,770	12	5,997	555	230	5,212	15.7
Total Poultry 6/	2019	1,153	49,781	146	51,080	7,824	1,175	42,081	112.5
	2020 Proj. Jul	1,175	50,384	150	51,708	7,962	1,060	42,686	113.4
	Aug	1,175	50,410	152	51,737	7,810	1,110	42,817	113.7
	2021 Proj. Jul	1,060	51,001	147	52,208	8,025	1,087	43,096	113.7
	Aug	1,110	51,100	147	52,357	7,765	1,140	43,452	114.6
Red Meat & Poultry	2019	2,419	104,886	4,421	111,725	17,177	2,504	92,044	224.3
	2020 Proj. Jul	2,504	106,155	4,318	112,977	18,408	2,286	92,283	223.8
	Aug	2,504	106,097	4,426	113,027	18,264	2,331	92,433	224.1
	2021 Proj. Jul	2,286	107,594	4,335	114,215	18,821	2,370	93,024	224.1
	Aug	2,331	107,593	4,360	114,284	18,561	2,408	93,315	224.8

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

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U.S. Egg Supply and Use

	2018	2019	2020 Proj. Jul	2020 Proj. Aug	2021 Proj. Jul	2021 Proj. Aug
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	87.5	78.8	108.7	128.4	130.0	130.0
Production	9,205.0	9,447.5	9,182.0	9,223.0	9,345.0	9,385.0
Imports	17.8	14.6	13.9	14.2	16.0	16.0
Total Supply	9,310.3	9,540.9	9,304.6	9,365.6	9,491.0	9,531.0
Use						
Exports	333.2	333.9	334.0	339.6	330.0	335.0
Hatching Use	1,057.5	1,081.2	1,079.1	1,080.7	1,105.0	1,105.0
Ending Stocks	78.8	128.4	130.0	130.0	135.0	135.0
Disappearance						
Total	7,840.9	7,997.4	7,761.5	7,815.3	7,921.0	7,956.0
Per Capita (number)	287.8	292.1	281.9	283.8	285.8	287.1

U.S. Milk Supply and Use

	2018	2019	2020 Proj. Jul	2020 Proj. Aug	2021 Proj. Jul	2021 Proj. Aug
Milk	<i>Billion Pounds</i>					
Production	217.6	218.4	221.5	221.8	225.6	225.3
Farm Use	1.0	1.0	1.0	1.0	1.0	1.0
Fat Basis Supply						
Beg. Commercial Stocks	13.4	13.8	13.6	13.6	13.2	13.1
Marketings	216.6	217.4	220.5	220.7	224.6	224.3
Imports	6.3	6.9	7.0	7.1	6.9	6.9
Total Cml. Supply	236.2	238.1	241.1	241.5	244.6	244.2
Fat Basis Use						
Commercial Exports	10.4	9.1	9.1	9.2	9.3	9.5
Ending Commercial Stocks	13.8	13.6	13.2	13.1	13.3	13.1
CCC Donations	0.0	0.2	0.3	0.3	0.0	0.0
Domestic Commercial Use	212.1	215.2	218.6	218.9	222.1	221.7
Skim-solid Basis Supply						
Beg. Commercial Stocks	11.8	10.7	10.2	10.2	10.3	10.1
Marketings	216.6	217.4	220.5	220.7	224.6	224.3
Imports	5.5	5.8	5.8	5.7	5.6	5.6
Total Cml. Supply	233.8	233.9	236.5	236.7	240.5	240.0
Skim-solid Basis Use						
Commercial Exports	44.6	41.5	45.8	46.2	45.5	46.3
Ending Commercial Stocks	10.7	10.2	10.3	10.1	10.3	10.1
CCC Donations	0.0	0.2	0.1	0.1	0.0	0.0
Domestic Commercial Use	178.5	181.9	180.3	180.2	184.7	183.6

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

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U.S. Dairy Prices

	2018	2019	2020 Proj. Jul	2020 Proj. Aug	2021 Proj. Jul	2021 Proj. Aug
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.5377	1.7586	1.905	1.845	1.725	1.715
Butter	2.2572	2.2431	1.685	1.625	1.715	1.680
Nonfat Dry Milk	0.7945	1.0419	1.040	1.025	1.010	1.010
Dry Whey	0.3422	0.3799	0.355	0.355	0.345	0.355
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	14.61	16.96	18.00	17.40	16.20	16.10
Class IV	14.23	16.30	13.95	13.55	13.80	13.65
All Milk 3/	16.27	18.63	18.25	17.95	17.05	17.05

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 2.3 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 26 times and above 13 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average			Years	
Million Metric Tons			Below Final	Above Final			
	Percent			Smallest	Largest		
WHEAT							
Production							
World	2.3	3.8	10.6	0.2	32.1	26	13
U.S.	2.3	4.0	1.1	0.0	4.2	16	23
Foreign	2.5	4.3	10.4	0.6	31.1	26	13
Exports							
World	5.8	9.8	6.2	0.4	19.1	29	10
U.S.	11.0	18.6	2.6	0.0	10.0	17	21
Foreign	7.2	12.2	6.0	0.3	20.5	28	11
Domestic Use							
World	1.8	3.1	7.9	0.2	23.4	20	19
U.S.	7.5	12.8	2.0	0.0	5.5	12	27
Foreign	1.8	3.0	7.7	0.2	22.0	23	16
Ending Stocks							
World	9.1	15.5	11.2	0.3	31.2	30	9
U.S.	15.2	25.8	2.9	0.5	12.6	25	14
Foreign	9.8	16.6	9.7	0.2	28.7	30	9
COARSE GRAINS 2/							
Production							
World	2.4	4.1	18.4	0.4	53.7	30	9
U.S.	6.0	10.3	9.5	0.0	31.4	24	15
Foreign	2.5	4.3	15.1	0.7	58.4	27	12
Exports							
World	7.1	12.1	6.8	0.1	23.8	27	12
U.S.	20.8	35.3	7.4	0.4	19.7	16	23
Foreign	14.2	24.1	7.8	1.4	19.9	26	13
Domestic Use							
World	1.7	2.8	13.2	0.2	36.8	22	17
U.S.	4.2	7.1	6.9	0.2	17.0	22	17
Foreign	1.8	3.1	11.6	1.1	39.2	25	14
Ending Stocks							
World	16.3	27.7	21.2	0.1	171.8	31	8
U.S.	28.2	47.9	9.9	0.3	43.5	20	19
Foreign	17.0	28.8	15.6	0.2	154.8	31	8
RICE, milled							
Production							
World	2.3	3.9	6.5	0.1	24.4	25	14
U.S.	5.6	9.5	0.3	0.0	0.7	20	19
Foreign	2.3	4.0	6.4	0.4	24.7	26	13
Exports							
World	9.2	15.6	1.7	0.0	6.9	27	12
U.S.	11.5	19.5	0.2	0.0	1.0	19	18
Foreign	10.2	17.3	1.7	0.1	6.8	26	13
Domestic Use							
World	1.8	3.1	4.3	0.1	23.5	29	10
U.S.	8.4	14.2	0.2	0.0	0.5	18	21
Foreign	1.9	3.2	4.3	0.0	24.0	28	11
Ending Stocks							
World	12.3	21.0	6.3	0.1	27.3	31	8
U.S.	30.2	51.2	0.2	0.0	1.0	23	15
Foreign	13.3	22.6	6.3	0.1	27.1	31	8

1/ Footnotes at end of table.

CONTINUED

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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	Smallest	Largest	Years Below Final	Years Above Final
SOYBEANS	<i>Percent</i>			<i>Million Metric Tons</i>			
Production							
World	4.7	7.9	7.3	0.3	26.7	22	17
U.S.	6.0	10.2	3.3	0.0	11.1	21	17
Foreign	7.5	12.8	6.7	1.1	26.4	19	20
Exports							
World	7.1	12.0	3.4	0.2	11.6	26	13
U.S.	12.4	21.0	3.0	0.0	9.8	22	16
Foreign	19.3	32.7	3.0	0.0	13.6	20	19
Domestic Use							
World	3.5	5.9	4.9	0.0	15.9	24	15
U.S.	5.0	8.5	1.8	0.0	4.6	25	14
Foreign	4.0	6.8	4.5	0.6	11.3	23	16
Ending Stocks							
World	16.6	28.3	4.7	0.1	23.5	20	19
U.S.	44.9	76.2	2.7	0.3	7.3	13	26
Foreign	18.8	31.8	4.4	0.2	21.3	23	16
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	5.0	8.4	3.5	0.0	13.2	21	17
U.S.	7.7	13.1	1.0	0.0	3.9	19	19
Foreign	5.4	9.1	3.0	0.0	10.9	21	17
Exports							
World	9.7	16.4	2.4	0.1	10.2	18	21
U.S.	21.5	36.5	1.2	0.0	3.2	20	19
Foreign	12.4	21.1	1.8	0.1	8.5	20	19
Domestic Use							
World	5.1	8.7	3.5	0.3	20.7	15	24
U.S.	9.7	16.5	0.4	0.0	1.3	18	18
Foreign	5.2	8.8	3.4	0.3	20.1	16	23
Ending Stocks							
World	15.0	25.5	5.8	0.2	18.5	27	12
U.S.	39.7	67.3	1.4	0.0	5.1	14	24
Foreign	15.2	25.8	5.2	0.1	18.6	29	10

1/ Marketing years 1981/82 through 2019/20 for grains, soybeans (U.S. only), and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2018/19, and for 2019/20 the last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

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Reliability of United States 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	356	1	1,079	23	16
Exports	21.8	36.9	267	12	750	16	23
Domestic Use	4.5	7.7	279	10	590	24	15
Ending Stocks	33.5	56.8	365	12	1,674	19	20
SORGHUM							
Production	7.9	13.4	32	1	108	20	19
Exports	34.2	58.1	44	1	160	19	20
Domestic Use	27.5	46.7	44	0	130	18	19
Ending Stocks	55.5	94.1	36	2	201	15	24
BARLEY							
Production	6.1	10.3	15	1	67	14	25
Exports	65.6	111.3	13	0	82	17	18
Domestic Use	10.0	17.0	23	0	82	13	25
Ending Stocks	19.1	32.4	21	0	94	18	20
OATS							
Production	10.0	17.0	13	1	57	7	32
Exports	95.7	162.3	1	0	8	9	12
Domestic Use	7.1	12.1	14	1	39	11	28
Ending Stocks	23.5	39.9	15	0	40	17	21
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	5.0	8.5	1,353	32	3,669	28	11
Exports	15.7	26.7	942	50	3,500	24	15
Domestic Use	4.1	6.9	822	24	3,800	24	15
Ending Stocks	42.6	72.3	51	0	428	12	15
SOYBEAN OIL			<i>Million Pounds</i>				
Production	5.0	8.4	656	11	2,290	26	13
Exports	33.1	56.2	410	0	1,575	18	18
Domestic Use	4.3	7.4	501	8	2,200	25	14
Ending Stocks	32.8	55.7	469	0	1,472	21	17
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	4.1	6.9	808	110	2,536	25	13
Pork	3.0	5.1	397	10	1,375	23	15
Broilers	2.2	3.8	570	49	1,338	21	17
Turkeys	3.8	6.5	148	2	458	21	17
			<i>Million Dozen</i>				
Eggs	1.9	3.2	111	4	394	25	13
			<i>Billion Pounds</i>				
Milk	1.7	2.8	2.1	0.1	7.0	21	17

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2019/20 for grains, soybeans, and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2018/19, and for 2019/20 the last month's estimate. Calendar years 1982 through 2019 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2019.

Related USDA Reports

The *WASDE* report incorporates information from a number of statistical reports published by USDA and other government agencies. In turn, the *WASDE* report provides a framework for more detailed reports issued by USDA's Economic Research Service and Foreign Agricultural Service. For more information on how the *WASDE* report is prepared, go to: <http://www.usda.gov/oce/commodity/wasde>.

Supply and Demand Database

The Foreign Agricultural Service publishes Production, Supply, and Demand Online, a comprehensive database of supply and demand balances by commodity for 190 countries and regions at <https://apps.fas.usda.gov/psdonline/app/index.html>. Data for grains, oilseeds, and cotton are updated monthly and data for other commodities are updated less frequently.

Foreign Production Assessments

Preliminary foreign production assessments and satellite imagery analysis used to prepare the *WASDE* report are provided by the International Production Assessment Division (IPAD) of the Foreign Agricultural Service. IPAD is located at <https://ipad.fas.usda.gov/>.

Metric Conversion Factors

1 Hectare = 2.4710 Acres

1 Kilogram = 2.20462 Pounds

Metric-Ton Equivalent	= Domestic Unit	Factor
Wheat & Soybeans	bushels	.027216
Rice	cwt	.045359
Corn, Sorghum, & Rye	bushels	.025401
Barley	bushels	.021772
Oats	bushels	.014515
Sugar	short tons	.907185
Cotton	480-lb bales	.217720

For complete WASDE tables and previous month's report visit

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For questions contact: Mirvat Sewadeh at 202-720-5447 or msewadeh@oce.usda.gov

World Agricultural Supply and Demand Estimates

WASDE-603 – August 12, 2020

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