

World Agricultural Supply and Demand Estimates

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WASDE - 611

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April 9, 2021

NOTE: See announcement on page 39 about upcoming changes to WASDE.

WHEAT: This month's supply and demand outlook for 2020/21 U.S. wheat is for lower supplies, reduced domestic use, unchanged exports, and higher ending stocks. Supplies are lowered with a reduction in projected imports by 10 million bushels to 110 million on a lower than expected import pace with decreases in Durum and Hard Red Spring. Domestic consumption is reduced primarily on less implied feed and residual use as well as a small reduction in seed use. The NASS *Grain Stocks* report, issued March 31, indicated less feed and residual disappearance for both the second and third quarters. As a result, annual 2020/21 feed and residual use is lowered 25 million bushels to 100 million. Exports are unchanged this month, but there are offsetting by-class changes for White and Hard Red Winter exports. Projected 2020/21 ending stocks are raised to 852 million bushels but are still 17 percent below last year. The season-average farm price is unchanged at \$5.00 per bushel.

The 2020/21 global wheat outlook is for slightly smaller supplies, increased consumption, higher exports, and reduced stocks this month. Supplies are lowered 0.5 million tons to 1,076.5 million but 2020/21 production remains at a record 776.5 million. World 2020/21 consumption is increased 5.1 million tons to 781.0 million, mainly on higher feed and residual use for China. Auction sales of China's old-crop wheat stocks continue to be large and domestic corn prices in China remain at a premium to wheat. This is expected to further increase China's 2020/21 wheat feed and residual use, raised 5.0 million tons to a record 40.0 million.

Projected 2020/21 global trade is raised 1.2 million tons to a record 198.9 million, mostly on higher exports by Russia and the EU-27+UK. Russia's exports are raised 0.5 million to 39.5 million despite the recent imposition of an export tax. Russia's monthly exports continue to be large and its prices remain competitive internationally. EU-27+UK exports are increased 0.5 million tons to 27.5 million on a stronger than expected pace. Projected 2020/21 world ending stocks are lowered 5.7 million tons to 295.5 million with China accounting for most of the reduction. Stocks in China in 2020/21 are projected to decline for the first time in eight years (or since 2012/13).

COARSE GRAINS: This month's 2020/21 U.S. corn outlook is for greater feed and residual use, increased corn used for ethanol production, larger exports, and lower ending stocks. Feed and residual use is raised 50 million bushels to 5.7 billion based on corn stocks reported as of March 1, which indicated disappearance during the December-February quarter rose about 6 percent relative to a year ago. Corn used to produce ethanol is raised 25 million bushels based on the most recent data from the *Grain*

Crushings and Co-Products Production report, and the pace of weekly ethanol production during March as indicated by Energy Information Administration data. Exports are increased 75 million bushels, based on export inspection data for the month of March that was the largest monthly total on record, surpassing the previous high set in November of 1989. The season-average farm price is unchanged at \$4.30 per bushel, as reported prices through February indicate much of the crop was marketed at lower prices.

Global coarse grain production for 2020/21 is forecast 1.2 million tons higher to 1,446.0 million. This month's 2020/21 foreign coarse grain outlook is for higher production, reduced trade, and larger stocks relative to last month. Corn production is raised for Pakistan, the EU-27+UK, and Ecuador, with partly offsetting reductions for Argentina and Indonesia. Barley production is higher for Argentina and the EU-27+UK, but lowered for Mexico.

Major global trade changes include lower forecast corn exports for Ukraine, based on shipment data to date. Corn imports are raised for Bangladesh. Barley exports are raised for Canada, Argentina, and the EU-27+UK, with partly offsetting reductions for Iraq and Kazakhstan. Barley imports are sharply higher for China, with a partly offsetting reduction for Morocco. Foreign corn ending stocks are essentially unchanged from last month, mostly reflecting increases for South Korea and Pakistan that are offset by a reduction for Saudi Arabia.

RICE: The outlook for 2020/21 U.S. rice this month is for slightly lower supplies, reduced domestic use and exports, and higher ending stocks. Supplies are lowered, entirely on reduced imports with all the decrease for long-grain on a lower than expected pace. Domestic and residual use is lowered (all for long-grain) by 2.0 million cwt to 158.0 million on the NASS *Rice Stocks* report, issued March 31 and usage expectations for the remainder of the marketing year. Exports are reduced by 2.0 million cwt to 91.0 million, all for long-grain on a lower than expected pace of sales and shipments. Projected 2020/21 all rice ending stocks are raised by 3.5 million cwt to 42.9 million, up 49 percent from last year. The projected 2020/21 all rice season-average farm price is raised \$0.10 per cwt to \$13.70 with increases in both long-grain and medium- and short-grain on NASS prices reported to date and price expectations for the remainder of the marketing year.

The 2020/21 global outlook is for slightly lower supplies, consumption, trade, and ending stocks. Rice supplies are reduced 0.5 million tons to 682.0 million, primarily on lower rice production for Burma, Taiwan, and Indonesia not being completely offset by increased production for the Philippines and Thailand. World 2020/21 consumption is lowered 0.4 million tons to a still record 504.3 million, mainly on reductions for the United Arab Emirates, Saudi Arabia, and Burma. World trade is reduced by 0.3 million to 46.0 million tons, mostly on Burma as the recent coup is expected to disrupt its exports. Projected 2020/21 world ending stocks are lowered 0.1 million tons to 177.7 million.

OILSEEDS: U.S. soybean supply and use changes for 2020/21 include higher exports, lower crush, residual use, and seed use. Soybean exports are raised mainly reflecting record exports through the first half of the marketing year. Soybean crush is reduced this

month on a lower domestic soybean meal disappearance forecast and a higher projected extraction rate. Seed use is reduced in line with plantings for the 2021/22 crop indicated in the March 31 *Prospective Plantings* report. Residual use is reduced based on indications in the March 31 *Grain Stocks* report. Soybean ending stocks are projected at 120 million bushels, unchanged from the previous forecast.

The season-average soybean price is forecast at \$11.25 per bushel, up 10 cents. The soybean oil price is projected at 45.0 cents per pound, up 4 cents reflecting sharply higher prices in March. Higher soybean oil prices are expected to continue in coming months as additional renewable fuel capacity comes online. Soybean meal prices are unchanged at \$400 per short ton.

The 2020/21 global oilseed outlook includes higher production, exports, and stocks compared to last month. Global production is raised 2.2 million tons to 598.0 million, with higher soybean, rapeseed, and peanut output partly offset by lower palm kernel, sunflowerseed, and cottonseed.

Global soybean production is raised 1.4 million tons to 363.2 million, mainly reflecting a 2-million-ton increase to 136 million for Brazil. Favorable crop conditions in Brazil's southern state of Rio Grande do Sul and updated harvest results from national and state agencies support higher yields. Partly offsetting is reduced soybean production for the EU-27+UK and Paraguay. Rapeseed and peanut production are increased for India on higher area estimates. Palm oil production is reduced for Malaysia on lower-than-expected output during January and February.

Global soybean crush is forecast lower mainly on lower crush for China, which is reduced 2 million tons to 96 million on the recent slow crushing pace. Global soybean exports are increased 1.2 million tons to 170.9 million. Brazil, Russia, and U.S. exports are revised higher while Paraguay and Ukraine shipments are lowered. Global soybean ending stocks are raised 3.1 million tons to 86.9 million, largely on higher stocks for China and Brazil.

SUGAR: U.S. sugar supply and use for 2020/21 is unchanged from last month, with small offsetting changes within the balance sheet. An increase in projected imports is offset by a reduction in production, and there are no changes in use. High-tier imports are projected to increase 30,000 STRV to 200,000 on the strong pace set in the first half of the fiscal year and on oversubscribed imports of organic sugar beyond the remaining tranche that adds to sugar already being stored in bonded warehouses. The USDA has been unable to receive confirmation of media reports of decreased export potential in certain raw sugar TRQ countries that would imply an increase in the raw sugar TRQ shortfall. Cane sugar production in Florida is reduced 30,000 STRV to 2.170 million based on recent processors' reports which indicate lower sucrose recovery and lower area harvested. Ending stocks remain at 1.848 million STRV for an unchanged stocks-to-use ratio of 15.1 percent. There are no changes to the Mexico supply and use for 2020/21.

LIVESTOCK, POULTRY, AND DAIRY: The 2021 forecast for total red meat and poultry production is reduced from last month on lower expected pork and turkey production.

The beef production forecast is raised from the previous month primarily on higher cattle slaughter in the second half of year, but production gains are partially offset by lighter carcass weights. Pork production is lowered on a slower pace of slaughter through the remainder of the year, but this decline is partially offset by heavier hog weights. USDA's *March Quarterly Hogs and Pigs* report estimated that the December 2020-February 2021 pig crop was about one percent below year-earlier and producers indicated intentions to farrow about 3 percent fewer sows during March-May. These hogs will be available for slaughter in the second half of 2021. Annual broiler production is unchanged from the previous month while the turkey production forecast is reduced on recent production and hatchery data. The 2021 egg production forecast is reduced from the previous month.

For 2021, the beef import forecast is reduced largely on weakness in imports from Australia while exports are unchanged. The pork export forecast is raised on expectation of continued firm global demand for U.S. pork products. The pork import forecast is also raised. The turkey export forecast is raised on recent trade data. No change is made to the broiler export forecast.

The 2021 cattle price forecast is raised on current price strength and firm demand. The hog price forecast is raised from last month on recent price strength and lowered supply expectations. The broiler price forecast is reduced, reflecting a lower first-quarter price and weaker demand while the turkey price forecast is raised slightly on lowered production. The egg price forecast is lowered on recent price declines.

Dairy production for 2021 is raised from last month, primarily on increased cow numbers. The 2021 fat basis import forecast is reduced while fat basis exports are raised on higher shipments of cheese. On a skim-solids basis, the import forecast is reduced on lower imports of milk proteins and several other dairy products while the export forecast is raised on strong gains in shipments of skim milk powders and whey. However, lactose shipments remain relatively weak.

Product price forecasts are raised on improving demand, both domestically and in international markets. Prices of cheese, butter, nonfat dry milk, and whey are raised, boosting both Class III and Class IV prices. The 2021 all milk price forecast is raised to \$18.40 per cwt.

COTTON: The 2020/21 U.S. cotton supply and demand forecasts show higher exports and lower ending stocks relative to last month. Production and domestic mill use are unchanged. The export forecast is raised 250,000 bales, to 15.75 million, based on the pace of recent sales and shipments. Ending stocks are now forecast at 3.9 million bales, equivalent to 22 percent of total disappearance. The marketing year price received by upland cotton producers is projected to average 68 cents per pound, a reduction of 1 cent from last month.

With lower global 2020/21 beginning stocks this month—combined with slightly lower production and higher consumption—ending stocks are 1.1 million bales lower, while projected trade is more than 900,000 bales higher. Largely driven by revised consumption in Vietnam for the previous year, 2020/21 beginning stocks are estimated

427,000 bales lower than in March. Projected production is 276,000 bales lower than a month earlier, led by declines in Australia and Turkmenistan, and rising domestic textile demand in China accounts for much of the 387,000-bale increase in projected 2020/21 world cotton consumption. World trade is raised 935,000 bales to its highest projected level in eight years, with China's projected imports up 750,000 bales from last month, and Bangladesh's up 200,000 bales. Higher exports are now expected from Brazil, the United States, and Egypt.

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

APPROVED BY:

A handwritten signature in black ink, appearing to read "Seth Meyer", with a long horizontal flourish extending to the right.

SETH MEYER
SECRETARY OF AGRICULTURE DESIGNATE

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

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

World			Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2018/19		2627.49	3450.91	430.35	2640.85	810.06
	2019/20 (Est.)		2673.29	3483.35	443.14	2671.83	811.52
	2020/21 (Proj.)	Mar	2726.02	3536.22	474.02	2739.12	797.10
		Apr	2726.65	3538.18	476.06	2749.25	788.93
Wheat	2018/19		731.00	1018.18	173.67	734.81	283.37
	2019/20 (Est.)		763.86	1047.23	191.52	747.18	300.04
	2020/21 (Proj.)	Mar	776.78	1077.07	197.69	775.89	301.19
		Apr	776.49	1076.54	198.91	781.01	295.52
Coarse Grains 5/	2018/19		1399.15	1771.66	212.78	1421.46	350.20
	2019/20 (Est.)		1411.74	1761.94	208.61	1428.34	333.60
	2020/21 (Proj.)	Mar	1444.83	1776.62	230.09	1458.54	318.08
		Apr	1445.99	1779.59	231.17	1463.93	315.66
Rice, milled	2018/19		497.34	661.08	43.90	484.59	176.49
	2019/20 (Est.)		497.69	674.18	43.00	496.30	177.88
	2020/21 (Proj.)	Mar	504.41	682.53	46.25	504.69	177.83
		Apr	504.17	682.05	45.98	504.31	177.74
United States							
Total Grains 4/	2018/19		436.32	532.30	83.45	357.57	91.28
	2019/20 (Est.)		417.89	516.32	79.77	355.83	80.73
	2020/21 (Proj.)	Mar	431.48	519.28	103.55	350.61	65.12
		Apr	431.48	518.99	105.43	351.71	61.85
Wheat	2018/19		51.31	84.88	25.50	29.99	29.39
	2019/20 (Est.)		52.58	84.83	26.28	30.56	27.99
	2020/21 (Proj.)	Mar	49.69	80.94	26.81	31.38	22.76
		Apr	49.69	80.67	26.81	30.69	23.18
Coarse Grains 5/	2018/19		377.91	438.46	54.97	323.02	60.47
	2019/20 (Est.)		359.43	423.01	50.51	320.68	51.83
	2020/21 (Proj.)	Mar	374.57	429.05	73.79	314.15	41.11
		Apr	374.57	429.05	75.74	316.00	37.31
Rice, milled	2018/19		7.11	8.96	2.97	4.57	1.42
	2019/20 (Est.)		5.88	8.49	2.99	4.59	0.91
	2020/21 (Proj.)	Mar	7.23	9.29	2.95	5.08	1.25
		Apr	7.23	9.27	2.89	5.02	1.36

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

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

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks
Total Grains 4/	2018/19	2,191.17	2,918.62	346.91	2,283.28	718.78
	2019/20 (Est.)	2,255.40	2,967.03	363.37	2,316.00	730.80
	2020/21 (Proj.)	2,294.54	3,016.94	370.48	2,388.51	731.98
	Mar Apr	2,295.17	3,019.19	370.63	2,397.54	727.08
Wheat	2018/19	679.69	933.30	148.17	704.82	253.99
	2019/20 (Est.)	711.27	962.40	165.25	716.62	272.06
	2020/21 (Proj.)	727.09	996.13	170.88	744.51	278.43
	Mar Apr	726.80	995.87	172.11	750.33	272.35
Coarse Grains 5/	2018/19	1,021.24	1,333.20	157.81	1,098.44	289.73
	2019/20 (Est.)	1,052.31	1,338.93	158.11	1,107.66	281.77
	2020/21 (Proj.)	1,070.27	1,347.57	156.30	1,144.39	276.97
	Mar Apr	1,071.43	1,350.54	155.43	1,147.92	278.35
Rice, milled	2018/19	490.24	652.12	40.93	480.02	175.07
	2019/20 (Est.)	491.82	665.70	40.01	491.72	176.97
	2020/21 (Proj.)	497.19	673.24	43.30	499.61	176.58
	Mar Apr	496.94	672.78	43.10	499.29	176.38

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	118.56	199.66	41.65	120.46	79.95
	2019/20 (Est.)	122.12	202.06	41.48	102.93	98.41
	2020/21 (Proj.)	113.32	212.15	44.54	117.46	94.59
	Mar Apr	113.04	211.45	45.48	117.85	93.46
United States	2018/19	18.37	22.57	14.84	2.98	4.85
	2019/20 (Est.)	19.91	24.77	15.53	2.15	7.25
	2020/21 (Proj.)	14.70	21.95	15.50	2.30	4.20
	Mar Apr	14.70	21.95	15.75	2.30	3.90
Foreign 4/	2018/19	100.20	177.09	26.81	117.49	75.10
	2019/20 (Est.)	102.20	177.30	25.95	100.78	91.16
	2020/21 (Proj.)	98.62	190.20	29.04	115.16	90.39
	Mar Apr	98.34	189.50	29.73	115.55	89.56

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

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

World			Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2018/19		599.96	718.80	171.06	488.97	134.13
	2019/20 (Est.)		578.68	712.81	190.19	507.81	112.22
	2020/21 (Proj.)	Mar	595.84	707.54	194.69	514.20	96.40
		Apr	598.03	710.25	195.93	513.88	99.98
Oilmeals	2018/19		332.98	351.01	94.22	329.02	16.65
	2019/20 (Est.)		346.04	362.69	94.16	342.08	14.66
	2020/21 (Proj.)	Mar	353.77	368.65	93.40	350.83	12.56
		Apr	353.44	368.11	93.69	349.25	13.43
Vegetable Oils	2018/19		203.63	227.63	86.30	199.26	23.85
	2019/20 (Est.)		207.54	231.39	86.25	202.72	24.98
	2020/21 (Proj.)	Mar	209.38	233.84	87.07	207.80	22.18
		Apr	209.06	234.04	86.88	207.28	22.68
United States							
Oilseeds	2018/19		130.72	145.66	48.82	61.03	26.54
	2019/20 (Est.)		106.98	134.74	47.04	63.04	15.96
	2020/21 (Proj.)	Mar	122.42	140.11	62.35	64.32	4.79
		Apr	122.42	140.04	63.17	64.00	4.85
Oilmeals	2018/19		46.52	51.02	12.50	38.10	0.42
	2019/20 (Est.)		48.76	53.31	13.05	39.87	0.39
	2020/21 (Proj.)	Mar	49.67	54.09	13.19	40.50	0.41
		Apr	49.47	53.95	13.19	40.37	0.39
Vegetable Oils	2018/19		12.20	18.14	1.09	15.88	1.16
	2019/20 (Est.)		12.64	18.72	1.51	16.01	1.21
	2020/21 (Proj.)	Mar	13.07	19.11	1.39	16.54	1.17
		Apr	13.02	18.98	1.35	16.47	1.17
Foreign 3/							
Oilseeds	2018/19		469.24	573.14	122.24	427.94	107.59
	2019/20 (Est.)		471.70	578.07	143.14	444.77	96.27
	2020/21 (Proj.)	Mar	473.42	567.43	132.34	449.88	91.62
		Apr	475.61	570.21	132.76	449.88	95.13
Oilmeals	2018/19		286.46	299.99	81.72	290.91	16.23
	2019/20 (Est.)		297.28	309.38	81.11	302.20	14.28
	2020/21 (Proj.)	Mar	304.10	314.55	80.21	310.34	12.15
		Apr	303.97	314.16	80.51	308.88	13.04
Vegetable Oils	2018/19		191.43	209.49	85.20	183.38	22.69
	2019/20 (Est.)		194.90	212.67	84.75	186.71	23.77
	2020/21 (Proj.)	Mar	196.31	214.73	85.68	191.26	21.00
		Apr	196.05	215.06	85.53	190.82	21.51

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

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U.S. Wheat Supply and Use 1/

	2018/19	2019/20 Est.	2020/21 Proj. Mar	2020/21 Proj. Apr
			<i>Million Acres</i>	
Area Planted	47.8	45.5	44.3	44.3
Area Harvested	39.6	37.4	36.7	36.7
			<i>Bushels</i>	
Yield per Harvested Acre	47.6	51.7	49.7	49.7
			<i>Million Bushels</i>	
Beginning Stocks	1,099	1,080	1,028	1,028
Production	1,885	1,932	1,826	1,826
Imports	135	105	120	110
Supply, Total	3,119	3,117	2,974	2,964
Food	954	962	965	965
Seed	59	60	63	63
Feed and Residual	88	101	125	100
Domestic, Total	1,102	1,123	1,153	1,128
Exports	937	965	985	985
Use, Total	2,039	2,089	2,138	2,113
Ending Stocks	1,080	1,028	836	852
Avg. Farm Price (\$/bu) 2/	5.16	4.58	5.00	5.00

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red	Hard Red	Soft Red	White	Durum	Total
		Winter	Spring	Winter			
				<i>Million</i>		<i>Bushels</i>	
2019/20 (Est.)	Beginning Stocks	516	263	158	88	55	1,080
	Production	845	520	240	273	54	1,932
	Supply, Total 3/	1,363	836	402	367	150	3,117
	Domestic Use	480	288	204	85	66	1,123
	Exports	376	268	92	187	42	965
	Use, Total	856	556	297	272	108	2,089
	Ending Stocks, Total	506	280	105	95	42	1,028
2020/21 (Proj.)	Beginning Stocks	506	280	105	95	42	1,028
	Production	659	530	266	302	69	1,826
	Supply, Total 3/	1,168	862	378	405	151	2,964
	Domestic Use	412	323	210	91	94	1,128
	Exports	345	285	75	250	30	985
	Use, Total	757	608	285	341	124	2,113
	Ending Stocks, Total	411	255	94	64	27	852
		Apr					
		Mar					
		383	258	99	64	32	836

Note: Totals may not add due to rounding. 1/ Marketing year beginning June 1. 2/ Marketing-year weighted average price received by farmers. 3/ Includes imports.

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

	2018/19	2019/20 Est.	2020/21 Proj. Mar	2020/21 Proj. Apr
FEED GRAINS				
			<i>Million Acres</i>	
Area Planted	99.9	100.6	102.3	102.3
Area Harvested	89.2	89.1	90.7	90.7
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.24	4.03	4.13	4.13
			<i>Million Metric Tons</i>	
Beginning Stocks	57.9	60.5	51.8	51.8
Production	377.7	359.2	374.3	374.3
Imports	2.3	2.8	2.4	2.4
Supply, Total	437.9	422.4	428.5	428.5
Feed and Residual	142.9	154.3	147.2	148.4
Food, Seed & Industrial	179.6	165.9	166.4	167.0
Domestic, Total	322.5	320.1	313.6	315.4
Exports	55.0	50.5	73.8	75.7
Use, Total	377.5	370.6	387.4	391.2
Ending Stocks	60.5	51.8	41.1	37.3
CORN				
			<i>Million Acres</i>	
Area Planted	88.9	89.7	90.8	90.8
Area Harvested	81.3	81.3	82.5	82.5
			<i>Bushels</i>	
Yield per Harvested Acre	176.4	167.5	172.0	172.0
			<i>Million Bushels</i>	
Beginning Stocks	2,140	2,221	1,919	1,919
Production	14,340	13,620	14,182	14,182
Imports	28	42	25	25
Supply, Total	16,509	15,883	16,127	16,127
Feed and Residual	5,429	5,897	5,650	5,700
Food, Seed & Industrial 2/	6,793	6,287	6,375	6,400
Ethanol & by-products 3/	5,378	4,857	4,950	4,975
Domestic, Total	12,222	12,185	12,025	12,100
Exports	2,066	1,778	2,600	2,675
Use, Total	14,288	13,963	14,625	14,775
Ending Stocks	2,221	1,919	1,502	1,352
Avg. Farm Price (\$/bu) 4/	3.61	3.56	4.30	4.30

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at www.ers.usda.gov/data-products/feed-grains-database.aspx. 3/ Corn processed in ethanol plants to produce ethanol and by-products including distillers' grains, corn gluten feed, corn gluten meal, and corn oil. 4/ Marketing-year weighted average price received by farmers.

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

	2018/19	2019/20 Est.	2020/21 Proj. Mar	2020/21 Proj. Apr
SORGHUM				
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.7	5.3	5.9	5.9
Area Harvested (mil. acres)	5.1	4.7	5.1	5.1
Yield (bushels/acre)	72.1	73.0	73.2	73.2
Beginning Stocks	35	64	30	30
Production	365	341	373	373
Imports	0	0	0	0
Supply, Total	400	405	403	403
Feed and Residual	138	96	70	75
Food, Seed & Industrial	106	75	10	10
Total Domestic	244	171	80	85
Exports	93	204	295	295
Use, Total	336	375	375	380
Ending Stocks	64	30	28	23
Avg. Farm Price (\$/bu) 2/	3.26	3.34	5.00	5.05
BARLEY				
Area Planted (mil. acres)	2.5	2.8	2.6	2.6
Area Harvested (mil. acres)	2.0	2.2	2.1	2.1
Yield (bushels/acre)	77.5	77.7	77.5	77.5
Beginning Stocks	94	87	80	80
Production	154	172	165	165
Imports	6	7	7	7
Supply, Total	254	266	253	253
Feed and Residual	14	39	25	20
Food, Seed & Industrial	148	142	141	141
Total Domestic	162	180	166	161
Exports	5	6	10	12
Use, Total	167	186	176	173
Ending Stocks	87	80	77	80
Avg. Farm Price (\$/bu) 2/	4.62	4.69	4.70	4.70
OATS				
Area Planted (mil. acres)	2.7	2.8	3.0	3.0
Area Harvested (mil. acres)	0.9	0.8	1.0	1.0
Yield (bushels/acre)	64.9	64.3	65.1	65.1
Beginning Stocks	41	38	37	37
Production	56	53	65	65
Imports	86	92	92	92
Supply, Total	184	183	194	194
Feed and Residual	66	63	75	70
Food, Seed & Industrial	78	81	79	79
Total Domestic	144	144	154	149
Exports	2	2	2	2
Use, Total	146	146	156	151
Ending Stocks	38	37	38	43
Avg. Farm Price (\$/bu) 2/	2.66	2.82	2.70	2.75

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers.

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

TOTAL RICE	2018/19	2019/20 Est.	2020/21 Proj. Mar	2020/21 Proj. Apr
		<i>Million Acres</i>		
Area Planted	2.95	2.55	3.04	3.04
Area Harvested	2.91	2.48	2.99	2.99
		<i>Pounds</i>		
Yield per Harvested Acre	7,692	7,473	7,619	7,619
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	29.4	44.9	28.7	28.7
Production	223.8	185.1	227.6	227.6
Imports	29.0	37.3	36.2	35.7
Supply, Total	282.2	267.3	292.4	291.9
Domestic & Residual 3/	143.8	144.4	160.0	158.0
Exports, Total 4/	93.6	94.2	93.0	91.0
Rough	33.3	31.2	35.0	34.0
Milled (rough equiv.)	60.3	62.9	58.0	57.0
Use, Total	237.3	238.6	253.0	249.0
Ending Stocks	44.9	28.7	39.4	42.9
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	12.60	13.60	13.60	13.70

LONG-GRAIN RICE

Harvested Acres (mil.)	2.18	1.73	2.30	2.30
Yield (pounds/acre)	7,517	7,261	7,422	7,422
Beginning Stocks	20.3	32.6	16.9	16.9
Production	163.6	125.6	170.9	170.9
Supply, Total 7/	207.3	188.0	217.3	216.8
Domestic & Residual 3/	108.5	106.4	125.0	123.0
Exports 8/	66.2	64.6	65.0	63.0
Use, Total	174.7	171.1	190.0	186.0
Ending Stocks	32.6	16.9	27.3	30.8
Avg. Farm Price (\$/cwt) 6/	10.80	12.00	12.40	12.50

MEDIUM & SHORT-GRAIN RICE

Harvested Acres (mil.)	0.73	0.75	0.69	0.69
Yield (pounds/acre)	8,209	7,964	8,282	8,282
Beginning Stocks	7.6	10.2	10.7	10.7
Production	60.3	59.5	56.7	56.7
Supply, Total 7/	72.8	78.3	74.1	74.1
Domestic & Residual 3/	35.3	38.0	35.0	35.0
Exports 8/	27.3	29.6	28.0	28.0
Use, Total	62.6	67.6	63.0	63.0
Ending Stocks	10.2	10.7	11.1	11.1
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.50	18.20	17.00	17.30
California 10/	21.10	21.60	19.00	19.30
Other States 1/	12.30	11.60	12.80	12.90

Note: Totals may not add due to rounding. 1/ Marketing year beginning August 1. 2/ Includes the following quantities of broken kernel rice (type undetermined) not included in estimates of ending stocks by type (in mil. cwt): 2015/16-2.9; 2016/17-3.5; 2017/18-1.4. 3/ Residual includes unreported use, processing losses, and estimating errors. Use by type may not add to total rice use because of the difference in brokens between beginning and ending stocks. 4/ Includes rough rice and milled rice exports. Milled rice exports are converted to an equivalent rough basis. 5/ Expressed as a percent, i.e., the total quantity of whole kernel and broken rice produced divided by the quantity of rough rice milled. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The medium/short-grain season-average- farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFPs forecasts based on the average of NASS monthly prices and the final price may differ. For example, the average difference between the preliminary California SAFPs 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.

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

SOYBEANS	2018/19	2019/20 Est.	2020/21 Proj.	2020/21 Proj.
			Mar	Apr
			<i>Million Acres</i>	
Area Planted	89.2	76.1	83.1	83.1
Area Harvested	87.6	74.9	82.3	82.3
			<i>Bushels</i>	
Yield per Harvested Acre	50.6	47.4	50.2	50.2
			<i>Million Bushels</i>	
Beginning Stocks	438	909	525	525
Production	4,428	3,552	4,135	4,135
Imports	14	15	35	35
Supply, Total	4,880	4,476	4,695	4,695
Crushings	2,092	2,165	2,200	2,190
Exports	1,752	1,682	2,250	2,280
Seed	88	96	104	102
Residual	39	9	21	4
Use, Total	3,971	3,952	4,575	4,575
Ending Stocks	909	525	120	120
Avg. Farm Price (\$/bu) 2/	8.48	8.57	11.15	11.25
SOYBEAN OIL				
			<i>Million Pounds</i>	
Beginning Stocks	1,995	1,775	1,853	1,853
Production 4/	24,197	24,911	25,630	25,515
Imports	397	319	350	350
Supply, Total	26,590	27,006	27,833	27,718
Domestic Disappearance	22,874	22,314	23,500	23,500
Biodiesel 3/	7,863	7,858	8,300	7,900
Food, Feed & other Industrial	15,011	14,456	15,200	15,600
Exports	1,940	2,839	2,600	2,500
Use, Total	24,815	25,153	26,100	26,000
Ending stocks	1,775	1,853	1,733	1,718
Avg. Price (c/lb) 2/	28.26	29.65	41.00	45.00
SOYBEAN MEAL				
			<i>Thousand Short Tons</i>	
Beginning Stocks	555	402	341	341
Production 4/	48,814	51,100	51,959	51,759
Imports	683	639	600	600
Supply, Total	50,052	52,142	52,900	52,700
Domestic Disappearance	36,212	37,723	38,300	38,100
Exports	13,438	14,077	14,250	14,250
Use, Total	49,650	51,800	52,550	52,350
Ending Stocks	402	341	350	350
Avg. Price (\$/s.t.) 2/	308.28	299.50	400.00	400.00

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 2,173 million bushels for 2019/20 and 2,190 million bushels for 2020/21.

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U.S. Sugar Supply and Use 1/

	2018/19	2019/20 Est.	2020/21 Proj. Mar	2020/21 Proj. Apr
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	2,008	1,783	1,618	1,618
Production 2/	8,999	8,149	9,374	9,344
Beet Sugar	4,939	4,351	5,093	5,093
Cane Sugar	4,060	3,798	4,281	4,251
Florida	2,005	2,106	2,200	2,170
Hawaii	0	0	0	0
Louisiana	1,907	1,566	1,949	1,949
Texas	147	126	132	132
Imports	3,070	4,235	3,122	3,152
TRQ 3/	1,541	2,152	1,721	1,721
Other Program 4/	438	432	300	300
Other 5/	1,092	1,651	1,101	1,131
Mexico	1,000	1,376	931	931
Total Supply	14,077	14,166	14,113	14,113
Exports	35	61	35	35
Deliveries	12,231	12,414	12,230	12,230
Food	12,106	12,316	12,125	12,125
Other 6/	126	98	105	105
Miscellaneous	28	74	0	0
Total Use	12,294	12,549	12,265	12,265
Ending Stocks	1,783	1,618	1,848	1,848
Stocks to Use Ratio	14.5	12.9	15.1	15.1

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 (80) 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 (275) and 2020/21 (200). 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 -- 298; projected 2020/21 -- 347.

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.	1,169	5,278	77	4,455	1,212	858
	Mar	1,169	5,278	77	4,455	1,212	858
2020/21 Proj.	Apr	858	5,900	105	4,445	1,492	926
	Mar	858	5,900	105	4,445	1,492	926

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2018/19 = 1,528; Estimated 2019/20 = 1,388; Projected 2020/21 = 1,377; Estimated Oct-Feb 2020/21 = 537; Estimated Oct-Feb 2019/20 = 571. 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 (352 est =330 dom.+23 import); 2020/21 (415 proj =350 dom.+65 import). Statistical Adjustments: 2019/20 (1), 2020/21 (0).

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U.S. Cotton Supply and Use 1/

	2018/19	2019/20 Est.	2020/21 Proj. Mar	2020/21 Proj. Apr
Area				
		<i>Million Acres</i>		
Planted	14.10	13.74	12.09	12.09
Harvested	9.99	11.61	8.70	8.70
		<i>Pounds</i>		
Yield per Harvested Acre	882	823	811	811
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	4.20	4.85	7.25	7.25
Production	18.37	19.91	14.70	14.70
Imports	0.00	0.00	0.00	0.00
Supply, Total	22.57	24.77	21.95	21.95
Domestic Use	2.98	2.15	2.30	2.30
Exports, Total	14.84	15.53	15.50	15.75
Use, Total	17.81	17.68	17.80	18.05
Unaccounted 2/	-0.09	-0.16	-0.05	0.00
Ending Stocks	4.85	7.25	4.20	3.90
Avg. Farm Price 3/	70.3	59.6	69.0	68.0

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton.

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

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	287.18	731.00	171.27	139.25	734.81	173.67	283.37
World Less China	155.98	599.57	168.12	119.25	609.81	172.67	143.61
United States	29.91	51.31	3.66	2.39	29.99	25.50	29.39
Total Foreign	257.27	679.69	167.60	136.86	704.82	148.17	253.99
Major Exporters 4/	42.93	302.77	7.31	81.91	194.75	120.77	37.50
Argentina	0.47	19.50	0.01	0.05	6.05	12.19	1.74
Australia	4.55	17.60	0.50	5.70	9.20	9.01	4.44
Canada	6.73	32.35	0.48	4.16	9.15	24.38	6.04
EU-27+UK 5/	17.94	136.58	5.76	51.50	121.05	23.31	15.92
Russia	12.01	71.69	0.45	18.00	40.50	35.86	7.78
Ukraine	1.24	25.06	0.11	2.50	8.80	16.02	1.59
Major Importers 6/	177.35	199.78	111.72	37.99	294.01	12.44	182.40
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	0.70	6.45	0.29	1.08
N. Africa 7/	14.87	21.00	26.96	2.25	46.10	1.19	15.53
Nigeria	0.20	0.06	4.66	0.05	4.32	0.40	0.20
Sel. Mideast 8/	15.28	17.88	17.23	3.45	37.70	0.63	12.06
Southeast Asia 9/	5.51	0.00	26.72	7.94	25.29	1.07	5.87
Selected Other							
India	13.23	99.87	0.02	5.00	95.63	0.50	16.99
Kazakhstan	2.54	13.95	0.09	1.80	6.60	8.30	1.68
2019/20 Est.							
World 3/	283.37	763.86	185.42	139.22	747.18	191.52	300.04
World Less China	143.61	630.27	180.04	120.22	621.18	190.47	148.36
United States	29.39	52.58	2.86	2.75	30.56	26.28	27.99
Total Foreign	253.99	711.27	182.56	136.47	716.62	165.25	272.06
Major Exporters 4/	37.50	324.77	6.80	81.21	195.26	141.19	32.63
Argentina	1.74	19.78	0.01	0.05	6.30	13.50	1.72
Australia	4.44	15.20	0.89	5.00	8.50	9.14	2.90
Canada	6.04	32.67	0.68	4.16	9.26	24.63	5.50
EU-27+UK 5/	15.92	154.34	4.80	52.50	122.50	38.43	14.13
Russia	7.78	73.61	0.33	17.00	40.00	34.49	7.23
Ukraine	1.59	29.17	0.10	2.50	8.70	21.01	1.15
Major Importers 6/	182.40	202.53	122.17	36.79	297.39	12.79	196.91
Bangladesh	1.26	1.20	6.80	0.30	7.40	0.00	1.86
Brazil	1.06	5.20	7.20	0.50	12.10	0.42	0.94
China	139.77	133.59	5.38	19.00	126.00	1.05	151.68
Japan	1.08	1.10	5.68	0.65	6.37	0.29	1.20
N. Africa 7/	15.53	18.40	27.74	1.85	46.25	1.07	14.36
Nigeria	0.20	0.06	5.34	0.05	4.90	0.40	0.30
Sel. Mideast 8/	12.06	22.20	17.71	3.60	38.47	0.78	12.71
Southeast Asia 9/	5.87	0.00	26.45	7.64	25.05	1.13	6.14
Selected Other							
India	16.99	103.60	0.02	6.00	95.40	0.51	24.70
Kazakhstan	1.68	11.45	0.58	1.30	6.10	6.99	0.63

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, EU-27+UK, Russia, and Ukraine. 5/ Trade excludes intra-trade. 6/ Bangladesh, Brazil, China, South Korea, Japan, Nigeria, Mexico, Turkey, Egypt, Algeria, Libya, Morocco, Tunisia, Indonesia, Malaysia, Philippines, Thailand, Vietnam, Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 7/ Algeria, Egypt, Libya, Morocco, and Tunisia. 8/ Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman 9/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	300.29	776.78	191.59	152.98	775.89	197.69	301.19
	Apr	300.04	776.49	191.84	156.66	781.01	198.91	295.52
World Less China	Mar	148.61	642.53	181.09	117.98	630.89	196.69	150.76
	Apr	148.36	642.24	181.34	116.66	631.01	197.91	150.09
United States	Mar	27.99	49.69	3.27	3.40	31.38	26.81	22.76
	Apr	27.99	49.69	2.99	2.72	30.69	26.81	23.18
Total Foreign	Mar	272.31	727.09	188.32	149.58	744.51	170.88	278.43
	Apr	272.06	726.80	188.85	153.94	750.33	172.11	272.35
Major Exporters 4/	Mar	32.80	332.04	7.33	78.75	192.55	144.00	35.61
	Apr	32.63	332.27	7.33	77.75	191.75	145.00	35.47
Argentina	Mar	1.72	17.20	0.01	0.05	6.05	11.50	1.38
	Apr	1.72	17.63	0.01	0.05	6.25	11.50	1.61
Australia	Mar	2.90	33.00	0.20	5.00	8.50	22.00	5.60
	Apr	2.90	33.00	0.20	5.00	8.50	22.00	5.60
Canada	Mar	5.50	35.18	0.55	4.70	9.90	27.00	4.33
	Apr	5.50	35.18	0.55	4.70	9.90	27.00	4.33
EU-27+UK 5/	Mar	14.30	135.80	6.00	49.00	118.50	27.00	10.60
	Apr	14.13	135.60	6.00	48.00	117.50	27.50	10.73
Russia	Mar	7.23	85.35	0.50	18.00	41.50	39.00	12.58
	Apr	7.23	85.35	0.50	18.00	41.50	39.50	12.08
Ukraine	Mar	1.15	25.50	0.08	2.00	8.10	17.50	1.12
	Apr	1.15	25.50	0.08	2.00	8.10	17.50	1.12
Major Importers 6/	Mar	196.91	203.11	125.25	52.18	318.48	13.12	193.68
	Apr	196.91	202.82	124.95	57.28	323.48	13.17	188.04
Bangladesh	Mar	1.86	1.22	6.60	0.30	7.50	0.00	2.18
	Apr	1.86	1.22	6.60	0.30	7.50	0.00	2.18
Brazil	Mar	0.94	6.25	6.70	0.50	12.20	0.90	0.79
	Apr	0.94	6.25	6.70	0.50	12.20	0.95	0.74
China	Mar	151.68	134.25	10.50	35.00	145.00	1.00	150.43
	Apr	151.68	134.25	10.50	40.00	150.00	1.00	145.43
Japan	Mar	1.20	1.10	5.60	0.60	6.30	0.28	1.32
	Apr	1.20	0.99	5.60	0.70	6.40	0.28	1.11
N. Africa 7/	Mar	14.36	16.64	29.40	1.75	46.95	0.99	12.45
	Apr	14.36	16.64	29.40	1.75	46.95	0.99	12.45
Nigeria	Mar	0.30	0.06	5.50	0.05	4.95	0.50	0.41
	Apr	0.30	0.06	5.50	0.05	4.95	0.50	0.41
Sel. Mideast 8/	Mar	12.70	22.28	18.30	3.59	39.44	0.69	13.16
	Apr	12.71	22.18	18.30	3.59	39.54	0.74	12.92
Southeast Asia 9/	Mar	6.14	0.00	25.75	7.29	25.09	1.11	5.69
	Apr	6.14	0.00	25.55	7.29	24.99	1.11	5.59
Selected Other								
India	Mar	24.70	107.86	0.03	6.50	103.09	2.00	27.50
	Apr	24.70	107.86	0.03	6.50	103.09	2.20	27.30
Kazakhstan	Mar	0.63	14.26	0.50	1.40	6.20	7.50	1.69
	Apr	0.63	14.26	0.50	1.40	6.20	7.50	1.69

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, EU-27+UK, Russia, and Ukraine. 5/ Trade excludes intra-trade. 6/ Bangladesh, Brazil, China, South Korea, Japan, Nigeria, Mexico, Turkey, Egypt, Algeria, Libya, Morocco, Tunisia, Indonesia, Malaysia, Philippines, Thailand, Vietnam, Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 7/ Algeria, Egypt, Libya, Morocco, and Tunisia. 8/ Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 9/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	372.51	1,399.15	194.37	852.77	1,421.46	212.78	350.20
World Less China	149.53	1,135.19	183.83	657.32	1,134.45	212.71	139.80
United States	57.92	377.91	2.63	143.09	323.02	54.97	60.47
Total Foreign	314.59	1,021.24	191.74	709.68	1,098.44	157.81	289.73
Major Exporters 4/	27.12	293.19	5.66	127.91	172.32	134.02	19.63
Argentina	3.37	59.22	0.02	12.28	18.09	40.89	3.62
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	39.70	5.67
Canada	4.57	26.20	2.62	16.18	24.10	5.98	3.30
Russia	1.37	35.00	0.05	18.80	27.37	7.84	1.22
Ukraine	2.91	44.50	0.06	8.33	11.36	34.07	2.04
Major Importers 5/	41.21	243.72	144.25	294.80	379.72	11.12	38.35
EU-27+UK 6/	17.76	148.26	26.49	126.00	168.19	8.83	15.49
Japan	1.80	0.18	17.73	13.84	17.95	0.00	1.75
Mexico	6.18	33.47	17.36	31.27	50.51	0.72	5.78
N. Afr & Mideast 7/	7.80	31.09	39.90	62.17	70.48	0.89	7.41
Saudi Arabia	2.44	0.22	10.17	10.75	11.13	0.00	1.70
Southeast Asia 8/	2.56	30.19	17.04	37.89	45.72	0.68	3.38
South Korea	1.86	0.23	10.96	8.59	11.20	0.00	1.86
Selected Other							
China	222.98	263.96	10.54	195.45	287.01	0.07	210.40
2019/20 Est.							
World 3/	350.20	1,411.74	200.78	879.43	1,428.34	208.61	333.60
World Less China	139.80	1,143.54	183.29	678.61	1,133.27	208.57	132.61
United States	60.47	359.43	3.11	154.45	320.68	50.51	51.83
Total Foreign	289.73	1,052.31	197.68	724.97	1,107.66	158.11	281.77
Major Exporters 4/	19.63	306.15	4.60	133.97	178.53	128.75	23.11
Argentina	3.62	58.13	0.02	12.12	17.78	39.32	4.68
Australia	2.43	10.44	0.01	4.78	6.75	3.88	2.25
Brazil	5.67	105.57	2.31	61.51	72.64	35.23	5.68
Canada	3.30	28.61	1.92	17.50	24.85	5.01	3.98
Russia	1.22	40.50	0.18	22.29	31.39	8.63	1.87
Ukraine	2.04	46.55	0.03	8.89	11.89	34.08	2.65
Major Importers 5/	38.35	257.69	142.31	297.98	383.97	15.76	38.62
EU-27+UK 6/	15.49	162.08	19.29	124.50	167.42	13.38	16.07
Japan	1.75	0.23	17.63	13.91	17.87	0.00	1.74
Mexico	5.78	32.10	17.60	30.83	50.31	1.03	4.14
N. Afr & Mideast 7/	7.41	33.34	41.65	65.06	73.54	0.74	8.12
Saudi Arabia	1.70	0.20	11.33	11.15	11.51	0.00	1.72
Southeast Asia 8/	3.38	29.40	18.17	38.50	46.52	0.61	3.82
South Korea	1.86	0.28	11.98	9.55	12.09	0.00	2.02
Selected Other							
China	210.40	268.20	17.50	200.82	295.07	0.04	200.98

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/ EU-27+UK, Japan, Mexico, selected North Africa and Middle East, Saudi Arabia, Southeast Asia, and South Korea. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	331.79	1,444.83	222.00	904.24	1,458.54	230.09	318.08
	Apr	333.60	1,445.99	222.52	908.17	1,463.93	231.17	315.66
World Less China	Mar	130.81	1,176.79	181.75	684.44	1,146.36	230.02	121.05
	Apr	132.61	1,177.95	181.37	687.47	1,150.85	231.10	118.63
United States	Mar	51.83	374.57	2.65	147.40	314.15	73.79	41.11
	Apr	51.83	374.57	2.65	148.62	316.00	75.74	37.31
Total Foreign	Mar	279.96	1,070.27	219.34	756.84	1,144.39	156.30	276.97
	Apr	281.77	1,071.43	219.87	759.56	1,147.92	155.43	278.35
Major Exporters 4/	Mar	22.98	312.10	4.15	138.83	184.40	130.40	24.43
	Apr	23.11	311.95	4.22	139.79	185.39	129.92	23.97
Argentina	Mar	4.84	55.59	0.01	13.51	19.18	37.81	3.45
	Apr	4.68	55.49	0.01	13.01	18.78	38.01	3.39
Australia	Mar	2.25	16.56	0.00	6.66	8.73	6.95	3.13
	Apr	2.25	16.46	0.00	6.61	8.68	6.90	3.13
Brazil	Mar	5.28	112.41	2.20	63.08	74.22	39.03	6.65
	Apr	5.68	112.41	2.20	63.58	74.72	39.03	6.54
Canada	Mar	3.98	29.64	1.81	17.53	25.21	6.45	3.78
	Apr	3.98	29.64	1.89	17.53	25.11	6.75	3.66
Russia	Mar	1.87	41.40	0.07	22.87	32.44	8.66	2.23
	Apr	1.87	41.40	0.07	22.87	32.44	8.65	2.25
Ukraine	Mar	2.65	38.71	0.03	8.10	11.19	28.30	1.90
	Apr	2.65	38.71	0.03	9.11	12.21	27.38	1.80
Major Importers 5/	Mar	36.81	260.08	139.21	301.45	388.04	11.88	36.20
	Apr	38.62	260.33	138.83	301.75	388.10	12.09	37.60
EU-27+UK 6/	Mar	13.94	161.86	15.76	124.85	168.09	9.34	14.12
	Apr	16.07	162.49	15.76	125.75	168.99	9.55	15.77
Japan	Mar	1.70	0.25	17.22	13.46	17.53	0.00	1.65
	Apr	1.74	0.23	17.17	13.57	17.45	0.00	1.69
Mexico	Mar	4.14	33.19	16.88	30.28	49.71	0.90	3.60
	Apr	4.14	32.96	17.03	30.25	49.69	0.90	3.54
N. Afr & Mideast 7/	Mar	8.13	33.77	41.02	65.85	74.28	0.77	7.87
	Apr	8.12	33.77	40.44	65.26	73.69	0.77	7.86
Saudi Arabia	Mar	2.07	0.27	12.31	12.25	12.61	0.00	2.04
	Apr	1.72	0.19	12.31	12.25	12.61	0.00	1.62
Southeast Asia 8/	Mar	3.82	30.45	19.93	40.90	49.22	0.86	4.11
	Apr	3.82	30.40	20.03	41.00	49.22	0.86	4.16
South Korea	Mar	2.03	0.22	11.61	9.35	11.86	0.00	1.99
	Apr	2.02	0.22	11.61	9.15	11.66	0.00	2.19
Selected Other								
China	Mar	200.98	268.05	40.25	219.80	312.18	0.07	197.03
	Apr	200.98	268.05	41.15	220.70	313.08	0.07	197.03

1/ Aggregate of local marketing years. Coarse grains include corn, sorghum, barley, oats, rye, millet, and mixed grains (for U.S. excludes millet and mixed grains). 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Brazil, Canada, Russia, South Africa, and Ukraine. 5/ EU-27+UK, Japan, Mexico, selected North Africa and Middle East, Saudi Arabia, Southeast Asia, and South Korea. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2018/19	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	340.97	1,124.92	164.42	703.88	1,144.82	181.71	321.07
World Less China	118.44	867.74	159.94	512.88	870.82	181.69	110.90
United States	54.37	364.26	0.71	137.91	310.45	52.48	56.41
Total Foreign	286.60	760.65	163.71	565.98	834.37	129.23	264.66
Major Exporters 4/	16.16	211.04	2.25	86.34	108.04	111.45	9.97
Argentina	2.41	51.00	0.00	9.70	13.80	37.24	2.37
Brazil	9.32	101.00	1.66	57.00	67.00	39.66	5.31
Russia	0.20	11.42	0.04	7.60	8.50	2.77	0.38
South Africa	2.67	11.82	0.51	7.04	12.54	1.45	1.02
Ukraine	1.57	35.81	0.04	5.00	6.20	30.32	0.89
Major Importers 5/	23.25	129.15	99.36	169.33	224.47	5.03	22.26
Egypt	1.85	6.80	9.37	13.70	16.20	0.00	1.81
EU-27+UK 6/	9.16	64.38	25.25	67.00	87.50	3.63	7.66
Japan	1.39	0.00	16.05	12.30	16.00	0.00	1.45
Mexico	5.65	27.67	16.66	25.90	44.10	0.72	5.16
Southeast Asia 7/	2.54	30.14	16.66	37.60	45.30	0.68	3.37
South Korea	1.85	0.08	10.86	8.56	10.95	0.00	1.84
Selected Other							0.00
Canada	2.42	13.89	2.56	9.30	15.09	1.80	1.98
China	222.53	257.17	4.48	191.00	274.00	0.02	210.16
2019/20 Est.							
World 3/	321.07	1,116.52	165.36	714.35	1,134.60	171.72	302.99
World Less China	110.90	855.74	157.77	521.35	856.60	171.71	102.46
United States	56.41	345.96	1.06	149.80	309.51	45.17	48.76
Total Foreign	264.66	770.56	164.30	564.55	825.09	126.55	254.23
Major Exporters 4/	9.97	219.01	1.73	88.80	110.80	107.08	12.82
Argentina	2.37	51.00	0.00	9.50	13.50	36.25	3.62
Brazil	5.31	102.00	1.65	58.50	68.50	35.23	5.23
Russia	0.38	14.28	0.05	8.80	9.80	4.07	0.83
South Africa	1.02	15.84	0.00	6.80	12.60	2.60	1.66
Ukraine	0.89	35.89	0.03	5.20	6.40	28.93	1.48
Major Importers 5/	22.26	129.32	95.17	164.05	219.65	6.45	20.65
Egypt	1.81	6.40	10.43	14.40	16.90	0.01	1.73
EU-27+UK 6/	7.66	66.76	18.61	60.00	81.00	4.81	7.22
Japan	1.45	0.00	15.89	12.40	15.95	0.00	1.39
Mexico	5.16	26.66	16.53	25.60	43.80	1.03	3.52
Southeast Asia 7/	3.37	29.35	17.26	37.70	45.55	0.61	3.81
South Korea	1.84	0.08	11.88	9.50	11.80	0.00	2.00
Selected Other							0.00
Canada	1.98	13.40	1.84	8.66	13.96	0.71	2.56
China	210.16	260.78	7.60	193.00	278.00	0.01	200.53

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, EU-27+UK, Japan, Mexico, Southeast Asia, and South Korea. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	303.13	1,136.31	179.94	728.25	1,151.77	186.55	287.67
	Apr	302.99	1,137.05	179.98	731.27	1,156.19	187.26	283.85
World Less China	Mar	102.60	875.64	155.94	522.25	862.77	186.53	91.49
	Apr	102.46	876.38	155.98	525.27	867.19	187.24	87.67
United States	Mar	48.76	360.25	0.64	143.52	305.45	66.04	38.15
	Apr	48.76	360.25	0.64	144.79	307.35	67.95	34.34
Total Foreign	Mar	254.37	776.06	179.30	584.73	846.32	120.51	249.52
	Apr	254.23	776.80	179.35	586.48	848.84	119.31	249.51
Major Exporters 4/	Mar	12.54	216.87	1.56	92.70	114.80	103.30	12.87
	Apr	12.82	216.37	1.56	93.70	115.80	102.30	12.65
Argentina	Mar	3.67	47.50	0.01	11.00	15.00	34.00	2.18
	Apr	3.62	47.00	0.01	10.50	14.50	34.00	2.12
Brazil	Mar	4.79	109.00	1.50	60.00	70.00	39.00	6.29
	Apr	5.23	109.00	1.50	60.50	70.50	39.00	6.23
Russia	Mar	0.83	13.87	0.04	9.80	10.90	3.10	0.74
	Apr	0.83	13.87	0.04	9.80	10.90	3.10	0.74
South Africa	Mar	1.76	17.00	0.00	7.00	12.80	3.20	2.76
	Apr	1.66	17.00	0.00	7.00	12.80	3.20	2.66
Ukraine	Mar	1.48	29.50	0.02	4.90	6.10	24.00	0.89
	Apr	1.48	29.50	0.02	5.90	7.10	23.00	0.89
Major Importers 5/	Mar	20.61	128.46	92.50	161.75	217.60	3.97	20.00
	Apr	20.65	128.70	92.50	161.75	217.60	3.97	20.29
Egypt	Mar	1.73	6.40	10.30	14.40	16.90	0.01	1.52
	Apr	1.73	6.40	10.30	14.40	16.90	0.01	1.52
EU-27+UK 6/	Mar	7.18	63.70	15.50	56.00	77.00	2.20	7.18
	Apr	7.22	64.00	15.50	56.30	77.30	2.20	7.22
Japan	Mar	1.39	0.00	15.60	12.00	15.65	0.00	1.34
	Apr	1.39	0.00	15.60	12.10	15.60	0.00	1.39
Mexico	Mar	3.52	27.80	16.50	25.60	43.85	0.90	3.07
	Apr	3.52	27.80	16.50	25.60	43.85	0.90	3.07
Southeast Asia 7/	Mar	3.81	30.40	18.70	39.95	47.95	0.86	4.10
	Apr	3.81	30.35	18.70	39.75	47.85	0.86	4.15
South Korea	Mar	2.00	0.08	11.50	9.30	11.60	0.00	1.98
	Apr	2.00	0.08	11.50	9.10	11.40	0.00	2.18
Selected Other								
Canada	Mar	2.56	13.56	1.70	9.60	14.80	1.00	2.02
	Apr	2.56	13.56	1.70	9.60	14.80	1.00	2.02
China	Mar	200.53	260.67	24.00	206.00	289.00	0.02	196.18
	Apr	200.53	260.67	24.00	206.00	289.00	0.02	196.18

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Brazil, Russia, South Africa and Ukraine. 5/ Egypt, EU-27+UK, Japan, Mexico, Southeast Asia, and South Korea. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2018/19	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	163.74	497.34	43.97	484.59	43.90	176.49
World Less China	54.74	348.85	40.77	341.67	41.13	61.49
United States	0.93	7.11	0.92	4.57	2.97	1.42
Total Foreign	162.80	490.24	43.05	480.02	40.93	175.07
Major Exporters 4/	28.72	184.66	0.76	145.71	31.76	36.68
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	2.85	20.34	0.25	11.80	7.56	4.08
Vietnam	1.03	27.34	0.50	21.20	6.58	1.10
Major Importers 5/	122.59	239.14	17.13	247.82	3.18	127.87
China	109.00	148.49	3.20	142.92	2.77	115.00
EU-27+UK 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	3.93	5.90	0.00	0.94
Selected Other						0.00
Brazil	0.59	7.14	0.75	7.35	0.88	0.25
C. Amer & Carib 8/	0.57	1.74	1.78	3.47	0.04	0.58
Egypt	1.56	2.80	0.81	4.20	0.02	0.95
Japan	2.22	7.66	0.63	8.40	0.07	2.05
Mexico	0.15	0.19	0.77	0.93	0.03	0.15
South Korea	1.56	3.87	0.29	4.57	0.05	1.09

2019/20 Est.

World 3/	176.49	497.69	42.32	496.30	43.00	177.88
World Less China	61.49	350.96	39.72	351.07	40.40	61.38
United States	1.42	5.88	1.19	4.59	2.99	0.91
Total Foreign	175.07	491.82	41.13	491.72	40.01	176.97
Major Exporters 4/	36.68	183.53	0.66	153.21	30.48	37.17
Burma	1.07	12.70	0.01	10.40	2.30	1.08
India	29.50	118.87	0.00	105.98	12.49	29.90
Pakistan	0.93	7.20	0.00	3.28	3.82	1.03
Thailand	4.08	17.66	0.25	12.30	5.71	3.98
Vietnam	1.10	27.10	0.40	21.25	6.17	1.18
Major Importers 5/	127.87	239.82	14.48	250.47	2.97	128.73
China	115.00	146.73	2.60	145.23	2.60	116.50
EU-27+UK 6/	1.19	1.99	2.44	4.06	0.31	1.24
Indonesia	4.06	34.70	0.55	36.00	0.00	3.31
Nigeria	1.22	5.04	1.40	6.85	0.00	0.81
Philippines	3.52	11.93	2.45	14.30	0.00	3.60
Sel. Mideast 7/	0.94	2.34	3.97	6.03	0.00	1.22
Selected Other						0.00
Brazil	0.25	7.60	0.90	7.30	1.20	0.25
C. Amer & Carib 8/	0.58	1.63	1.86	3.39	0.04	0.65
Egypt	0.95	4.30	0.30	4.30	0.02	1.23
Japan	2.05	7.61	0.71	8.35	0.03	1.98
Mexico	0.15	0.18	0.80	0.94	0.02	0.18
South Korea	1.09	3.74	0.45	4.10	0.06	1.14

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, EU-27+UK, Philippines, Cote d'Ivoire, Indonesia, Iran, Iraq, and Saudi Arabia. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Mar	178.12	504.41	43.97	504.69	46.25	177.83
	Apr	177.88	504.17	43.65	504.31	45.98	177.74
World Less China	Mar	61.62	356.11	40.97	355.69	43.85	61.43
	Apr	61.38	355.87	40.65	355.31	43.58	61.34
United States	Mar	0.91	7.23	1.15	5.08	2.95	1.25
	Apr	0.91	7.23	1.13	5.02	2.89	1.36
Total Foreign	Mar	177.21	497.19	42.82	499.61	43.30	176.58
	Apr	176.97	496.94	42.52	499.29	43.10	176.38
Major Exporters 4/	Mar	37.22	187.30	0.71	153.95	34.50	36.78
	Apr	37.17	187.13	0.71	153.95	34.30	36.76
Burma	Mar	1.13	13.00	0.01	10.50	2.40	1.24
	Apr	1.08	12.60	0.01	10.40	2.10	1.19
India	Mar	29.90	121.00	0.00	106.50	15.50	28.90
	Apr	29.90	121.00	0.00	106.50	15.50	28.90
Pakistan	Mar	1.03	7.60	0.00	3.30	4.10	1.23
	Apr	1.03	7.60	0.00	3.30	4.10	1.23
Thailand	Mar	3.98	18.60	0.20	12.40	6.10	4.28
	Apr	3.98	18.83	0.20	12.50	6.20	4.31
Vietnam	Mar	1.18	27.10	0.50	21.25	6.40	1.13
	Apr	1.18	27.10	0.50	21.25	6.40	1.13
Major Importers 5/	Mar	128.95	241.17	15.60	254.66	2.77	128.29
	Apr	128.73	241.09	15.60	254.54	2.77	128.12
China	Mar	116.50	148.30	3.00	149.00	2.40	116.40
	Apr	116.50	148.30	3.00	149.00	2.40	116.40
EU-27+UK 6/	Mar	1.24	1.98	2.40	4.15	0.32	1.15
	Apr	1.24	1.96	2.40	4.14	0.32	1.15
Indonesia	Mar	3.31	35.50	0.50	35.80	0.00	3.51
	Apr	3.31	35.20	0.70	35.80	0.00	3.41
Nigeria	Mar	0.81	4.73	1.80	6.70	0.00	0.64
	Apr	0.81	4.73	1.80	6.70	0.00	0.64
Philippines	Mar	3.60	12.20	2.20	14.40	0.00	3.60
	Apr	3.60	12.40	2.00	14.40	0.00	3.60
Sel. Mideast 7/	Mar	1.44	2.27	3.70	6.21	0.00	1.20
	Apr	1.22	2.31	3.70	6.10	0.00	1.12
Selected Other							
Brazil	Mar	0.27	7.48	0.85	7.35	0.80	0.45
	Apr	0.25	7.48	0.85	7.35	0.80	0.43
C. Amer & Carib 8/	Mar	0.65	1.61	1.92	3.50	0.03	0.65
	Apr	0.65	1.59	1.92	3.48	0.03	0.65
Egypt	Mar	1.23	4.00	0.25	4.30	0.02	1.16
	Apr	1.23	4.00	0.25	4.30	0.02	1.16
Japan	Mar	1.98	7.62	0.69	8.27	0.08	1.94
	Apr	1.98	7.57	0.69	8.25	0.08	1.90
Mexico	Mar	0.18	0.19	0.80	0.96	0.01	0.20
	Apr	0.18	0.20	0.80	0.96	0.01	0.21
South Korea	Mar	1.14	3.51	0.45	4.00	0.06	1.04
	Apr	1.14	3.51	0.45	4.00	0.06	1.04

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. Total domestic includes both domestic use and unreported disappearance. 3/ World imports and exports may not balance due to differences in some countries. 4/ Burma, India, Pakistan, Thailand, and Vietnam. 5/ Bangladesh, China, Nigeria, EU-27+UK, Philippines, Cote d'Ivoire, Indonesia, Iran, Iraq, and Saudi Arabia. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.

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

2018/19	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	81.10	118.56	42.43	120.46	41.65	0.04	79.95
World Less China	43.11	90.81	32.79	80.96	41.43	0.04	44.28
United States	4.20	18.37	3/	2.98	14.84	-0.09	4.85
Total Foreign	76.90	100.20	42.43	117.49	26.81	0.14	75.10
Major Exporters 4/	26.93	54.52	2.48	33.32	22.33	0.02	28.26
Central Asia 5/	2.67	5.44	3/	3.80	2.04	0.00	2.28
Afr. Fr. Zone 6/	1.61	5.43	3/	0.17	5.47	0.00	1.41
S. Hemis. 7/	13.19	17.22	0.18	4.39	10.86	0.01	15.32
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	24.30	3.52	0.00	9.00
Major Importers 8/	48.11	42.69	37.40	79.99	3.24	0.11	44.87
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
EU-27+UK 9/	0.30	1.71	0.64	0.70	1.72	0.03	0.22
Turkey	1.95	3.75	3.61	6.90	0.71	0.00	1.69
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	1.05	0.00	0.03	0.20
Bangladesh	1.86	0.14	7.00	7.20	0.00	0.01	1.78
Vietnam	1.29	3/	6.94	7.00	0.00	0.00	1.23
2019/20 Est.							
World	79.95	122.12	40.73	102.93	41.48	-0.04	98.41
World Less China	44.28	94.87	33.59	69.93	41.32	-0.04	61.51
United States	4.85	19.91	3/	2.15	15.53	-0.16	7.25
Total Foreign	75.10	102.20	40.72	100.78	25.95	0.13	91.16
Major Exporters 4/	28.26	58.53	2.92	28.30	21.46	0.02	39.93
Central Asia 5/	2.28	5.96	3/	3.94	1.78	0.00	2.53
Afr. Fr. Zone 6/	1.41	5.91	3/	0.14	4.89	0.00	2.29
S. Hemis. 7/	15.32	16.71	0.14	3.56	11.31	0.01	17.29
Australia	1.57	0.63	3/	0.04	1.36	0.00	0.80
Brazil	12.26	13.78	0.01	2.70	8.94	0.00	14.40
India	9.00	29.50	2.28	20.00	3.20	0.00	17.58
Major Importers 8/	44.87	40.62	35.44	68.86	3.18	0.11	48.79
Mexico	0.69	1.57	0.59	1.48	0.66	0.03	0.69
China	35.67	27.25	7.14	33.00	0.16	0.00	36.90
EU-27+UK 9/	0.22	2.00	0.58	0.60	1.82	0.03	0.35
Turkey	1.69	3.45	4.67	6.60	0.45	0.00	2.77
Pakistan	2.50	6.20	3.98	9.20	0.06	0.03	3.39
Indonesia	0.53	3/	2.51	2.40	0.00	0.00	0.64
Thailand	0.20	3/	0.70	0.78	0.00	0.02	0.10
Bangladesh	1.78	0.14	7.50	6.90	0.00	0.01	2.52
Vietnam	1.23	3/	6.48	6.60	0.00	0.00	1.11

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

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

2020/21 Proj.		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Mar	98.84	113.32	44.53	117.46	44.54	0.09	94.59
	Apr	98.41	113.04	45.47	117.85	45.48	0.14	93.46
World Less China	Mar	61.94	84.32	33.53	77.96	44.42	0.09	57.32
	Apr	61.51	84.04	33.72	78.10	45.43	0.14	55.61
United States	Mar	7.25	14.70	3/	2.30	15.50	-0.05	4.20
	Apr	7.25	14.70	3/	2.30	15.75	0.00	3.90
Total Foreign	Mar	91.59	98.62	44.52	115.16	29.04	0.13	90.39
	Apr	91.16	98.34	45.47	115.55	29.73	0.13	89.56
Major Exporters 4/	Mar	40.08	56.20	1.51	33.16	24.93	0.02	39.68
	Apr	39.93	55.94	1.56	33.15	25.67	0.02	38.59
Central Asia 5/	Mar	2.68	5.83	3/	4.18	1.63	0.00	2.70
	Apr	2.53	5.75	3/	4.18	1.68	0.00	2.42
Afr. Fr. Zone 6/	Mar	2.29	4.77	3/	0.14	4.77	0.00	2.14
	Apr	2.29	4.77	3/	0.14	4.85	0.00	2.07
S. Hemis. 7/	Mar	17.29	16.25	0.16	3.91	12.57	0.01	17.21
	Apr	17.29	16.07	0.16	3.91	13.05	0.01	16.54
Australia	Mar	0.80	2.60	3/	0.04	1.40	0.00	1.97
	Apr	0.80	2.50	3/	0.04	1.40	0.00	1.87
Brazil	Mar	14.40	11.50	0.03	3.00	10.00	0.00	12.93
	Apr	14.40	11.50	0.03	3.00	10.50	0.00	12.43
India	Mar	17.58	29.00	0.80	24.30	5.70	0.00	17.38
	Apr	17.58	29.00	0.80	24.30	5.70	0.00	17.38
Major Importers 8/	Mar	49.06	39.26	40.51	78.09	2.69	0.11	47.94
	Apr	48.79	39.26	41.44	78.52	2.64	0.11	48.21
Mexico	Mar	0.67	1.03	0.80	1.55	0.40	0.03	0.52
	Apr	0.69	1.03	0.85	1.70	0.43	0.03	0.42
China	Mar	36.90	29.00	11.00	39.50	0.13	0.00	37.27
	Apr	36.90	29.00	11.75	39.75	0.05	0.00	37.85
EU-27+UK 9/	Mar	0.35	1.68	0.61	0.66	1.63	0.03	0.32
	Apr	0.35	1.68	0.60	0.66	1.63	0.03	0.31
Turkey	Mar	2.77	2.90	4.80	7.50	0.45	0.00	2.52
	Apr	2.77	2.90	4.80	7.50	0.45	0.00	2.52
Pakistan	Mar	3.39	4.50	5.20	10.30	0.05	0.03	2.72
	Apr	3.39	4.50	5.30	10.30	0.05	0.03	2.82
Indonesia	Mar	0.64	3/	2.40	2.55	0.00	0.00	0.49
	Apr	0.64	3/	2.25	2.40	0.00	0.00	0.49
Thailand	Mar	0.10	3/	0.60	0.58	0.00	0.03	0.10
	Apr	0.10	3/	0.60	0.58	0.00	0.03	0.10
Bangladesh	Mar	2.52	0.15	7.20	7.50	0.00	0.01	2.35
	Apr	2.52	0.15	7.40	7.70	0.00	0.01	2.35
Vietnam	Mar	1.41	3/	6.80	6.80	0.00	0.00	1.41
	Apr	1.11	3/	6.80	6.80	0.00	0.00	1.11

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

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

2018/19		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		100.66	361.04	145.88	298.53	344.28	148.83	114.48
World Less China		77.60	345.08	63.34	213.53	242.28	148.71	95.02
United States		11.92	120.52	0.38	56.94	60.40	47.68	24.74
Total Foreign		88.74	240.53	145.50	241.60	283.88	101.15	89.74
Major Exporters 3/		57.90	186.35	6.56	86.99	96.73	91.64	62.44
Argentina		23.73	55.30	6.41	40.57	47.45	9.10	28.89
Brazil		32.70	119.70	0.14	42.53	45.18	74.89	32.47
Paraguay		1.45	8.52	0.01	3.82	4.02	4.90	1.06
Major Importers 4/		25.67	19.84	115.04	113.03	138.08	0.32	22.16
China		23.06	15.97	82.54	85.00	102.00	0.12	19.46
EU-27+UK		1.40	2.67	14.99	15.60	17.26	0.18	1.61
Southeast Asia		0.84	0.66	8.34	3.81	9.08	0.02	0.74
Mexico		0.17	0.34	5.87	6.15	6.20	0.00	0.18
2019/20 Est.								
World 2/		114.48	339.00	164.97	311.45	357.01	165.05	96.38
World Less China		95.02	320.90	66.44	219.95	247.81	164.96	69.59
United States		24.74	96.67	0.42	58.91	61.77	45.78	14.28
Total Foreign		89.74	242.33	164.56	252.54	295.24	119.28	82.11
Major Exporters 3/		62.44	189.19	5.44	88.35	98.30	110.68	48.10
Argentina		28.89	48.80	4.88	38.77	45.87	10.00	26.70
Brazil		32.47	128.50	0.55	46.00	48.65	92.14	20.74
Paraguay		1.06	9.90	0.01	3.50	3.70	6.62	0.65
Major Importers 4/		22.16	21.77	132.63	120.81	146.65	0.30	29.61
China		19.46	18.10	98.53	91.50	109.20	0.09	26.80
EU-27+UK		1.61	2.62	15.66	16.35	18.01	0.19	1.70
Southeast Asia		0.74	0.61	9.36	4.50	9.85	0.02	0.84
Mexico		0.18	0.24	5.75	6.00	6.05	0.00	0.11
2020/21 Proj.								
World 2/	Mar	96.04	361.82	166.90	323.58	371.31	169.72	83.74
	Apr	96.38	363.19	167.76	322.47	369.55	170.91	86.87
World Less China	Mar	69.24	342.22	66.90	225.58	254.61	169.62	54.14
	Apr	69.59	343.59	67.76	226.47	254.85	170.81	55.27
United States	Mar	14.28	112.55	0.95	59.87	63.29	61.24	3.25
	Apr	14.28	112.55	0.95	59.60	62.47	62.05	3.25
Total Foreign	Mar	81.77	249.28	165.95	263.70	308.03	108.49	80.48
	Apr	82.11	250.64	166.81	262.87	307.08	108.86	83.62
Major Exporters 3/	Mar	48.11	193.90	5.11	90.48	100.53	100.63	45.96
	Apr	48.10	195.33	5.26	91.03	101.08	100.90	46.70
Argentina	Mar	26.70	47.50	4.70	40.20	47.40	7.00	24.50
	Apr	26.70	47.50	4.70	40.50	47.70	6.85	24.35
Brazil	Mar	20.75	134.00	0.40	46.50	49.15	85.00	21.00
	Apr	20.74	136.00	0.55	46.75	49.40	86.00	21.89
Paraguay	Mar	0.65	10.20	0.01	3.70	3.90	6.50	0.46
	Apr	0.65	9.70	0.01	3.70	3.90	6.00	0.46
Major Importers 4/	Mar	29.62	23.39	134.39	128.49	155.45	0.33	31.62
	Apr	29.61	23.25	134.43	126.53	153.44	0.32	33.53
China	Mar	26.80	19.60	100.00	98.00	116.70	0.10	29.60
	Apr	26.80	19.60	100.00	96.00	114.70	0.10	31.60
EU-27+UK	Mar	1.69	2.70	15.15	16.85	18.51	0.20	0.83
	Apr	1.70	2.58	15.35	17.00	18.66	0.20	0.76
Southeast Asia	Mar	0.79	0.60	9.63	4.72	10.12	0.03	0.87
	Apr	0.84	0.60	9.67	4.81	10.19	0.02	0.90
Mexico	Mar	0.16	0.26	6.20	6.40	6.47	0.00	0.14
	Apr	0.11	0.24	6.00	6.20	6.25	0.00	0.10

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, EU-27+UK, Japan, Mexico, and Southeast Asia (includes Indonesia, Malaysia, Philippines, Vietnam, and Thailand). Totals may not add due to rounding.

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

2018/19		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		14.40	233.87	62.80	229.86	67.74	13.47
World Less China		14.40	166.55	62.78	163.46	66.80	13.47
United States		0.50	44.28	0.62	32.85	12.19	0.37
Total Foreign		13.90	189.59	62.18	197.01	55.55	13.11
Major Exporters 3/		7.26	71.89	0.10	26.15	47.11	5.98
Argentina		2.74	31.25	0.03	3.13	28.83	2.06
Brazil		4.30	32.96	0.02	17.65	16.09	3.54
India		0.22	7.68	0.05	5.38	2.19	0.38
Major Importers 4/		1.86	22.02	38.90	60.21	0.58	1.99
EU-27+UK		0.33	12.32	18.76	30.34	0.37	0.69
Mexico		0.17	4.86	1.89	6.65	0.01	0.26
Southeast Asia 5/		1.27	2.98	16.66	19.70	0.20	1.01
2019/20 Est.							
World 2/		13.47	244.57	61.40	240.95	67.26	11.23
World Less China		13.47	172.10	61.35	169.45	66.25	11.23
United States		0.37	46.36	0.58	34.22	12.77	0.31
Total Foreign		13.11	198.21	60.82	206.73	54.49	10.92
Major Exporters 3/		5.98	72.24	0.03	27.37	45.85	5.04
Argentina		2.06	29.87	0.00	3.20	27.46	1.27
Brazil		3.54	35.65	0.01	18.50	17.50	3.20
India		0.38	6.72	0.02	5.67	0.89	0.57
Major Importers 4/		1.99	23.04	38.65	61.73	0.58	1.36
EU-27+UK		0.69	12.92	17.62	30.79	0.36	0.07
Mexico		0.26	4.75	1.82	6.73	0.01	0.10
Southeast Asia 5/		1.01	3.51	17.36	20.62	0.21	1.05
2020/21 Proj.							
World 2/	Mar	11.64	254.15	62.82	251.30	67.26	10.05
	Apr	11.23	253.32	62.62	249.08	67.48	10.61
World Less China	Mar	11.64	176.53	62.81	174.67	66.26	10.05
	Apr	11.23	177.29	62.56	173.99	66.48	10.61
United States	Mar	0.31	47.14	0.54	34.75	12.93	0.32
	Apr	0.31	46.96	0.54	34.56	12.93	0.32
Total Foreign	Mar	11.33	207.01	62.28	216.56	54.33	9.73
	Apr	10.92	206.37	62.08	214.52	54.55	10.29
Major Exporters 3/	Mar	5.13	74.72	0.06	28.84	46.07	5.00
	Apr	5.04	75.22	0.06	28.89	46.17	5.26
Argentina	Mar	1.27	31.00	0.00	3.25	27.40	1.62
	Apr	1.27	31.22	0.00	3.30	27.50	1.69
Brazil	Mar	3.20	36.04	0.02	19.50	16.80	2.96
	Apr	3.20	36.24	0.02	19.50	16.80	3.16
India	Mar	0.66	7.68	0.04	6.09	1.87	0.42
	Apr	0.57	7.76	0.04	6.09	1.87	0.41
Major Importers 4/	Mar	1.47	23.96	38.98	62.42	0.58	1.41
	Apr	1.36	23.98	39.10	62.44	0.58	1.42
EU-27+UK	Mar	0.12	13.31	18.05	31.04	0.35	0.09
	Apr	0.07	13.43	18.05	31.07	0.35	0.13
Mexico	Mar	0.10	5.06	1.93	6.98	0.01	0.10
	Apr	0.10	4.90	1.88	6.75	0.01	0.12
Southeast Asia 5/	Mar	1.03	3.69	17.30	20.79	0.22	1.01
	Apr	1.05	3.75	17.32	20.91	0.22	0.99

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/ EU-27+UK, Southeast Asia, and Japan. 5/ Indonesia, Malaysia, Philippines, Vietnam, and Thailand. Totals may not add due to rounding.

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

2018/19		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		3.93	55.98	10.75	55.11	11.24	4.31
World Less China		3.37	40.75	9.96	39.23	11.05	3.80
United States		0.91	10.98	0.18	10.38	0.88	0.81
Total Foreign		3.03	45.01	10.57	44.74	10.36	3.50
Major Exporters 3/		0.82	19.90	0.45	12.30	7.79	1.08
Argentina		0.27	8.04	0.00	2.62	5.27	0.43
Brazil		0.37	8.18	0.02	7.17	1.09	0.32
EU-27+UK		0.15	2.96	0.42	2.46	0.79	0.29
Major Importers 4/		1.03	18.06	6.64	24.18	0.30	1.24
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	0.77	1.84	2.38	0.10	0.32
2019/20 Est.							
World 2/		4.31	58.32	11.34	57.20	12.13	4.64
World Less China		3.80	41.93	10.34	40.11	11.97	3.99
United States		0.81	11.30	0.15	10.12	1.29	0.84
Total Foreign		3.50	47.02	11.19	47.08	10.84	3.80
Major Exporters 3/		1.08	20.28	0.56	12.53	7.96	1.42
Argentina		0.43	7.68	0.00	2.18	5.40	0.52
Brazil		0.32	8.85	0.07	7.77	1.16	0.32
EU-27+UK		0.29	3.11	0.49	2.54	0.77	0.57
Major Importers 4/		1.24	19.46	7.07	25.98	0.47	1.32
China		0.50	16.40	1.00	17.09	0.16	0.65
India		0.14	1.51	3.61	5.10	0.02	0.15
North Africa 5/		0.32	1.08	1.79	2.54	0.29	0.36
2020/21 Proj.							
World 2/	Mar	4.56	60.60	11.71	59.93	12.40	4.53
	Apr	4.64	60.60	11.83	59.99	12.57	4.51
World Less China	Mar	3.91	43.04	10.61	41.42	12.25	3.88
	Apr	3.99	43.22	10.73	41.66	12.42	3.86
United States	Mar	0.84	11.63	0.16	10.66	1.18	0.79
	Apr	0.84	11.57	0.16	10.66	1.13	0.78
Total Foreign	Mar	3.72	48.97	11.55	49.27	11.23	3.75
	Apr	3.80	49.03	11.67	49.33	11.44	3.73
Major Exporters 3/	Mar	1.43	20.74	0.63	12.59	8.62	1.60
	Apr	1.42	20.87	0.63	12.70	8.77	1.46
Argentina	Mar	0.52	7.90	0.00	1.95	6.00	0.48
	Apr	0.52	7.95	0.00	1.90	6.15	0.43
Brazil	Mar	0.33	8.95	0.21	7.95	1.15	0.39
	Apr	0.32	9.00	0.21	8.01	1.15	0.37
EU-27+UK	Mar	0.57	3.20	0.42	2.64	0.83	0.72
	Apr	0.57	3.23	0.42	2.74	0.83	0.65
Major Importers 4/	Mar	1.30	20.93	7.32	27.94	0.37	1.25
	Apr	1.32	20.78	7.33	27.74	0.37	1.32
China	Mar	0.65	17.56	1.10	18.51	0.15	0.65
	Apr	0.65	17.38	1.10	18.33	0.15	0.65
India	Mar	0.15	1.73	3.80	5.47	0.02	0.20
	Apr	0.15	1.73	3.80	5.47	0.02	0.20
North Africa 5/	Mar	0.35	1.08	1.67	2.63	0.21	0.26
	Apr	0.36	1.13	1.68	2.63	0.21	0.33

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 EU-27+UK. 4/ China, India, and North Africa. 5/ Algeria, Egypt, Morocco, and Tunisia. Totals may not add due to rounding.

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U.S. Quarterly Animal Product Production 1/

Year and Quarter		Beef	Pork	Red Meat 2/	Broiler	Turkey	Total Poultry 3/	Red Meat & Poultry	Egg	Milk	
		<i>Million Pounds</i>								<i>Mil doz</i>	<i>Bil lbs</i>
2019	Annual	27,155	27,638	55,015	43,905	5,818	50,251	105,266	9,442	218.4	
2020	I	6,929	7,426	14,407	11,238	1,469	12,842	27,248	2,348	56.2	
	II	6,054	6,311	12,417	10,940	1,369	12,446	24,863	2,254	56.1	
	III	7,110	7,049	14,208	11,358	1,454	12,958	27,166	2,311	55.4	
	IV	7,059	7,514	14,622	11,047	1,451	12,630	27,252	2,371	55.6	
	Annual										
	Mar Est.	27,152	28,300	55,654	44,583	5,743	50,876	106,530	9,283	223.2	
	Apr Est.	27,152	28,300	55,654	44,583	5,743	50,876	106,530	9,283	223.2	
2021	I	6,900	7,295	14,243	10,900	1,375	12,403	26,646	2,300	56.8	
	II*	6,910	6,675	13,635	11,180	1,400	12,715	26,350	2,315	58.1	
	III*	6,990	6,980	14,020	11,445	1,430	13,020	27,040	2,345	56.6	
	IV*	6,840	7,325	14,217	11,255	1,450	12,835	27,052	2,395	56.2	
	Annual										
	Mar Proj.	27,580	28,680	56,461	44,780	5,690	51,010	107,471	9,380	227.3	
	Apr Proj.	27,640	28,275	56,115	44,780	5,655	50,973	107,088	9,355	227.7	

* 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	Annual	116.78	47.95	88.6	89.2	94.0	18.63
2020	I	118.32	42.52	83.5	97.4	133.1	18.83
	II	105.79	38.96	67.0	103.7	119.6	15.37
	III	101.74	40.50	66.7	111.3	89.0	19.07
	IV	108.18	50.75	75.7	113.6	107.2	20.00
	Annual						
	Mar Est.	108.51	43.18	73.2	106.5	112.2	18.32
	Apr Est.	108.51	43.18	73.2	106.5	112.2	18.32
2021	I	112.98	55.71	84.0	110.1	127.8	17.35
	II*	117.00	77.00	92.0	112.0	92.0	18.10
	III*	115.00	71.00	82.0	113.0	102.0	18.60
	IV*	120.00	59.00	81.0	112.0	123.0	19.50
	Annual						
	Mar Proj.	115.0	56.0	85.0	111.5	114.5	17.75
	Apr Proj.	116.0	65.5	84.5	112.0	111.0	18.40

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

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U.S. Meats Supply and Use

		Beginning Production		Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita	
		stocks	1/							2/ 3/
<i>Million Pounds /4</i>										
Beef	2019	662	27,224	3,058	30,944	3,026	642	27,276	58.1	
	2020 Est.	Mar	642	27,221	3,343	31,206	2,956	716	27,534	58.4
		Apr	642	27,221	3,343	31,206	2,956	716	27,534	58.4
	2021 Proj.	Mar	716	27,649	2,935	31,300	3,145	650	27,505	58.0
		Apr	716	27,709	2,900	31,325	3,145	650	27,530	58.1
Pork	2019	559	27,652	945	29,156	6,321	646	22,188	52.4	
	2020 Est.	Mar	646	28,314	904	29,865	7,282	467	22,115	52.0
		Apr	646	28,314	904	29,865	7,282	467	22,115	52.0
	2021 Proj.	Mar	467	28,694	945	30,107	7,175	475	22,457	52.5
		Apr	467	28,289	965	29,722	7,250	445	22,027	51.5
Total Red Meat 5/	2019	1,266	55,108	4,275	60,649	9,353	1,330	49,966	111.9	
	2020 Est.	Mar	1,330	55,747	4,548	61,625	10,257	1,217	50,151	111.7
		Apr	1,330	55,747	4,548	61,625	10,241	1,217	50,167	111.7
	2021 Proj.	Mar	1,217	56,554	4,162	61,934	10,328	1,158	50,448	111.8
		Apr	1,217	56,208	4,141	61,566	10,400	1,128	50,038	110.9
Broiler	2019	845	43,435	131	44,411	7,103	937	36,371	95.1	
	2020 Est.	Mar	937	44,106	145	45,188	7,371	830	36,987	96.2
		Apr	937	44,106	145	45,188	7,371	830	36,987	96.2
	2021 Proj.	Mar	830	44,301	132	45,263	7,305	850	37,108	96.1
		Apr	830	44,301	128	45,259	7,305	780	37,174	96.2
Turkey	2019	303	5,818	12	6,133	639	233	5,261	16.0	
	2020 Est.	Mar	233	5,743	21	5,997	572	223	5,202	15.8
		Apr	233	5,743	21	5,997	572	223	5,202	15.8
	2021 Proj.	Mar	223	5,690	21	5,934	570	230	5,134	15.5
		Apr	223	5,655	20	5,898	575	230	5,093	15.3
Total Poultry 6/	2019	1,153	49,781	146	51,080	7,824	1,175	42,081	112.5	
	2020 Est.	Mar	1,175	50,398	167	51,740	8,018	1,057	42,665	113.4
		Apr	1,175	50,398	167	51,740	8,018	1,057	42,665	113.4
	2021 Proj.	Mar	1,057	50,530	156	51,743	7,940	1,085	42,718	113.0
		Apr	1,057	50,493	151	51,701	7,944	1,015	42,742	113.0
Red Meat & Poultry	2019	2,419	104,889	4,421	111,728	17,177	2,504	92,047	224.4	
	2020 Est.	Mar	2,504	106,145	4,716	113,365	18,275	2,274	92,816	225.1
		Apr	2,504	106,145	4,716	113,365	18,259	2,274	92,832	225.2
	2021 Proj.	Mar	2,274	107,084	4,318	113,677	18,268	2,243	93,166	224.8
		Apr	2,274	106,701	4,292	113,267	18,344	2,143	92,780	223.9

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

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U.S. Egg Supply and Use

	2018	2019	2020 Est.	2020 Est.	2021 Proj.	2021 Proj.
			Mar	Apr	Mar	Apr
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	23.4	22.7	31.6	31.6	24.5	24.5
Production	9,205.2	9,441.8	9,283.4	9,283.4	9,380.0	9,355.0
Imports	17.8	14.6	15.4	15.4	16.0	16.0
Total Supply	9,246.4	9,479.1	9,330.4	9,330.4	9,420.5	9,395.5
Use						
Exports	333.2	333.9	344.0	344.0	345.0	360.0
Hatching Use	1,057.5	1,081.2	1,077.6	1,077.6	1,080.0	1,098.0
Ending Stocks	22.7	31.6	24.5	24.5	26.0	22.0
Disappearance						
Total	7,833.0	8,032.5	7,884.3	7,884.3	7,969.5	7,915.5
Per Capita (number)	287.5	293.4	286.6	286.6	288.2	286.3

U.S. Milk Supply and Use

	2018	2019	2020 Est.	2020 Est.	2021 Proj.	2021 Proj.
			Mar	Apr	Mar	Apr
Milk	<i>Billion Pounds</i>					
Production						
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	15.6	15.6
Marketings	216.6	217.4	222.2	222.2	226.3	226.7
Imports	6.3	6.9	6.8	6.8	6.5	6.0
Total Cml. Supply	236.2	238.1	242.6	242.6	248.4	248.3
Fat Basis Use						
Commercial Exports	10.4	9.1	9.3	9.3	10.4	10.7
Ending Commercial Stocks	13.8	13.6	15.6	15.6	15.5	15.1
CCC Donations	0.0	0.2	0.3	0.3	0.0	0.0
Domestic Commercial Use	212.1	215.2	217.4	217.4	222.5	222.5
Skim-solid Basis Supply						
Beg. Commercial Stocks	11.8	10.7	10.2	10.2	10.8	10.8
Marketings	216.6	217.4	222.2	222.2	226.3	226.7
Imports	5.5	5.8	5.6	5.6	5.5	5.3
Total Cml. Supply	233.8	233.9	238.0	238.0	242.7	242.9
Skim-solid Basis Use						
Commercial Exports	44.6	41.5	47.2	47.2	48.7	49.8
Ending Commercial Stocks	10.7	10.2	10.8	10.8	10.5	10.6
CCC Donations	0.0	0.2	0.1	0.1	0.0	0.0
Domestic Commercial Use	178.5	182.0	179.8	179.8	183.5	182.5

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

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U.S. Dairy Prices

	2018	2019	2020 Est. Mar	2020 Est. Apr	2021 Proj. Mar	2021 Proj. Apr
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.5377	1.7586	1.9236	1.9236	1.695	1.710
Butter	2.2572	2.2431	1.5808	1.5808	1.615	1.730
Nonfat Dry Milk	0.7945	1.0419	1.0417	1.0417	1.140	1.160
Dry Whey	0.3422	0.3799	0.3621	0.3621	0.500	0.525
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	14.61	16.96	18.16	18.16	16.75	17.10
Class IV	14.23	16.30	13.49	13.49	14.45	15.15
All Milk 3/	16.27	18.63	18.32	18.32	17.75	18.40

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

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Reliability of April Projections 1/

Note: Tables on pages 35-37 present a record of the April 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 0.5 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 0.8 percent. The average difference between the April projection and the final estimate is 2 million tons, ranging from 0.1 million to 6.8 million tons. The April projection has been below the estimate 26 times and above 13 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average			Years	
<i>Percent</i>			<i>Million Metric Tons</i>			Below Final	Above Final
WHEAT							
Production							
World	0.5	0.8	2.0	0.1	6.8	26	13
U.S.	0.2	0.3	0.1	0.0	0.3	17	11
Foreign	0.6	0.9	2.0	0.2	6.8	26	13
Exports							
World	3.9	6.7	4.2	0.4	14.3	30	9
U.S.	2.5	4.3	0.6	0.0	2.1	16	22
Foreign	5.1	8.6	4.2	0.1	13.3	30	9
Domestic Use							
World	0.8	1.3	3.5	0.1	9.4	17	22
U.S.	3.2	5.4	0.8	0.0	2.2	15	24
Foreign	0.7	1.3	3.3	0.0	9.6	17	21
Ending Stocks							
World	3.2	5.4	4.0	0.0	14.5	28	10
U.S.	8.2	13.9	0.9	0.0	4.1	26	13
Foreign	3.5	5.9	3.5	0.0	12.6	29	9
COARSE GRAINS 2/							
Production							
World	1.1	1.8	9.1	0.3	42.1	32	7
U.S.	0.2	0.3	0.1	0.0	1.8	17	8
Foreign	1.5	2.6	9.2	0.3	42.1	32	7
Exports							
World	4.7	8.0	4.9	0.1	21.8	28	11
U.S.	6.7	11.4	2.8	0.0	7.2	22	17
Foreign	7.4	12.6	4.7	0.3	21.2	30	9
Domestic Use							
World	0.9	1.5	6.4	0.0	20.3	18	21
U.S.	2.3	4.0	3.2	0.1	16.8	14	25
Foreign	1.0	1.7	6.1	0.2	22.7	24	15
Ending Stocks							
World	9.7	16.5	12.6	0.2	144.9	33	6
U.S.	11.1	18.9	3.6	0.0	12.1	19	20
Foreign	12.3	20.8	10.9	0.5	144.9	33	6
RICE, milled							
Production							
World	1.3	2.2	3.3	0.0	13.3	31	8
U.S.	1.3	2.3	0.0	0.0	0.2	11	5
Foreign	1.3	2.2	3.3	0.0	13.3	31	8
Exports							
World	7.9	13.4	1.5	0.1	4.5	30	9
U.S.	6.4	10.8	0.1	0.0	0.5	17	19
Foreign	8.8	14.9	1.4	0.0	4.4	30	9
Domestic Use							
World	1.1	1.8	3.0	0.1	13.7	28	11
U.S.	7.1	12.0	0.2	0.0	0.5	15	23
Foreign	1.1	1.8	2.9	0.2	13.4	28	11
Ending Stocks							
World	8.2	13.8	4.3	0.1	26.1	27	12
U.S.	18.7	31.8	0.2	0.0	0.4	22	17
Foreign	8.5	14.4	4.3	0.1	26.1	26	13

1/ Footnotes at end of table.

CONTINUED

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Reliability of April 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	1.6	2.8	2.5	0.2	7.9	22	17
U.S.	1.4	2.3	0.6	0.0	3.2	16	16
Foreign	2.7	4.6	2.3	0.0	8.1	24	15
Exports							
World	5.1	8.7	2.8	0.1	13.2	25	14
U.S.	5.6	9.6	1.4	0.0	6.3	27	12
Foreign	11.6	19.6	2.5	0.2	15.9	22	17
Domestic Use							
World	1.8	3.0	2.6	0.0	10.3	21	18
U.S.	2.2	3.8	0.8	0.1	2.4	26	13
Foreign	2.2	3.7	2.3	0.0	10.4	19	20
Ending Stocks							
World	11.3	19.2	3.3	0.3	12.0	22	17
U.S.	34.6	58.7	1.7	0.1	6.8	14	25
Foreign	12.5	21.2	3.0	0.0	12.8	25	14
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	1.6	2.7	1.1	0.0	5.2	29	9
U.S.	0.3	0.5	0.0	0.0	0.2	17	14
Foreign	1.9	3.2	1.1	0.0	5.1	28	10
Exports							
World	4.1	7.0	1.0	0.1	4.2	25	14
U.S.	4.7	7.9	0.4	0.0	1.4	17	19
Foreign	5.2	8.8	0.8	0.1	3.9	24	15
Domestic Use							
World	2.1	3.5	1.5	0.0	8.5	22	17
U.S.	6.4	10.9	0.2	0.0	0.8	18	17
Foreign	2.1	3.5	1.5	0.2	7.8	22	17
Ending Stocks							
World	7.0	11.8	2.9	0.0	8.3	26	13
U.S.	13.8	23.4	0.4	0.0	1.6	16	23
Foreign	7.5	12.7	2.8	0.1	8.0	24	15

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

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Reliability of United States April Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
CORN	<i>Percent</i>		<i>Million Bushels</i>				
Production	0.2	0.3	4	0	72	1	3
Exports	6.8	11.5	100	13	248	19	20
Domestic Use	2.2	3.7	112	5	474	15	24
Ending Stocks	12.7	21.6	145	3	470	19	20
SORGHUM							
Production	0.1	0.2	0	0	4	0	2
Exports	11.9	20.1	20	0	72	27	11
Domestic Use	9.7	16.4	22	0	158	15	22
Ending Stocks	38.2	64.8	21	0	148	17	21
BARLEY							
Production	0.8	1.3	1	0	11	18	4
Exports	14.0	23.7	3	0	13	10	23
Domestic Use	5.0	8.5	10	0	64	17	19
Ending Stocks	11.6	19.6	12	0	52	25	13
OATS							
Production	0.3	0.6	0	0	2	4	4
Exports	32.9	55.8	0	0	3	6	6
Domestic Use	4.0	6.8	8	0	26	12	25
Ending Stocks	14.3	24.3	9	1	30	25	14
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	2.7	4.6	835	35	2,667	30	9
Exports	8.0	13.6	547	25	2,326	31	8
Domestic Use	2.2	3.7	491	100	2,066	27	12
Ending Stocks	34.7	59.0	70	0	253	15	22
SOYBEAN OIL			<i>Million Pounds</i>				
Production	2.6	4.5	398	15	1,058	30	9
Exports	15.5	26.3	222	0	650	26	12
Domestic Use	1.9	3.3	246	0	576	23	15
Ending Stocks	17.2	29.1	235	5	753	25	14
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	2.3	4.0	483	19	1,388	24	15
Pork	2.1	3.6	307	10	983	24	15
Broilers	1.3	2.3	301	6	895	26	13
Turkeys	2.5	4.3	101	3	398	19	20
			<i>Million Dozen</i>				
Eggs	1.6	2.8	92	10	433	27	12
			<i>Billion Pounds</i>				
Milk	1.1	1.9	1.4	0.0	5.2	19	19

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 2019/20. Calendar years 1982 through 2019 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2019.

Related USDA Reports

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

Supply and Demand Database

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

Foreign Production Assessments

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

Metric Conversion Factors

1 Hectare = 2.4710 Acres

1 Kilogram = 2.20462 Pounds

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

NOTE TO USERS

Changes to WASDE starting May: Starting with the May 12, 2021 release (issue No. 612), the following changes will be made to the World Agricultural Supply and Demand Estimates (WASDE) report:

- U.S. Soybeans and Products Supply and Use (page 15): “Biofuel” will replace “Biodiesel” in the soybean oil section, reflecting recent [changes to the monthly biofuels data reported](#) by the U.S. Energy Information Administration. The WASDE will follow soybean oil used for biofuel as reported in the Monthly Biofuels Capacity and Feedstocks Update - [Table 2C](#) (PDF, 287 KB).
- World Soybean Meal Supply and Use (page 29): Soybean meal supply and use for China will be presented separately.
- The U.S. Rice Supply and Use table (page 14): The table will include separate categories for U.S. imports of long-grain and combined medium and short-grain rice. The addition is made due to the significant rise in U.S. imports of long-grain and medium- and short-grain rice over the past decade.
- The United Kingdom officially left the European Union on January 1, 2021; the trade bloc now has 27 member states instead of 28. Beginning with the January 2021 WASDE report, the heading for the EU-28 region will change from “European Union” to “EU-27+UK”. Starting May 2021, (when projections for the new Marketing Year are released), the UK data will be disaggregated from the regional total and presented separately in the report, where applicable.

The May WASDE template will be posted on the [WASDE report page](#) by April 30

For complete WASDE tables and previous month's report visit

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World Agricultural Supply and Demand Estimates

WASDE-611 – April 9, 2021

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