

# World Agricultural Supply and Demand Estimates

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**WHEAT:** The outlook for 2021/22 U.S. wheat this month is for reduced supplies, lower domestic use and exports, and decreased ending stocks. Supplies are lowered on reduced wheat production and beginning stocks. All wheat production is lowered 152 million bushels to 1,746 million. The all wheat yield is 45.8 bushels per acre, down 4.9 bushels from last month. The NASS *July Crop Production* report provides survey-based production forecasts for all wheat classes for the first time in the 2021/22 crop year. The production forecasts for durum and other spring wheat indicated a significant decline compared to last year for these two classes due to the severe drought conditions affecting the Northern Plains. Partially offsetting this decrease is higher winter wheat production, both on increased harvested acreage and a higher yield. Imports are raised 20 million bushels to 145 million. Beginning stocks are reduced on the latest NASS *Grain Stocks* report, which indicated lower 2020/2021 ending stocks than previously estimated.

Projected exports and feed and residual usage are lowered to 875 and 170 million bushels, respectively, on the reduction in durum and other spring wheat supplies. These would be the smallest U.S. wheat exports since the 2015/16 marketing year. Projected 2021/22 ending stocks are reduced 105 million bushels to 665 million and are the lowest since 2013/14. The projected 2021/22 season-average farm price is raised \$0.10 per bushel to \$6.60.

The global wheat outlook for 2021/22 is for reduced supplies, fractionally lower consumption, increased trade, and lower ending stocks. Supplies are projected to decline 5.3 million tons to 1,082.6 million on reduced beginning stocks in several countries and lower U.S. production not offsetting higher foreign production. Global production is lowered 2.0 million tons to 792.4 million but still remains at a record. Australia's production is raised 1.5 million tons to 28.5 million, based on continued widespread precipitation benefiting emergence and crop establishment. Russia's production is lowered 1.0 million tons to 85.0 million. Winter wheat production is reduced 0.5 million tons to 64.0 million on decreased harvested area from a damaging early spring freeze more than offsetting higher yields on continued favorable conditions across Western Russia. Spring wheat is also lowered 0.5 million tons to 21.0 million on reduced yields with hot and dry conditions affecting the spring wheat region of Central Russia. Kazakhstan is lowered 1.0 million tons to 13.0 million on similar unfavorable conditions. The EU and United Kingdom are increased a combined 1.4 million tons to 138.2 and 14.8 million, respectively on continued favorable conditions across Northern and Central Europe.

Projected 2021/22 world consumption is fractionally lower at 790.9 million on lower feed and residual use in Russia, the United States, and Kazakhstan mostly being offset by higher food, seed, and industrial use in several countries. Projected 2021/22 global trade is raised 0.8 million tons to a record 204.0 million, on increased exports by the EU, Ukraine, and Australia offsetting reductions in Canada, Kazakhstan, and the United States. Projected 2021/22 world ending stocks are lowered 5.1 million tons to 291.7 million but remain above last year.

**COARSE GRAINS:** This month's 2021/22 U.S. corn outlook is for larger supplies, greater feed and residual use, increased exports, and higher ending stocks. Corn beginning stocks are lowered 25 million bushels, based on greater feed and residual use for 2020/21 as indicated in the June 30 *Grain Stocks* report. Corn production for 2021/22 is forecast 175 million bushels higher based on greater

planted and harvested area from the June 30 *Acreage* report. The national average corn yield is unchanged at 179.5 bushels per acre. During June, harvested-area weighted precipitation for the major corn producing states was below normal but did not represent an extreme deviation from the 1988 to 2020 average. For much of the crop the critical pollination period will be during middle and late July and USDA will provide its first survey-based corn yield forecast of the season in the August 12 *Crop Production* report.

Total U.S. corn use for 2021/22 is forecast 75 million bushels higher with increases for feed and residual use and exports. Feed and residual use is raised reflecting a larger crop. Corn exports are raised 50 million bushels, with sharply lower exports expected for Brazil. With supply rising more than use, ending stocks are up 75 million bushels. The season-average farm price received by producers is lowered 10 cents to \$5.60 per bushel.

This month's 2021/22 foreign coarse grain outlook is for lower production and use, larger trade, and smaller stocks relative to last month. Foreign corn production is higher, with a projected increase for Russia based on higher indicated area. Barley production is raised for Australia but lowered for Canada, the EU, Russia, Kazakhstan, and India. For 2020/21, foreign corn production is lowered, with reductions for Brazil and Paraguay more than offsetting an increase for Argentina. Major global trade changes for 2021/22 include larger corn exports for the United States and Russia with a reduction for Mexico. Corn imports are lowered for the EU and Iran. For 2020/21, corn exports are raised for Argentina but lowered for Brazil for the local marketing year beginning March 2021. Foreign corn ending stocks for 2021/22 are virtually unchanged from last month.

**RICE:** The outlook for 2021/22 U.S. rice this month is for slightly larger supplies, lower domestic use, higher exports, and larger ending stocks. Supplies are raised slightly as increased beginning stocks and imports more than offset lower production. Beginning stocks are higher, primarily due to lower estimates for domestic use and residual for 2020/21, as implied by the latest NASS *Rice Stocks* report. Domestic use is also reduced in 2021/22 by 3.0 million cwt to 153.0 million, although still a record. All rice production is reduced 2 percent to 199.3 million cwt with all the decline occurring in medium- and short-grain. The severe drought in California reduced medium- and short-grain area as reported in NASS *Acreage*. The all rice yield is also lowered based on less California area, which consistently achieves higher yields than the southern rice producing States. Because of reduced supplies of medium- and short-grain, imports for these classes are raised to a record 8.0 million cwt which increased all rice imports to a record at 39.0 million. All rice exports are raised 2.0 million cwt to 90.0 million (all long-grain) on expectations the United States will continue its recent expansion of rough rice exports to Venezuela and other Latin American markets. Projected 2021/22 all rice ending stocks are raised by 2.3 million cwt to 41.3 million with long-grain accounting for all the increase. The 2021/22 all rice season-average farm price is increased \$0.20 per cwt to \$14.40, all on higher medium- and short-grain prices expected for California and Other States.

The 2021/22 global outlook is for reduced supplies, lower consumption, marginally higher trade, and decreased ending stocks. Supplies are reduced by 2.0 million tons to 681.0 million, primarily on a combination of lower beginning stocks for India and decreased production for Egypt, EU, and United States. India's beginning stocks are reduced as its 2020/21 exports are raised 2.0 million tons to a record 19.0 million on a continued robust pace and very competitive export prices. World 2021/22 consumption is reduced by 0.6 million tons to a still record 514.0 million. Global 2021/22 trade is raised 0.1 million tons to 47.1 million, on higher exports by the United States, Brazil, and Australia. Projected 2021/22 world ending stocks are reduced by 1.4 million tons to 167.0 million, primarily on India as its stocks are at a 4-year low.

**OILSEEDS:** U.S. oilseed production for 2021/22 is projected at 130.5 million tons, up 0.2 million from last month, with increases for sunflowerseed, peanuts, and cottonseed partly offset with a reduction for canola. Soybean production is projected at 4.4 billion bushels, unchanged from last month. Harvested area, forecast at 86.7 million acres in the June 30 *Acreage* report, is unchanged

from last month but up 4.4 million from last year. The soybean yield forecast is unchanged at 50.8 bushels per acre. Soybean supply and use forecasts are unchanged from last month.

Soybean changes for 2020/21 include lower imports, crush, and exports. With offsetting changes in supply and use, ending stocks are unchanged at 135 million bushels. The U.S. season-average soybean price for 2020/21 is forecast at \$11.05 per bushel, down \$0.20 as early-season sales at lower prices continue to weigh on the season-average forecast. The soybean meal price is projected at \$395.00 per short ton, down \$10.00 from last month. The soybean oil price is forecast at 57.5 cents per pound, down 1.5 cents.

The 2021/22 global oilseed supply and demand forecasts include higher production, exports, crush, and ending stocks compared to last month. Global oilseed production is raised 2.5 million tons to 635.4 million, with higher sunflowerseed, rapeseed, cottonseed, and peanuts partly offset by lower soybean output. Russian sunflowerseed production is increased 2.0 million tons to 16.5 million, mainly on higher area shown in government planting progress reports. Australian rapeseed production is raised on beneficial early-season rainfall and higher area. Canadian canola production is lowered as early-season drought conditions impact yields and offset an increase to area. Canada's soybean production is also lowered based on lower area.

The 2021/22 global soybean ending stocks are increased 1.9 million tons to 94.5 million as higher stocks for Brazil and Argentina are partly offset by lower Chinese stocks. The stocks revisions reflect notable balance sheet changes for Brazil and Argentina in 2020/21 and China in 2020/21 and 2021/22. Exports for Brazil and Argentina for 2020/21 are reduced as high prices lead to lower shipments to China. China's imports are reduced 2 million tons to 98 million and 1 million tons to 102 million for 2020/21 and 2021/22, respectively. Another notable oilseed change includes a 0.3-million-ton reduction to 18.2 million for Malaysian 2020/21 palm oil production.

**SUGAR:** High-tier tariff sugar imports for 2019/20 and 2020/21 have been corrected due to a discovery of errors in the labelling of data maintained by the U.S. Bureau of the Census (CENSUS). The CENSUS data, which USDA uses to identify high-tier tariff imports, were correct through the month of June 2020 but have been incorrect since July 2020. With the assistance of USDA, CENSUS staff have identified the problem and are in the process of correcting the data. Revised import estimates will be published as soon as practicable. In the meantime, USDA is using non-public estimates of high-tier tariff imports as compiled by U.S. Customs and Border Protection in their ACE database. These data since July 2020 through May 2021 will be published by FAS shortly after the release of the July 2021 *WASDE*. Sweetener Market Data (SMD) for imports and deliveries by non-reporters are revised for both 2019/20 and 2020/21. Imports for 2019/20 are decreased by 92,042 short tons, raw value (STRV) to 4.143 million. Deliveries for human consumption for 2019/20 are reduced by the same amount to 12.224 million STRV. Although there is no change to SMD survey-based ending stocks, the ending stocks-to-use ratio for 2019/20 is increased by 0.1 percentage points to 13.0 percent because of lower use.

U.S. sugar production for 2021/22 is decreased by 302,422 STRV to 9.008 million. Beet sugar production is projected lower by 192,422 STRV due to a reduction from last month of projected yield in the Upper Midwest on processors' reporting and a lower U.S. area harvested forecast in the NASS *Acreage* report. Florida cane sugar is decreased by 85,000 STRV on processors' reporting of a reduction from last month in forecast area harvested. Louisiana cane sugar production is decreased by 25,000 on lower sugarcane yields forecast by processors. Beet sugar production for 2020/21 is decreased slightly by lower estimated recovery only partially offset by an increase in estimated sugarbeet production in California. The Florida 2020/21 campaign ran late through the beginning of June and is estimated at 2.091 million STRV. The length of the campaign contributed to reduced area for the succeeding campaign in 2021/22.

Imports for 2020/21 are increased by 34,093 STRV to 3.138 million STRV. TRQ imports for 2020/21 are estimated at 1.778 million STRV on the basis of the 44,093 STRV increase in the additional specialty TRQ and an additional 60,000 STRV of raw sugar expected to enter after the reallocation by USTR of the raw sugar TRQ shortfall. Shortfall is now estimated at 86,854 STRV, down from 146,854 last month. Partially offsetting these increases are pace-to-date reductions to re-export imports (50,000 STRV reduction) and high-tier tariff sugar imports resulting from ACE sourcing (20,000 STRV reduction). Imports for 2021/22 are increased by 484,000 STRV due to an expected increase in imports from Mexico.

There are no changes to use for either 2020/21 or 2021/22. Even with downward revisions made for 2020/21 direct consumption imports due to lower high-tier tariff sugar imports, the pace of overall deliveries appears consistent with an unchanged 12.125 million STRV. Deliveries for 2021/22 are still expected to be flat. All changes for 2020/21 imply an additional 21,522 STRV in ending stocks for a stocks-to-use ratio of 14.49 percent. Ending stocks for 2021/22 are projected at 1.656 million STRV for a stocks-to-use ratio of 13.50 percent.

Mexico production for 2020/21 is estimated at 5.708 million metric tons (MT). The campaign is nearly over with only one mill in operation as of July 3. The projection for 2021/22 production is unchanged at 5.809 million MT. Deliveries for IMMEX for 2020/21 are increased by 13,000 MT to 428,000 on the pace to date and the projection for 2021/22 is correspondingly increased by the same amount. Required ending stocks to meet delivery needs for the 2.5 months before the start of the 2021/22 sugarcane campaign are increased slightly because of the 2021/22 increase for IMMEX. These small changes imply slightly lower exports for both 2020/21 and 2021/22. Exports to the United States for 2021/22 are increased to 1.240 million MT on calculated U.S. Needs implied by the July 2021 WASDE as set out in the AD/CVD Suspension Agreements. Residually determined exports to other destinations are projected at 271,088 MT.

**LIVESTOCK, POULTRY, AND DAIRY:** The forecast for 2021 red meat and poultry production is lowered from last month on lower pork, broiler, and turkey forecasts. The beef production forecast is unchanged as higher slaughter is offset by lower expected carcass weights. Pork production is reduced on lower expected second-half commercial hog slaughter. Broiler and turkey production are lowered on the pace of production in the second quarter. However, the forecasts for the remainder of the year are unchanged. The egg production forecast is lowered from last month on recent production and flock data.

For 2022, the red meat and poultry production forecast is lowered, primarily on lower pork production as well as slightly lower beef production. USDA's *Quarterly Hogs and Pigs* report indicated producers expect to farrow fewer sows in the second half of 2021 which, when coupled with slower forecast growth in pigs per litter, will tighten supplies of market-ready hogs in 2022 relative to last month. USDA will release the *Cattle* report on July 23, which will provide an indication of the mid-year inventory and producer intentions for heifer retention. Broiler, turkey, and egg forecasts are unchanged from last month.

Beef import forecasts for 2021 and 2022 are unchanged from last month while the export forecasts are raised for both years on continued firm demand in Asia. Pork import and export forecasts for 2021 and 2022 are unchanged. Broiler exports for 2021 are raised primarily on higher-than-expected May data, but no change is made to the forecasts for 2022. The turkey export forecast is raised slightly for 2021 on current trade data; the forecast for 2022 is unchanged.

Cattle price forecasts for 2021 are raised on the strength of recent prices; no change is made to the annual 2022 price. The 2021 hog price forecast is reduced on current price weakness, but the price forecast for 2022 is unchanged as tighter supplies during the year, relative to last month, are expected to help support prices. The broiler price forecast for 2021 is raised on slightly higher expected third-quarter prices; no change is made to the 2022 broiler price. Turkey price forecasts for

2021 and 2022 are raised on improving demand. The 2021 and 2022 egg price forecasts are reduced on current price weakness.

Milk production forecast for 2021 is lowered from last month as slower-expected growth in milk per cow more than offsets higher forecast cow numbers. However, the 2022 milk production forecast is raised from last month on higher cow numbers. USDA's *Cattle* report, to be released on July 23<sup>rd</sup>, will provide a mid-year estimate of the dairy cow inventory and producer intentions regarding retention of heifers for dairy cow replacement.

Imports on both fat and skim-solids bases are raised for 2021 and 2022 on stronger expected imports of cheese and butterfat containing products. Exports on a skim-solids basis are also raised for 2021 and 2022, reflecting stronger exports of whey, skim/nonfat dry milk powder, and lactose. Fat basis exports are unchanged from last month.

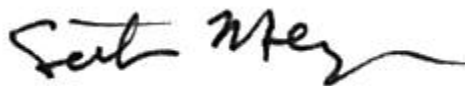
For 2021, cheese, butter, nonfat dry milk (NDM), and whey price forecasts are lowered from last month on relatively high stocks and weaker-than-previously-expected demand. As a result, Class III and Class IV prices are lowered. The 2021 all milk price forecast is lowered to \$18.30 per cwt. For 2022, price forecasts for cheese and butter are lowered on larger expected stocks and higher production, but price forecasts for NDM and whey are unchanged. With lower cheese and butter prices, Class III and Class IV price forecasts are reduced and the 2022 all milk price forecast is lowered to \$18.50 per cwt.

**COTTON:** The U.S. 2021/22 cotton projections show higher production, exports, and ending stocks compared with last month. While the June 30 *Acreage* report shows 300,000 fewer planted acres for U.S. cotton than NASS's previous survey, a rainfall-driven reduction in projected Texas abandonment means U.S. harvested area is projected 9 percent higher. While 2021/22 production is 800,000 bales higher, consumption is unchanged, and exports and ending stocks are each projected 400,000 bales higher. The upland cotton farm price for 2021/22 is unchanged, at 75 cents per pound, while the 2020/21 price is reduced one half cent to 66.5 cents per pound.

World 2021/22 ending stocks of cotton are projected 1.6 million bales lower than in June as largely offsetting changes in production and consumption do little to offset lower estimated beginning stocks. Beginning stocks are 1.5 million bales lower, largely due to reduced 2020/21 Brazilian and Indian production and higher Indian consumption. World production in 2021/22 is projected about 500,000 bales higher this month as a larger U.S. crop more than offsets a 300,000-bale decline for Pakistan. Consumption is slightly more than 600,000 bales higher largely due to an increase for India. World trade is projected 670,000 bales lower, with China's imports 1 million lower and Brazil's exports 1.1 million bales lower.

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

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

<b>World</b>		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2019/20	2675.41	3488.07	449.21	2674.97	813.10
	2020/21 (Est.)	2710.14	3523.24	481.50	2747.81	775.43
	2021/22 (Proj.)	2797.65	3579.29	496.57	2795.87	783.42
	Jun	2795.25	3570.68	498.87	2793.82	776.86
Wheat	2019/20	763.49	1047.60	194.97	748.29	299.32
	2020/21 (Est.)	775.82	1075.13	201.42	784.95	290.18
	2021/22 (Proj.)	794.44	1087.92	203.22	791.12	296.80
	Jun	792.40	1082.58	203.99	790.89	291.68
Coarse Grains 5/	2019/20	1414.18	1766.13	210.87	1430.19	335.94
	2020/21 (Est.)	1429.39	1765.33	231.02	1455.00	310.33
	2021/22 (Proj.)	1496.60	1808.42	246.38	1490.21	318.21
	Jun	1496.80	1807.13	247.76	1488.94	318.19
Rice, milled	2019/20	497.74	674.34	43.38	496.49	177.84
	2020/21 (Est.)	504.94	682.78	49.06	507.86	174.92
	2021/22 (Proj.)	506.62	682.94	46.97	514.54	168.41
	Jul	506.04	680.97	47.12	513.99	166.98
<b>United States</b>						
Total Grains 4/	2019/20	417.89	516.29	79.82	355.75	80.73
	2020/21 (Est.)	431.48	518.53	110.43	353.72	54.39
	2021/22 (Proj.)	454.30	516.96	98.71	358.91	59.34
	Jun	452.59	514.79	98.47	358.46	57.86
Wheat	2019/20	52.58	84.79	26.37	30.44	27.99
	2020/21 (Est.)	49.69	80.40	26.99	30.45	22.97
	2021/22 (Proj.)	51.66	78.24	24.49	32.80	20.95
	Jun	47.52	74.43	23.81	32.52	18.09
Coarse Grains 5/	2019/20	359.43	423.01	50.46	320.73	51.83
	2020/21 (Est.)	374.57	428.89	80.49	318.44	29.96
	2021/22 (Proj.)	396.17	429.73	71.42	321.16	37.15
	Jun	398.74	431.33	71.80	321.08	38.45
Rice, milled	2019/20	5.88	8.49	2.99	4.59	0.91
	2020/21 (Est.)	7.23	9.24	2.95	4.83	1.46
	2021/22 (Proj.)	6.46	8.99	2.79	4.95	1.24
	Jul	6.33	9.03	2.86	4.86	1.31

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



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

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks	
Total Grains 4/	2019/20	2,257.52	2,971.77	369.40	2,319.22	732.38	
	2020/21 (Est.)	2,278.66	3,004.71	371.07	2,394.10	721.05	
	2021/22 (Proj.)	Jun	2,343.36	3,062.33	397.87	2,436.96	724.08
		Jul	2,342.66	3,055.89	400.41	2,435.36	719.00
Wheat	2019/20	710.90	962.81	168.60	717.85	271.33	
	2020/21 (Est.)	726.12	994.73	174.43	754.50	267.21	
	2021/22 (Proj.)	Jun	742.78	1,009.68	178.73	758.33	275.85
		Jul	744.88	1,008.15	180.18	758.37	273.59
Coarse Grains 5/	2019/20	1,054.75	1,343.12	160.41	1,109.46	284.11	
	2020/21 (Est.)	1,054.82	1,336.44	150.53	1,136.56	280.37	
	2021/22 (Proj.)	Jun	1,100.43	1,378.69	174.96	1,169.05	281.06
		Jul	1,098.07	1,375.81	175.97	1,167.86	279.74
Rice, milled	2019/20	491.87	665.85	40.39	491.91	176.93	
	2020/21 (Est.)	497.71	673.54	46.11	503.03	173.46	
	2021/22 (Proj.)	Jun	500.15	673.96	44.18	509.58	167.17
		Jul	499.71	671.94	44.26	509.13	165.67

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

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

		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks	
World	2019/20	121.42	201.44	41.44	102.85	97.92	
	2020/21 (Est.)	112.56	210.48	48.00	118.60	91.57	
	2021/22 (Proj.)	Jun	118.87	211.92	46.59	122.54	89.30
		Jul	119.39	210.95	45.92	123.16	87.74
United States	2019/20	19.91	24.77	15.51	2.15	7.25	
	2020/21 (Est.)	14.61	21.86	16.40	2.30	3.15	
	2021/22 (Proj.)	Jun	17.00	20.15	14.80	2.50	2.90
		Jul	17.80	20.95	15.20	2.50	3.30
Foreign 4/	2019/20	101.50	176.67	25.93	100.70	90.67	
	2020/21 (Est.)	97.95	188.62	31.60	116.30	88.42	
	2021/22 (Proj.)	Jun	101.87	191.77	31.79	120.04	86.40
		Jul	101.59	190.00	30.72	120.66	84.44

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.

## WASDE - 614 - 10

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

World		Output	Total Supply	Trade	Total Use 2/	Ending Stocks	
Oilseeds	2019/20	580.69	714.72	190.66	507.94	113.07	
	2020/21 (Est.)	600.20	713.27	191.93	514.77	104.97	
	2021/22 (Proj.)	Jun	632.86	734.40	199.48	531.87	106.30
		Jul	635.41	740.38	199.92	533.84	108.61
Oilmeals	2019/20	345.88	363.48	95.34	341.83	15.97	
	2020/21 (Est.)	353.57	369.54	95.17	349.25	15.36	
	2021/22 (Proj.)	Jun	364.50	379.40	98.20	358.17	15.33
		Jul	365.54	380.91	98.93	357.99	16.48
Vegetable Oils	2019/20	207.43	231.87	86.78	203.14	25.05	
	2020/21 (Est.)	208.05	233.10	87.23	207.78	22.55	
	2021/22 (Proj.)	Jun	216.17	238.91	90.90	213.01	22.32
		Jul	216.96	239.51	91.37	213.34	22.47
<b>United States</b>							
Oilseeds	2019/20	106.98	134.74	46.97	63.04	15.96	
	2020/21 (Est.)	122.35	139.52	62.93	63.53	5.41	
	2021/22 (Proj.)	Jun	130.29	137.33	57.70	65.11	5.80
		Jul	130.46	137.57	57.69	64.88	5.89
Oilmeals	2019/20	48.76	53.31	12.83	40.09	0.39	
	2020/21 (Est.)	49.11	53.84	13.18	40.18	0.48	
	2021/22 (Proj.)	Jun	50.19	54.57	13.22	40.87	0.48
		Jul	50.07	54.50	13.22	40.75	0.53
Vegetable Oils	2019/20	12.64	18.71	1.50	16.00	1.21	
	2020/21 (Est.)	12.96	18.80	1.04	16.58	1.19	
	2021/22 (Proj.)	Jun	13.22	19.40	0.85	17.49	1.06
		Jul	13.13	19.30	0.85	17.41	1.04
<b>Foreign 3/</b>							
Oilseeds	2019/20	473.71	579.98	143.69	444.91	97.11	
	2020/21 (Est.)	477.85	573.75	129.01	451.24	99.56	
	2021/22 (Proj.)	Jun	502.57	597.06	141.77	466.76	100.50
		Jul	504.95	602.81	142.23	468.97	102.72
Oilmeals	2019/20	297.12	310.17	82.52	301.73	15.59	
	2020/21 (Est.)	304.46	315.70	81.99	309.07	14.88	
	2021/22 (Proj.)	Jun	314.30	324.83	84.98	317.30	14.85
		Jul	315.47	326.41	85.71	317.24	15.95
Vegetable Oils	2019/20	194.80	213.17	85.27	187.15	23.84	
	2020/21 (Est.)	195.10	214.30	86.20	191.21	21.36	
	2021/22 (Proj.)	Jun	202.95	219.51	90.05	195.52	21.26
		Jul	203.83	220.21	90.52	195.93	21.43

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.

## WASDE - 614 - 11

## U.S. Wheat Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj. Jun	2021/22 Proj. Jul
			<i>Million Acres</i>	
Area Planted	45.5	44.3	46.4 *	46.7
Area Harvested	37.4	36.7	37.4 *	38.1
			<i>Bushels</i>	
Yield per Harvested Acre	51.7	49.7	50.7 *	45.8
			<i>Million Bushels</i>	
Beginning Stocks	1,080	1,028	852	844
Production	1,932	1,826	1,898	1,746
Imports	104	100	125	145
Supply, Total	3,116	2,954	2,875	2,735
Food	962	960	963	963
Seed	60	61	62	62
Feed and Residual	96	98	180	170
Domestic, Total	1,118	1,119	1,205	1,195
Exports	969	992	900	875
Use, Total	2,087	2,110	2,105	2,070
Ending Stocks	1,028	844	770	665
Avg. Farm Price (\$/bu) 2/	4.58	5.05	6.50	6.60

## U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
				<i>Million Bushels</i>			
2020/21 (Est.)	Beginning Stocks	506	280	105	95	42	1,028
	Production	659	530	266	302	69	1,826
	Supply, Total 3/	1,169	857	376	404	148	2,954
	Domestic Use	401	338	222	65	92	1,119
	Exports	342	284	69	268	28	992
	Use, Total	743	622	291	334	121	2,110
	Ending Stocks, Total	426	235	85	70	28	844
2021/22 (Proj.)	Beginning Stocks	426	235	85	70	28	844
	Production	805	305	362	237	37	1,746
	Supply, Total 3/	1,236	610	452	312	125	2,735
	Domestic Use	507	271	237	91	90	1,195
	Exports	360	220	110	170	15	875
	Use, Total	867	491	347	261	105	2,070
	Ending Stocks, Total	369	119	105	51	20	665
	Jul	NA	NA	NA	NA	NA	NA
	Jun	NA	NA	NA	NA	NA	NA

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. \* For June, planted acres reported in the March 31, 2021, "Prospective Plantings." Winter wheat area harvested and yield reported in the June 10, 2021, "Crop Production." Area harvested and yield for other spring wheat and Durum are projected using 10-year harvested-to-planted ratios by state and 1985-2020 yield trends by state (except for Arizona and California Durum). For July, area planted, area harvested, yield, and production as reported in the July 12, 2021, "Crop Production."

## WASDE - 614 - 12

## U.S. Feed Grain and Corn Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj. Jun	2021/22 Proj. Jul
<b>FEED GRAINS</b>				
			<i>Million Acres</i>	
Area Planted	100.6	102.3	103.2 *	104.1 *
Area Harvested	89.1	90.7	92.6 *	93.0 *
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.03	4.13	4.28	4.28
			<i>Million Metric Tons</i>	
Beginning Stocks	60.5	51.8	30.9	29.9
Production	359.2	374.3	395.9	398.4
Imports	2.8	2.3	2.4	2.4
Supply, Total	422.4	428.3	429.2	430.7
Feed and Residual	154.3	149.1	148.1	148.5
Food, Seed & Industrial	165.9	168.8	172.5	172.0
Domestic, Total	320.2	317.9	320.6	320.5
Exports	50.4	80.5	71.4	71.8
Use, Total	370.6	398.4	392.0	392.3
Ending Stocks	51.8	29.9	37.1	38.4
<b>CORN</b>				
			<i>Million Acres</i>	
Area Planted	89.7	90.8	91.1 *	92.7 *
Area Harvested	81.3	82.5	83.5 *	84.5 *
			<i>Bushels</i>	
Yield per Harvested Acre	167.5	172.0	179.5 *	179.5 *
			<i>Million Bushels</i>	
Beginning Stocks	2,221	1,919	1,107	1,082
Production	13,620	14,182	14,990	15,165
Imports	42	25	25	25
Supply, Total	15,883	16,127	16,122	16,272
Feed and Residual	5,898	5,725	5,700	5,725
Food, Seed & Industrial 2/	6,288	6,470	6,615	6,615
Ethanol & by-products 3/	4,857	5,050	5,200	5,200
Domestic, Total	12,186	12,195	12,315	12,340
Exports	1,777	2,850	2,450	2,500
Use, Total	13,963	15,045	14,765	14,840
Ending Stocks	1,919	1,082	1,357	1,432
Avg. Farm Price (\$/bu) 4/	3.56	4.40	5.70	5.60

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at [www.ers.usda.gov/data-products/feed-grains-database.aspx](http://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 June, planted acres reported in the March 31, 2021, "Prospective Plantings." Harvested acres projected based on historical abandonment and use for silage. For July, corn planted and harvested area as reported in the June 30, 2021, "Acreage." The yield projection is based on a weather-adjusted trend assuming normal mid-May planting progress and summer growing season weather, estimated using the 1988-2020 time period, and includes a downward stochastic adjustment to account for the asymmetric response of yield to July precipitation.

## WASDE - 614 - 13

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

SORGHUM	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			Jun	Jul
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.3	5.9	6.9 *	6.5 *
Area Harvested (mil. acres)	4.7	5.1	6.2 *	5.8 *
Yield (bushels/acre)	73.0	73.2	68.9 *	69.0 *
Beginning Stocks	64	30	18	13
Production	341	373	427	399
Imports	0	0	0	0
Supply, Total	405	403	445	412
Feed and Residual	97	75	65	65
Food, Seed & Industrial	75	10	10	10
Total Domestic	172	85	75	75
Exports	203	305	350	320
Use, Total	375	390	425	395
Ending Stocks	30	13	20	17
Avg. Farm Price (\$/bu) 2/	3.34	5.15	6.10	6.00
<b>BARLEY</b>				
Area Planted (mil. acres)	2.8	2.6	2.6 *	2.6 *
Area Harvested (mil. acres)	2.2	2.1	2.1 *	2.0 *
Yield (bushels/acre)	77.7	77.5	76.7 *	55.9 *
Beginning Stocks	87	80	79	72
Production	172	165	161	114
Imports	7	7	7	7
Supply, Total	266	252	247	193
Feed and Residual	39	26	15	10
Food, Seed & Industrial	142	141	141	120
Total Domestic	180	167	156	130
Exports	6	14	12	6
Use, Total	186	180	168	136
Ending Stocks	80	72	79	57
Avg. Farm Price (\$/bu) 2/	4.69	4.75	5.95	5.95
<b>OATS</b>				
Area Planted (mil. acres)	2.8	3.0	2.5 *	2.4 *
Area Harvested (mil. acres)	0.8	1.0	0.8 *	0.7 *
Yield (bushels/acre)	64.3	65.1	66.3 *	57.2 *
Beginning Stocks	38	37	39	38
Production	53	65	53	41
Imports	92	85	95	92
Supply, Total	183	188	187	171
Feed and Residual	63	67	75	65
Food, Seed & Industrial	81	79	80	79
Total Domestic	144	146	155	144
Exports	2	3	2	2
Use, Total	146	150	157	146
Ending Stocks	37	38	30	25
Avg. Farm Price (\$/bu) 2/	2.82	2.77	3.60	3.60

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers. \* For June--Planted acres reported in the March 31, 2021, "Prospective Plantings." Harvested area for sorghum, barley and oats based on historical average harvested-to-planted ratios. For sorghum the yield is the median yield for 2001-2020. For barley and oats, projected yields are based on the 1991-2020 linear trends. Yields shown reflect production rounding. For July--Sorghum planted and harvested area as reported in the June 30, 2021, "Acreage." Sorghum yield is the median yield for 2001-2020. Barley and oats area planted, area harvested, yield, and production as reported in the July 12, 2021, "Crop Production."

## WASDE - 614 - 14

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

TOTAL RICE	2019/20	2020/21 Est.	2021/22 Proj. Jun	2021/22 Proj. Jul
		<i>Million Acres</i>		
Area Planted	2.55	3.04	2.71 *	2.66 *
Area Harvested	2.48	2.99	2.66 *	2.62 *
		<i>Pounds</i>		
Yield per Harvested Acre	7,473	7,619	7,651 *	7,620 *
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	44.9	28.7	40.9	45.9
Production	185.1	227.6	203.6	199.3
Imports	37.3	34.7	38.5	39.0
Supply, Total	267.3	290.9	283.0	284.3
Domestic & Residual 3/	144.4	152.0	156.0	153.0
Exports, Total 4/	94.2	93.0	88.0	90.0
Rough	31.3	36.0	33.0	35.0
Milled (rough equiv.)	62.9	57.0	55.0	55.0
Use, Total	238.6	245.0	244.0	243.0
Ending Stocks	28.7	45.9	39.0	41.3
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	13.60	13.80	14.20	14.40

**LONG-GRAIN RICE**

Harvested Acres (mil.)	1.73	2.30		
Yield (pounds/acre)	7,261	7,422		
Beginning Stocks	32.6	16.9	28.8	32.8
Imports	29.8	28.0	31.0	31.0
Production	125.6	170.9	152.3	152.3
Supply, Total 7/	188.0	215.8	212.1	216.1
Domestic & Residual 3/	106.3	118.0	121.0	120.0
Exports 8/	64.8	65.0	61.0	63.0
Use, Total	171.1	183.0	182.0	183.0
Ending Stocks	16.9	32.8	30.1	33.1
Avg. Farm Price (\$/cwt) 6/	12.00	12.50	12.80	12.80

**MEDIUM & SHORT-GRAIN RICE**

Harvested Acres (mil.)	0.75	0.69		
Yield (pounds/acre)	7,964	8,282		
Beginning Stocks	10.2	10.7	11.1	12.1
Imports	7.6	6.7	7.5	8.0
Production	59.5	56.7	51.3	47.0
Supply, Total 7/	78.3	74.1	69.9	67.1
Domestic & Residual 3/	38.2	34.0	35.0	33.0
Exports 8/	29.4	28.0	27.0	27.0
Use, Total	67.6	62.0	62.0	60.0
Ending Stocks	10.7	12.1	7.9	7.1
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.20	17.60	18.50	19.30
California 10/	21.60	19.70	21.00	22.00
Other States 1/	11.60	13.00	13.20	13.50

Note: Totals may not add due to rounding. 1/ Marketing year beginning August 1. 2/ Includes the following quantities of broken kernel rice (type undetermined) not included in estimates of ending stocks by type (in mil. cwt): 2017/18-1.4; 2018/19-2.1; 2019/20-1.0. 3/ Residual includes unreported use, processing losses, and estimating errors. Use by type may not add to total rice use because of the difference in brokens between beginning and ending stocks. 4/ Includes rough rice and milled rice exports. Milled rice exports are converted to an equivalent rough basis. 5/ Expressed as a percent, i.e., the total quantity of whole kernel and broken rice produced divided by the quantity of rough rice milled. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The California medium/short-grain season-average-farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ. 10/ Marketing year beginning October 1. \* For June--Planted acres reported in March 31, 2021, "Prospective Plantings." Harvested acres are estimated using long run harvested-to-planted ratios by rice class. For July--Planted and harvested area are reported in June 30, 2021 "Acreage" report. Projected yield is based on by-class trend analysis and planted area.

## WASDE - 614 - 15

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

SOYBEANS	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			Jun	Jul
		<i>Million Acres</i>		
Area Planted	76.1	83.1	87.6 *	87.6 **
Area Harvested	74.9	82.3	86.7 *	86.7 **
		<i>Bushels</i>		
Yield per Harvested Acre	47.4	50.2	50.8 *	50.8 **
		<i>Million Bushels</i>		
Beginning Stocks	909	525	135	135
Production	3,552	4,135	4,405	4,405
Imports	15	20	35	35
Supply, Total	4,476	4,680	4,575	4,575
Crushings	2,165	2,170	2,225	2,225
Exports	1,679	2,270	2,075	2,075
Seed	96	102	104	104
Residual	12	4	15	15
Use, Total	3,952	4,545	4,420	4,420
Ending Stocks	525	135	155	155
Avg. Farm Price (\$/bu) 2/	8.57	11.05	13.85	13.70
<b>SOYBEAN OIL</b>				
		<i>Million Pounds</i>		
Beginning Stocks	1,775	1,853	1,808	1,793
Production 4/	24,911	25,390	25,945	25,945
Imports	320	250	600	600
Supply, Total	27,006	27,493	28,353	28,338
Domestic Disappearance	22,317	23,925	25,400	25,400
Biofuel 3/	8,658	9,300	12,000	12,000
Food, Feed & other Industrial	13,659	14,625	13,400	13,400
Exports	2,837	1,775	1,450	1,450
Use, Total	25,154	25,700	26,850	26,850
Ending stocks	1,853	1,793	1,503	1,488
Avg. Price (c/lb) 2/	29.65	57.50	65.00	65.00
<b>SOYBEAN MEAL</b>				
		<i>Thousand Short Tons</i>		
Beginning Stocks	402	341	400	450
Production 4/	51,100	51,359	52,500	52,500
Imports	639	800	450	450
Supply, Total	52,142	52,500	53,350	53,400
Domestic Disappearance	37,967	37,800	38,600	38,600
Exports	13,834	14,250	14,300	14,300
Use, Total	51,801	52,050	52,900	52,900
Ending Stocks	341	450	450	500
Avg. Price (\$/s.t.) 2/	299.50	395.00	400.00	395.00

Note: Totals may not add due to rounding. Reliability calculations at end of report. 1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and soybean meal. 2/ Prices: soybeans, marketing year weighted average price received by farmers; oil, simple average of crude soybean oil, Decatur; meal, simple average of 48 percent protein, Decatur. 3/ Reflects soybean oil used for biofuels as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 2,170 million bushels for 2020/21 and 2,225 million bushels for 2021/22. \*Planted acres are reported in the March 31, 2021 Prospective Plantings report. Harvested acres are based on historical planted-to-harvested ratios. \*\*Planted and harvested acres are from the June 30, 2021 Acreage report. The projected yield is based on a weather-adjusted trend model.

## WASDE - 614 - 16

## U.S. Sugar Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			Jun	Jul
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,783	1,618	1,755	1,777
Production 2/	8,149	9,286	9,310	9,008
Beet Sugar	4,351	5,114	5,225	5,033
Cane Sugar	3,798	4,172	4,085	3,975
Florida	2,106	2,091	2,100	2,015
Louisiana	1,566	1,949	1,850	1,825
Texas	126	132	135	135
Imports	4,143	3,138	2,652	3,136
TRQ 3/	2,152	1,778	1,387	1,387
Other Program 4/	432	200	250	250
Other 5/	1,559	1,161	1,015	1,499
Mexico	1,376	981	965	1,449
Total Supply	14,074	14,042	13,717	13,921
Exports	61	35	35	35
Deliveries	12,322	12,230	12,230	12,230
Food	12,224	12,125	12,125	12,125
Other 6/	98	105	105	105
Miscellaneous	74	0	0	0
Total Use	12,457	12,265	12,265	12,265
Ending Stocks	1,618	1,777	1,452	1,656
Stocks to Use Ratio	13.0	14.5	11.8	13.5

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2020/21 and 2021/22 are based on Crop Production and/or processor projections/industry data and/or sugar ICEC analysis where appropriate. 3/ For 2020/21, WTO raw sugar TRQ shortfall (87) and for 2021/22 (99). 4/ Composed of sugar under the re-export and polyhydric alcohol programs. 5/ Imports from Mexico; and high-tier tariff sugar and syrups not otherwise specified -- for 2019/20 (183), 2020/21 (180), and 2021/22 (50). 6/ Transfers accompanying deliveries for sugar-containing products to be exported (SCP) and polyhydric alcohol manufacture (POLY), and deliveries for livestock feed and ethanol. Total refiner license transfers for SCP and POLY inclusive of WASDE-reported deliveries: 2019/20 -- 298; estimated 2020/21 -- 347; projected 2021/22 -- 358.

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

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks
		<i>1,000 Metric Tons, Actual Weight</i>					
<b>Sugar</b>	2020/21 Est.	858	5,700	105	4,378	1,374	910
	Jun	858	5,708	105	4,391	1,366	913
2021/22 Proj.	Jul	910	5,809	85	4,370	1,524	910
	Jun	913	5,809	85	4,383	1,511	913

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2019/20 = 1,388; Estimated 2020/21 = 1,325; Projected 2021/22 = 1,300. Estimated Oct-May 2020/21 = 879; Estimated Oct-May 2019/20 = 912. Footnote source for estimate: Comité Nacional para el Desarrollo Sustentable de la Cana de Azúcar. 2/Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2020/21 (428 est = 363 dom.+65 import); 2021/22 (428 proj = 363 dom.+65 import). Statistical Adjustments: 2020/21 (0), 2021/22 (0).



## WASDE - 614 - 17

## U.S. Cotton Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			Jun	Jul
Area				
			<i>Million Acres</i>	
Planted	13.74	12.09	12.04 *	11.72 **
Harvested	11.50	8.28	9.63 *	10.50 **
			<i>Pounds</i>	
Yield per Harvested Acre	831	847	847 *	814 **
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	4.85	7.25	3.15	3.15
Production	19.91	14.61	17.00	17.80
Imports	0.00	0.00	0.00	0.00
Supply, Total	24.77	21.86	20.15	20.95
Domestic Use	2.15	2.30	2.50	2.50
Exports, Total	15.51	16.40	14.80	15.20
Use, Total	17.66	18.70	17.30	17.70
Unaccounted 2/	-0.15	0.01	-0.05	-0.05
Ending Stocks	7.25	3.15	2.90	3.30
Avg. Farm Price 3/	59.6	66.5	75.0	75.0

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton. \*Planted area as reported in March 31, 2021 Prospective Plantings. Harvested area based on 10-year average abandonment by region, with the Southwest adjusted to reflect unfavorable moisture. Yield based on 10-year average yields by region. \*\*Planted area as reported in June 30, 2021 Acreage. Harvested area based on 10-year average abandonment by region, with the Southwest adjusted to reflect favorable moisture. Yield based on 10-year average yields by region, with the Southwest adjusted for current conditions.

## WASDE - 614 - 18

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

2019/20	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	284.12	763.49	187.83	139.44	748.29	194.97	299.32
World Less China	144.35	629.90	182.45	120.44	622.29	193.92	147.63
United States	29.39	52.58	2.83	2.63	30.44	26.37	27.99
Total Foreign	254.73	710.90	185.00	136.82	717.85	168.60	271.33
Major Exporters 4/	37.35	308.45	7.55	73.41	179.56	142.53	31.26
Argentina	1.74	19.78	0.01	0.05	6.30	13.50	1.72
Australia	4.44	14.48	0.89	4.50	8.00	9.14	2.68
Canada	6.04	32.67	0.68	4.16	9.26	24.63	5.50
European Union 5/	15.80	138.74	5.55	45.50	107.70	39.77	12.62
Russia	7.78	73.61	0.33	17.00	40.00	34.49	7.23
Ukraine	1.56	29.17	0.09	2.20	8.30	21.01	1.51
Major Importers 6/	181.69	202.53	122.17	37.09	297.79	13.20	195.39
Bangladesh	1.26	1.20	6.80	0.30	7.40	0.00	1.86
Brazil	1.06	5.20	7.20	0.50	12.10	0.42	0.94
China	139.77	133.59	5.38	19.00	126.00	1.05	151.68
Japan	1.08	1.10	5.68	0.65	6.37	0.29	1.20
N. Africa 7/	15.54	18.40	27.74	1.85	46.25	1.07	14.36
Nigeria	0.20	0.06	5.34	0.05	4.90	0.40	0.30
Sel. Mideast 8/	12.06	22.20	17.71	3.60	38.47	0.78	12.71
Southeast Asia 9/	5.95	0.00	26.45	7.94	25.35	1.13	5.91
Selected Other							
India	16.99	103.60	0.02	6.00	95.40	0.51	24.70
Kazakhstan	1.68	11.45	0.58	1.30	6.10	6.99	0.63
United Kingdom	1.91	15.60	1.74	7.84	14.99	1.62	2.64
<b>2020/21 Est.</b>							
World 3/	299.32	775.82	192.36	158.32	784.95	201.42	290.18
World Less China	147.63	641.57	181.86	118.32	634.95	200.62	144.55
United States	27.99	49.69	2.73	2.67	30.45	26.99	22.97
Total Foreign	271.33	726.12	189.63	155.66	754.50	174.43	267.21
Major Exporters 4/	31.26	322.53	6.93	73.35	180.30	147.00	33.42
Argentina	1.72	17.63	0.01	0.05	6.35	10.50	2.51
Australia	2.68	33.00	0.20	5.00	8.50	23.00	4.38
Canada	5.50	35.18	0.55	4.70	9.90	27.50	3.83
European Union 5/	12.62	125.94	5.60	42.00	104.35	30.75	9.07
Russia	7.23	85.35	0.45	19.00	42.50	38.50	12.03
Ukraine	1.51	25.42	0.13	2.60	8.70	16.75	1.60
Major Importers 6/	195.39	202.74	124.03	57.26	323.61	12.58	185.97
Bangladesh	1.86	1.18	6.70	0.35	7.75	0.00	1.99
Brazil	0.94	6.25	6.50	0.40	12.10	0.95	0.64
China	151.68	134.25	10.50	40.00	150.00	0.80	145.63
Japan	1.20	0.99	5.60	0.70	6.40	0.29	1.10
N. Africa 7/	14.36	16.60	29.10	1.75	47.10	1.00	11.96
Nigeria	0.30	0.06	6.00	0.05	5.15	0.50	0.70
Sel. Mideast 8/	12.71	22.18	18.00	3.59	39.21	0.52	13.16
Southeast Asia 9/	5.91	0.00	24.95	7.02	24.55	1.13	5.19
Selected Other							
India	24.70	107.86	0.03	6.50	103.09	2.40	27.10
Kazakhstan	0.63	14.26	0.60	1.40	6.25	8.00	1.24
United Kingdom	2.64	9.66	2.80	6.10	13.25	0.40	1.45

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

## WASDE - 614 - 19

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

<b>2021/22 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jun	293.48	794.44	199.46	160.73	791.12	203.22	296.80
	Jul	290.18	792.40	201.99	160.55	790.89	203.99	291.68
World Less China	Jun	147.85	658.44	189.46	125.73	643.12	202.22	154.17
	Jul	144.55	656.40	191.99	125.55	642.89	202.99	149.05
United States	Jun	23.18	51.66	3.40	4.90	32.80	24.49	20.95
	Jul	22.97	47.52	3.95	4.63	32.52	23.81	18.09
Total Foreign	Jun	270.31	742.78	196.06	155.83	758.33	178.73	275.85
	Jul	267.21	744.88	198.04	155.93	758.37	180.18	273.59
Major Exporters 4/	Jun	34.37	332.50	7.30	76.05	183.15	150.50	40.52
	Jul	33.42	333.70	7.30	76.05	183.15	152.00	39.27
Argentina	Jun	2.51	20.50	0.00	0.05	6.45	13.50	3.06
	Jul	2.51	20.50	0.00	0.05	6.45	13.50	3.06
Australia	Jun	5.38	27.00	0.20	4.50	8.00	20.00	4.58
	Jul	4.38	28.50	0.20	4.50	8.00	20.50	4.58
Canada	Jun	3.83	32.00	0.70	4.00	9.20	23.50	3.83
	Jul	3.83	31.50	0.70	4.00	9.20	23.00	3.83
European Union 5/	Jun	9.17	137.50	5.80	45.00	107.50	33.00	11.97
	Jul	9.07	138.20	5.80	45.50	108.00	34.00	11.07
Russia	Jun	12.03	86.00	0.50	19.50	43.00	40.00	15.53
	Jul	12.03	85.00	0.50	19.00	42.50	40.00	15.03
Ukraine	Jun	1.45	29.50	0.10	3.00	9.00	20.50	1.55
	Jul	1.60	30.00	0.10	3.00	9.00	21.00	1.70
Major Importers 6/	Jun	186.51	206.36	129.11	52.97	324.06	13.10	184.82
	Jul	185.97	206.46	129.71	53.27	325.01	13.10	184.04
Bangladesh	Jun	1.99	1.13	7.00	0.40	8.10	0.00	2.02
	Jul	1.99	1.13	7.00	0.40	8.10	0.00	2.02
Brazil	Jun	0.64	6.80	7.00	0.70	12.50	1.00	0.94
	Jul	0.64	6.90	7.00	0.70	12.50	1.00	1.04
China	Jun	145.63	136.00	10.00	35.00	148.00	1.00	142.63
	Jul	145.63	136.00	10.00	35.00	148.00	1.00	142.63
Japan	Jun	1.10	0.96	5.80	0.70	6.40	0.30	1.16
	Jul	1.10	0.96	5.80	0.70	6.40	0.30	1.16
N. Africa 7/	Jun	12.01	20.85	29.15	1.75	47.50	1.01	13.51
	Jul	11.96	20.85	29.15	1.75	47.75	1.01	13.21
Nigeria	Jun	0.40	0.06	5.20	0.05	4.85	0.40	0.41
	Jul	0.70	0.06	5.60	0.05	5.35	0.40	0.61
Sel. Mideast 8/	Jun	13.06	20.49	19.41	3.67	39.61	0.74	12.61
	Jul	13.16	20.49	19.31	3.67	39.51	0.74	12.71
Southeast Asia 9/	Jun	5.29	0.00	26.30	7.00	24.95	1.11	5.53
	Jul	5.19	0.00	26.60	7.30	25.25	1.11	5.43
Selected Other	Jun	27.10	108.00	0.03	7.00	105.00	2.50	27.63
	Jul	27.10	108.00	0.03	7.00	105.00	2.50	27.63
Kazakhstan	Jun	1.59	14.00	0.50	1.50	6.40	8.00	1.69
	Jul	1.24	13.00	0.50	1.30	6.15	7.50	1.09
United Kingdom	Jun	1.50	14.10	2.40	7.70	15.90	0.55	1.55
	Jul	1.45	14.80	2.00	7.70	15.90	0.70	1.65

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

## WASDE - 614 - 20

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

<b>2019/20</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	351.94	1,414.18	204.91	882.78	1,430.19	210.87	335.94
World Less China	141.55	1,145.98	187.41	681.96	1,135.12	210.83	134.96
United States	60.47	359.43	3.11	154.48	320.73	50.46	51.83
Total Foreign	291.47	1,054.75	201.80	728.29	1,109.46	160.41	284.11
Major Exporters 4/	19.62	307.86	4.58	134.33	179.24	128.59	24.23
Argentina	3.62	58.13	0.02	12.12	17.78	39.32	4.68
Australia	2.43	11.90	0.01	5.61	7.57	3.87	2.89
Brazil	5.67	105.82	2.31	61.71	72.84	35.23	5.72
Canada	3.29	28.61	1.92	17.23	24.93	4.91	3.98
Russia	1.22	40.50	0.18	22.29	31.39	8.63	1.87
Ukraine	2.04	46.55	0.03	8.89	11.89	34.08	2.65
Major Importers 5/	37.34	248.22	142.37	292.89	374.97	16.03	36.93
European Union 6/	14.51	152.73	19.42	119.65	158.63	13.65	14.38
Japan	1.75	0.23	17.63	13.91	17.87	0.00	1.74
Mexico	5.78	32.10	17.60	30.83	50.31	1.03	4.14
N. Afr & Mideast 7/	7.39	33.22	41.65	64.93	73.40	0.74	8.12
Saudi Arabia	1.70	0.20	11.22	11.05	11.40	0.00	1.72
Southeast Asia 8/	3.38	29.40	18.20	38.50	46.55	0.61	3.82
South Korea	1.86	0.28	11.98	9.55	12.09	0.00	2.02
Selected Other							
China	210.40	268.20	17.50	200.82	295.07	0.04	200.98
<b>2020/21 Est.</b>							
World 3/	335.94	1,429.39	227.64	905.42	1,455.00	231.02	310.33
World Less China	134.96	1,161.34	183.59	683.82	1,141.02	230.99	111.26
United States	51.83	374.57	2.50	149.26	318.44	80.49	29.96
Total Foreign	284.11	1,054.82	225.15	756.15	1,136.56	150.53	280.37
Major Exporters 4/	24.23	298.86	6.33	137.07	182.53	122.53	24.37
Argentina	4.68	56.99	0.01	12.91	18.58	39.81	3.29
Australia	2.89	16.45	0.00	6.10	8.17	7.60	3.57
Brazil	5.72	96.96	4.20	62.02	73.16	28.03	5.71
Canada	3.98	29.64	1.96	16.64	24.12	7.46	4.01
Russia	1.87	41.40	0.09	22.37	31.94	9.05	2.37
Ukraine	2.65	39.59	0.03	9.95	13.11	27.38	1.77
Major Importers 5/	36.93	249.68	134.82	290.83	372.89	13.39	35.15
European Union 6/	14.38	153.13	12.70	116.65	155.65	11.10	13.46
Japan	1.74	0.23	16.97	13.37	17.25	0.00	1.69
Mexico	4.14	31.86	17.04	29.86	49.25	0.73	3.06
N. Afr & Mideast 7/	8.12	33.57	38.36	63.39	71.70	0.70	7.65
Saudi Arabia	1.72	0.19	11.21	11.15	11.51	0.00	1.62
Southeast Asia 8/	3.82	30.40	22.45	42.74	51.10	0.86	4.71
South Korea	2.02	0.22	11.61	9.15	11.66	0.00	2.19
Selected Other							
China	200.98	268.05	44.05	221.60	313.98	0.03	199.07

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

## WASDE - 614 - 21

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

<b>2021/22 Proj.</b>		<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Domestic Feed</b>	<b>Domestic Total 2/</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 3/	Jun	311.82	1,496.60	237.04	926.30	1,490.21	246.38	318.21
	Jul	310.33	1,496.80	235.47	923.12	1,488.94	247.76	318.19
World Less China	Jun	112.79	1,221.17	190.14	696.85	1,167.96	246.33	119.16
	Jul	111.26	1,221.38	188.77	693.77	1,166.79	247.71	119.20
United States	Jun	30.88	396.17	2.68	148.30	321.16	71.42	37.15
	Jul	29.96	398.74	2.63	148.68	321.08	71.80	38.45
Total Foreign	Jun	280.94	1,100.43	234.36	778.00	1,169.05	174.96	281.06
	Jul	280.37	1,098.07	232.85	774.44	1,167.86	175.97	279.74
Major Exporters 4/	Jun	24.75	334.34	4.66	142.48	189.48	146.62	27.65
	Jul	24.37	333.67	4.62	140.91	187.63	148.12	26.91
Argentina	Jun	3.39	60.78	0.01	13.08	18.85	41.51	3.82
	Jul	3.29	60.78	0.01	12.98	18.65	41.71	3.72
Australia	Jun	3.77	13.45	0.00	6.76	8.82	5.88	2.53
	Jul	3.57	14.20	0.00	6.61	8.67	6.88	2.22
Brazil	Jun	5.71	122.02	2.40	65.59	77.73	43.03	9.38
	Jul	5.71	122.02	2.40	65.59	77.73	43.03	9.38
Canada	Jun	4.01	30.87	2.11	17.86	25.36	7.80	3.83
	Jul	4.01	29.25	2.02	16.54	23.94	7.70	3.64
Russia	Jun	2.45	41.55	0.08	22.95	32.65	9.45	1.97
	Jul	2.37	41.65	0.10	22.95	32.55	9.75	1.82
Ukraine	Jun	1.77	47.96	0.03	8.85	12.01	35.75	2.00
	Jul	1.77	48.06	0.03	8.85	12.01	35.85	2.00
Major Importers 5/	Jun	35.24	249.93	143.42	298.01	380.77	14.11	33.71
	Jul	35.15	248.73	141.87	296.09	378.72	13.61	33.42
European Union 6/	Jun	13.46	154.60	17.42	120.30	159.43	11.95	14.11
	Jul	13.46	153.40	16.42	118.80	157.83	11.65	13.81
Japan	Jun	1.69	0.20	17.54	13.88	17.82	0.00	1.61
	Jul	1.69	0.20	17.54	13.88	17.82	0.00	1.61
Mexico	Jun	3.06	33.75	17.60	30.49	49.99	0.90	3.52
	Jul	3.06	33.75	17.55	30.66	50.14	0.70	3.52
N. Afr & Mideast 7/	Jun	7.75	30.97	42.51	65.57	74.24	0.42	6.57
	Jul	7.65	30.97	41.51	64.47	73.14	0.42	6.58
Saudi Arabia	Jun	1.62	0.20	11.51	11.36	11.71	0.00	1.62
	Jul	1.62	0.20	11.51	11.36	11.71	0.00	1.62
Southeast Asia 8/	Jun	4.71	29.91	20.55	42.45	50.85	0.85	3.48
	Jul	4.71	29.91	21.05	42.95	51.35	0.85	3.48
South Korea	Jun	2.19	0.22	11.81	9.55	12.06	0.00	2.17
	Jul	2.19	0.22	11.81	9.55	12.06	0.00	2.17
Selected Other								
China	Jun	199.03	275.43	46.90	229.45	322.25	0.05	199.05
	Jul	199.07	275.43	46.70	229.35	322.15	0.05	198.99

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

## WASDE - 614 - 22

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

<b>2019/20</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	322.56	1,117.56	167.59	715.75	1,134.66	172.41	305.46
World Less China	112.40	856.78	160.00	522.75	856.66	172.39	104.93
United States	56.41	345.96	1.06	149.82	309.55	45.13	48.76
Total Foreign	266.15	771.60	166.53	565.93	825.11	127.27	256.70
Major Exporters 4/	9.97	219.01	1.73	88.40	110.40	107.03	13.27
Argentina	2.37	51.00	0.00	9.50	13.50	36.25	3.62
Brazil	5.31	102.00	1.65	58.50	68.50	35.23	5.23
Russia	0.38	14.28	0.05	8.80	9.80	4.07	0.83
South Africa	1.02	15.84	0.00	6.40	12.20	2.55	2.12
Ukraine	0.89	35.89	0.03	5.20	6.40	28.93	1.48
Major Importers 5/	22.24	129.30	93.95	163.05	217.45	7.04	21.01
Egypt	1.81	6.40	10.43	14.40	16.90	0.01	1.73
European Union 6/	7.64	66.74	17.38	59.00	78.80	5.39	7.58
Japan	1.45	0.00	15.89	12.40	15.95	0.00	1.39
Mexico	5.16	26.66	16.53	25.60	43.80	1.03	3.52
Southeast Asia 7/	3.37	29.35	17.26	37.70	45.55	0.61	3.81
South Korea	1.84	0.08	11.88	9.50	11.80	0.00	2.00
Selected Other							0.00
Canada	1.98	13.40	1.84	8.64	13.96	0.71	2.56
China	210.16	260.78	7.60	193.00	278.00	0.01	200.53
<b>2020/21 Est.</b>							
World 3/	305.46	1,120.65	182.16	727.33	1,146.25	183.10	279.86
World Less China	104.93	859.98	156.16	521.33	857.25	183.08	81.68
United States	48.76	360.25	0.64	145.42	309.77	72.39	27.48
Total Foreign	256.70	760.39	181.53	581.91	836.48	110.70	252.37
Major Exporters 4/	13.27	202.67	3.56	92.30	114.40	92.80	12.30
Argentina	3.62	48.50	0.01	10.50	14.50	35.50	2.12
Brazil	5.23	93.00	3.50	58.50	68.50	28.00	5.23
Russia	0.83	13.87	0.04	9.60	10.70	3.10	0.94
South Africa	2.12	17.00	0.00	7.00	12.80	3.20	3.12
Ukraine	1.48	30.30	0.02	6.70	7.90	23.00	0.89
Major Importers 5/	21.01	127.88	89.80	159.10	213.70	4.87	20.12
Egypt	1.73	6.40	10.30	14.40	16.90	0.01	1.52
European Union 6/	7.58	63.98	11.20	52.70	72.50	3.30	6.95
Japan	1.39	0.00	15.40	11.90	15.40	0.00	1.39
Mexico	3.52	27.00	16.50	25.50	43.70	0.70	2.62
Southeast Asia 7/	3.81	30.35	20.50	41.00	49.10	0.86	4.70
South Korea	2.00	0.08	11.50	9.10	11.40	0.00	2.18
Selected Other							0.00
Canada	2.56	13.56	1.70	8.80	14.00	1.50	2.32
China	200.53	260.67	26.00	206.00	289.00	0.02	198.18

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

## WASDE - 614 - 23

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

<b>2021/22 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jun	280.60	1,189.85	189.51	748.27	1,181.04	197.47	289.41
	Jul	279.86	1,194.80	187.66	747.59	1,183.47	198.84	291.18
World Less China	Jun	82.42	921.85	163.51	537.27	887.04	197.45	91.26
	Jul	81.68	926.80	161.66	536.59	889.47	198.82	93.03
United States	Jun	28.12	380.76	0.64	144.79	312.82	62.23	34.47
	Jul	27.48	385.21	0.64	145.42	313.45	63.50	36.37
Total Foreign	Jun	252.48	809.09	188.87	603.49	868.22	135.24	254.95
	Jul	252.37	809.59	187.02	602.17	870.02	135.34	254.81
Major Exporters 4/	Jun	12.30	238.40	1.77	95.30	118.70	116.80	16.97
	Jul	12.30	238.90	1.77	95.50	118.90	117.10	16.97
Argentina	Jun	2.12	51.00	0.01	10.50	14.50	36.00	2.63
	Jul	2.12	51.00	0.01	10.50	14.50	36.00	2.63
Brazil	Jun	5.23	118.00	1.70	62.00	73.00	43.00	8.93
	Jul	5.23	118.00	1.70	62.00	73.00	43.00	8.93
Russia	Jun	0.94	14.90	0.05	9.90	11.10	4.10	0.69
	Jul	0.94	15.40	0.05	10.10	11.30	4.40	0.69
South Africa	Jun	3.12	17.00	0.00	7.30	13.30	3.20	3.62
	Jul	3.12	17.00	0.00	7.30	13.30	3.20	3.62
Ukraine	Jun	0.89	37.50	0.02	5.60	6.80	30.50	1.11
	Jul	0.89	37.50	0.02	5.60	6.80	30.50	1.11
Major Importers 5/	Jun	20.12	131.12	94.90	165.80	220.70	6.05	19.39
	Jul	20.12	131.12	93.90	165.00	219.90	5.85	19.39
Egypt	Jun	1.52	6.40	10.40	14.40	16.90	0.01	1.42
	Jul	1.52	6.40	10.40	14.40	16.90	0.01	1.42
European Union 6/	Jun	6.95	66.70	16.00	58.00	77.90	4.30	7.45
	Jul	6.95	66.70	15.00	57.00	76.90	4.30	7.45
Japan	Jun	1.39	0.00	15.90	12.40	15.95	0.00	1.34
	Jul	1.39	0.00	15.90	12.40	15.95	0.00	1.34
Mexico	Jun	2.62	28.00	17.00	25.60	43.80	0.90	2.92
	Jul	2.62	28.00	17.00	25.80	44.00	0.70	2.92
Southeast Asia 7/	Jun	4.70	29.86	19.50	41.50	49.75	0.85	3.47
	Jul	4.70	29.86	19.50	41.50	49.75	0.85	3.47
South Korea	Jun	2.18	0.08	11.70	9.50	11.80	0.00	2.15
	Jul	2.18	0.08	11.70	9.50	11.80	0.00	2.15
Selected Other								
Canada	Jun	2.32	13.30	2.00	9.30	14.50	1.00	2.12
	Jul	2.32	13.30	2.00	9.30	14.50	1.00	2.12
China	Jun	198.18	268.00	26.00	211.00	294.00	0.02	198.16
	Jul	198.18	268.00	26.00	211.00	294.00	0.02	198.16

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

## WASDE - 614 - 24

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

<b>2019/20</b>	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	176.59	497.74	42.30	496.49	43.38	177.84
World Less China	61.59	351.01	39.70	351.26	40.78	61.34
United States	1.42	5.88	1.19	4.59	2.99	0.91
Total Foreign	175.17	491.87	41.12	491.91	40.39	176.93
Major Exporters 4/	36.67	183.69	0.65	153.33	30.48	37.20
Burma	1.06	12.65	0.00	10.40	2.30	1.01
India	29.50	118.87	0.00	105.98	12.49	29.90
Pakistan	0.93	7.41	0.00	3.40	3.82	1.13
Thailand	4.08	17.66	0.25	12.30	5.71	3.98
Vietnam	1.10	27.10	0.40	21.25	6.17	1.18
Major Importers 5/	127.82	239.80	13.97	249.65	3.18	128.75
China	115.00	146.73	2.60	145.23	2.60	116.50
European Union 6/	1.19	1.99	2.00	3.39	0.53	1.26
Indonesia	4.06	34.70	0.55	36.00	0.00	3.31
Nigeria	1.22	5.04	1.40	6.85	0.00	0.81
Philippines	3.52	11.93	2.45	14.30	0.00	3.60
Sel. Mideast 7/	0.89	2.34	3.97	5.98	0.00	1.22
Selected Other						0.00
Brazil	0.25	7.60	0.87	7.30	1.22	0.21
C. Amer & Carib 8/	0.58	1.59	1.86	3.39	0.04	0.61
Egypt	0.95	4.30	0.30	4.30	0.02	1.23
Japan	2.05	7.61	0.71	8.35	0.03	1.98
Mexico	0.15	0.18	0.80	0.94	0.02	0.18
South Korea	1.09	3.74	0.45	4.10	0.06	1.14

**2020/21 Est.**

World 3/	177.84	504.94	44.99	507.86	49.06	174.92
World Less China	61.34	356.64	41.39	357.46	46.66	59.32
United States	0.91	7.23	1.10	4.83	2.95	1.46
Total Foreign	176.93	497.71	43.89	503.03	46.11	173.46
Major Exporters 4/	37.20	188.71	0.90	155.05	37.20	34.56
Burma	1.01	12.60	0.00	10.55	1.90	1.16
India	29.90	122.00	0.00	107.00	19.00	25.90
Pakistan	1.13	8.18	0.00	3.55	4.20	1.56
Thailand	3.98	18.83	0.20	12.70	5.80	4.51
Vietnam	1.18	27.10	0.70	21.25	6.30	1.43
Major Importers 5/	128.75	240.61	16.42	255.30	2.92	127.56
China	116.50	148.30	3.60	150.40	2.40	115.60
European Union 6/	1.26	1.95	1.95	3.45	0.50	1.21
Indonesia	3.31	35.20	0.70	35.80	0.00	3.41
Nigeria	0.81	4.89	1.90	6.90	0.00	0.70
Philippines	3.60	12.40	2.10	14.45	0.00	3.65
Sel. Mideast 7/	1.22	2.31	3.60	6.10	0.00	1.02
Selected Other						0.00
Brazil	0.21	7.91	0.70	7.40	0.90	0.51
C. Amer & Carib 8/	0.61	1.61	1.92	3.48	0.03	0.62
Egypt	1.23	4.00	0.25	4.30	0.02	1.16
Japan	1.98	7.57	0.69	8.25	0.08	1.90
Mexico	0.18	0.21	0.80	0.96	0.01	0.22
South Korea	1.14	3.51	0.45	4.00	0.06	1.04

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



## WASDE - 614 - 25

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

<b>2021/22 Proj.</b>		<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Total /2 Domestic</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 3/	Jun	176.33	506.62	44.69	514.54	46.97	168.41
	Jul	174.92	506.04	45.39	513.99	47.12	166.98
World Less China	Jun	60.73	357.62	41.79	358.54	44.57	59.31
	Jul	59.32	357.04	42.19	357.99	44.72	57.58
United States	Jun	1.30	6.46	1.22	4.95	2.79	1.24
	Jul	1.46	6.33	1.24	4.86	2.86	1.31
Total Foreign	Jun	175.03	500.15	43.47	509.59	44.18	167.17
	Jul	173.46	499.71	44.15	509.13	44.26	165.67
Major Exporters 4/	Jun	36.36	188.40	0.70	156.45	34.70	34.32
	Jul	34.56	188.40	0.70	156.55	34.70	32.42
Burma	Jun	1.16	12.80	0.00	10.65	2.10	1.22
	Jul	1.16	12.80	0.00	10.65	2.10	1.22
India	Jun	27.90	121.00	0.00	108.00	15.50	25.40
	Jul	25.90	121.00	0.00	108.00	15.50	23.40
Pakistan	Jun	1.56	8.20	0.00	3.70	4.30	1.76
	Jul	1.56	8.20	0.00	3.70	4.30	1.76
Thailand	Jun	4.51	19.50	0.20	12.90	6.50	4.81
	Jul	4.51	19.50	0.20	12.90	6.50	4.81
Vietnam	Jun	1.23	26.90	0.50	21.20	6.30	1.13
	Jul	1.43	26.90	0.50	21.30	6.30	1.23
Major Importers 5/	Jun	127.35	242.37	15.50	261.06	2.97	121.18
	Jul	127.56	242.27	15.80	261.06	2.97	121.60
China	Jun	115.60	149.00	2.90	156.00	2.40	109.10
	Jul	115.60	149.00	3.20	156.00	2.40	109.40
European Union 6/	Jun	1.22	1.99	2.10	3.50	0.55	1.26
	Jul	1.21	1.89	2.10	3.50	0.55	1.15
Indonesia	Jun	3.41	35.30	0.60	35.60	0.00	3.71
	Jul	3.41	35.30	0.60	35.60	0.00	3.71
Nigeria	Jun	0.65	5.00	2.00	6.95	0.00	0.70
	Jul	0.70	5.00	2.00	6.95	0.00	0.75
Philippines	Jun	3.65	12.30	2.10	14.50	0.00	3.55
	Jul	3.65	12.30	2.10	14.50	0.00	3.55
Sel. Mideast 7/	Jun	1.02	2.25	3.85	6.11	0.00	1.01
	Jul	1.02	2.25	3.85	6.11	0.00	1.01
Selected Other							
Brazil	Jun	0.42	7.82	0.70	7.45	1.00	0.49
	Jul	0.51	7.96	0.70	7.50	1.05	0.62
C. Amer & Carib 8/	Jun	0.66	1.67	1.93	3.51	0.02	0.72
	Jul	0.62	1.67	1.93	3.51	0.02	0.68
Egypt	Jun	1.16	4.00	0.20	4.35	0.02	0.99
	Jul	1.16	3.45	0.60	4.30	0.02	0.89
Japan	Jun	1.90	7.58	0.69	8.20	0.07	1.90
	Jul	1.90	7.58	0.69	8.20	0.07	1.90
Mexico	Jun	0.22	0.22	0.80	0.97	0.01	0.26
	Jul	0.22	0.22	0.80	0.97	0.01	0.26
South Korea	Jun	1.04	3.77	0.41	3.90	0.06	1.26
	Jul	1.04	3.77	0.41	3.90	0.06	1.26

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports.

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

## WASDE - 614 - 26

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

<b>2019/20</b>	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	80.02	121.42	40.74	102.85	41.44	-0.03	97.92
World Less China	44.35	94.17	33.60	69.85	41.28	-0.03	61.02
United States	4.85	19.91	3/	2.15	15.51	-0.15	7.25
Total Foreign	75.17	101.50	40.74	100.70	25.93	0.12	90.67
Major Exporters 4/	28.33	57.83	2.92	28.19	21.43	0.02	39.43
Central Asia 5/	2.28	5.96	3/	3.93	1.78	0.00	2.53
Afr. Fr. Zone 6/	1.41	5.91	3/	0.14	4.89	0.00	2.29
S. Hemis. 7/	15.32	16.71	0.14	3.56	11.31	0.01	17.28
Australia	1.57	0.63	3/	0.04	1.36	0.00	0.80
Brazil	12.26	13.78	0.01	2.70	8.94	0.00	14.40
India	9.00	28.80	2.28	20.00	3.20	0.00	16.88
Major Importers 8/	44.87	40.62	35.44	68.85	3.19	0.10	48.79
Mexico	0.69	1.57	0.59	1.48	0.66	0.03	0.69
China	35.67	27.25	7.14	33.00	0.16	0.00	36.90
European Union 9/	0.22	2.00	0.58	0.60	1.82	0.02	0.35
Turkey	1.69	3.45	4.67	6.60	0.45	0.00	2.77
Pakistan	2.50	6.20	3.98	9.20	0.06	0.03	3.39
Indonesia	0.53	3/	2.51	2.40	0.00	0.00	0.64
Thailand	0.20	3/	0.70	0.78	0.00	0.02	0.10
Bangladesh	1.78	0.14	7.50	6.90	0.00	0.01	2.52
Vietnam	1.23	3/	6.48	6.60	0.00	0.00	1.11
<b>2020/21 Est.</b>							
World	97.92	112.56	47.82	118.60	48.00	0.13	91.57
World Less China	61.02	83.06	35.32	78.60	47.98	0.13	52.69
United States	7.25	14.61	3/	2.30	16.40	0.01	3.15
Total Foreign	90.67	97.95	47.82	116.30	31.60	0.12	88.42
Major Exporters 4/	39.43	55.08	1.56	32.83	27.20	0.02	36.01
Central Asia 5/	2.53	5.75	3/	4.17	1.80	0.00	2.31
Afr. Fr. Zone 6/	2.29	4.87	3/	0.14	4.98	0.00	2.04
S. Hemis. 7/	17.28	15.81	0.16	3.91	13.75	0.01	15.58
Australia	0.80	2.80	3/	0.04	1.40	0.00	2.17
Brazil	14.40	10.75	0.03	3.00	11.10	0.00	11.08
India	16.88	28.30	0.80	24.00	6.10	0.00	15.88
Major Importers 8/	48.79	39.75	43.93	79.67	2.96	0.10	49.74
Mexico	0.69	1.02	0.88	1.65	0.50	0.03	0.41
China	36.90	29.50	12.50	40.00	0.03	0.00	38.87
European Union 9/	0.35	1.68	0.56	0.61	1.81	0.01	0.16
Turkey	2.77	2.90	5.25	7.70	0.55	0.00	2.67
Pakistan	3.39	4.50	5.30	10.30	0.03	0.03	2.84
Indonesia	0.64	3/	2.25	2.40	0.01	0.00	0.49
Thailand	0.10	3/	0.55	0.53	0.00	0.03	0.10
Bangladesh	2.52	0.15	8.25	8.10	0.00	0.01	2.80
Vietnam	1.11	3/	7.35	7.30	0.00	0.00	1.16

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.

## WASDE - 614 - 27

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

<b>2021/22 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Jun	93.05	118.87	46.59	122.54	46.59	0.08	89.30
	Jul	91.57	119.39	45.92	123.16	45.92	0.06	87.74
World Less China	Jun	54.18	92.12	35.59	81.54	46.54	0.08	53.73
	Jul	52.69	92.64	35.92	82.16	45.87	0.06	53.16
United States	Jun	3.15	17.00	3/	2.50	14.80	-0.05	2.90
	Jul	3.15	17.80	3/	2.50	15.20	-0.05	3.30
Total Foreign	Jun	89.90	101.87	46.59	120.04	31.79	0.13	86.40
	Jul	88.42	101.59	45.91	120.66	30.72	0.11	84.44
Major Exporters 4/	Jun	37.54	60.30	1.74	34.11	27.61	0.02	37.83
	Jul	36.01	60.32	1.74	34.61	26.49	0.02	36.95
Central Asia 5/	Jun	2.34	5.63	3/	4.28	1.49	0.00	2.20
	Jul	2.31	5.63	3/	4.28	1.49	0.00	2.17
Afr. Fr. Zone 6/	Jun	2.04	5.87	3/	0.14	5.80	0.00	1.97
	Jul	2.04	5.87	3/	0.14	5.80	0.00	1.97
S. Hemis. 7/	Jun	16.18	19.40	0.16	4.08	13.95	0.01	17.70
	Jul	15.58	19.40	0.16	4.08	12.80	0.01	18.25
Australia	Jun	2.17	3.90	3/	0.04	3.40	0.00	2.63
	Jul	2.17	3.90	3/	0.04	3.30	0.00	2.73
Brazil	Jun	11.68	13.25	0.03	3.10	9.25	0.00	12.60
	Jul	11.08	13.25	0.03	3.10	8.20	0.00	13.05
India	Jun	16.78	29.00	1.00	25.00	6.00	0.00	15.78
	Jul	15.88	29.00	1.00	25.50	6.00	0.00	14.38
Major Importers 8/	Jun	49.70	38.45	42.43	82.04	2.52	0.11	45.90
	Jul	49.74	38.15	41.73	82.14	2.58	0.09	44.82
Mexico	Jun	0.41	1.05	0.90	1.70	0.25	0.03	0.39
	Jul	0.41	1.05	0.90	1.70	0.25	0.03	0.39
China	Jun	38.87	26.75	11.00	41.00	0.05	0.00	35.57
	Jul	38.87	26.75	10.00	41.00	0.05	0.00	34.57
European Union 9/	Jun	0.23	1.80	0.60	0.64	1.71	0.03	0.26
	Jul	0.16	1.80	0.59	0.64	1.76	0.00	0.15
Turkey	Jun	2.59	3.40	5.20	8.20	0.45	0.00	2.54
	Jul	2.67	3.40	5.20	8.20	0.45	0.00	2.62
Pakistan	Jun	2.84	5.30	5.00	10.50	0.05	0.03	2.57
	Jul	2.84	5.00	5.30	10.50	0.05	0.03	2.57
Indonesia	Jun	0.49	3/	2.50	2.50	0.01	0.00	0.49
	Jul	0.49	3/	2.50	2.50	0.01	0.00	0.49
Thailand	Jun	0.10	3/	0.58	0.55	0.00	0.03	0.11
	Jul	0.10	3/	0.58	0.55	0.00	0.03	0.11
Bangladesh	Jun	2.80	0.15	8.00	8.40	0.00	0.01	2.54
	Jul	2.80	0.15	8.00	8.40	0.00	0.01	2.54
Vietnam	Jun	1.11	3/	7.60	7.50	0.00	0.00	1.22
	Jul	1.16	3/	7.60	7.60	0.00	0.00	1.17

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.

## WASDE - 614 - 28

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

<b>2019/20</b>		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		114.61	339.41	164.97	311.49	357.40	165.06	96.53
World Less China		95.16	321.31	66.44	219.99	248.20	164.97	69.74
United States		24.74	96.67	0.42	58.91	61.85	45.70	14.28
Total Foreign		89.87	242.74	164.55	252.58	295.55	119.36	82.26
Major Exporters 3/		62.44	189.39	5.45	88.35	98.40	110.68	48.20
Argentina		28.89	48.80	4.88	38.77	45.87	10.00	26.70
Brazil		32.47	128.50	0.55	46.00	48.65	92.14	20.74
Paraguay		1.06	10.10	0.01	3.50	3.80	6.62	0.75
Major Importers 4/		22.07	21.76	131.86	120.06	145.90	0.34	29.45
China		19.46	18.10	98.53	91.50	109.20	0.09	26.80
European Union		1.52	2.62	14.95	15.60	17.32	0.23	1.54
Southeast Asia		0.74	0.60	9.31	4.50	9.79	0.02	0.83
Mexico		0.18	0.24	5.75	6.00	6.05	0.00	0.11
<b>2020/21 Est.</b>								
World 2/		96.53	363.57	165.79	321.97	368.92	165.49	91.49
World Less China		69.74	343.97	67.79	225.97	254.42	165.39	61.70
United States		14.28	112.55	0.54	59.06	61.93	61.78	3.66
Total Foreign		82.26	251.03	165.25	262.92	306.99	103.71	87.83
Major Exporters 3/		48.20	195.53	5.72	91.63	101.78	95.36	52.30
Argentina		26.70	46.50	4.70	41.50	48.70	3.70	25.50
Brazil		20.74	137.00	1.00	46.75	49.40	83.00	26.34
Paraguay		0.75	9.90	0.01	3.30	3.60	6.60	0.46
Major Importers 4/		29.45	23.24	131.92	125.56	152.31	0.35	31.95
China		26.80	19.60	98.00	96.00	114.50	0.10	29.80
European Union		1.54	2.58	15.00	16.20	17.92	0.23	0.97
Southeast Asia		0.83	0.58	9.67	4.81	10.19	0.02	0.87
Mexico		0.11	0.25	6.00	6.20	6.25	0.00	0.10
<b>2021/22 Proj.</b>								
World 2/	Jun	88.00	385.52	172.71	331.69	380.78	172.90	92.55
	Jul	91.49	385.22	171.71	332.04	381.09	172.85	94.49
World Less China	Jun	56.20	366.52	69.71	231.69	261.08	172.80	58.56
	Jul	61.70	366.22	69.71	232.04	261.39	172.75	63.49
United States	Jun	3.66	119.88	0.95	60.56	63.81	56.47	4.22
	Jul	3.66	119.88	0.95	60.56	63.81	56.47	4.22
Total Foreign	Jun	84.34	265.64	171.76	271.14	316.97	116.43	88.33
	Jul	87.83	265.34	170.76	271.49	317.28	116.38	90.27
Major Exporters 3/	Jun	46.85	209.10	5.37	94.03	104.33	108.38	48.61
	Jul	52.30	209.10	5.37	94.53	104.83	108.38	53.56
Argentina	Jun	23.35	52.00	4.70	42.50	49.85	6.35	23.85
	Jul	25.50	52.00	4.70	43.00	50.35	6.35	25.50
Brazil	Jun	23.04	144.00	0.65	47.70	50.35	93.00	24.34
	Jul	26.34	144.00	0.65	47.70	50.35	93.00	27.64
Paraguay	Jun	0.46	10.50	0.01	3.75	4.05	6.50	0.42
	Jul	0.46	10.50	0.01	3.75	4.05	6.50	0.42
Major Importers 4/	Jun	33.90	22.87	137.35	129.71	157.68	0.35	36.09
	Jul	31.95	22.87	136.35	129.71	157.68	0.35	33.14
China	Jun	31.80	19.00	103.00	100.00	119.70	0.10	34.00
	Jul	29.80	19.00	102.00	100.00	119.70	0.10	31.00
European Union	Jun	0.92	2.80	15.00	15.90	17.62	0.23	0.87
	Jul	0.97	2.80	15.00	15.90	17.62	0.23	0.92
Southeast Asia	Jun	0.87	0.53	9.85	4.98	10.36	0.02	0.87
	Jul	0.87	0.53	9.85	4.98	10.36	0.02	0.87
Mexico	Jun	0.10	0.30	6.20	6.40	6.45	0.00	0.15
	Jul	0.10	0.30	6.20	6.40	6.45	0.00	0.15

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

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

<b>2019/20</b>	<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Domestic Total</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 2/	13.78	244.49	61.94	240.69	67.68	11.84
World Less China	13.78	172.02	61.89	169.18	66.67	11.84
United States	0.37	46.36	0.58	34.44	12.55	0.31
Total Foreign	13.41	198.13	61.36	206.24	55.13	11.53
Major Exporters 3/	5.98	72.24	0.03	27.37	45.85	5.04
Argentina	2.06	29.87	0.00	3.20	27.46	1.27
Brazil	3.54	35.65	0.01	18.50	17.50	3.20
India	0.38	6.72	0.02	5.67	0.89	0.57
Major Importers 4/	2.16	22.44	37.06	58.95	1.10	1.62
European Union	0.86	12.32	16.33	28.32	0.88	0.33
Mexico	0.26	4.75	1.82	6.73	0.01	0.10
Southeast Asia 5/	1.01	3.51	17.05	20.31	0.21	1.05
China	0.00	72.47	0.05	71.51	1.01	0.00

**2020/21 Est.**

World 2/	11.84	252.85	63.32	248.22	67.86	11.92
World Less China	11.84	176.81	63.24	173.36	66.61	11.92
United States	0.31	46.59	0.73	34.29	12.93	0.41
Total Foreign	11.53	206.25	62.59	213.93	54.94	11.51
Major Exporters 3/	5.04	75.71	0.06	28.87	46.05	5.89
Argentina	1.27	31.95	0.00	3.32	28.25	1.65
Brazil	3.20	36.24	0.02	19.70	16.00	3.76
India	0.57	7.52	0.04	5.85	1.80	0.48
Major Importers 4/	1.62	23.23	37.40	59.44	1.03	1.77
European Union	0.33	12.81	16.70	28.54	0.80	0.49
Mexico	0.10	4.90	1.88	6.75	0.01	0.12
Southeast Asia 5/	1.05	3.75	16.97	20.54	0.22	1.01
China	0.00	76.03	0.08	74.86	1.25	0.00

**2021/22 Proj.**

World 2/	Jun	11.38	260.32	64.47	254.86	69.85	11.46
	Jul	11.92	260.63	64.39	254.63	70.15	12.16
World Less China	Jun	11.38	181.12	64.41	176.85	68.60	11.46
	Jul	11.92	181.43	64.33	176.62	68.90	12.16
United States	Jun	0.36	47.63	0.41	35.02	12.97	0.41
	Jul	0.41	47.63	0.41	35.02	12.97	0.45
Total Foreign	Jun	11.02	212.69	64.07	219.85	56.88	11.05
	Jul	11.51	213.00	63.99	219.61	57.18	11.71
Major Exporters 3/	Jun	5.43	77.46	0.05	29.87	47.55	5.51
	Jul	5.89	77.88	0.05	29.89	47.85	6.08
Argentina	Jun	1.69	32.73	0.00	3.38	29.20	1.84
	Jul	1.65	33.15	0.00	3.40	29.50	1.90
Brazil	Jun	3.26	36.97	0.02	20.25	16.65	3.34
	Jul	3.76	36.97	0.02	20.25	16.65	3.84
India	Jun	0.48	7.76	0.03	6.24	1.70	0.34
	Jul	0.48	7.76	0.03	6.24	1.70	0.34
Major Importers 4/	Jun	1.75	23.34	38.03	60.06	1.09	1.97
	Jul	1.77	23.34	37.90	59.96	1.09	1.96
European Union	Jun	0.49	12.57	17.00	28.54	0.85	0.67
	Jul	0.49	12.57	17.00	28.54	0.85	0.67
Mexico	Jun	0.12	5.06	1.93	7.00	0.01	0.09
	Jul	0.12	5.06	1.93	7.00	0.01	0.09
Southeast Asia 5/	Jun	0.99	3.88	17.30	20.89	0.24	1.05
	Jul	1.01	3.88	17.17	20.79	0.24	1.04
China	Jun	0.00	79.20	0.06	78.01	1.25	0.00
	Jul	0.00	79.20	0.06	78.01	1.25	0.00

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

## WASDE - 614 - 30

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

<b>2019/20</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		4.30	58.36	11.39	57.24	12.31	4.51
World Less China		3.80	41.97	10.39	40.15	12.15	3.86
United States		0.81	11.30	0.15	10.12	1.29	0.84
Total Foreign		3.50	47.06	11.25	47.12	11.02	3.67
Major Exporters 3/		1.07	20.18	0.55	12.42	8.12	1.26
Argentina		0.43	7.70	0.00	2.18	5.40	0.55
Brazil		0.32	8.85	0.07	7.77	1.16	0.32
European Union		0.26	2.96	0.48	2.43	0.93	0.35
Major Importers 4/		1.21	19.45	7.04	25.91	0.47	1.32
China		0.50	16.40	1.00	17.09	0.16	0.65
India		0.14	1.51	3.63	5.11	0.02	0.15
North Africa 5/		0.29	1.07	1.79	2.50	0.29	0.36
<b>2020/21 Est.</b>							
World 2/		4.51	60.46	12.13	60.05	12.53	4.52
World Less China		3.86	43.26	10.93	41.80	12.48	3.77
United States		0.84	11.52	0.11	10.85	0.81	0.81
Total Foreign		3.67	48.94	12.02	49.20	11.73	3.71
Major Exporters 3/		1.26	20.91	0.66	12.42	9.17	1.24
Argentina		0.55	8.20	0.00	1.95	6.25	0.55
Brazil		0.32	9.00	0.21	7.91	1.30	0.32
European Union		0.35	3.08	0.45	2.51	1.00	0.37
Major Importers 4/		1.32	20.56	7.29	27.53	0.27	1.37
China		0.65	17.20	1.20	18.25	0.05	0.75
India		0.15	1.69	3.70	5.33	0.02	0.20
North Africa 5/		0.36	1.13	1.64	2.64	0.21	0.28
<b>2021/22 Proj.</b>							
World 2/	Jun	4.51	62.25	12.08	61.89	12.82	4.14
	Jul	4.52	62.32	12.09	61.99	12.80	4.15
World Less China	Jun	3.76	44.33	10.91	42.97	12.67	3.36
	Jul	3.77	44.40	10.91	43.07	12.65	3.38
United States	Jun	0.82	11.77	0.27	11.52	0.66	0.68
	Jul	0.81	11.77	0.27	11.52	0.66	0.68
Total Foreign	Jun	3.69	50.48	11.81	50.37	12.16	3.46
	Jul	3.71	50.56	11.82	50.47	12.14	3.48
Major Exporters 3/	Jun	1.24	21.31	0.50	12.61	9.29	1.15
	Jul	1.24	21.41	0.50	12.71	9.29	1.16
Argentina	Jun	0.55	8.40	0.00	2.01	6.40	0.54
	Jul	0.55	8.50	0.00	2.11	6.40	0.54
Brazil	Jun	0.32	9.18	0.05	7.94	1.30	0.31
	Jul	0.32	9.18	0.05	7.94	1.30	0.31
European Union	Jun	0.37	3.02	0.45	2.61	0.95	0.29
	Jul	0.37	3.02	0.45	2.61	0.95	0.29
Major Importers 4/	Jun	1.42	21.43	7.26	28.31	0.44	1.35
	Jul	1.37	21.43	7.26	28.31	0.44	1.30
China	Jun	0.75	17.92	1.18	18.92	0.15	0.78
	Jul	0.75	17.92	1.18	18.92	0.15	0.78
India	Jun	0.20	1.75	3.73	5.45	0.02	0.21
	Jul	0.20	1.75	3.73	5.45	0.02	0.21
North Africa 5/	Jun	0.33	1.22	1.58	2.61	0.28	0.24
	Jul	0.28	1.22	1.58	2.61	0.28	0.19

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.

## WASDE - 614 - 31

## U.S. Quarterly Animal Product Production 1/

Year and Quarter		Beef	Pork	Red Meat 2/	Broiler	Turkey	Total Poultry 3/	Red Meat & Poultry	Egg	Milk	
		<i>Million Pounds</i>								<i>Mil doz</i>	<i>Bil lbs</i>
2020	III	7,115	7,048	14,213	11,358	1,454	12,958	27,172	2,311	55.4	
	IV	7,069	7,515	14,633	11,047	1,451	12,630	27,263	2,371	55.6	
	Annual	27,174	28,303	55,680	44,583	5,743	50,876	106,556	9,283	223.2	
2021	I	6,895	7,291	14,235	10,893	1,390	12,410	26,645	2,306	56.8	
	II	6,955	6,675	13,679	11,100	1,390	12,625	26,304	2,310	58.2	
	III*	7,075	6,860	13,986	11,445	1,425	13,010	26,996	2,335	56.7	
	IV*	6,980	7,325	14,356	11,255	1,450	12,835	27,191	2,395	56.5	
	Annual										
	Jun Proj.	27,905	28,191	56,298	44,893	5,665	51,090	107,388	9,361	228.5	
	Jul Proj.	27,905	28,151	56,256	44,693	5,655	50,880	107,136	9,346	228.2	
2022	I*	6,810	7,200	14,061	11,025	1,405	12,560	26,621	2,340	57.7	
	II*	6,700	6,630	13,382	11,300	1,410	12,850	26,232	2,340	59.0	
	Annual										
	Jun Proj.	27,335	28,545	56,084	45,300	5,700	51,545	107,629	9,470	231.1	
	Jul Proj.	27,325	28,120	55,649	45,300	5,700	51,545	107,194	9,470	231.6	

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

## U.S. Quarterly Prices for Animal Products

Year and Quarter		Steers 2/	Barrows and gilts 3/	Broilers 4/	Turkeys 5/	Eggs 6/	Milk 7/
		<i>Dol./cwt</i>	<i>Dol./cwt</i>	<i>Cents/lb.</i>	<i>Cents/lb.</i>	<i>Cents/doz.</i>	<i>Dol./cwt</i>
2020	III	101.74	40.50	66.7	111.3	89.0	18.97
	IV	108.18	50.75	75.7	113.6	107.2	19.80
	Annual	108.51	43.18	73.2	106.5	112.2	18.24
2021	I	112.98	55.71	84.0	110.1	127.8	17.33
	II	120.75	80.92	104.4	117.7	94.2	18.75
	III*	120.00	77.00	97.0	125.0	102.0	18.20
	IV*	123.00	64.00	88.0	124.0	118.0	18.90
	Annual						
	Jun Proj.	117.0	70.2	92.5	115.5	112.2	18.85
	Jul Proj.	119.2	69.4	93.4	119.2	110.5	18.30
2022	I*	127.00	60.00	91.0	118.0	119.0	18.70
	II*	122.00	61.00	101.0	117.0	101.0	18.30
	Annual						
	Jun Proj.	122	56	93	116	115	18.75
	Jul Proj.	122	56	93	118	114	18.50

\*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.

## WASDE - 614 - 32

## U.S. Meats Supply and Use

		Beginning	Production		Total		Ending	Total	Per Capita
		stocks	1/	Imports	Supply	Exports	Stocks	Use	2/ 3/
		<i>Million Pounds /4</i>							
Beef	2020	642	27,244	3,342	31,227	2,951	716	27,561	58.4
	2021 Proj. Jun	716	27,975	3,021	31,712	3,342	665	27,705	58.5
	Jul	716	27,975	3,021	31,712	3,422	650	27,640	58.4
	2022 Proj. Jun	665	27,405	2,990	31,060	3,300	670	27,090	57.0
	Jul	650	27,395	2,990	31,035	3,320	650	27,065	56.9
Pork	2020	646	28,318	904	29,869	7,280	467	22,121	52.0
	2021 Proj. Jun	467	28,206	982	29,655	7,552	415	21,688	50.8
	Jul	467	28,166	982	29,615	7,552	460	21,603	50.6
	2022 Proj. Jun	415	28,560	990	29,965	7,550	445	21,970	51.2
	Jul	460	28,135	990	29,585	7,550	505	21,530	50.2
Total Red Meat 5/	2020	1,330	55,774	4,547	61,651	10,235	1,217	50,199	111.8
	2021 Proj. Jun	1,217	56,393	4,257	61,867	10,898	1,113	49,855	110.5
	Jul	1,217	56,351	4,269	61,837	10,978	1,143	49,715	110.2
	2022 Proj. Jun	1,113	56,179	4,252	61,544	10,856	1,154	49,534	109.4
	Jul	1,143	55,744	4,252	61,139	10,876	1,192	49,071	108.3
Broiler	2020	937	44,106	145	45,188	7,367	830	36,991	96.2
	2021 Proj. Jun	830	44,413	135	45,377	7,399	760	37,218	96.4
	Jul	830	44,215	140	45,184	7,449	775	36,960	95.8
	2022 Proj. Jun	760	44,815	136	45,711	7,450	795	37,466	96.7
	Jul	775	44,815	136	45,726	7,450	795	37,481	96.7
Turkey	2020	233	5,743	21	5,997	571	223	5,203	15.8
	2021 Proj. Jun	223	5,665	20	5,908	575	230	5,103	15.4
	Jul	223	5,655	20	5,898	580	220	5,098	15.4
	2022 Proj. Jun	230	5,700	21	5,951	580	225	5,146	15.5
	Jul	220	5,700	21	5,941	580	225	5,136	15.4
Total Poultry 6/	2020	1,175	50,398	167	51,740	8,013	1,057	42,670	113.4
	2021 Proj. Jun	1,057	50,609	158	51,824	8,034	995	42,795	113.3
	Jul	1,057	50,401	163	51,621	8,084	1,000	42,537	112.6
	2022 Proj. Jun	995	51,060	160	52,215	8,090	1,025	43,100	113.6
	Jul	1,000	51,060	160	52,220	8,086	1,025	43,109	113.6
Red Meat & Poultry	2020	2,504	106,172	4,715	113,391	18,248	2,274	92,869	225.3
	2021 Proj. Jun	2,274	107,002	4,414	113,690	18,932	2,108	92,650	223.7
	Jul	2,274	106,752	4,431	113,457	19,062	2,143	92,253	222.8
	2022 Proj. Jun	2,108	107,238	4,412	113,758	18,946	2,179	92,633	223.0
	Jul	2,143	106,803	4,412	113,358	18,962	2,217	92,179	222.0

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



## WASDE - 614 - 33

## U.S. Egg Supply and Use

	2019	2020	2021 Proj. Jun	2021 Proj. Jul	2022 Proj. Jun	2022 Proj. Jul
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	22.7	31.6	24.5	24.5	22.0	22.0
Production	9,441.8	9,283.4	9,361.0	9,346.0	9,470.0	9,470.0
Imports	14.6	15.5	16.2	16.9	16.0	16.0
Total Supply	9,479.1	9,330.5	9,401.7	9,387.4	9,508.0	9,508.0
Use						
Exports	333.8	344.0	378.8	380.8	365.0	365.0
Hatching Use	1,081.2	1,078.5	1,113.6	1,103.6	1,140.0	1,140.0
Ending Stocks	31.6	24.5	22.0	22.0	24.0	24.0
Disappearance						
Total	8,032.5	7,883.5	7,887.3	7,881.0	7,979.0	7,979.0
Per Capita (number)	293.4	286.5	285.5	285.3	287.6	287.6

## U.S. Milk Supply and Use

	2019	2020	2021 Proj. Jun	2021 Proj. Jul	2022 Proj. Jun	2022 Proj. Jul
Milk	<i>Billion Pounds</i>					
Production	218.4	223.2	228.5	228.2	231.1	231.6
Farm Use	1.0	1.1	1.1	1.1	1.1	1.1
Fat Basis Supply						
Beg. Commercial Stocks	13.8	13.6	15.6	15.6	15.1	15.2
Marketings	217.4	222.1	227.4	227.2	230.0	230.5
Imports	6.9	6.8	6.1	6.2	5.9	6.2
Total Cml. Supply	238.1	242.5	249.1	249.0	251.1	252.0
Fat Basis Use						
Commercial Exports	9.1	9.3	11.1	11.1	10.3	10.3
Ending Commercial Stocks	13.6	15.6	15.1	15.2	15.1	15.2
CCC Donations	0.2	0.3	0.0	0.0	0.0	0.0
Domestic Commercial Use	215.2	217.4	222.9	222.8	225.7	226.4
Skim-solid Basis Supply						
Beg. Commercial Stocks	10.7	10.2	10.9	10.9	10.6	11.1
Marketings	217.4	222.1	227.4	227.2	230.0	230.5
Imports	5.8	5.6	5.5	5.6	5.4	5.5
Total Cml. Supply	233.9	237.9	243.8	243.6	246.0	247.1
Skim-solid Basis Use						
Commercial Exports	41.5	47.2	50.2	51.3	50.7	51.3
Ending Commercial Stocks	10.2	10.9	10.6	11.1	10.3	11.1
CCC Donations	0.2	0.1	0.0	0.0	0.0	0.0
Domestic Commercial Use	182.0	179.7	183.0	181.2	185.1	184.7

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

## WASDE - 614 - 34

## U.S. Dairy Prices

	2019	2020	2021 Proj. Jun	2021 Proj. Jul	2022 Proj. Jun	2022 Proj. Jul
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.7586	1.9236	1.705	1.655	1.715	1.680
Butter	2.2431	1.5808	1.715	1.690	1.795	1.750
Nonfat Dry Milk	1.0419	1.0417	1.250	1.210	1.220	1.220
Dry Whey	0.3799	0.3621	0.590	0.570	0.510	0.510
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	16.96	18.16	17.45	16.80	17.15	16.75
Class IV	16.30	13.49	15.85	15.40	15.95	15.75
All Milk 3/	18.65	18.24	18.85	18.30	18.75	18.50

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.

## WASDE - 614 - 35

## Reliability of July Projections 1/

Note: Tables on pages 35-37 present a record of the July 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 2.8 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 4.7 percent. The average difference between the July projection and the final estimate is 13.9 million tons, ranging from 1 million to 34.6 million tons. The July projection has been below the estimate 24 times and above 16 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final
	<i>Percent</i>		<i>Million Metric Tons</i>				
<b>WHEAT</b>							
Production							
World	2.8	4.7	13.9	1.0	34.6	24	16
U.S.	3.4	5.8	1.5	0.0	6.2	19	21
Foreign	3.0	5.1	13.7	0.3	34.7	25	15
Exports							
World	5.9	10.1	6.6	0.2	18.7	27	13
U.S.	11.5	19.5	2.7	0.2	10.0	23	17
Foreign	7.3	12.4	6.3	0.1	21.3	28	12
Domestic Use							
World	2.1	3.5	9.9	1.6	30.0	24	16
U.S.	7.1	12.1	1.8	0.0	5.0	15	25
Foreign	2.0	3.5	9.5	1.3	29.8	26	14
Ending Stocks							
World	9.6	16.2	12.2	0.1	35.3	28	12
U.S.	18.2	30.8	3.1	0.2	13.9	23	17
Foreign	10.0	17.0	10.5	1.2	31.7	28	12
<b>COARSE GRAINS 2/</b>							
Production							
World	2.9	4.9	22.9	1.3	68.4	21	19
U.S.	9.9	16.8	15.5	0.6	57.9	19	21
Foreign	2.6	4.3	14.6	1.1	53.0	21	19
Exports							
World	7.7	13.0	7.8	0.6	23.8	28	12
U.S.	26.0	44.1	8.2	0.2	24.4	16	24
Foreign	13.9	23.6	7.4	1.4	19.7	27	13
Domestic Use							
World	1.8	3.0	14.4	0.0	46.0	22	18
U.S.	4.4	7.5	7.0	0.0	22.2	24	16
Foreign	2.0	3.3	11.9	1.0	40.6	23	17
Ending Stocks							
World	18.5	31.5	22.8	1.6	171.9	25	15
U.S.	43.6	74.0	13.4	0.5	50.5	17	23
Foreign	16.2	27.5	15.1	0.2	155.2	29	11
<b>RICE, milled</b>							
Production							
World	2.3	4.0	6.8	0.4	24.0	25	15
U.S.	5.4	9.2	0.3	0.0	0.8	20	18
Foreign	2.4	4.0	6.8	0.5	24.3	25	15
Exports							
World	9.1	15.4	1.8	0.0	6.7	28	12
U.S.	10.6	17.9	0.2	0.0	1.0	17	19
Foreign	9.9	16.8	1.7	0.0	6.5	28	12
Domestic Use							
World	2.0	3.3	4.8	0.2	22.9	25	15
U.S.	8.2	14.0	0.2	0.0	0.5	15	24
Foreign	2.0	3.4	4.8	0.2	22.9	25	15
Ending Stocks							
World	13.5	22.9	6.7	0.1	26.5	30	10
U.S.	29.1	49.3	0.3	0.0	1.0	24	15
Foreign	14.7	25.0	6.7	0.2	26.0	31	9

1/ Footnotes at end of table.

CONTINUED

## WASDE - 614 - 36

## Reliability of July 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	5.0	8.5	7.4	0.5	26.9	19	21
U.S.	7.0	11.9	3.7	0.0	11.7	21	19
Foreign	7.3	12.4	6.5	1.0	25.8	21	19
Exports							
World	7.6	12.9	3.7	0.0	10.7	26	14
U.S.	13.0	22.0	3.0	0.1	9.3	22	18
Foreign	19.3	32.8	2.9	0.0	10.5	24	16
Domestic Use							
World	3.7	6.4	5.4	0.5	16.1	23	17
U.S.	5.1	8.6	1.6	0.0	4.9	24	16
Foreign	4.1	6.9	4.7	0.1	11.2	23	17
Ending Stocks							
World	15.2	25.8	4.9	0.0	26.1	22	18
U.S.	62.9	106.7	3.1	0.0	13.4	13	27
Foreign	18.7	31.7	4.2	0.0	21.8	26	14
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	5.6	9.6	3.8	0.0	14.9	23	17
U.S.	10.2	17.3	1.4	0.1	5.3	21	19
Foreign	5.7	9.7	3.0	0.0	12.1	21	18
Exports							
World	10.4	17.6	2.5	0.1	11.6	23	17
U.S.	26.7	45.3	1.3	0.1	3.6	24	16
Foreign	13.5	22.9	2.0	0.0	9.8	19	21
Domestic Use							
World	5.3	9.0	3.5	0.0	21.6	19	21
U.S.	10.4	17.6	0.5	0.0	1.4	18	21
Foreign	5.4	9.1	3.5	0.1	21.0	18	22
Ending Stocks							
World	16.1	27.3	6.2	0.2	20.1	25	15
U.S.	42.8	72.6	1.5	0.1	4.9	17	23
Foreign	15.7	26.7	5.3	0.5	19.5	27	13

1/ Marketing years 1981/82 through 2020/21 for grains, soybeans (U.S. only), and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2019/20, and for 2020/21 the last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

## WASDE - 614 - 37

## Reliability of United States July 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
<b>CORN</b>	<i>Percent</i>		<i>Million Bushels</i>				
Production	10.8	18.4	565	12	2,190	22	18
Exports	27.1	46.0	292	0	900	16	22
Domestic Use	4.8	8.2	271	0	770	24	15
Ending Stocks	52.1	88.4	486	11	1,840	18	22
<b>SORGHUM</b>							
Production	17.8	30.2	67	3	213	23	17
Exports	40.5	68.7	48	0	170	20	19
Domestic Use	28.7	48.7	51	3	139	16	24
Ending Stocks	65.1	110.4	45	0	174	14	25
<b>BARLEY</b>							
Production	7.6	13.0	20	0	87	13	26
Exports	64.6	109.6	14	0	92	24	14
Domestic Use	9.9	16.8	24	0	87	15	24
Ending Stocks	21.7	36.9	25	0	114	16	23
<b>OATS</b>							
Production	12.6	21.5	19	0	144	6	32
Exports	94.7	160.8	1	0	8	11	12
Domestic Use	6.5	11.0	15	0	67	11	25
Ending Stocks	23.9	40.5	14	0	68	15	24
<b>SOYBEAN MEAL</b>			<i>Thousand Short Tons</i>				
Production	5.1	8.7	1,232	118	4,432	29	11
Exports	14.9	25.3	877	50	2,450	23	17
Domestic Use	5.5	9.4	926	76	4,470	20	20
Ending Stocks	39.2	66.5	48	0	413	11	17
<b>SOYBEAN OIL</b>			<i>Million Pounds</i>				
Production	4.9	8.3	606	55	2,130	29	11
Exports	33.9	57.5	423	0	1,575	22	17
Domestic Use	4.3	7.4	505	0	2,300	23	16
Ending Stocks	38.9	65.9	467	15	1,568	20	20
<b>ANIMAL PROD.</b>			<i>Million Pounds</i>				
Beef	3.8	6.5	734	60	2,677	18	9
Pork	2.9	4.9	438	20	1,372	13	14
Broilers	2.1	3.6	630	175	1,338	11	16
Turkeys	3.8	6.4	160	2	468	10	17
			<i>Million Dozen</i>				
Eggs	1.6	2.7	94	4	266	19	8
			<i>Billion Pounds</i>				
Milk	1.6	2.7	2.3	0.1	7.0	16	11

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2020/21 for grains, soybeans, and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2020/21. Calendar years 1994 through 2020 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1994-2020.

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## Related USDA Reports

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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>.

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## Supply and Demand Database

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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.

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## Foreign Production Assessments

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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/>.

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## Metric Conversion Factors

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**1 Hectare = 2.4710 Acres**

**1 Kilogram = 2.20462 Pounds**

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



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## **World Agricultural Supply and Demand Estimates**

**WASDE-614 – July 12, 2021**

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