

# World Agricultural Supply and Demand Estimates

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WASDE - 602

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**WHEAT:** The outlook for 2020/21 U.S. wheat this month is for larger supplies, lower domestic use, unchanged exports, and increased stocks. Supplies are raised as larger beginning stocks more than offset lower production. Beginning stocks are increased on the NASS *Grain Stocks* report, issued June 30, which indicated higher 2019/20 ending stocks than previously estimated. This also resulted in lowering 2019/20 feed and residual use by 61 million bushels to 74 million. Wheat production for 2020/21 is reduced 53 million bushels to 1,824 million. Winter wheat production is lowered 48 million bushels to 1,218 million with reductions in Hard Red Winter and Soft Red Winter. The initial 2020/21 survey-based production forecasts for other spring and Durum were issued this month by NASS. Other spring wheat is less than last year at 550 million bushels on lower forecast yields while Durum is higher at 56 million on increased harvested area. Domestic use is 10 million bushels lower this month, all on reduced feed and residual use as 2020/21 U.S. corn supplies are still projected significantly larger than last year. Projected 2020/21 exports are unchanged at 950 million bushels but there were several offsetting by-class changes this month. Ending stocks for 2020/21 are projected 17 million bushels higher than last month at 942 million. The projected season-average farm price (SAFP) is unchanged at \$4.60 per bushel, compared to the revised 2019/20 SAFP of \$4.58.

The 2020/21 global wheat outlook is for smaller supplies, reduced consumption, lower exports, and decreased stocks. Supplies are reduced 2.9 million tons to 1,066 million as larger beginning stocks are more than offset by reduced production, primarily in the EU, United States, Morocco, and Russia. EU production is lowered 1.5 million tons to 139.5 million, mainly on reductions for France and Spain. If realized, this would be the smallest EU wheat production since 2012/13. Morocco is lowered 800,000 tons to 2.7 million, the smallest output since 2007/08, primarily on updated government estimates. Russia is reduced 500,000 tons to 76.5 million as lower winter wheat production is partially offset by increased spring wheat output. Projected 2020/21 global trade is reduced 0.8 million tons to 188.0 million as lower EU exports are only partially offset by higher Australian exports. World consumption is lowered 1.6 million tons to 751.6 million, primarily on reduced feed and residual use in the EU, the United States, and Morocco. Projected 2020/21 world ending stocks are lowered 1.3 million tons to 314.8 million but remain record-large with China and India accounting for 51 and 10 percent of the total, respectively.

**COARSE GRAINS:** This month's 2020/21 U.S. corn outlook is for sharply lower supplies, reduced feed and residual use, increased food, seed, and industrial use, and lower ending stocks. Corn beginning stocks are raised 145 million bushels, based on lower use forecasts for 2019/20. Feed and residual use for 2019/20 is lower based on indicated disappearance during the first three quarters of the marketing year as reported in the June 30 *Grain Stocks*. Food, seed, and industrial use is lowered 45 million bushels. Corn used for ethanol is lowered 50 million bushels based on reported use to date and weekly ethanol production data reported by the *Energy Information Administration* during the month of June and into early July. Projected corn used for glucose and dextrose and starch are both raised, while that used for high fructose corn syrup is lowered.

For 2020/21, corn production is forecast 995 million bushels lower based on reduced planted and harvested areas from the June 30 *Acreage* report. The national average corn yield is unchanged at 178.5 bushels per acre. During June, harvested-area weighted precipitation for the major corn

producing states as reported by the *National Centers for Environmental Information* was below normal, but did not represent an extreme deviation from the 1988 to 2019 average. Silking as reported in the *Crop Progress* report is slower than the recent historical average and for much of the crop the critical pollination period will be during middle and late July. Projected feed and residual use is lowered 200 million bushels, reflecting a smaller crop and higher expected prices. Food, seed, and industrial use is raised 25 million bushels, based on projected increases in the amount of corn used for beverage and manufacturing, starch, and glucose and dextrose. Small revisions are made to historical trade and utilization estimates based on the 13<sup>th</sup> month trade data revisions from the *Census Bureau*. With supply declining more than use, stocks are lowered 675 million bushels to 2.6 billion. The season-average corn price received by producers is raised 15 cents to \$3.35 per bushel.

This month's 2020/21 foreign coarse grain outlook is for virtually unchanged production, slightly higher trade, and lower stocks relative to last month. Foreign corn production is virtually unchanged from last month, as forecast increases for Russia and Bolivia are essentially offset by a reduction for Canada. Barley production is lowered for the EU and Morocco but raised for Canada. Major global trade changes for 2020/21 include larger corn imports for Canada and Algeria, with a partly offsetting reduction for Kenya. For 2019/20, corn exports are raised for Argentina but lowered for Brazil for the local marketing year beginning March 2020 based on observed data through early July. China's corn feed and residual use for 2019/20 and 2020/21 is raised from last month, based on a faster-than-expected rebound in soybean meal equivalent protein consumption and current corn prices. Foreign corn ending stocks for 2020/21 are lowered from last month, with the largest declines for China, Argentina, the EU, Canada, and Mexico.

**RICE:** The outlook for both 2019/20 and 2020/21 U.S. rice is for increased supplies, higher domestic use, and lower exports while ending stocks are reduced for 2019/20 and increased for 2020/21. All rice supplies for 2020/21 are raised 3.5 million cwt this month based on a 4.5-million-cwt production increase and a 1.0-million-cwt import increase, which are partially offset by a 2.0-million-cwt reduction in beginning stocks. The NASS *Rice Stocks* report, and surging imports, implied significantly higher domestic and residual use than previously estimated for 2019/20. Imports for both 2019/20 and 2020/21 are raised to record-high levels, primarily reflecting strong demand for imported Asian aromatic varieties. Long-grain production for 2020/21 is raised 6.3 million cwt to 161.8 million on increased planted acreage, and combined medium- and short-grain production is lowered 1.8 million to 58.9 million on reduced area, based on the June 30 NASS *Acreage* report. Rising domestic and residual use is expected to continue in 2020/21. Exports for 2019/20 are lowered 1.5 million cwt on continued uncompetitive prices for U.S. long grain as well as recent cancelations of outstanding sales; 2020/21 exports are lowered 1.0 million cwt (though still up 3.5 million cwt from the previous market year) on expectations of continued strong international competition for long grain exports. All rice ending stocks for 2020/21 are raised 0.5 million cwt to 43.8 million and the season-average farm price for all rice is lowered \$0.20 per cwt to \$12.70.

Global 2020/21 rice supplies are raised fractionally on higher beginning stocks and production. The higher 2020/21 beginning stocks stem from several 2019/20 changes including a 0.9-million-ton production increase that is only partially offset by increased domestic and residual use. Global 2020/21 production and domestic use are each raised 0.5 million tons, and both remain record high. With supplies rising more than use, global 2020/21 ending stocks are a record high 185.8 million tons with China and India respectively holding 63 percent and 21 percent.

**OILSEEDS:** U.S. oilseed production for 2020/21 is projected at 122.8 million tons, down 0.4 million from last month, with increases for soybeans and peanuts offset with reductions for canola, sunflowerseed, and cottonseed. Soybean production is projected at 4.14 billion bushels, up 10 million on increased harvested area. Harvested area, forecast at 83.0 million acres in the June 30 *Acreage* report, is up 0.2 million from last month. The soybean yield forecast is unchanged at 49.8 bushels per acre. With higher beginning stocks, 2020/21 soybean supplies are raised 45 million bushels. Soybean crush is raised 15 million bushels reflecting an increase in domestic soybean meal

disappearance which is raised in line with an increase for 2019/20. With projections for exports unchanged, 2020/21 soybean ending stocks are increased 30 million bushels to 425 million.

Soybean changes for 2019/20 include higher crush, lower residual use, and higher ending stocks. Soybean residual use is reduced 50 million bushels, reflecting June 1 soybean stocks reported in the recent *Grain Stocks* report, and reported soybean use through May. Soybean ending stocks for 2019/20 are projected at 620 million bushels, up 35 million from last month.

The U.S. season-average soybean price for 2020/21 is forecast at \$8.50 per bushel, up \$0.30 partly reflecting higher price expectations following the June *Acreage* report. The soybean meal price is projected at \$300.00 per short ton, up \$10.00 from last month. The soybean oil price forecast is unchanged at 29.0 cents per pound.

The 2020/21 global oilseed supply and demand forecasts include lower production, lower exports, higher crush, and lower ending stocks compared to last month. Global oilseed production is reduced 2.0 million tons to 604.2 million on lower rapeseed, cottonseed, and soybean production. Canola production is lowered for Canada based on updated government data. Soybean production is lowered for Canada and Uruguay, resulting in lower 2020/21 exports for both countries.

The 2020/21 global soybean ending stocks are reduced 1.3 million tons to 95.1 million as lower stocks for Brazil and China are partly offset by higher U.S. stocks. Lower foreign stocks reflect notable balance sheet revisions for Brazil in 2019/20 and China in 2019/20 and 2020/21. For Brazil, the 2019/20 crop is increased 2 million tons to 126 million, reflecting higher yields. Exports are increased 4 million tons to 89 million, leading to a 2-million-ton reduction to ending stocks. The local year exports (February 2020-January 2021) are also increased 2.5 million tons to 79.5 million.

China's 2019/20 balance sheet changes include a 2-million-ton increase in imports to 96 million and a 1-million-ton increase to crush, resulting in higher ending stocks. For 2020/21, China's higher beginning stocks are offset by higher crush, leading to lower ending stocks. With these changes, China's year-over-year soybean meal domestic disappearance growth remains at 7 percent.

**SUGAR:** U.S. sugar supply for 2020/21 is increased 187,367 short tons, raw value (STRV) to 13.921 million based on an increase in beginning stocks and production only partially offset by a reduction in imports. An increase in beginning stocks of 140,070 STRV results from increases in 2019/20 FTA TRQ imports from the implementation of USMCA and in 2019/20 imports from Mexico. Combined national beet sugar production and cane sugar production in 2020/21 are increased by 85,000 STRV based on projected increases in area harvested reported in the *NASS Acreage* report. TRQ imports for 2020/21 are increased by the quantity of specialty sugar beyond the WTO minimum as announced by the Secretary of Agriculture (154,323 STRV) and by projected FTA imports from Canada under USMCA (30,581 STRV). Imports from Mexico are projected at 1.079 million STRV, a reduction of 222,607 from last month. Net imports for 2020/21 are thereby reduced 37,703 STRV. There are no changes to use. Ending stocks are projected at 1.656 million STRV for an ending stocks-to-use ratio of 13.5 percent.

Under the USMCA effective July 1, 2020, Canada is to receive a calendar year export allotment of 9,600 metric tons (MT) of refined beet sugar for the entry into the U.S. market. USTR set the allotment for the remainder of 2020 at 4,800 MT, one-half of the annual amount. The allotment for 2021 is assumed at the full statutory level. USTR also granted Canada 20 percent of the 181,437 MT additional refined sugar TRQ established in April before the implementation of the USMCA. The 20-percent level of any addition to the refined sugar TRQ is set out in the USMCA and only applies in this case to calendar year 2020. These allocated amounts are prorated on a quarterly basis across the final two quarters of 2020 and the first three quarters of 2021.

Mexico production for 2019/20 is estimated at 5.282 million MT. This is an increase of 52,000 MT over last month mostly on better yields. FAS Mexico City Post reporting supports downward adjustments of 43,604 MT reflecting combined lower deliveries to the IMMEX re-export program and for human consumption. Required ending stocks to meet delivery needs for the 2.5 months before the start of the 2020/21 sugarcane campaign are lowered on the basis of lower projected deliveries in 2020/21. The net result of these changes is to increase residually determined exportable supply by 119,979 MT. Exports to the United States are increased to 1.194 million MT. Raw exports to the United States are estimated between 740,000 and 757,000 MT from 2019/20 production and beginning raw sugar stock levels.

Mexico sugar supply and use for 2020/21 has fewer beginning stocks, lower projected deliveries for IMMEX and human consumption, and reduced stocks. The net effect is to increase exports by 117,000 MT to 1.731 million. Exports to the United States are reduced to 923,253 MT on calculated U.S. Needs as set out in the AD/CVD Suspension Agreements. Exports to third-country destinations are residually increased to 807,747 MT.

**LIVESTOCK, POULTRY, AND DAIRY:** The forecast for 2020 red meat and poultry production is raised from last month. The beef production forecast is raised primarily on higher cattle slaughter and heavier carcass weights. USDA will release the *Cattle* report on July 24, providing a mid-year estimate of U.S. cattle inventory as well as producer intentions regarding retention of heifers for beef cow replacement. Forecast pork production is raised from last month largely on higher expected second-half commercial hog slaughter. Broiler production is raised on recent hatchery data while turkey production is lowered on recent production and hatchery data. Egg production is lowered from last month on a reduced laying flock and a reduction in eggs per layer.

For 2021, the red meat and poultry production forecast is raised as higher expected beef, pork, and broiler production more than offsets lower forecast turkey production. Forecast beef production is raised from the previous month as higher expected placements in late 2020 and early 2021 will result in higher marketings. The pork production forecast is raised as the sector continues to adjust to the effects of COVID-19. Broiler production is raised from last month while turkey and egg production forecasts are reduced.

The beef import forecast is raised for 2020, but the export forecast is lowered from the previous month on recent trade data. The 2021 beef trade forecasts are unchanged from last month. Pork export forecasts for 2020 and 2021 are raised from last month as international demand is expected to remain robust. The 2020 broiler export forecast is reduced on recent trade data, but no change is made to the 2021 forecast. Turkey export forecasts are lowered for 2020 and 2021 on weak import demand from key trading partners.

Cattle price forecasts for 2020 are lowered from last month on prices to date and continued large supplies of fed cattle. Forecast 2021 cattle prices are unchanged. The 2020 hog price forecast is reduced on current price weakness and supply pressure. The 2021 hog price forecast is also reduced on higher hog supplies. Broiler prices for 2020 are raised fractionally on slightly higher second-quarter prices; no change is made to the 2021 broiler price. Turkey price forecasts for 2020 and 2021 are raised as production is reduced. The 2020 egg price forecast is reduced on current price weakness, but the 2021 egg price forecast is unchanged.

The milk production forecast for 2020 is lowered from last month largely on slower growth in milk per cow. However, the 2021 milk production forecast is raised from last month on expectations of dairy herd rebuilding and a recovery in growth in milk per cow. USDA's *Cattle* report, to be released on July 24, will provide a mid-year estimate of the dairy cow inventory and producer intentions regarding retention of heifers for dairy cow replacement.

For 2020, the fat basis import forecast is raised from the previous month on higher imports of butter, while the fat basis export forecast is raised on increased shipments of cheese and butterfat products. The skim-solids basis import forecast is unchanged from the previous month, but the export forecast is raised on higher expected exports of dry skim milk products and lactose. Price forecasts for cheese, butter, and nonfat dry milk are raised from the previous month on recent price strength and anticipated demand strength. The whey price forecast is lowered from last month. Class III and Class IV milk prices are raised for 2020, and the all milk price forecast is raised to \$18.25 per cwt.

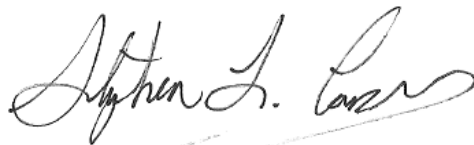
For 2021, the fat basis import and export forecasts are raised. The skim-solids basis import forecast is unchanged, but the export forecast is raised on strong international demand for skim milk powder. For 2021, cheese, butter, and nonfat dry milk price forecasts are raised from the previous month while the whey price is unchanged. The 2021 Class III and Class IV milk price forecasts are raised from last month, and the all milk price forecast is raised to \$17.05 per cwt.

**COTTON:** The U.S. 2020/21 cotton projections show lower production, exports, and stocks compared with last month. Beginning stocks are 200,000 bales lower due to higher 2019/20 exports, but exports in 2020/21 are reduced 1 million bales as a 2-million-bale decline in projected output reduces exportable supplies. U.S. planted area is 1.5 million acres lower this month, as indicated in the June 30 *Acreage* report. Ending stocks are projected at 6.8 million bales, 1.2 million lower than in June, and equivalent to 38 percent of use. The projected price received by U.S. upland cotton producers is 59 cents this month, 2 cents higher than in June.

Global projected ending stocks in 2020/21 are lower this month as well, down 1.9 million bales, largely due to a 2.5-million-bale reduction in projected world production. While the United States accounted for most of the global decline in production, projections were also reduced for Turkey, Tanzania, and Mexico, more than offsetting a 200,000-bale increase for Pakistan. Consumption in 2020/21 is projected 115,000 bales lower this month. At 114.3 million bales, consumption is expected to rise 11.7 percent from the previous year's recession-reduced level.

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**In 2020, the WASDE report will be released on Aug 12, Sep 11, Oct 9, Nov 10, and Dec 10.**

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

<b>World</b>		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks	
Total Grains 4/	2018/19	2624.63	3443.55	429.30	2639.57	803.98	
	2019/20 (Est.)	2666.86	3470.84	435.82	2650.26	820.58	
	2020/21 (Proj.)	Jun	2760.13	3580.95	451.38	2708.42	872.53
		Jul	2730.34	3550.92	450.93	2703.70	847.22
Wheat	2018/19	730.89	1015.00	173.58	735.20	279.80	
	2019/20 (Est.)	764.83	1044.63	188.08	747.51	297.12	
	2020/21 (Proj.)	Jun	773.43	1069.28	188.85	753.19	316.09
		Jul	769.31	1066.43	188.04	751.59	314.84
Coarse Grains 5/	2018/19	1397.10	1767.81	212.00	1420.44	347.37	
	2019/20 (Est.)	1406.81	1754.18	206.04	1412.40	341.79	
	2020/21 (Proj.)	Jun	1484.61	1828.34	217.64	1457.24	371.09
		Jul	1458.40	1800.19	218.01	1453.64	346.55
Rice, milled	2018/19	496.63	660.74	43.71	483.94	176.80	
	2019/20 (Est.)	495.23	672.03	41.69	490.36	181.67	
	2020/21 (Proj.)	Jun	502.09	683.34	44.90	497.99	185.35
		Jul	502.63	684.30	44.89	498.47	185.83
<b>United States</b>							
Total Grains 4/	2018/19	436.32	532.30	83.45	357.57	91.28	
	2019/20 (Est.)	417.42	515.84	79.86	346.45	89.54	
	2020/21 (Proj.)	Jun	478.45	570.42	89.34	366.80	114.28
		Jul	450.91	548.08	89.31	361.44	97.33
Wheat	2018/19	51.31	84.88	25.50	29.99	29.39	
	2019/20 (Est.)	52.26	84.50	26.28	29.82	28.41	
	2020/21 (Proj.)	Jun	51.09	81.65	25.86	30.62	25.17
		Jul	49.63	81.85	25.86	30.35	25.65
Coarse Grains 5/	2018/19	377.91	438.46	54.97	323.02	60.47	
	2019/20 (Est.)	359.30	422.96	50.58	312.20	60.18	
	2020/21 (Proj.)	Jun	420.50	479.82	60.34	331.75	87.73
		Jul	394.27	457.17	60.34	326.54	70.29
Rice, milled	2018/19	7.11	8.96	2.97	4.57	1.42	
	2019/20 (Est.)	5.86	8.38	3.00	4.43	0.95	
	2020/21 (Proj.)	Jun	6.86	8.95	3.14	4.43	1.38
		Jul	7.01	9.06	3.11	4.56	1.39

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).



## WASDE - 602 - 9

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

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks
Total Grains 4/	2018/19	2,188.31	2,911.25	345.85	2,282.00	712.70
	2019/20 (Est.)	2,249.44	2,954.99	355.96	2,303.82	731.04
	2020/21 (Proj.) Jun	2,281.68	3,010.53	362.04	2,341.62	758.25
	Jul	2,279.44	3,002.84	361.62	2,342.26	749.89
Wheat	2018/19	679.59	930.12	148.08	705.21	250.42
	2019/20 (Est.)	712.57	960.12	161.81	717.69	268.71
	2020/21 (Proj.) Jun	722.35	987.63	162.99	722.57	290.92
	Jul	719.68	984.58	162.18	721.25	289.19
Coarse Grains 5/	2018/19	1,019.20	1,329.35	157.03	1,097.42	286.90
	2019/20 (Est.)	1,047.51	1,331.23	155.46	1,100.20	281.61
	2020/21 (Proj.) Jun	1,064.11	1,348.51	157.29	1,125.49	283.37
	Jul	1,064.13	1,343.02	157.66	1,127.10	276.26
Rice, milled	2018/19	489.53	651.78	40.74	479.37	175.38
	2019/20 (Est.)	489.36	663.64	38.69	485.93	180.72
	2020/21 (Proj.) Jun	495.22	674.39	41.76	493.56	183.97
	Jul	495.62	675.24	41.78	493.91	184.44

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

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

		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
World	2018/19	118.65	199.57	41.22	120.38	80.40
	2019/20 (Est.)	122.96	203.36	39.98	102.36	100.92
	2020/21 (Proj.) Jun	118.74	219.30	42.90	114.41	104.67
	Jul	116.25	217.16	41.81	114.29	102.77
United States	2018/19	18.37	22.57	14.84	2.98	4.85
	2019/20 (Est.)	19.91	24.77	15.20	2.50	7.10
	2020/21 (Proj.) Jun	19.50	26.81	16.00	2.80	8.00
	Jul	17.50	24.61	15.00	2.80	6.80
Foreign 4/	2018/19	100.29	177.00	26.38	117.40	75.55
	2019/20 (Est.)	103.05	178.60	24.78	99.86	93.82
	2020/21 (Proj.) Jun	99.24	192.49	26.90	111.61	96.67
	Jul	98.75	192.56	26.81	111.49	95.97

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

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

<b>World</b>			Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2018/19		600.27	716.86	170.37	488.38	131.64
	2019/20 (Est.)		577.15	708.79	183.64	500.23	114.97
	2020/21 (Proj.)	Jun	606.15	720.66	185.87	509.29	111.49
		Jul	604.20	719.17	185.43	510.82	109.40
Oilmeals	2018/19		332.63	349.68	93.80	328.89	14.90
	2019/20 (Est.)		340.67	355.58	93.93	338.50	13.03
	2020/21 (Proj.)	Jun	348.07	361.61	94.19	344.79	13.03
		Jul	349.43	362.46	94.24	346.23	12.51
Vegetable Oils	2018/19		203.46	226.58	85.67	200.33	21.84
	2019/20 (Est.)		204.55	226.39	84.47	200.31	21.67
	2020/21 (Proj.)	Jun	208.63	230.32	86.24	205.99	20.33
		Jul	208.86	230.53	86.34	206.03	20.26
<b>United States</b>							
Oilseeds	2018/19		130.72	145.66	48.82	61.03	26.54
	2019/20 (Est.)		107.00	134.72	46.17	62.80	18.57
	2020/21 (Proj.)	Jun	123.20	141.82	57.01	62.65	12.28
		Jul	122.85	142.59	56.94	63.00	13.10
Oilmeals	2018/19		46.52	51.02	12.50	38.10	0.42
	2019/20 (Est.)		48.32	52.85	12.51	39.94	0.40
	2020/21 (Proj.)	Jun	48.29	52.53	12.20	39.91	0.42
		Jul	48.66	52.90	12.33	40.14	0.42
Vegetable Oils	2018/19		12.20	18.14	1.09	15.88	1.16
	2019/20 (Est.)		12.53	18.69	1.52	15.89	1.28
	2020/21 (Proj.)	Jun	12.62	18.89	1.21	16.37	1.31
		Jul	12.68	18.95	1.30	16.36	1.29
<b>Foreign 3/</b>							
Oilseeds	2018/19		469.55	571.20	121.56	427.35	105.10
	2019/20 (Est.)		470.15	574.07	137.47	437.42	96.40
	2020/21 (Proj.)	Jun	482.95	578.84	128.86	446.63	99.21
		Jul	481.35	576.58	128.49	447.82	96.30
Oilmeals	2018/19		286.11	298.66	81.30	290.79	14.48
	2019/20 (Est.)		292.36	302.73	81.42	298.57	12.63
	2020/21 (Proj.)	Jun	299.78	309.08	81.99	304.88	12.61
		Jul	300.77	309.56	81.91	306.09	12.09
Vegetable Oils	2018/19		191.26	208.44	84.58	184.44	20.68
	2019/20 (Est.)		192.02	207.70	82.95	184.42	20.39
	2020/21 (Proj.)	Jun	196.02	211.43	85.02	189.62	19.02
		Jul	196.18	211.58	85.04	189.67	18.97

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 - 602 - 11

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

	2018/19	2019/20 Est.	2020/21 Proj. Jun	2020/21 Proj. Jul
			<i>Million Acres</i>	
Area Planted	47.8	45.2	44.7 *	44.3
Area Harvested	39.6	37.2	37.7 *	36.7
			<i>Bushels</i>	
Yield per Harvested Acre	47.6	51.7	49.8 *	49.7
			<i>Million Bushels</i>	
Beginning Stocks	1,099	1,080	983	1,044
Production	1,885	1,920	1,877	1,824
Imports	135	105	140	140
Supply, Total	3,119	3,105	3,000	3,007
Food	955	962	964	964
Seed	59	60	61	61
Feed and Residual	88	74	100	90
Domestic, Total	1,102	1,096	1,125	1,115
Exports	937	965	950	950
Use, Total	2,039	2,061	2,075	2,065
Ending Stocks	1,080	1,044	925	942
Avg. Farm Price (\$/bu) 2/	5.16	4.58	4.60	4.60

## 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</i>			
				<i>Bushels</i>			
2019/20 (Est.)	Beginning Stocks	516	263	158	88	55	1,080
	Production	833	522	239	272	54	1,920
	Supply, Total 3/	1,351	838	401	366	150	3,105
	Domestic Use	454	289	204	84	65	1,096
	Exports	376	268	92	187	42	965
	Use, Total	830	558	296	271	107	2,061
	Ending Stocks, Total	521	280	105	95	43	1,044
2020/21 (Proj.)	Beginning Stocks	521	280	105	95	43	1,044
	Production	710	502	280	275	56	1,824
	Supply, Total 3/	1,236	852	395	375	148	3,007
	Domestic Use	428	312	202	90	83	1,115
	Exports	385	270	90	180	25	950
	Use, Total	813	582	292	270	108	2,065
	Ending Stocks, Total	423	270	103	105	40	942
	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, 2020, "Prospective Plantings." Winter wheat area harvested and yield reported in the June 11, 2020, "Crop Production." Area harvested and yield for other spring wheat and durum projected using 10-year harvested-to-planted ratios by state and 1985-2019 yield trends by state (except for Arizona, California, and Idaho durum). For July, area planted, area harvested, yield, and production as reported in the July 10, 2020, "Crop Production."

## WASDE - 602 - 12

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

	2018/19	2019/20 Est.	2020/21 Proj. Jun	2020/21 Proj. Jul
<b>FEED GRAINS</b>				
			<i>Million Acres</i>	
Area Planted	99.9	100.5	108.7 *	103.6 *
Area Harvested	89.2	89.0	98.3 *	92.1 *
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.24	4.03	4.28	4.28
			<i>Million Metric Tons</i>	
Beginning Stocks	57.9	60.5	56.6	60.2
Production	377.7	359.0	420.2	394.0
Imports	2.3	2.9	2.4	2.4
Supply, Total	437.9	422.4	479.3	456.6
Feed and Residual	142.9	146.6	158.1	152.3
Food, Seed & Industrial	179.6	165.1	173.2	173.7
Domestic, Total	322.5	311.7	331.2	326.0
Exports	55.0	50.6	60.3	60.3
Use, Total	377.5	362.2	391.6	386.3
Ending Stocks	60.5	60.2	87.7	70.3
<b>CORN</b>				
			<i>Million Acres</i>	
Area Planted	88.9	89.7	97.0 *	92.0 *
Area Harvested	81.3	81.3	89.6 *	84.0 *
			<i>Bushels</i>	
Yield per Harvested Acre	176.4	167.4	178.5 *	178.5 *
			<i>Million Bushels</i>	
Beginning Stocks	2,140	2,221	2,103	2,248
Production	14,340	13,617	15,995	15,000
Imports	28	45	25	25
Supply, Total	16,509	15,883	18,123	17,273
Feed and Residual	5,429	5,600	6,050	5,850
Food, Seed & Industrial 2/	6,793	6,260	6,600	6,625
Ethanol & by-products 3/	5,378	4,850	5,200	5,200
Domestic, Total	12,222	11,860	12,650	12,475
Exports	2,066	1,775	2,150	2,150
Use, Total	14,288	13,635	14,800	14,625
Ending Stocks	2,221	2,248	3,323	2,648
Avg. Farm Price (\$/bu) 4/	3.61	3.60	3.20	3.35

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, 2020, "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, 2020, "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 1988-2019 time period, and includes a downward stochastic adjustment to account for the asymmetric response of yield to July precipitation.

## WASDE - 602 - 13

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

	2018/19	2019/20 Est.	2020/21 Proj. Jun	2020/21 Proj. Jul
<b>SORGHUM</b>				
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.7	5.3	5.8 *	5.6 *
Area Harvested (mil. acres)	5.1	4.7	5.2 *	4.8 *
Yield (bushels/acre)	72.1	73.0	67.5 *	67.5 *
Beginning Stocks	35	64	30	30
Production	365	341	351	327
Imports	0	0	0	0
Supply, Total	400	405	381	357
Feed and Residual	138	90	85	70
Food, Seed & Industrial	106	75	50	45
Total Domestic	244	165	135	115
Exports	93	210	220	220
Use, Total	336	375	355	335
Ending Stocks	64	30	26	22
Avg. Farm Price (\$/bu) 2/	3.26	3.25	3.20	3.35
<b>BARLEY</b>				
Area Planted (mil. acres)	2.5	2.7	2.9 *	2.8 *
Area Harvested (mil. acres)	2.0	2.2	2.4 *	2.2 *
Yield (bushels/acre)	77.5	77.7	75.8 *	76.1 *
Beginning Stocks	94	87	92	80
Production	154	170	182	170
Imports	6	7	7	7
Supply, Total	254	263	281	257
Feed and Residual	15	41	40	25
Food, Seed & Industrial	148	136	143	143
Total Domestic	162	177	183	168
Exports	5	6	5	5
Use, Total	167	183	188	173
Ending Stocks	87	80	93	84
Avg. Farm Price (\$/bu) 2/	4.62	4.70	4.30	4.45
<b>OATS</b>				
Area Planted (mil. acres)	2.7	2.8	3.0 *	3.1 *
Area Harvested (mil. acres)	0.9	0.8	1.1 *	1.0 *
Yield (bushels/acre)	64.9	64.3	66.4 *	65.2 *
Beginning Stocks	41	38	29	37
Production	56	53	73	65
Imports	86	92	96	96
Supply, Total	184	183	198	198
Feed and Residual	66	63	75	75
Food, Seed & Industrial	78	81	79	79
Total Domestic	144	144	154	154
Exports	2	2	2	2
Use, Total	146	146	156	156
Ending Stocks	38	37	42	42
Avg. Farm Price (\$/bu) 2/	2.66	2.88	2.50	2.70

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers. \* For June--Planted acres reported in the March 31, 2020, "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 1990-2019. For barley and oats, projected yields are based on the 1990-2019 linear trends. Yields shown reflect production rounding. For July--Sorghum planted and harvested area as reported in the June 30, 2020, "Acreage." Sorghum yield is the median yield for 1990-2019. Barley and oats area planted, area harvested, yield, and production as reported in the July 10, 2020, "Crop Production."

## WASDE - 602 - 14

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

TOTAL RICE	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.	
			Jun	Jul	
		<i>Million Acres</i>			
Area Planted	2.95	2.54	2.85 *	2.92 *	
Area Harvested	2.91	2.47	2.81 *	2.87 *	
		<i>Pounds</i>			
Yield per Harvested Acre	7,692	7,471	7,699 *	7,689 *	
		<i>Million Hundredweight</i>			
Beginning Stocks 2/	29.4	44.9	32.0	30.0	
Production	223.8	184.7	216.2	220.7	
Imports	29.0	34.5	33.6	34.6	
Supply, Total	282.2	264.0	281.8	285.3	
Domestic & Residual 3/	143.8	139.5	139.5	143.5	
Exports, Total 4/	93.6	94.5	99.0	98.0	
Rough	33.3	34.0	36.0	35.5	
Milled (rough equiv.)	60.3	60.5	63.0	62.5	
Use, Total	237.3	234.0	238.5	241.5	
Ending Stocks	44.9	30.0	43.3	43.8	
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00	
Avg. Farm Price (\$/cwt) 6/	12.60	13.10	12.90	12.70	

**LONG-GRAIN RICE**

Harvested Acres (mil.)	2.18	1.73		
Yield (pounds/acre)	7,517	7,261		
Beginning Stocks	20.3	32.6	16.2	14.2
Production	163.6	125.6	155.5	161.8
Supply, Total 7/	207.3	186.2	198.7	204.0
Domestic & Residual 3/	108.5	105.0	105.0	109.0
Exports 8/	66.2	67.0	71.0	70.0
Use, Total	174.7	172.0	176.0	179.0
Ending Stocks	32.6	14.2	22.7	25.0
Avg. Farm Price (\$/cwt) 6/	10.80	12.00	11.80	11.60

**MEDIUM & SHORT-GRAIN RICE**

Harvested Acres (mil.)	0.73	0.74		
Yield (pounds/acre)	8,209	7,960		
Beginning Stocks	7.6	10.2	13.7	13.7
Production	60.3	59.1	60.7	58.9
Supply, Total 7/	72.8	75.7	81.1	79.3
Domestic & Residual 3/	35.3	34.5	34.5	34.5
Exports 8/	27.3	27.5	28.0	28.0
Use, Total	62.6	62.0	62.5	62.5
Ending Stocks	10.2	13.7	18.6	16.8
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.50	16.20	16.00	16.10
California 10/	21.10	18.30	18.00	18.30
Other States 1/	12.30	11.70	11.80	11.50

Note: Totals may not add due to rounding. 1/ Marketing year beginning August 1. 2/ Includes the following quantities of broken kernel rice (type undetermined) not included in estimates of ending stocks by type (in mil. cwt): 2015/16-2.9; 2016/17-3.5; 2017/18-1.4. 3/ Residual includes unreported use, processing losses, and estimating errors. Supply by type may not add to total rice use because of the difference in brokens between beginning and ending stocks. 4/ Includes rough rice and milled rice exports. Milled rice exports are converted to an equivalent rough basis. 5/ Expressed as a percent, i.e., the total quantity of whole kernel and broken rice produced divided by the quantity of rough rice milled. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The medium/short-grain season-average- farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ. For example, the average difference between the preliminary California SAFP forecast and the final price has averaged \$1.00 per cwt from 2014/15-2018/19, with a high of \$3.50 per cwt in 2017/18 and a low of -\$0.20 per cwt in 2015/16. 10/ Marketing year beginning October 1. \* For June-- Planted acres reported in March 31, 2020, "Prospective Plantings." Harvested acres are estimated using long run harvested-to-planted ratios by rice class. For July-- Planted and harvested area reported in June 30, 2020 "Acreage" report. Projected yield is based on by-class trend analysis and prospective planting.

## WASDE - 602 - 15

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

SOYBEANS	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.
			Jun	Jul
			<i>Million Acres</i>	
Area Planted	89.2	76.1	83.5 *	83.8 **
Area Harvested	87.6	75.0	82.8 *	83.0 **
			<i>Bushels</i>	
Yield per Harvested Acre	50.6	47.4	49.8 *	49.8 **
			<i>Million Bushels</i>	
Beginning Stocks	438	909	585	620
Production	4,428	3,552	4,125	4,135
Imports	14	15	15	15
Supply, Total	4,880	4,476	4,725	4,770
Crushings	2,092	2,155	2,145	2,160
Exports	1,752	1,650	2,050	2,050
Seed	88	97	100	100
Residual	39	-46	35	35
Use, Total	3,971	3,857	4,330	4,345
Ending Stocks	909	620	395	425
Avg. Farm Price (\$/bu) 2/	8.48	8.55	8.20	8.50
<b>SOYBEAN OIL</b>				
			<i>Million Pounds</i>	
Beginning Stocks	1,995	1,775	1,940	2,020
Production 4/	24,197	24,695	24,860	25,035
Imports	397	350	400	400
Supply, Total	26,590	26,820	27,200	27,455
Domestic Disappearance	22,874	21,950	23,000	23,000
Biodiesel 3/	7,863	7,400	8,000	8,000
Food, Feed & other Industrial	15,011	14,550	15,000	15,000
Exports	1,940	2,850	2,200	2,400
Use, Total	24,815	24,800	25,200	25,400
Ending stocks	1,775	2,020	2,000	2,055
Avg. Price (c/lb) 2/	28.26	28.75	29.00	29.00
<b>SOYBEAN MEAL</b>				
			<i>Thousand Short Tons</i>	
Beginning Stocks	555	402	375	375
Production 4/	48,814	50,623	50,525	50,975
Imports	683	600	400	400
Supply, Total	50,052	51,625	51,300	51,750
Domestic Disappearance	36,212	37,800	37,800	38,100
Exports	13,438	13,450	13,100	13,250
Use, Total	49,650	51,250	50,900	51,350
Ending Stocks	402	375	400	400
Avg. Price (\$/s.t.) 2/	308.28	300.00	290.00	300.00

Note: Totals may not add due to rounding. Reliability calculations at end of report. 1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and soybean meal. 2/ Prices: soybeans, marketing year weighted average price received by farmers; oil, simple average of crude soybean oil, Decatur; meal, simple average of 48 percent protein, Decatur. 3/ Reflects only biodiesel made from methyl ester as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 2,155 million bushels for 2019/20 and 2,160 million bushels for 2020/21. \*Planted acres are reported in the March 31, 2020 Prospective Plantings report. Harvested acres are based on the 5-year average harvested-to-planted ratio. \*\*Planted and harvested acres are from the June 30, 2020 Acreage report. The projected yield is based on a weather-adjusted trend model.

## WASDE - 602 - 16

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

	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.
			Jun	Jul
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	2,008	1,783	1,632	1,772
Production 2/	8,999	8,002	9,005	9,090
Beet Sugar	4,939	4,256	4,965	5,000
Cane Sugar	4,060	3,746	4,040	4,090
Florida	2,005	2,106	2,105	2,105
Hawaii	0	0	0	0
Louisiana	1,907	1,513	1,800	1,850
Texas	147	127	135	135
Imports	3,070	4,178	3,097	3,059
TRQ 3/	1,541	2,203	1,395	1,580
Other Program 4/	438	350	350	350
Other 5/	1,092	1,625	1,351	1,129
Mexico	1,000	1,395	1,301	1,079
Total Supply	14,077	13,962	13,733	13,921
Exports	35	35	35	35
Deliveries	12,231	12,155	12,230	12,230
Food	12,106	12,050	12,125	12,125
Other 6/	126	105	105	105
Miscellaneous	28	0	0	0
Total Use	12,294	12,190	12,265	12,265
Ending Stocks	1,783	1,772	1,468	1,656
Stocks to Use Ratio	14.5	14.5	12.0	13.5

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2019/20 and 2020/21 are based on Crop Production and/or processor projections/industry data and/or sugar ICEC analysis where appropriate. 3/ For 2019/20, WTO raw sugar TRQ shortfall (84) and for 2020/21 (99). 4/ Composed of sugar under the re-export and polyhydric alcohol programs. 5/ Imports from Mexico; and high-tier tariff sugar and syrups not otherwise specified -- for 2019/20 (230) and 2020/21 (50). 6/ Transfers accompanying deliveries for sugar-containing products to be exported (SCP) and polyhydric alcohol manufacture (POLY), and deliveries for livestock feed and ethanol. Total refiner license transfers for SCP and POLY inclusive of WASDE-reported deliveries: 2018/19 -- 374; estimated 2019/20 -- 340; projected 2020/21 -- 353.

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

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks	
		<i>1,000 Metric Tons, Actual Weight</i>						
Sugar	2019/20 Est.	Jun	1,169	5,230	89	4,422	1,113	953
		Jul	1,169	5,282	89	4,378	1,233	929
2020/21 Proj.		Jun	953	6,100	89	4,575	1,614	953
		Jul	929	6,100	89	4,458	1,731	929

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2018/19 = 1,528; Estimated 2019/20 = 1,470; Projected 2020/21 = 1,470; Estimated Oct-May 2019/20 = 915, Oct-May 2018/19 = 1,005. Footnote source for estimate: Comité Nacional para el Desarrollo Sustentable de la Cana de Azúcar. 2/ Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2019/20 (301 est); 2020/21 (385 proj). Other Deliveries/Ending Year Statistical Adjustments: 2019/20 (0), 2020/21 (0).



## WASDE - 602 - 17

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

	2018/19	2019/20 Est.	2020/21 Proj. Jun	2020/21 Proj. Jul
Area				
			<i>Million Acres</i>	
Planted	14.10	13.74	13.70 *	12.19 **
Harvested	9.99	11.61	11.35 *	10.25 **
			<i>Pounds</i>	
Yield per Harvested Acre	882	823	825 *	820 **
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	4.20	4.85	7.30	7.10
Production	18.37	19.91	19.50	17.50
Imports	0.00	0.01	0.01	0.01
Supply, Total	22.57	24.77	26.81	24.61
Domestic Use	2.98	2.50	2.80	2.80
Exports, Total	14.84	15.20	16.00	15.00
Use, Total	17.81	17.70	18.80	17.80
Unaccounted 2/	-0.09	-0.03	0.01	0.01
Ending Stocks	4.85	7.10	8.00	6.80
Avg. Farm Price 3/	70.3	59.0	57.0	59.0

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton. \*June planted area as reported in March 31, 2020 Prospective Plantings. July planted area as reported in June 30, 2020 Acreage. Harvested area based on 10-year average abandonment by region, with adjustment for weather in the Southwest. Yield based on 10-year average yields by region.

## WASDE - 602 - 18

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

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	284.11	730.89	170.73	139.50	735.20	173.58	279.80
World Less China	152.91	599.46	167.58	119.50	610.20	172.58	140.04
United States	29.91	51.31	3.66	2.41	29.99	25.50	29.39
Total Foreign	254.20	679.59	167.07	137.09	705.21	148.08	250.42
Major Exporters 4/	39.91	302.73	7.31	81.73	194.57	120.77	34.61
Argentina	0.47	19.50	0.01	0.05	6.05	12.19	1.74
Australia	5.55	17.60	0.50	5.70	9.20	9.01	5.44
Canada	6.73	32.20	0.48	3.98	8.97	24.40	6.04
European Union 5/	13.89	136.69	5.76	51.50	121.05	23.31	11.98
Russia	12.03	71.69	0.45	18.00	40.50	35.84	7.82
Ukraine	1.24	25.06	0.11	2.50	8.80	16.02	1.59
Major Importers 6/	177.50	199.78	111.34	38.34	294.31	12.33	181.98
Bangladesh	2.23	1.10	5.10	0.28	7.18	0.00	1.26
Brazil	1.31	5.43	7.02	0.50	12.10	0.60	1.06
China	131.20	131.43	3.15	20.00	125.00	1.01	139.77
Japan	1.23	0.86	5.73	0.68	6.48	0.29	1.05
N. Africa 7/	14.87	21.00	26.96	2.25	46.15	1.19	15.48
Nigeria	0.20	0.06	4.66	0.05	4.32	0.40	0.20
Sel. Mideast 8/	15.07	17.88	17.23	3.45	37.70	0.58	11.89
Southeast Asia 9/	5.51	0.00	26.37	8.14	25.34	1.10	5.44
Selected Other							
India	13.23	99.87	0.02	5.00	95.63	0.50	16.99
Kazakhstan	2.54	13.95	0.09	1.80	6.60	8.30	1.68
<b>2019/20 Est.</b>							
World 3/	279.80	764.83	183.27	140.23	747.51	188.08	297.12
World Less China	140.04	631.24	178.47	121.23	621.51	187.08	145.97
United States	29.39	52.26	2.86	2.00	29.82	26.28	28.41
Total Foreign	250.42	712.57	180.41	138.23	717.69	161.81	268.71
Major Exporters 4/	34.61	325.01	6.53	82.05	196.20	138.90	31.04
Argentina	1.74	19.75	0.01	0.05	6.30	13.50	1.69
Australia	5.44	15.20	0.50	4.90	8.40	9.20	3.54
Canada	6.04	32.35	0.68	5.30	10.40	23.20	5.46
European Union 5/	11.98	154.94	4.90	52.00	122.00	38.00	11.82
Russia	7.82	73.61	0.35	17.00	40.00	34.50	7.28
Ukraine	1.59	29.17	0.09	2.80	9.10	20.50	1.25
Major Importers 6/	181.98	203.47	121.34	37.16	298.11	12.45	196.23
Bangladesh	1.26	1.20	6.70	0.30	7.40	0.00	1.76
Brazil	1.06	5.20	7.20	0.50	12.10	0.42	0.94
China	139.77	133.59	4.80	19.00	126.00	1.00	151.16
Japan	1.05	1.10	5.70	0.60	6.30	0.29	1.26
N. Africa 7/	15.48	18.40	28.15	2.25	46.95	0.99	14.09
Nigeria	0.20	0.06	5.20	0.05	4.86	0.40	0.20
Sel. Mideast 8/	11.89	22.18	17.27	3.42	38.21	0.72	12.42
Southeast Asia 9/	5.44	0.00	26.50	7.84	25.34	1.11	5.49
Selected Other							
India	16.99	103.60	0.02	6.00	96.11	0.50	24.00
Kazakhstan	1.68	11.45	0.45	1.60	6.40	6.00	1.19

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 - 602 - 19

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

<b>2020/21 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jun	295.84	773.43	183.43	136.47	753.19	188.85	316.09
	Jul	297.12	769.31	183.27	135.10	751.59	188.04	314.84
World Less China	Jun	144.99	637.43	177.43	116.47	623.19	187.85	154.23
	Jul	145.97	633.31	177.27	115.10	621.59	187.04	152.69
United States	Jun	26.75	51.09	3.81	2.72	30.62	25.86	25.17
	Jul	28.41	49.63	3.81	2.45	30.35	25.86	25.65
Total Foreign	Jun	269.09	722.35	179.62	133.75	722.57	162.99	290.92
	Jul	268.71	719.68	179.46	132.65	721.25	162.18	289.19
Major Exporters 4/	Jun	32.39	325.50	6.73	77.65	191.65	137.50	35.47
	Jul	31.04	323.50	6.73	76.65	190.65	137.00	33.62
Argentina	Jun	1.45	21.00	0.01	0.05	6.20	14.50	1.75
	Jul	1.69	21.00	0.01	0.05	6.20	14.50	2.00
Australia	Jun	3.54	26.00	0.20	3.50	7.05	17.00	5.69
	Jul	3.54	26.00	0.20	3.50	7.05	17.50	5.19
Canada	Jun	5.54	34.00	0.45	4.60	9.80	24.50	5.69
	Jul	5.46	34.00	0.45	4.60	9.80	24.50	5.61
European Union 5/	Jun	12.35	141.00	5.50	49.50	119.30	28.00	11.55
	Jul	11.82	139.50	5.50	48.50	118.30	27.00	11.52
Russia	Jun	8.28	77.00	0.50	17.50	40.50	36.00	9.28
	Jul	7.28	76.50	0.50	17.50	40.50	36.00	7.78
Ukraine	Jun	1.23	26.50	0.08	2.50	8.80	17.50	1.51
	Jul	1.25	26.50	0.08	2.50	8.80	17.50	1.52
Major Importers 6/	Jun	195.35	206.28	120.49	36.76	302.70	12.91	206.51
	Jul	196.23	205.58	120.29	36.66	302.65	12.61	206.84
Bangladesh	Jun	1.76	1.25	6.60	0.30	7.50	0.00	2.11
	Jul	1.76	1.25	6.60	0.30	7.50	0.00	2.11
Brazil	Jun	0.91	5.50	7.10	0.50	12.10	0.60	0.81
	Jul	0.94	5.70	7.10	0.50	12.10	0.60	1.04
China	Jun	150.86	136.00	6.00	20.00	130.00	1.00	161.86
	Jul	151.16	136.00	6.00	20.00	130.00	1.00	162.16
Japan	Jun	1.22	0.87	5.60	0.60	6.25	0.28	1.16
	Jul	1.26	0.87	5.60	0.60	6.25	0.28	1.20
N. Africa 7/	Jun	13.95	17.43	29.70	1.95	47.15	0.99	12.94
	Jul	14.09	16.78	29.40	1.75	46.90	0.99	12.38
Nigeria	Jun	0.20	0.06	5.10	0.05	4.76	0.40	0.20
	Jul	0.20	0.06	5.10	0.05	4.76	0.40	0.20
Sel. Mideast 8/	Jun	12.36	22.35	18.14	3.42	39.10	0.67	13.07
	Jul	12.42	22.35	18.14	3.42	39.10	0.67	13.13
Southeast Asia 9/	Jun	5.54	0.00	26.35	7.04	24.89	1.07	5.93
	Jul	5.49	0.00	26.35	7.04	24.89	1.07	5.88
Selected Other								
India	Jun	24.00	107.18	0.03	6.50	99.50	1.00	30.71
	Jul	24.00	107.18	0.03	6.50	99.50	1.00	30.71
Kazakhstan	Jun	1.14	13.50	0.10	1.50	6.30	7.10	1.34
	Jul	1.19	13.50	0.10	1.50	6.30	7.10	1.39

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 - 602 - 20

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

<b>2018/19</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	370.71	1,397.10	192.69	851.84	1,420.44	212.00	347.37
World Less China	147.73	1,132.59	182.15	656.39	1,133.07	211.94	136.78
United States	57.92	377.91	2.63	143.10	323.02	54.97	60.47
Total Foreign	312.79	1,019.20	190.06	708.74	1,097.42	157.03	286.90
Major Exporters 4/	27.12	293.19	5.72	127.48	171.92	134.02	20.08
Argentina	3.37	59.22	0.01	12.28	18.09	40.89	3.61
Australia	2.29	11.51	0.01	5.29	7.30	4.08	2.43
Brazil	9.71	104.33	2.32	59.95	70.98	39.72	5.65
Canada	4.57	26.20	2.69	16.20	24.15	5.97	3.34
Russia	1.37	35.00	0.05	18.80	27.37	7.84	1.22
Ukraine	2.91	44.50	0.06	7.93	10.96	34.07	2.45
Major Importers 5/	39.96	243.51	142.98	295.56	379.76	10.32	36.36
European Union 6/	16.33	148.27	26.44	127.00	168.69	8.82	13.53
Japan	1.82	0.18	17.73	13.78	17.89	0.00	1.84
Mexico	6.18	33.40	17.41	31.27	50.51	0.72	5.76
N. Afr & Mideast 7/	7.76	31.08	38.82	61.98	70.10	0.10	7.46
Saudi Arabia	2.63	0.29	10.17	10.75	11.13	0.00	1.97
Southeast Asia 8/	2.56	29.99	16.84	37.89	45.72	0.68	2.99
South Korea	1.86	0.21	10.96	8.60	11.18	0.00	1.85
Selected Other							
China	222.98	264.51	10.54	195.45	287.37	0.07	210.59
<b>2019/20 Est.</b>							
World 3/	347.37	1,406.81	203.97	870.78	1,412.40	206.04	341.79
World Less China	136.78	1,138.62	187.77	674.38	1,121.85	205.98	137.41
United States	60.47	359.30	3.19	146.78	312.20	50.58	60.18
Total Foreign	286.90	1,047.51	200.78	724.00	1,100.20	155.46	281.61
Major Exporters 4/	20.08	304.06	3.92	130.90	174.96	130.26	22.84
Argentina	3.61	56.75	0.01	12.05	17.64	39.71	3.02
Australia	2.43	10.44	0.01	5.00	6.97	3.52	2.38
Brazil	5.65	104.57	1.90	61.01	72.14	34.01	5.97
Canada	3.34	28.51	1.67	16.89	23.75	5.05	4.72
Russia	1.22	40.50	0.17	22.19	31.19	8.49	2.21
Ukraine	2.45	46.55	0.03	6.89	10.01	36.98	2.03
Major Importers 5/	36.36	255.37	146.73	304.06	390.32	14.02	34.13
European Union 6/	13.53	161.24	22.21	127.25	170.56	12.66	13.76
Japan	1.84	0.22	17.62	13.75	17.87	0.00	1.81
Mexico	5.76	30.41	18.11	31.97	51.20	0.70	2.38
N. Afr & Mideast 7/	7.46	33.33	42.84	67.11	75.51	0.09	8.02
Saudi Arabia	1.97	0.27	11.51	11.15	11.51	0.00	2.24
Southeast Asia 8/	2.99	29.62	18.86	39.56	47.60	0.57	3.29
South Korea	1.85	0.20	11.51	9.04	11.64	0.00	1.92
Selected Other							
China	210.59	268.20	16.20	196.40	290.55	0.06	204.38

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

## WASDE - 602 - 21

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

<b>2020/21 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	343.73	1,484.61	210.96	895.73	1,457.24	217.64	371.09
	Jul	341.79	1,458.40	211.66	893.30	1,453.64	218.01	346.55
World Less China	Jun	136.15	1,217.23	193.61	698.23	1,163.56	217.57	172.54
	Jul	137.41	1,191.03	194.31	694.80	1,158.96	217.94	152.20
United States	Jun	56.63	420.50	2.70	158.23	331.75	60.34	87.73
	Jul	60.18	394.27	2.72	152.50	326.54	60.34	70.29
Total Foreign	Jun	287.10	1,064.11	208.26	737.50	1,125.49	157.29	283.37
	Jul	281.61	1,064.13	208.94	740.80	1,127.10	157.66	276.26
Major Exporters 4/	Jun	23.26	314.44	3.45	133.46	179.50	133.54	28.10
	Jul	22.84	314.83	3.95	134.33	179.89	133.96	27.77
Argentina	Jun	4.32	56.70	0.01	13.49	19.75	36.71	4.57
	Jul	3.02	56.70	0.01	13.49	19.25	36.71	3.77
Australia	Jun	2.38	13.66	0.00	5.88	7.87	5.15	3.02
	Jul	2.38	13.66	0.00	5.88	7.87	5.15	3.02
Brazil	Jun	4.87	110.41	2.20	61.08	72.22	38.01	7.25
	Jul	5.97	110.41	2.20	61.08	72.22	38.01	8.35
Canada	Jun	4.72	30.30	1.06	17.03	24.99	4.98	6.11
	Jul	4.72	29.90	1.56	17.11	25.09	5.40	5.69
Russia	Jun	2.32	39.20	0.07	21.80	30.95	8.28	2.36
	Jul	2.21	40.00	0.07	22.60	31.75	8.28	2.25
Ukraine	Jun	2.14	49.55	0.02	7.50	10.73	38.11	2.87
	Jul	2.03	49.55	0.02	7.49	10.72	38.11	2.77
Major Importers 5/	Jun	35.82	263.02	150.67	311.84	400.39	11.79	37.33
	Jul	34.13	262.34	151.35	313.18	401.14	11.59	35.08
European Union 6/	Jun	14.99	164.44	23.31	131.75	176.10	10.44	16.19
	Jul	13.76	163.91	23.29	131.75	176.20	10.24	14.51
Japan	Jun	1.81	0.20	17.67	13.75	17.87	0.00	1.81
	Jul	1.81	0.20	17.67	13.75	17.87	0.00	1.81
Mexico	Jun	2.68	33.60	18.80	32.27	51.65	0.60	2.83
	Jul	2.38	33.60	18.80	32.27	51.65	0.60	2.53
N. Afr & Mideast 7/	Jun	8.20	33.92	44.66	69.44	78.07	0.12	8.60
	Jul	8.02	33.77	45.26	69.89	78.52	0.12	8.42
Saudi Arabia	Jun	2.24	0.27	11.21	11.05	11.41	0.00	2.31
	Jul	2.24	0.27	11.21	11.05	11.41	0.00	2.31
Southeast Asia 8/	Jun	3.27	30.31	18.73	39.77	48.62	0.63	3.05
	Jul	3.29	30.31	18.83	40.66	48.82	0.63	2.97
South Korea	Jun	1.92	0.20	11.91	9.45	12.09	0.00	1.95
	Jul	1.92	0.20	11.91	9.45	12.09	0.00	1.95
Selected Other								
China	Jun	207.58	267.38	17.35	197.50	293.68	0.07	198.55
	Jul	204.38	267.38	17.35	198.50	294.68	0.07	194.35

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

## WASDE - 602 - 22

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

<b>2018/19</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	341.22	1,123.28	162.92	702.96	1,144.39	181.05	320.11
World Less China	118.69	865.95	158.44	511.96	870.39	181.03	109.79
United States	54.37	364.26	0.71	137.91	310.45	52.48	56.41
Total Foreign	286.85	759.02	162.21	565.06	833.94	128.57	263.70
Major Exporters 4/	16.16	211.04	2.25	85.90	107.60	111.47	10.38
Argentina	2.41	51.00	0.01	9.70	13.80	37.24	2.37
Brazil	9.32	101.00	1.66	57.00	67.00	39.68	5.29
Russia	0.20	11.42	0.04	7.60	8.50	2.77	0.38
South Africa	2.67	11.82	0.51	7.00	12.50	1.45	1.06
Ukraine	1.57	35.81	0.04	4.60	5.80	30.32	1.29
Major Importers 5/	23.91	128.86	99.11	170.33	224.97	5.03	21.89
Egypt	1.85	6.80	9.37	13.70	16.20	0.00	1.81
European Union 6/	9.82	64.36	25.21	68.00	88.00	3.63	7.76
Japan	1.39	0.00	16.05	12.30	16.00	0.00	1.44
Mexico	5.65	27.60	16.66	25.90	44.10	0.72	5.09
Southeast Asia 7/	2.55	29.94	16.46	37.60	45.30	0.68	2.98
South Korea	1.85	0.08	10.86	8.56	10.95	0.00	1.84
Selected Other							0.00
Canada	2.42	13.89	2.63	9.37	15.16	1.80	1.98
China	222.53	257.33	4.48	191.00	274.00	0.02	210.32
<b>2019/20 Est.</b>							
World 3/	320.11	1,113.55	169.23	706.55	1,121.72	171.19	311.95
World Less China	109.79	852.78	162.23	517.55	847.72	171.17	107.88
United States	56.41	345.89	1.14	142.25	301.26	45.09	57.10
Total Foreign	263.70	767.65	168.08	564.30	820.46	126.10	254.84
Major Exporters 4/	10.38	217.41	1.27	86.30	108.25	109.70	11.11
Argentina	2.37	50.00	0.01	9.50	13.50	37.00	1.87
Brazil	5.29	101.00	1.20	58.00	68.00	34.00	5.49
Russia	0.38	14.28	0.04	8.70	9.70	4.20	0.79
South Africa	1.06	16.25	0.00	6.80	12.60	2.50	2.21
Ukraine	1.29	35.89	0.02	3.30	4.45	32.00	0.75
Major Importers 5/	21.89	127.79	98.25	168.00	223.80	6.28	17.86
Egypt	1.81	6.40	10.30	14.60	17.10	0.01	1.40
European Union 6/	7.76	66.67	21.50	62.50	83.70	5.00	7.23
Japan	1.44	0.00	16.00	12.30	16.00	0.00	1.44
Mexico	5.09	25.00	17.00	26.50	44.50	0.70	1.89
Southeast Asia 7/	2.98	29.57	18.05	38.90	46.75	0.57	3.28
South Korea	1.84	0.07	11.40	9.00	11.40	0.00	1.91
Selected Other							0.00
Canada	1.98	13.38	1.60	9.00	13.80	0.90	2.26
China	210.32	260.77	7.00	189.00	274.00	0.02	204.07

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

## WASDE - 602 - 23

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

<b>2020/21 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jun	312.91	1,188.48	176.56	730.42	1,163.51	182.50	337.87
	Jul	311.95	1,163.21	176.86	727.54	1,160.12	182.45	315.04
World Less China	Jun	105.84	928.48	169.56	541.42	887.51	182.48	139.82
	Jul	107.88	903.21	169.86	537.54	883.12	182.43	120.99
United States	Jun	53.42	406.29	0.64	153.68	321.33	54.61	84.41
	Jul	57.10	381.02	0.64	148.60	316.88	54.61	67.26
Total Foreign	Jun	259.49	782.18	175.93	576.74	842.19	127.89	253.46
	Jul	254.84	782.19	176.23	578.94	843.24	127.84	247.78
Major Exporters 4/	Jun	11.51	224.50	1.56	88.50	111.00	111.70	14.87
	Jul	11.11	225.30	1.56	89.30	111.30	111.70	14.97
Argentina	Jun	3.37	50.00	0.01	11.00	15.50	34.00	3.88
	Jul	1.87	50.00	0.01	11.00	15.00	34.00	2.88
Brazil	Jun	4.39	107.00	1.50	58.00	68.00	38.00	6.89
	Jul	5.49	107.00	1.50	58.00	68.00	38.00	7.99
Russia	Jun	0.79	14.50	0.04	8.90	10.00	4.40	0.93
	Jul	0.79	15.30	0.04	9.70	10.80	4.40	0.93
South Africa	Jun	2.21	14.00	0.00	6.60	12.30	2.30	1.61
	Jul	2.21	14.00	0.00	6.60	12.30	2.30	1.61
Ukraine	Jun	0.75	39.00	0.02	4.00	5.20	33.00	1.56
	Jul	0.75	39.00	0.02	4.00	5.20	33.00	1.56
Major Importers 5/	Jun	18.90	133.12	102.25	172.75	229.80	5.64	18.83
	Jul	17.86	133.12	102.35	172.95	230.00	5.44	17.88
Egypt	Jun	1.40	6.40	11.00	14.70	17.20	0.01	1.59
	Jul	1.40	6.40	11.00	14.70	17.20	0.01	1.59
European Union 6/	Jun	7.99	68.30	23.00	65.00	87.00	4.40	7.89
	Jul	7.23	68.30	23.00	65.00	87.00	4.20	7.33
Japan	Jun	1.44	0.00	16.00	12.30	16.00	0.00	1.45
	Jul	1.44	0.00	16.00	12.30	16.00	0.00	1.45
Mexico	Jun	2.19	28.00	18.30	27.30	45.55	0.60	2.34
	Jul	1.89	28.00	18.30	27.30	45.55	0.60	2.04
Southeast Asia 7/	Jun	3.26	30.26	17.85	39.70	47.70	0.63	3.04
	Jul	3.28	30.26	17.95	39.90	47.90	0.63	2.96
South Korea	Jun	1.91	0.08	11.80	9.40	11.85	0.00	1.93
	Jul	1.91	0.08	11.80	9.40	11.85	0.00	1.93
Selected Other								
Canada	Jun	2.06	15.60	1.00	9.40	14.80	1.00	2.86
	Jul	2.26	14.60	1.50	9.40	14.80	1.00	2.56
China	Jun	207.07	260.00	7.00	189.00	276.00	0.02	198.05
	Jul	204.07	260.00	7.00	190.00	277.00	0.02	194.05

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

## WASDE - 602 - 24

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

<b>2018/19</b>	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	164.11	496.63	43.75	483.94	43.71	176.80
World Less China	55.11	348.14	40.55	341.02	40.94	61.80
United States	0.93	7.11	0.92	4.57	2.97	1.42
Total Foreign	163.17	489.53	42.83	479.37	40.74	175.38
Major Exporters 4/	28.88	184.66	0.76	145.41	31.76	37.14
Burma	0.81	13.20	0.01	10.25	2.70	1.07
India	22.60	116.48	0.00	99.16	10.42	29.50
Pakistan	1.42	7.30	0.00	3.30	4.49	0.93
Thailand	3.01	20.34	0.25	11.50	7.56	4.54
Vietnam	1.03	27.34	0.50	21.20	6.58	1.10
Major Importers 5/	122.58	239.15	17.11	247.82	3.18	127.83
China	109.00	148.49	3.20	142.92	2.77	115.00
European Union 6/	1.18	1.97	2.15	3.80	0.30	1.19
Indonesia	5.56	34.20	0.60	36.30	0.00	4.06
Nigeria	1.58	4.54	1.90	6.80	0.00	1.22
Philippines	2.29	11.73	3.60	14.10	0.00	3.52
Sel. Mideast 7/	0.90	2.01	3.91	5.90	0.00	0.91
Selected Other						0.00
Brazil	0.59	7.14	0.75	7.40	0.88	0.20
C. Amer & Carib 8/	0.63	1.65	1.79	3.37	0.04	0.67
Egypt	1.56	2.80	0.81	4.15	0.02	1.00
Japan	2.22	7.66	0.63	8.40	0.07	2.05
Mexico	0.15	0.19	0.74	0.92	0.03	0.14
South Korea	1.56	3.87	0.29	4.57	0.05	1.09

**2019/20 Est.**

World 3/	176.80	495.23	40.17	490.36	41.69	181.67
World Less China	61.80	348.50	37.77	345.43	38.99	65.17
United States	1.42	5.86	1.10	4.43	3.00	0.95
Total Foreign	175.38	489.36	39.08	485.93	38.69	180.72
Major Exporters 4/	37.14	183.21	0.66	148.49	30.30	42.22
Burma	1.07	12.70	0.01	10.45	2.20	1.13
India	29.50	117.94	0.00	102.34	10.10	35.00
Pakistan	0.93	7.20	0.00	3.00	4.40	0.73
Thailand	4.54	18.00	0.25	11.50	6.90	4.39
Vietnam	1.10	27.37	0.40	21.20	6.70	0.97
Major Importers 5/	127.83	238.53	13.66	249.18	3.11	127.74
China	115.00	146.73	2.40	144.93	2.70	116.50
European Union 6/	1.19	1.97	2.20	3.90	0.30	1.16
Indonesia	4.06	33.50	0.80	35.30	0.00	3.06
Nigeria	1.22	5.04	1.20	6.70	0.00	0.76
Philippines	3.52	11.70	2.50	14.30	0.00	3.42
Sel. Mideast 7/	0.91	2.34	3.20	5.60	0.00	0.85
Selected Other						0.00
Brazil	0.20	7.56	0.70	7.45	0.70	0.31
C. Amer & Carib 8/	0.67	1.49	1.83	3.31	0.03	0.64
Egypt	1.00	4.30	0.20	4.35	0.02	1.13
Japan	2.05	7.61	0.69	8.30	0.07	1.97
Mexico	0.14	0.17	0.79	0.93	0.01	0.16
South Korea	1.09	3.74	0.48	4.10	0.06	1.16

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



## WASDE - 602 - 25

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

<b>2020/21 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	181.26	502.09	42.01	497.99	44.90	185.35
	Jul	181.67	502.63	42.04	498.47	44.89	185.83
World Less China	Jun	64.76	353.09	39.81	350.89	41.80	67.85
	Jul	65.17	353.63	39.84	351.37	41.79	68.33
United States	Jun	1.02	6.86	1.07	4.43	3.14	1.38
	Jul	0.95	7.01	1.10	4.56	3.11	1.39
Total Foreign	Jun	180.24	495.22	40.94	493.57	41.76	183.97
	Jul	180.72	495.62	40.94	493.91	41.78	184.44
Major Exporters 4/	Jun	42.22	186.20	0.61	150.70	32.90	45.43
	Jul	42.22	186.20	0.61	150.70	32.90	45.43
Burma	Jun	1.13	13.10	0.01	10.60	2.20	1.44
	Jul	1.13	13.10	0.01	10.60	2.20	1.44
India	Jun	35.00	118.00	0.00	104.00	11.00	38.00
	Jul	35.00	118.00	0.00	104.00	11.00	38.00
Pakistan	Jun	0.73	7.50	0.00	3.10	4.30	0.83
	Jul	0.73	7.50	0.00	3.10	4.30	0.83
Thailand	Jun	4.39	20.40	0.20	11.80	9.00	4.19
	Jul	4.39	20.40	0.20	11.80	9.00	4.19
Vietnam	Jun	0.97	27.20	0.40	21.20	6.40	0.97
	Jul	0.97	27.20	0.40	21.20	6.40	0.97
Major Importers 5/	Jun	127.49	241.64	14.36	252.05	3.51	127.93
	Jul	127.74	241.64	14.36	252.15	3.51	128.08
China	Jun	116.50	149.00	2.20	147.10	3.10	117.50
	Jul	116.50	149.00	2.20	147.10	3.10	117.50
European Union 6/	Jun	1.16	1.97	2.25	4.00	0.30	1.08
	Jul	1.16	1.97	2.25	4.00	0.30	1.08
Indonesia	Jun	3.06	34.90	0.50	35.30	0.00	3.16
	Jul	3.06	34.90	0.50	35.30	0.00	3.16
Nigeria	Jun	0.76	5.04	1.40	6.60	0.00	0.60
	Jul	0.76	5.04	1.40	6.60	0.00	0.60
Philippines	Jun	3.17	11.00	3.00	14.30	0.00	2.87
	Jul	3.42	11.00	3.00	14.40	0.00	3.02
Sel. Mideast 7/	Jun	0.85	2.33	3.60	6.00	0.00	0.78
	Jul	0.85	2.33	3.60	6.00	0.00	0.78
Selected Other							
Brazil	Jun	0.36	7.21	0.80	7.45	0.55	0.37
	Jul	0.31	7.21	0.80	7.50	0.55	0.27
C. Amer & Carib 8/	Jun	0.64	1.58	1.90	3.45	0.03	0.64
	Jul	0.64	1.57	1.90	3.44	0.03	0.64
Egypt	Jun	1.13	4.30	0.20	4.50	0.02	1.11
	Jul	1.13	4.30	0.20	4.50	0.02	1.11
Japan	Jun	1.97	7.65	0.69	8.25	0.08	1.98
	Jul	1.97	7.65	0.69	8.25	0.08	1.98
Mexico	Jun	0.16	0.19	0.80	0.95	0.01	0.19
	Jul	0.16	0.19	0.80	0.95	0.01	0.19
South Korea	Jun	1.23	3.74	0.41	4.00	0.06	1.33
	Jul	1.16	3.86	0.45	4.00	0.06	1.41

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

## WASDE - 602 - 26

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

<b>2018/19</b>	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	80.92	118.65	42.47	120.38	41.22	0.04	80.40
World Less China	42.93	90.90	32.83	80.88	41.01	0.04	44.73
United States	4.20	18.37	3/	2.98	14.84	-0.09	4.85
Total Foreign	76.72	100.29	42.47	117.40	26.38	0.14	75.55
Major Exporters 4/	26.93	54.61	2.48	33.02	22.14	0.02	28.83
Central Asia 5/	2.67	5.44	3/	3.80	2.01	0.00	2.30
Afr. Fr. Zone 6/	1.61	5.43	3/	0.17	5.31	0.00	1.56
S. Hemis. 7/	13.19	17.31	0.18	4.39	10.86	0.01	15.41
Australia	3.04	2.20	3/	0.04	3.63	0.00	1.57
Brazil	8.66	13.00	0.02	3.40	6.02	0.00	12.26
India	9.23	25.80	1.80	24.00	3.51	0.00	9.31
Major Importers 8/	47.95	42.69	37.46	80.22	3.01	0.11	44.76
Mexico	0.66	1.74	0.85	2.00	0.52	0.03	0.69
China	37.99	27.75	9.64	39.50	0.21	0.00	35.67
European Union 9/	0.30	1.71	0.64	0.70	1.72	0.03	0.21
Turkey	1.78	3.75	3.50	6.90	0.48	0.00	1.64
Pakistan	2.83	7.60	2.85	10.70	0.06	0.03	2.50
Indonesia	0.63	3/	3.05	3.15	0.01	0.00	0.53
Thailand	0.20	3/	1.08	1.08	0.00	0.03	0.18
Bangladesh	1.86	0.14	7.20	7.40	0.00	0.01	1.78
Vietnam	1.29	3/	6.90	7.00	0.00	0.00	1.19
<b>2019/20 Est.</b>							
World	80.40	122.96	40.00	102.36	39.98	0.10	100.92
World Less China	44.73	95.71	32.75	69.36	39.81	0.10	63.92
United States	4.85	19.91	0.01	2.50	15.20	-0.03	7.10
Total Foreign	75.55	103.05	39.99	99.86	24.78	0.13	93.82
Major Exporters 4/	28.83	59.32	3.00	28.57	20.53	0.02	42.03
Central Asia 5/	2.30	5.97	3/	3.94	1.53	0.00	2.81
Afr. Fr. Zone 6/	1.56	6.06	3/	0.14	4.77	0.00	2.70
S. Hemis. 7/	15.41	16.34	0.15	3.89	10.95	0.01	17.05
Australia	1.57	0.63	3/	0.04	1.25	0.00	0.91
Brazil	12.26	13.20	0.01	3.00	8.75	0.00	13.71
India	9.31	30.50	2.40	20.00	3.00	0.00	19.21
Major Importers 8/	44.76	40.62	34.37	67.59	2.90	0.11	49.16
Mexico	0.69	1.57	0.55	1.50	0.53	0.03	0.76
China	35.67	27.25	7.25	33.00	0.18	0.00	37.00
European Union 9/	0.21	2.00	0.61	0.61	1.73	0.03	0.44
Turkey	1.64	3.45	4.30	6.40	0.38	0.00	2.62
Pakistan	2.50	6.20	3.60	9.00	0.05	0.03	3.22
Indonesia	0.53	3/	2.85	2.70	0.01	0.00	0.68
Thailand	0.18	3/	0.70	0.75	0.00	0.03	0.10
Bangladesh	1.78	0.14	6.70	6.20	0.00	0.01	2.42
Vietnam	1.19	3/	6.50	6.10	0.00	0.00	1.59

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

## WASDE - 602 - 27

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

<b>2020/21 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Jun	100.56	118.74	42.82	114.41	42.90	0.14	104.67
	Jul	100.92	116.25	41.84	114.29	41.81	0.14	102.77
World Less China	Jun	63.31	92.24	33.82	77.41	42.78	0.14	69.05
	Jul	63.92	89.75	32.84	77.29	41.68	0.14	67.40
United States	Jun	7.30	19.50	0.01	2.80	16.00	0.01	8.00
	Jul	7.10	17.50	0.01	2.80	15.00	0.01	6.80
Total Foreign	Jun	93.26	99.24	42.81	111.61	26.90	0.13	96.67
	Jul	93.82	98.75	41.84	111.49	26.81	0.13	95.97
Major Exporters 4/	Jun	41.83	56.79	1.81	32.04	22.88	0.02	45.50
	Jul	42.03	56.52	1.81	32.03	22.78	0.02	45.52
Central Asia 5/	Jun	2.81	5.67	3/	4.14	1.36	0.00	2.98
	Jul	2.81	5.67	3/	4.14	1.36	0.00	2.98
Afr. Fr. Zone 6/	Jun	2.60	6.07	3/	0.14	5.54	0.00	2.98
	Jul	2.70	6.07	3/	0.14	5.54	0.00	3.08
S. Hemis. 7/	Jun	17.16	16.20	0.16	4.13	11.21	0.01	18.17
	Jul	17.05	15.93	0.16	4.12	11.12	0.01	17.89
Australia	Jun	0.91	1.70	3/	0.04	1.00	0.00	1.58
	Jul	0.91	1.70	3/	0.04	1.00	0.00	1.58
Brazil	Jun	13.88	12.00	0.03	3.20	9.00	0.00	13.71
	Jul	13.71	12.00	0.03	3.20	9.00	0.00	13.54
India	Jun	19.01	28.50	1.10	23.00	4.50	0.00	21.11
	Jul	19.21	28.50	1.10	23.00	4.50	0.00	21.31
Major Importers 8/	Jun	48.47	39.35	38.56	75.60	2.53	0.11	48.14
	Jul	49.16	39.14	37.59	75.50	2.53	0.11	47.74
Mexico	Jun	0.61	1.15	0.90	1.80	0.20	0.03	0.64
	Jul	0.76	1.05	0.65	1.70	0.20	0.03	0.54
China	Jun	37.25	26.50	9.00	37.00	0.13	0.00	35.62
	Jul	37.00	26.50	9.00	37.00	0.13	0.00	35.37
European Union 9/	Jun	0.46	1.95	0.61	0.66	1.77	0.03	0.57
	Jul	0.44	1.94	0.59	0.66	1.77	0.03	0.51
Turkey	Jun	2.34	3.30	4.20	6.90	0.33	0.00	2.62
	Jul	2.62	3.00	4.10	6.90	0.33	0.00	2.49
Pakistan	Jun	2.90	6.30	4.50	10.30	0.10	0.03	3.27
	Jul	3.22	6.50	3.90	10.30	0.10	0.03	3.20
Indonesia	Jun	0.68	3/	3.05	3.00	0.01	0.00	0.73
	Jul	0.68	3/	3.05	3.00	0.01	0.00	0.73
Thailand	Jun	0.10	3/	0.93	0.85	0.00	0.03	0.16
	Jul	0.10	3/	0.93	0.85	0.00	0.03	0.16
Bangladesh	Jun	2.22	0.15	7.10	7.00	0.00	0.01	2.45
	Jul	2.42	0.15	7.10	7.00	0.00	0.01	2.65
Vietnam	Jun	1.59	3/	7.00	6.80	0.00	0.00	1.79
	Jul	1.59	3/	7.00	6.80	0.00	0.00	1.79

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

## WASDE - 602 - 28

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

<b>2018/19</b>		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		98.60	360.55	144.61	297.33	342.62	148.41	112.74
World Less China		75.54	344.58	62.07	212.33	240.62	148.30	93.28
United States		11.92	120.52	0.38	56.94	60.40	47.68	24.74
Total Foreign		86.68	240.03	144.23	240.40	282.21	100.74	88.00
Major Exporters 3/		56.87	185.98	6.56	86.79	96.22	91.35	61.84
Argentina		23.73	55.30	6.41	40.57	47.45	9.10	28.89
Brazil		32.74	119.00	0.14	42.53	44.87	74.59	32.42
Paraguay		0.39	8.85	0.01	3.62	3.82	4.90	0.53
Major Importers 4/		25.67	19.84	114.98	113.03	138.08	0.32	22.09
China		23.06	15.97	82.54	85.00	102.00	0.12	19.46
European Union		1.40	2.66	14.98	15.60	17.26	0.18	1.61
Southeast Asia		0.84	0.66	8.27	3.81	9.08	0.02	0.67
Mexico		0.17	0.34	5.87	6.15	6.20	0.00	0.18
<b>2019/20 Est.</b>								
World 2/		112.74	337.14	157.62	304.16	348.41	159.41	99.67
World Less China		93.28	319.04	61.62	215.66	242.21	159.30	72.43
United States		24.74	96.68	0.41	58.65	60.05	44.91	16.87
Total Foreign		88.00	240.46	157.21	245.52	288.36	114.51	82.81
Major Exporters 3/		61.84	187.90	4.28	88.88	98.92	105.83	49.27
Argentina		28.89	50.00	4.00	40.80	47.89	9.00	26.00
Brazil		32.42	126.00	0.25	44.25	46.90	89.00	22.77
Paraguay		0.53	9.90	0.02	3.75	4.05	5.90	0.50
Major Importers 4/		22.09	21.78	129.01	116.74	142.51	0.39	29.99
China		19.46	18.10	96.00	88.50	106.20	0.11	27.25
European Union		1.61	2.63	15.10	15.80	17.46	0.25	1.63
Southeast Asia		0.67	0.61	8.52	3.74	9.02	0.03	0.75
Mexico		0.18	0.24	6.00	6.20	6.25	0.00	0.16
<b>2020/21 Proj.</b>								
World 2/	Jun	99.19	362.85	158.02	313.71	361.74	161.98	96.34
	Jul	99.67	362.52	158.02	315.57	363.56	161.58	95.08
World Less China	Jun	72.95	345.35	62.02	220.21	249.84	161.88	68.61
	Jul	72.43	345.02	62.02	220.57	250.16	161.48	67.83
United States	Jun	15.92	112.26	0.41	58.38	62.05	55.79	10.76
	Jul	16.87	112.54	0.41	58.79	62.46	55.79	11.56
Total Foreign	Jun	83.27	250.58	157.62	255.33	299.69	106.19	85.59
	Jul	82.81	249.98	157.62	256.78	301.10	105.79	83.52
Major Exporters 3/	Jun	50.93	197.10	3.76	91.88	102.03	98.08	51.68
	Jul	49.27	196.85	3.76	91.88	102.03	97.83	50.02
Argentina	Jun	25.60	53.50	3.60	43.00	50.20	6.50	26.00
	Jul	26.00	53.50	3.60	43.00	50.20	6.50	26.40
Brazil	Jun	24.83	131.00	0.15	45.00	47.65	83.00	25.33
	Jul	22.77	131.00	0.15	45.00	47.65	83.00	23.27
Paraguay	Jun	0.50	10.25	0.01	3.80	4.10	6.30	0.35
	Jul	0.50	10.25	0.01	3.80	4.10	6.30	0.35
Major Importers 4/	Jun	28.98	21.33	129.33	122.04	148.84	0.33	30.47
	Jul	29.99	21.33	129.33	123.54	150.34	0.33	29.98
China	Jun	26.24	17.50	96.00	93.50	111.90	0.10	27.74
	Jul	27.25	17.50	96.00	95.00	113.40	0.10	27.25
European Union	Jun	1.63	2.60	14.90	15.70	17.36	0.20	1.57
	Jul	1.63	2.60	14.90	15.70	17.36	0.20	1.57
Southeast Asia	Jun	0.75	0.60	8.92	3.92	9.46	0.03	0.79
	Jul	0.75	0.60	8.92	3.92	9.46	0.03	0.79
Mexico	Jun	0.16	0.39	6.10	6.40	6.47	0.00	0.18
	Jul	0.16	0.39	6.10	6.40	6.47	0.00	0.18

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.

## WASDE - 602 - 29

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

<b>2018/19</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		13.47	233.33	62.05	229.79	67.28	11.79
World Less China		13.47	166.01	62.03	163.38	66.35	11.79
United States		0.50	44.28	0.62	32.85	12.19	0.37
Total Foreign		12.97	189.05	61.43	196.94	55.09	11.42
Major Exporters 3/		6.99	71.84	0.10	26.05	47.11	5.76
Argentina		2.48	31.20	0.03	3.13	28.83	1.74
Brazil		4.30	32.96	0.02	17.65	16.09	3.54
India		0.22	7.68	0.05	5.28	2.18	0.48
Major Importers 4/		1.58	22.02	38.88	60.26	0.59	1.64
European Union		0.21	12.32	18.76	30.44	0.37	0.48
Mexico		0.04	4.86	1.84	6.58	0.01	0.15
Southeast Asia 5/		1.21	2.98	16.69	19.77	0.20	0.91
<b>2019/20 Est.</b>							
World 2/		11.79	239.07	63.42	237.44	67.04	9.79
World Less China		11.79	168.98	63.39	168.30	66.06	9.79
United States		0.37	45.92	0.54	34.29	12.20	0.34
Total Foreign		11.42	193.14	62.87	203.15	54.84	9.45
Major Exporters 3/		5.76	72.34	0.08	26.86	46.70	4.62
Argentina		1.74	31.35	0.00	3.28	28.00	1.81
Brazil		3.54	34.35	0.03	18.09	17.25	2.58
India		0.48	6.64	0.05	5.49	1.45	0.23
Major Importers 4/		1.64	22.19	39.20	61.05	0.52	1.46
European Union		0.48	12.48	18.50	30.79	0.30	0.37
Mexico		0.15	4.90	1.93	6.90	0.01	0.07
Southeast Asia 5/		0.91	2.92	17.15	19.85	0.21	0.92
<b>2020/21 Proj.</b>							
World 2/	Jun	10.18	246.72	64.43	244.20	67.39	9.74
	Jul	9.79	248.28	64.45	245.63	67.50	9.38
World Less China	Jun	10.18	172.67	64.41	171.13	66.39	9.74
	Jul	9.79	173.04	64.43	171.38	66.50	9.38
United States	Jun	0.34	45.84	0.36	34.29	11.88	0.36
	Jul	0.34	46.24	0.36	34.56	12.02	0.36
Total Foreign	Jun	9.84	200.88	64.06	209.91	55.51	9.38
	Jul	9.45	202.03	64.08	211.07	55.48	9.02
Major Exporters 3/	Jun	5.14	75.47	0.08	27.69	47.82	5.18
	Jul	4.62	75.47	0.08	27.70	47.82	4.65
Argentina	Jun	1.81	33.05	0.00	3.40	29.65	1.81
	Jul	1.81	33.05	0.00	3.40	29.65	1.81
Brazil	Jun	3.10	34.90	0.03	18.50	16.30	3.23
	Jul	2.58	34.90	0.03	18.51	16.30	2.70
India	Jun	0.23	7.52	0.05	5.79	1.87	0.14
	Jul	0.23	7.52	0.05	5.79	1.87	0.14
Major Importers 4/	Jun	1.46	22.42	39.84	61.72	0.52	1.49
	Jul	1.46	22.42	39.84	61.72	0.52	1.49
European Union	Jun	0.37	12.40	18.75	30.94	0.30	0.28
	Jul	0.37	12.40	18.75	30.94	0.30	0.28
Mexico	Jun	0.07	5.06	2.00	7.05	0.01	0.07
	Jul	0.07	5.06	2.00	7.05	0.01	0.07
Southeast Asia 5/	Jun	0.92	3.06	17.47	20.21	0.21	1.04
	Jul	0.92	3.06	17.47	20.21	0.21	1.04

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 - 602 - 30

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

<b>2018/19</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		3.83	55.67	10.43	54.93	11.18	3.83
World Less China		3.26	40.44	9.65	39.05	10.98	3.33
United States		0.91	10.98	0.18	10.38	0.88	0.81
Total Foreign		2.93	44.70	10.25	44.56	10.30	3.02
Major Exporters 3/		0.80	19.74	0.47	12.24	7.78	0.99
Argentina		0.27	7.91	0.00	2.57	5.26	0.35
Brazil		0.37	8.18	0.02	7.17	1.08	0.33
European Union		0.15	2.96	0.42	2.46	0.79	0.29
Major Importers 4/		1.02	17.98	6.36	23.99	0.31	1.07
China		0.57	15.23	0.78	15.89	0.20	0.50
India		0.17	1.73	3.00	4.75	0.01	0.14
North Africa 5/		0.19	0.73	1.56	2.18	0.10	0.20
<b>2019/20 Est.</b>							
World 2/		3.83	56.85	10.85	55.68	11.80	4.04
World Less China		3.33	40.99	10.05	39.12	11.65	3.58
United States		0.81	11.20	0.16	9.96	1.29	0.92
Total Foreign		3.02	45.65	10.69	45.72	10.51	3.13
Major Exporters 3/		0.99	20.16	0.49	12.35	8.09	1.20
Argentina		0.35	7.95	0.00	2.39	5.60	0.31
Brazil		0.33	8.50	0.06	7.45	1.03	0.42
European Union		0.29	3.00	0.43	2.47	0.80	0.45
Major Importers 4/		1.07	18.51	6.59	24.87	0.27	1.03
China		0.50	15.86	0.80	16.55	0.15	0.46
India		0.14	1.50	3.35	4.86	0.01	0.12
North Africa 5/		0.20	0.77	1.64	2.24	0.11	0.26
<b>2020/21 Proj.</b>							
World 2/	Jun	4.16	58.70	11.12	57.97	11.80	4.22
	Jul	4.04	59.04	10.98	58.01	11.92	4.13
World Less China	Jun	3.71	41.95	9.92	40.31	11.65	3.62
	Jul	3.58	42.02	9.98	40.27	11.77	3.53
United States	Jun	0.88	11.28	0.18	10.43	1.00	0.91
	Jul	0.92	11.36	0.18	10.43	1.09	0.93
Total Foreign	Jun	3.28	47.43	10.94	47.54	10.80	3.31
	Jul	3.13	47.68	10.80	47.57	10.83	3.20
Major Exporters 3/	Jun	1.40	20.73	0.45	12.70	8.55	1.33
	Jul	1.20	20.73	0.45	12.65	8.55	1.19
Argentina	Jun	0.56	8.39	0.00	2.40	6.00	0.55
	Jul	0.31	8.39	0.00	2.40	6.00	0.30
Brazil	Jun	0.36	8.64	0.03	7.65	1.05	0.33
	Jul	0.42	8.64	0.03	7.60	1.05	0.44
European Union	Jun	0.45	2.98	0.42	2.61	0.83	0.42
	Jul	0.45	2.98	0.42	2.61	0.83	0.42
Major Importers 4/	Jun	0.97	19.66	6.82	26.10	0.23	1.12
	Jul	1.03	19.93	6.67	26.19	0.27	1.17
China	Jun	0.46	16.76	1.20	17.66	0.15	0.60
	Jul	0.46	17.02	1.00	17.73	0.15	0.60
India	Jun	0.12	1.69	3.24	4.90	0.01	0.14
	Jul	0.12	1.69	3.24	4.90	0.01	0.14
North Africa 5/	Jun	0.20	0.78	1.58	2.27	0.08	0.22
	Jul	0.26	0.78	1.64	2.29	0.12	0.28

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

## WASDE - 602 - 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>
2019	III	6,923	6,706	13,683	11,402	1,453	12,992	26,675	2,347	54.2	
	IV	7,001	7,478	14,535	11,175	1,467	12,773	27,308	2,414	54.0	
	Annual	27,155	27,638	55,015	43,905	5,818	50,251	105,266	9,447	218.4	
2020	I	6,929	7,426	14,407	11,237	1,469	12,841	27,248	2,349	56.1	
	II	6,050	6,315	12,415	10,900	1,360	12,399	24,814	2,243	55.7	
	III*	7,020	7,310	14,384	11,350	1,400	12,892	27,276	2,285	54.9	
	IV*	6,935	7,485	14,476	11,150	1,450	12,730	27,206	2,305	54.8	
	Annual										
	Jun Proj.	26,674	27,766	54,653	44,037	5,769	50,352	105,005	9,389	222.5	
	Jul Proj.	26,934	28,536	55,682	44,637	5,679	50,862	106,544	9,182	221.5	
2021	I*	6,805	7,110	13,967	11,000	1,420	12,550	26,517	2,280	56.4	
	II*	7,050	6,990	14,098	11,175	1,425	12,740	26,838	2,295	57.8	
	Annual										
	Jun Proj.	27,575	28,235	56,028	44,975	5,845	51,360	107,388	9,545	225.3	
	Jul Proj.	27,720	28,565	56,503	45,175	5,770	51,485	107,988	9,345	225.6	

\* 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>
2019	III	108.16	50.08	82.0	90.8	81.9	18.97
	IV	114.88	43.11	80.6	97.8	117.2	20.60
	Annual	116.78	47.95	88.6	89.2	94.0	18.63
2020	I	118.32	42.52	83.5	97.4	133.1	18.83
	II	105.79	38.96	67.4	103.7	119.6	14.70
	III*	100.00	38.00	64.0	109.0	106.0	20.95
	IV*	103.00	36.00	65.0	111.0	129.0	18.55
	Annual						
	Jun Proj.	108.6	42.4	69.9	104.9	125.5	16.65
	Jul Proj.	106.8	38.9	70.0	105.3	121.9	18.25
2021	I*	104.00	41.00	80.0	102.0	120.0	17.35
	II*	105.00	47.00	87.0	104.0	100.0	16.25
	Annual						
	Jun Proj.	110	47	81	104	115	16.20
	Jul Proj.	110	44	81	105	115	17.05

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

## WASDE - 602 - 32

## U.S. Meats Supply and Use

		Beginning Production		Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita 2/ 3/
		stocks	1/						
<i>Million Pounds /4</i>									
Beef	2019	662	27,221	3,058	30,940	3,026	642	27,272	58.1
	2020 Proj. Jun	642	26,740	2,974	30,356	2,944	675	26,736	56.6
	Jul	642	27,000	3,039	30,681	2,914	645	27,121	57.5
	2021 Proj. Jun	675	27,641	3,020	31,336	3,140	650	27,546	58.0
	Jul	645	27,786	3,020	31,451	3,140	650	27,661	58.2
Pork	2019	559	27,652	945	29,156	6,321	646	22,188	52.4
	2020 Proj. Jun	646	27,780	816	29,243	7,198	580	21,465	50.4
	Jul	646	28,550	851	30,048	7,523	535	21,990	51.6
	2021 Proj. Jun	580	28,249	855	29,684	7,300	600	21,784	50.8
	Jul	535	28,579	895	30,009	7,650	590	21,769	50.8
Total Red Meat 5/	2019	1,266	55,105	4,275	60,646	9,353	1,330	49,963	111.9
	2020 Proj. Jun	1,330	54,743	4,058	60,130	10,151	1,300	48,679	108.3
	Jul	1,330	55,772	4,168	61,269	10,446	1,226	49,597	110.4
	2021 Proj. Jun	1,300	56,118	4,148	61,566	10,446	1,293	49,827	110.1
	Jul	1,226	56,593	4,188	62,007	10,796	1,283	49,928	110.3
Broiler	2019	845	43,435	131	44,411	7,103	937	36,371	95.1
	2020 Proj. Jun	937	43,566	133	44,635	7,363	840	36,432	94.7
	Jul	937	44,159	133	45,229	7,338	840	37,051	96.3
	2021 Proj. Jun	840	44,494	132	45,466	7,400	850	37,216	96.1
	Jul	840	44,692	132	45,664	7,400	850	37,414	96.6
Turkey	2019	303	5,818	12	6,133	639	233	5,261	16.0
	2020 Proj. Jun	233	5,769	13	6,014	569	235	5,210	15.8
	Jul	233	5,679	14	5,925	539	215	5,171	15.7
	2021 Proj. Jun	235	5,845	12	6,092	580	240	5,272	15.9
	Jul	215	5,770	12	5,997	555	230	5,212	15.7
Total Poultry 6/	2019	1,153	49,781	146	51,080	7,824	1,175	42,081	112.5
	2020 Proj. Jun	1,175	49,880	149	51,204	8,015	1,082	42,107	111.9
	Jul	1,175	50,384	150	51,708	7,962	1,060	42,686	113.4
	2021 Proj. Jun	1,082	50,878	147	52,107	8,050	1,097	42,960	113.4
	Jul	1,060	51,001	147	52,208	8,025	1,087	43,096	113.7
Red Meat & Poultry	2019	2,419	104,886	4,421	111,725	17,177	2,504	92,044	224.3
	2020 Proj. Jun	2,504	104,623	4,207	111,334	18,166	2,382	90,786	220.2
	Jul	2,504	106,155	4,318	112,977	18,408	2,286	92,283	223.8
	2021 Proj. Jun	2,382	106,996	4,295	113,673	18,496	2,390	92,787	223.5
	Jul	2,286	107,594	4,335	114,215	18,821	2,370	93,024	224.1

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 - 602 - 33

## U.S. Egg Supply and Use

	2018	2019	2020 Proj.	2020 Proj.	2021 Proj.	2021 Proj.
			Jun	Jul	Jun	Jul
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	87.5	78.8	108.7	108.7	135.0	130.0
Production	9,205.0	9,447.5	9,389.0	9,182.0	9,545.0	9,345.0
Imports	17.8	14.6	13.9	13.9	16.0	16.0
Total Supply	9,310.3	9,540.9	9,511.6	9,304.6	9,696.0	9,491.0
Use						
Exports	333.2	333.9	330.0	334.0	330.0	330.0
Hatching Use	1,057.5	1,081.2	1,079.1	1,079.1	1,105.0	1,105.0
Ending Stocks	78.8	108.7	135.0	130.0	140.0	135.0
Disappearance						
Total	7,840.9	8,017.1	7,967.5	7,761.5	8,121.0	7,921.0
Per Capita (number)	287.8	292.8	289.4	281.9	293.0	285.8

## U.S. Milk Supply and Use

	2018	2019	2020 Proj.	2020 Proj.	2021 Proj.	2021 Proj.
			Jun	Jul	Jun	Jul
Milk	<i>Billion Pounds</i>					
Production	217.6	218.4	222.5	221.5	225.3	225.6
Farm Use	1.0	1.0	1.0	1.0	1.0	1.0
Fat Basis Supply						
Beg. Commercial Stocks	13.4	13.8	13.6	13.6	14.2	13.2
Marketings	216.6	217.4	221.5	220.5	224.3	224.6
Imports	6.3	6.9	6.8	7.0	6.7	6.9
Total Cml. Supply	236.2	238.1	241.9	241.1	245.2	244.6
Fat Basis Use						
Commercial Exports	10.4	9.1	8.9	9.1	9.2	9.3
Ending Commercial Stocks	13.8	13.6	14.2	13.2	13.7	13.3
CCC Donations	0.0	0.2	0.3	0.3	0.0	0.0
Domestic Commercial Use	212.1	215.2	218.6	218.6	222.4	222.1
Skim-solid Basis Supply						
Beg. Commercial Stocks	11.8	10.7	10.2	10.2	10.6	10.3
Marketings	216.6	217.4	221.5	220.5	224.3	224.6
Imports	5.5	5.8	5.8	5.8	5.6	5.6
Total Cml. Supply	233.8	233.9	237.5	236.5	240.5	240.5
Skim-solid Basis Use						
Commercial Exports	44.6	41.5	45.1	45.8	44.9	45.5
Ending Commercial Stocks	10.7	10.2	10.6	10.3	10.3	10.3
CCC Donations	0.0	0.2	0.1	0.1	0.0	0.0
Domestic Commercial Use	178.5	181.9	181.7	180.3	185.4	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 - 602 - 34

## U.S. Dairy Prices

	2018	2019	2020 Proj. Jun	2020 Proj. Jul	2021 Proj. Jun	2021 Proj. Jul
Product Prices 1/	<i>Dollars Per Pound</i>					
Cheese	1.5377	1.7586	1.660	1.905	1.610	1.725
Butter	2.2572	2.2431	1.680	1.685	1.690	1.715
Nonfat Dry Milk	0.7945	1.0419	1.000	1.040	0.970	1.010
Dry Whey	0.3422	0.3799	0.360	0.355	0.345	0.345
	<i>Dollars Per Cwt</i>					
Milk Prices 2/						
Class III	14.61	16.96	15.65	18.00	15.10	16.20
Class IV	14.23	16.30	13.55	13.95	13.35	13.80
All Milk 3/	16.27	18.63	16.65	18.25	16.20	17.05

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

## WASDE - 602 - 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 14.1 million tons, ranging from 1 million to 34.6 million tons. The July projection has been below the estimate 23 times and above 16 times.

	Differences between forecast and final estimate							
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final	
	<i>Percent</i>		<i>Million Metric Tons</i>					
<b>WHEAT</b>								
Production								
World	2.8	4.7	14.1	1.0	34.6	23	16	
U.S.	3.5	5.9	1.5	0.0	6.2	18	21	
Foreign	3.0	5.1	13.8	0.3	34.7	24	15	
Exports								
World	5.9	10.1	6.4	0.2	18.7	26	13	
U.S.	11.6	19.7	2.7	0.2	10.0	22	17	
Foreign	7.3	12.4	6.2	0.1	21.3	27	12	
Domestic Use								
World	2.0	3.4	9.4	1.6	25.7	23	16	
U.S.	7.2	12.2	1.9	0.0	5.0	14	25	
Foreign	2.0	3.3	9.0	1.3	26.9	25	14	
Ending Stocks								
World	9.6	16.3	11.9	0.1	35.3	28	11	
U.S.	18.3	31.1	3.1	0.2	13.9	23	16	
Foreign	10.1	17.1	10.3	1.2	31.7	28	11	
<b>COARSE GRAINS 2/</b>								
Production								
World	2.9	4.9	22.9	1.3	68.4	21	18	
U.S.	10.0	17.0	15.4	0.6	57.9	19	20	
Foreign	2.6	4.4	14.9	1.1	53.0	21	18	
Exports								
World	7.7	13.1	7.7	0.6	23.8	27	12	
U.S.	26.0	44.1	7.9	0.2	24.4	15	24	
Foreign	14.1	23.9	7.5	1.4	19.7	27	12	
Domestic Use								
World	1.8	3.0	14.7	0.0	46.0	21	18	
U.S.	4.5	7.6	6.9	0.0	22.2	24	15	
Foreign	2.0	3.4	11.8	1.0	40.6	22	17	
Ending Stocks								
World	18.7	31.7	22.4	1.6	171.9	25	14	
U.S.	39.1	66.4	12.7	0.5	50.5	17	22	
Foreign	16.4	27.8	15.3	0.2	155.2	28	11	
<b>RICE, milled</b>								
Production								
World	2.4	4.0	6.9	0.4	24.0	24	15	
U.S.	5.4	9.2	0.3	0.0	0.8	19	18	
Foreign	2.4	4.1	6.9	0.5	24.3	24	15	
Exports								
World	9.1	15.5	1.8	0.0	6.7	27	12	
U.S.	10.7	18.1	0.2	0.0	1.0	17	18	
Foreign	10.0	16.9	1.7	0.0	6.5	27	12	
Domestic Use								
World	2.0	3.4	4.7	0.2	22.9	24	15	
U.S.	8.2	14.0	0.2	0.0	0.5	14	24	
Foreign	2.0	3.4	4.8	0.2	22.9	24	15	
Ending Stocks								
World	13.6	23.1	6.6	0.1	26.5	30	9	
U.S.	29.4	49.9	0.3	0.0	1.0	24	14	
Foreign	14.9	25.3	6.6	0.2	26.0	31	8	

1/ Footnotes at end of table.

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## WASDE - 602 - 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	5.1	8.6	7.5	0.5	26.9	18	21
U.S.	7.1	12.0	3.8	0.2	11.7	20	19
Foreign	7.4	12.6	6.6	1.0	25.8	20	19
Exports							
World	7.7	13.0	3.5	0.0	10.7	25	14
U.S.	13.0	22.1	2.9	0.1	9.3	21	18
Foreign	19.6	33.2	2.9	0.0	10.5	23	16
Domestic Use							
World	3.8	6.4	5.4	0.5	16.1	22	17
U.S.	5.2	8.7	1.6	0.0	4.9	24	15
Foreign	4.1	7.0	4.7	0.1	11.2	22	17
Ending Stocks							
World	15.4	26.1	4.8	0.0	26.1	22	17
U.S.	53.5	90.8	3.0	0.0	13.4	13	26
Foreign	18.9	32.1	4.3	0.0	21.8	25	14
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	5.7	9.7	3.9	0.0	14.9	23	16
U.S.	9.8	16.6	1.4	0.1	5.3	21	18
Foreign	5.8	9.9	3.1	0.0	12.1	21	17
Exports							
World	10.3	17.5	2.4	0.1	11.6	22	17
U.S.	27.0	45.8	1.3	0.1	3.6	23	16
Foreign	13.5	22.9	1.9	0.0	9.8	18	21
Domestic Use							
World	5.4	9.1	3.5	0.0	21.6	18	21
U.S.	9.9	16.8	0.5	0.0	1.4	18	20
Foreign	5.4	9.2	3.4	0.1	21.0	17	22
Ending Stocks							
World	16.2	27.5	6.1	0.2	20.1	25	14
U.S.	39.2	66.5	1.4	0.1	4.9	17	22
Foreign	15.9	27.0	5.3	0.5	19.5	27	12

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

## WASDE - 602 - 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	10.9	18.6	559	12	2,190	22	17
Exports	27.1	46.1	282	0	900	15	22
Domestic Use	4.9	8.2	270	0	770	24	14
Ending Stocks	47.8	81.2	459	11	1,840	18	21
<b>SORGHUM</b>							
Production	17.9	30.4	67	3	213	22	17
Exports	40.7	69.1	47	0	170	19	19
Domestic Use	28.2	47.9	52	3	139	16	23
Ending Stocks	65.8	111.7	46	0	174	14	24
<b>BARLEY</b>							
Production	7.7	13.1	20	0	87	13	25
Exports	64.7	109.7	14	0	92	23	14
Domestic Use	10.0	17.0	24	0	87	15	23
Ending Stocks	22.0	37.3	26	0	114	16	22
<b>OATS</b>							
Production	12.8	21.7	20	0	144	6	32
Exports	95.8	162.6	1	0	8	10	12
Domestic Use	6.5	11.1	16	0	67	11	24
Ending Stocks	24.1	41.0	14	0	68	15	23
<b>SOYBEAN MEAL</b>			<i>Thousand Short Tons</i>				
Production	5.2	8.8	1,249	118	4,432	28	11
Exports	15.1	25.6	874	50	2,450	22	17
Domestic Use	5.6	9.5	946	76	4,470	20	19
Ending Stocks	39.7	67.4	49	0	413	11	17
<b>SOYBEAN OIL</b>			<i>Million Pounds</i>				
Production	4.9	8.4	612	55	2,130	28	11
Exports	34.1	57.8	421	0	1,575	22	16
Domestic Use	4.4	7.4	497	0	2,300	22	16
Ending Stocks	39.3	66.7	473	15	1,568	20	19
<b>ANIMAL PROD.</b>			<i>Million Pounds</i>				
Beef	3.9	6.7	755	60	2,677	17	9
Pork	2.9	5.0	440	20	1,372	13	13
Broilers	2.2	3.7	644	175	1,338	11	15
Turkeys	3.8	6.5	162	2	468	10	16
			<i>Million Dozen</i>				
Eggs	1.6	2.8	97	4	266	18	8
			<i>Billion Pounds</i>				
Milk	1.6	2.7	2.3	0.1	7.0	15	11

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2019/20 for grains, soybeans, and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2018/19, and for 2019/20 the last month's estimate. Calendar years 1994 through 2019 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1994-2019.

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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-602 – July 10, 2020**

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