

World Agricultural Supply and Demand Estimates

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WASDE - 635

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WHEAT: The outlook for 2022/23 U.S. wheat this month is for slightly higher supplies, reduced domestic use, unchanged exports, and increased ending stocks. Supplies are raised 5 million bushels on higher imports, based on the pace of Census imports reported to date. Domestic use is lowered 25 million bushels on reduced feed and residual use, which is decreased to 55 million. The downward revision is based on the implied disappearance for the second and third quarters indicated in the NASS *Grain Stocks* report. Wheat exports remain at 775 million bushels but there are offsetting by-class changes for White and Hard Red Spring exports. Projected 2022/23 ending stocks are raised 30 million bushels to 598 million but are still 14 percent below last year. The 2022/23 season-average farm price is forecast \$0.10 per bushel lower at \$8.90, based on NASS prices reported to date and expectations for cash prices for the remainder of 2022/23.

The global wheat outlook for 2022/23 is for increased supplies, higher consumption, and reduced trade and stocks. Supplies are raised 0.7 million tons to 1,061.1 million, primarily on higher beginning stocks for Syria and increased production for Ethiopia. Global consumption is increased 2.9 million tons to 796.1 million, mainly on higher food, seed, and industrial use for India, and increased feed and residual use for China and the EU. World trade is lowered 1.2 million tons to 212.7 million on reduced exports by the EU, Argentina, and Brazil more than offsetting increases for Russia and Ukraine. China's wheat imports are raised 2.0 million tons to 12.0 million, which would be the highest imports for China since 1995/96. China's imports are raised on strong imports to date, particularly from Australia; China is now the leading 2022/23 global wheat importer. Projected 2022/23 world ending stocks are lowered 2.1 million tons to 265.1 million, the lowest since 2015/16. This month, India, the Philippines, and Ukraine are projected to have lower stocks, more than offsetting increases for Syria, the EU, and the United States.

COARSE GRAINS: This month's 2022/23 U.S. corn outlook is for reductions to imports and food, seed, and industrial (FSI) use, with unchanged ending stocks. Corn imports are lowered 10 million bushels based on observed trade to date. Feed and residual use is unchanged at 5.275 billion based on indicated disappearance during the December-February quarter. FSI is lowered 10 million bushels reflecting cuts to corn used for glucose and dextrose and starch. With supply and use falling by the same amount, ending stocks are unchanged at 1.342 billion bushels. The season-average farm price is unchanged at \$6.60 per bushel.

Global coarse grain production for 2022/23 is forecast 3.3 million tons lower to 1,436.3 million. This month's foreign coarse grain outlook is for declines in production, trade, and ending stocks relative to last month. Foreign corn production is forecast down as cuts for Argentina, the EU, Serbia, and Uruguay are partially offset by an increase for Russia. For Argentina, production is lowered as continued heat during March diminishes yield prospects for late-planted corn, despite locally beneficial precipitation during the month. EU corn production is reduced, mostly reflecting declines for Hungary, Italy, and Bulgaria that are partly offset by increases for Germany and Poland. Russia corn production is higher reflecting increases to both area and yield. Foreign barley production is higher on an increase for the EU.

Major global trade changes include lower forecast corn exports for Argentina, Mexico, Burma, and Serbia, with increases for Ukraine and Russia. Corn imports are lowered for Egypt, the United States, Thailand, and Venezuela but raised for the EU, Turkey, and Uruguay. Foreign corn ending stocks are lower mostly reflecting declines for Ukraine, the EU, Mexico, and Serbia that are partly offset by increases for Russia and Brazil. Global corn ending stocks, at 295.3 million tons, are down 1.1 million from last month.

RICE: This month's supply and demand outlook for 2022/23 U.S. rice is for smaller supplies, increased domestic and residual use, higher exports, and reduced ending stocks. Supplies are reduced as the import forecast is lowered 2.0 million cwt to 40.0 million on a lower-than-expected pace of long-grain imports. All rice imports continue to be at a record level, however. Based on the NASS March 31 *Rice Stocks* report, long-grain domestic use is raised 2.0 million cwt to 119.0 million and medium- and short-grain use is raised 2.0 million cwt to 32.0 million. The 2022/23 rice export forecast is raised 2.0 million cwt to 61.0 million (all long-grain) on large February Census exports and additional sales to Iraq in late March under a 2022/23 Memorandum of Understanding. Despite this increase, U.S. exports would still be the lowest since 1985/86. In aggregate, these supply and use revisions result in an 8.0-million-cwt reduction in ending stocks to 28.1 million, the lowest since 2003/04. The long-grain season-average farm price (SAFP) is unchanged at \$16.90 per cwt. While the all medium- and short-grain SAFP price is also unchanged at \$29.20 per cwt, the SAFP for Other States was raised \$0.10 per cwt to \$17.70.

The 2022/23 global outlook is for lower supplies, increased trade, fractionally higher use, and reduced ending stocks. Global beginning stocks are lowered 1.4 million tons to 182.0 million based almost entirely on a multi-year adjustment to use and stocks in the Philippines to better match observed current stock levels. World production is decreased 0.4 million tons to 509.4 million as reduced estimates for Indonesia, Brazil, and Iraq more than offset an increase for Bangladesh. Indonesia's 2022/23 rice production is reduced 0.6 million tons to 34.0 million on lower area and yield for its main-season rice crop that was harvested in February and March. Global trade in 2022/23 is raised 0.8 million tons to 55.7 million, with increased exports for Vietnam and Thailand, in part to account for Indonesia's intention to significantly increase rice purchases in 2023. Total ending stocks are projected 2.0 million tons lower to 171.4 million, primarily on decreases for the Philippines and China. At this level, ending stocks would be 6 percent lower than in 2021/22 and the lowest since 2017/18.

OILSEEDS: U.S. soybean supply and use forecasts for 2022/23 are unchanged relative to last month. Soybean and soybean meal prices are also unchanged. The soybean oil price is projected at 64.0 cents per pound, down 2 cents.

Global 2022/23 soybean supply and demand forecasts include lower production, crush, and exports. Global soybean production is reduced 5.5 million tons to 369.6 million. Lower crops for Argentina and Uruguay are partly offset by higher production for Brazil. Soybean production for Argentina is lowered 6.0 million tons to 27.0 million on hot and dry weather conditions through March. Uruguay production is lowered 0.9 million tons to 1.2 million on a lower harvested area and yield. Partly offsetting is higher production for Brazil which is increased 1.0 million tons to 154.0 million on higher area.

Soybean crush is lowered on reduced supplies and slow pace to date for Argentina, China, Bangladesh, Pakistan, and Egypt. Crush for Argentina is reduced 3.3 million tons to 32.0 million leading to lower product exports. Partly offsetting is higher crush and higher soybean oil and meal exports for Brazil. Soybean exports are lowered 0.4 million tons to 168.0 million mainly on lower exports for Uruguay. Imports are lowered for Bangladesh, Egypt, and Pakistan and raised for Argentina. Soybean ending stocks are raised fractionally with higher stocks for China and Brazil that are mostly offset by lower stocks for Argentina.

SUGAR: U.S. sugar supply is increased by 176,692 short tons, raw value (STRV) to 14.637 million on increased imports from last month. On March 13, 2023, USTR announced the reallocation of 247,182 STRV from countries that stated they do not plan to ship their original raw sugar TRQ allocation. USDA projects that only 46.5 percent of the reallocation, or 114,905 STRV, will enter, implying a new shortfall projection of 132,277, down from 254,632 projected last month. High-tier tariff imports are increased to 225,000 STRV on raw sugar imported during March by a refiner and by an increase in projected monthly refined imports based on the pace to date. There is a small partial offset of 10,179 STRV from combined calendar year 2022 FTA TRQs where the sugar failed to enter before December 31. Beet sugar production is down by 10,285 STRV on slightly lower recovery and a corresponding small increase in beet pile shrink. Cane sugar production is up 5,430 STRV on processor reporting in Florida and Texas. Because sugar use is unchanged, ending stocks increase by the full extent of the supply increase to 1.897 million STRV, resulting in an increase in the ending stocks-to-use ratio to 14.89 percent.

Mexico sugar production is increased by 75,000 metric tons (MT) to 5.560 million. It is projected that area harvested will be close to the 828,941 hectares (ha) projected by CONDADESUCA but remains below in yield (USDA's projection of 61.07 MT/ha against 62.37) and below in sucrose recovery (10.98 percent against 11.20). The production increase flows through to an increase in IMMEX deliveries to 331,037 MT and in ending stocks to 937,216 MT.

On March 29, the Department of Commerce indicated that the government of Mexico stated that Mexico will be able to supply U.S. sugar needs of 1.118 million MT during the remainder of the Export Limit period. USDA projects Mexico production of below 99.2

polarity sugar could be as high as 840,000 MT or about 75 percent of allocation. USDA continues to project lower deliveries to IMMEX to maintain Mexico sugar supply and use balance for 2022/23, assuming that Mexico will export up to its Export Limit. USDA projects Mexico imports for IMMEX at 25,000, unchanged from last month.

LIVESTOCK, POULTRY, AND DAIRY: For 2023, the beef production forecast is raised from last month. Higher expected placements of cattle during the first half are reflected in higher forecast beef production during the second half. Pork production is raised in the first half on recent slaughter data and revisions to 2022 pig crop data but is lowered in the second half, as the December-February pig crop and producer farrowing intentions for March-May, published in the latest *Quarterly Hogs and Pigs* report, were lower than previously expected. Broiler production is raised for the first half on recent slaughter and hatchery data. Turkey production is unchanged. Egg production is reduced slightly for the second and third quarters on recent flock and production data.

Export projections for beef are raised on recent trade data and expectations of sustained demand in a number of Asian markets. Imports are also raised on recent data and projections of increased supplies from Oceania. Pork exports and imports are both raised on recent data. Broiler and turkey exports are raised on recent data, and imports are reduced on recent discoveries of highly pathogenic avian flu outbreaks in Chile.

Cattle prices for the first quarter are lowered slightly on reported data but raised for all other quarters on continued strength in demand. Hog prices are lowered for all four quarters reflecting current price movements and continued modest demand. Broiler prices are projected higher on the strength of demand. Turkey prices are raised on current price movements. Egg prices are raised for the first quarter on reported prices but the forecast for the remaining quarters is unchanged.

The milk production forecast is higher on a larger expected cow inventory. Fat basis imports for 2023 are primarily raised on the strength of a number of dairy products during the first quarter. Imports of casein and milk protein concentrates are expected to remain firm, supporting higher skim-solids basis imports through the year. Expectations of increased competition in butter, cheese, nonfat dry milk, and whey markets are reflected in lower forecast exports on both a fat- and a skim-solids basis for 2023.

Cheese and butter prices are raised on recent prices. Nonfat dry milk prices are lowered. Whey prices are raised on recent price observations and stronger expected demand. With the changes in component prices, Class III prices are projected higher, while Class IV prices are projected lower. The all milk price is projected higher at \$20.65 per cwt.

COTTON: The 2022/23 U.S. cotton supply and demand forecasts show higher exports and lower ending stocks relative to last month, with production and domestic mill use unchanged. The export forecast is raised 200,000 bales, to 12.2 million, based on the pace of recent sales and shipments. Ending stocks are now forecast at 4.1 million bales, equivalent to 29 percent of total disappearance. The marketing year price received by upland cotton producers is projected to average 82 cents per pound, a decrease of 1 cent from last month.

In the global 2022/23 cotton balance sheet, higher production and reduced trade are contributing to higher ending stocks. World production is forecast 829,000 bales higher than in March as a 1-million-bale increase for China more than offsets a lower Brazilian crop. World 2022/23 ending stocks are projected 867,000 bales higher, with the largest increase in India, where projected stocks are 450,000 higher on lower exports. The expected volume of world trade in 2022/23 is 745,000 bales lower this month, with imports reduced for Bangladesh, China, and Turkey. On the export side, higher U.S. and Australia exports are more than offset by a 550,000-bale reduction for Brazil and a 400,000-bale reduction for India. Projected 2022/23 global consumption is 65,000 bales higher this month as a 500,000-bale increase for China more than offsets declines in Bangladesh and Turkey.

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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 2023 the WASDE report will be released on May 12, Jun 9, Jul 12, Aug 11, Sep 12, Oct 12, Nov 9, and Dec 8.

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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/	2020/21		2725.40	3543.99	488.12	2747.42	796.57
	2021/22 (Est.)		2796.37	3592.95	512.73	2804.78	788.17
	2022/23 (Proj.)	Mar	2738.39	3526.19	483.93	2763.23	762.96
		Apr	2734.73	3522.89	482.29	2764.46	758.43
Wheat	2020/21		774.41	1074.07	203.35	787.74	286.33
	2021/22 (Est.)		779.13	1065.46	202.92	793.36	272.09
	2022/23 (Proj.)	Mar	788.94	1060.39	213.93	793.19	267.20
		Apr	789.02	1061.11	212.71	796.06	265.05
Coarse Grains 5/	2020/21		1441.67	1778.96	233.60	1456.02	322.94
	2021/22 (Est.)		1503.40	1826.33	253.04	1492.26	334.08
	2022/23 (Proj.)	Mar	1439.62	1772.53	215.11	1450.09	322.44
		Apr	1436.29	1770.37	213.88	1448.36	322.01
Rice, milled	2020/21		509.32	690.96	51.17	503.65	187.31
	2021/22 (Est.)		513.85	701.16	56.77	519.16	182.00
	2022/23 (Proj.)	Mar	509.83	693.27	54.90	519.95	173.32
		Apr	509.42	691.42	55.69	520.05	171.37
United States							
Total Grains 4/	2020/21		429.86	516.87	107.23	351.24	58.40
	2021/22 (Est.)		448.60	513.38	94.85	360.68	57.85
	2022/23 (Proj.)	Mar	408.46	474.41	72.39	348.85	53.18
		Apr	408.46	474.16	72.41	348.02	53.74
Wheat	2020/21		49.75	80.46	27.05	30.41	23.00
	2021/22 (Est.)		44.80	70.40	21.78	29.61	19.01
	2022/23 (Proj.)	Mar	44.90	67.18	21.09	30.62	15.47
		Apr	44.90	67.31	21.09	29.94	16.28
Coarse Grains 5/	2020/21		372.89	427.19	77.21	315.97	34.01
	2021/22 (Est.)		397.71	434.32	70.46	326.28	37.58
	2022/23 (Proj.)	Mar	358.47	399.55	49.42	313.56	36.57
		Apr	358.47	399.23	49.38	313.28	36.56
Rice, milled	2020/21		7.22	9.22	2.97	4.86	1.39
	2021/22 (Est.)		6.08	8.67	2.61	4.80	1.26
	2022/23 (Proj.)	Mar	5.09	7.69	1.87	4.67	1.15
		Apr	5.09	7.62	1.94	4.79	0.89

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/	2020/21	2,295.53	3,027.12	380.89	2,396.18	738.17	
	2021/22 (Est.)	2,347.78	3,079.57	417.89	2,444.10	730.32	
	2022/23 (Proj.)	Mar	2,329.93	3,051.78	411.55	2,414.38	709.78
		Apr	2,326.27	3,048.73	409.88	2,416.45	704.69
Wheat	2020/21	724.66	993.61	176.30	757.33	263.33	
	2021/22 (Est.)	734.32	995.06	181.14	763.76	253.09	
	2022/23 (Proj.)	Mar	744.04	993.21	192.83	762.57	251.73
		Apr	744.11	993.80	191.62	766.12	248.77
Coarse Grains 5/	2020/21	1,068.78	1,351.77	156.39	1,140.06	288.92	
	2021/22 (Est.)	1,105.69	1,392.02	182.59	1,165.98	296.49	
	2022/23 (Proj.)	Mar	1,081.15	1,372.98	165.69	1,136.53	285.87
		Apr	1,077.82	1,371.14	164.51	1,135.07	285.45
Rice, milled	2020/21	502.10	681.74	48.20	498.79	185.92	
	2021/22 (Est.)	507.77	692.49	54.16	514.36	180.74	
	2022/23 (Proj.)	Mar	504.74	685.59	53.03	515.28	172.18
		Apr	504.33	683.79	53.76	515.25	170.48

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	2020/21	111.50	209.71	48.83	123.31	86.30	
	2021/22 (Est.)	116.01	202.31	42.86	116.29	86.23	
	2022/23 (Proj.)	Mar	115.09	201.20	39.60	110.11	91.15
		Apr	115.92	202.15	38.86	110.17	92.01
United States	2020/21	14.61	21.86	16.35	2.40	3.15	
	2021/22 (Est.)	17.52	20.68	14.62	2.55	3.75	
	2022/23 (Proj.)	Mar	14.68	18.44	12.00	2.10	4.30
		Apr	14.68	18.44	12.20	2.10	4.10
Foreign 4/	2020/21	96.89	187.85	32.48	120.91	83.15	
	2021/22 (Est.)	98.49	181.64	28.24	113.74	82.48	
	2022/23 (Proj.)	Mar	100.41	182.77	27.60	108.01	86.85
		Apr	101.24	183.71	26.66	108.07	87.91

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	2020/21		608.35	720.83	192.05	509.28	116.05
	2021/22 (Est.)		609.21	725.26	178.97	510.37	118.33
	2022/23 (Proj.)	Mar	629.89	747.59	199.88	526.26	117.31
		Apr	625.38	743.71	199.93	522.44	116.83
Oilmeals	2020/21		349.14	370.02	97.48	345.77	19.35
	2021/22 (Est.)		349.31	368.66	96.20	346.10	20.04
	2022/23 (Proj.)	Mar	359.51	377.50	96.59	355.86	17.01
		Apr	356.19	376.23	94.62	355.24	17.45
Vegetable Oils	2020/21		206.83	236.93	85.21	204.42	28.52
	2021/22 (Est.)		208.89	237.41	79.12	202.87	30.08
	2022/23 (Proj.)	Mar	217.22	246.57	88.23	212.83	29.56
		Apr	216.28	246.36	87.74	212.52	28.90
United States							
Oilseeds	2020/21		124.52	141.69	62.78	62.66	8.64
	2021/22 (Est.)		131.35	141.16	59.71	63.87	9.14
	2022/23 (Proj.)	Mar	125.96	136.39	55.76	64.75	7.47
		Apr	125.96	136.45	55.71	64.75	7.49
Oilmeals	2020/21		48.25	53.02	12.62	40.00	0.39
	2021/22 (Est.)		49.26	53.21	12.44	40.42	0.35
	2022/23 (Proj.)	Mar	50.13	54.46	12.66	41.39	0.40
		Apr	50.08	54.45	12.66	41.39	0.40
Vegetable Oils	2020/21		12.70	18.86	1.04	16.52	1.30
	2021/22 (Est.)		13.06	19.61	1.05	17.29	1.27
	2022/23 (Proj.)	Mar	13.30	20.10	0.44	18.38	1.28
		Apr	13.29	20.39	0.42	18.66	1.31
Foreign 3/							
Oilseeds	2020/21		483.83	579.14	129.27	446.63	107.41
	2021/22 (Est.)		477.86	584.10	119.27	446.50	109.19
	2022/23 (Proj.)	Mar	503.93	611.19	144.12	461.52	109.84
		Apr	499.41	607.26	144.22	457.70	109.34
Oilmeals	2020/21		300.90	317.00	84.86	305.77	18.96
	2021/22 (Est.)		300.05	315.45	83.76	305.68	19.69
	2022/23 (Proj.)	Mar	309.38	323.04	83.93	314.46	16.60
		Apr	306.11	321.78	81.96	313.85	17.05
Vegetable Oils	2020/21		194.13	218.07	84.17	187.90	27.22
	2021/22 (Est.)		195.83	217.80	78.07	185.58	28.81
	2022/23 (Proj.)	Mar	203.92	226.47	87.79	194.44	28.28
		Apr	202.99	225.97	87.32	193.86	27.59

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/

	2020/21	2021/22 Est.	2022/23 Proj. Mar	2022/23 Proj. Apr
			<i>Million Acres</i>	
Area Planted	44.5	46.7	45.7	45.7
Area Harvested	36.8	37.1	35.5	35.5
			<i>Bushels</i>	
Yield per Harvested Acre	49.7	44.3	46.5	46.5
			<i>Million Bushels</i>	
Beginning Stocks	1,028	845	698	698
Production	1,828	1,646	1,650	1,650
Imports	100	95	120	125
Supply, Total	2,956	2,587	2,468	2,473
Food	961	972	975	975
Seed	64	58	70	70
Feed and Residual	93	59	80	55
Domestic, Total	1,117	1,088	1,125	1,100
Exports	994	800	775	775
Use, Total	2,111	1,888	1,900	1,875
Ending Stocks	845	698	568	598
Avg. Farm Price (\$/bu) 2/	5.05	7.63	9.00	8.90

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
				<i>Million</i>			
				<i>Bushels</i>			
2021/22 (Est.)	Beginning Stocks	428	235	85	70	27	845
	Production	750	297	361	201	38	1,646
	Supply, Total 3/	1,182	575	449	276	105	2,587
	Domestic Use	489	220	238	75	67	1,088
	Exports	317	209	112	148	14	800
	Use, Total	806	429	350	222	81	1,888
	Ending Stocks, Total	376	146	99	54	24	698
2022/23 (Proj.)	Beginning Stocks	376	146	99	54	24	698
	Production	531	446	337	272	64	1,650
	Supply, Total 3/	912	647	441	332	142	2,473
	Domestic Use	429	276	238	66	91	1,100
	Exports	220	220	115	200	20	775
	Use, Total	649	496	353	266	111	1,875
	Ending Stocks, Total	262	151	88	66	31	598
		Apr					
		Mar					
		273	120	102	45	27	568

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

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

FEED GRAINS	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			Mar	Apr
			<i>Million Acres</i>	
Area Planted	102.3	105.8	100.4	100.4
Area Harvested	90.6	94.4	87.1	87.1
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.11	4.21	4.11	4.11
			<i>Million Metric Tons</i>	
Beginning Stocks	51.8	34.0	37.6	37.6
Production	372.6	397.5	358.2	358.2
Imports	2.2	2.3	3.2	2.9
Supply, Total	426.6	433.8	398.9	398.6
Feed and Residual	146.7	148.7	137.7	137.7
Food, Seed & Industrial	168.8	177.1	175.2	175.0
Domestic, Total	315.4	325.8	312.9	312.7
Exports	77.2	70.5	49.4	49.4
Use, Total	392.6	396.2	362.3	362.1
Ending Stocks	34.0	37.6	36.5	36.5
CORN				
			<i>Million Acres</i>	
Area Planted	90.7	93.3	88.6	88.6
Area Harvested	82.3	85.3	79.2	79.2
			<i>Bushels</i>	
Yield per Harvested Acre	171.4	176.7	173.3	173.3
			<i>Million Bushels</i>	
Beginning Stocks	1,919	1,235	1,377	1,377
Production	14,111	15,074	13,730	13,730
Imports	24	24	50	40
Supply, Total	16,055	16,333	15,157	15,147
Feed and Residual	5,607	5,721	5,275	5,275
Food, Seed & Industrial 2/	6,467	6,764	6,690	6,680
Ethanol & by-products 3/	5,028	5,326	5,250	5,250
Domestic, Total	12,074	12,484	11,965	11,955
Exports	2,747	2,471	1,850	1,850
Use, Total	14,821	14,956	13,815	13,805
Ending Stocks	1,235	1,377	1,342	1,342
Avg. Farm Price (\$/bu) 4/	4.53	6.00	6.60	6.60

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at www.ers.usda.gov/data-products/feed-grains-database.aspx. 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/

SORGHUM	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			Mar	Apr
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.9	7.3	6.3	6.3
Area Harvested (mil. acres)	5.1	6.5	4.6	4.6
Yield (bushels/acre)	73.2	69.0	41.1	41.1
Beginning Stocks	30	20	47	47
Production	373	448	188	188
Imports	0	0	0	0
Supply, Total	403	468	235	235
Feed and Residual	97	81	70	70
Food, Seed & Industrial	7	45	50	50
Total Domestic	104	127	120	120
Exports	279	294	90	90
Use, Total	383	421	210	210
Ending Stocks	20	47	25	25
Avg. Farm Price (\$/bu) 2/	5.04	5.94	6.90	6.90
BARLEY				
Area Planted (mil. acres)	2.7	2.7	2.9	2.9
Area Harvested (mil. acres)	2.2	2.0	2.4	2.4
Yield (bushels/acre)	77.2	60.3	71.7	71.7
Beginning Stocks	80	71	42	42
Production	171	120	174	174
Imports	7	15	16	19
Supply, Total	258	206	232	235
Feed and Residual	26	20	35	40
Food, Seed & Industrial	147	137	130	130
Total Domestic	172	157	165	170
Exports	14	7	5	3
Use, Total	186	164	170	173
Ending Stocks	71	42	62	62
Avg. Farm Price (\$/bu) 2/	4.75	5.31	7.30	7.35
OATS				
Area Planted (mil. acres)	3.0	2.6	2.6	2.6
Area Harvested (mil. acres)	1.0	0.7	0.9	0.9
Yield (bushels/acre)	65.1	61.3	64.8	64.8
Beginning Stocks	37	38	33	33
Production	66	40	58	58
Imports	85	81	90	85
Supply, Total	188	159	180	175
Feed and Residual	68	44	65	60
Food, Seed & Industrial	78	79	81	81
Total Domestic	147	124	146	141
Exports	3	3	2	2
Use, Total	150	126	148	143
Ending Stocks	38	33	32	32
Avg. Farm Price (\$/bu) 2/	2.77	4.55	4.75	4.65

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	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.	
			Mar	Apr	
		<i>Million Acres</i>			
Area Planted	3.04	2.53	2.22	2.22	
Area Harvested	2.99	2.49	2.17	2.17	
		<i>Pounds</i>			
Yield per Harvested Acre	7,619	7,709	7,383	7,383	
		<i>Million Hundredweight</i>			
Beginning Stocks 2/	28.7	43.7	39.7	39.7	
Production	227.5	191.6	160.4	160.4	
Imports	34.1	37.8	42.0	40.0	
Supply, Total	290.2	273.0	242.1	240.1	
Domestic & Residual 3/	153.1	151.1	147.0	151.0	
Exports, Total 4/	93.5	82.2	59.0	61.0	
Rough	34.6	28.3	16.0	16.0	
Milled (rough equiv.)	58.9	53.9	43.0	45.0	
Use, Total	246.6	233.3	206.0	212.0	
Ending Stocks	43.7	39.7	36.1	28.1	
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00	
Avg. Farm Price (\$/cwt) 6/	14.40	16.10	19.40	19.40	
LONG-GRAIN RICE					
Harvested Acres (mil.)	2.30	1.94	1.77	1.77	
Yield (pounds/acre)	7,422	7,471	7,224	7,224	
Beginning Stocks	16.9	29.7	24.6	24.6	
Imports	27.4	30.7	33.0	31.0	
Production	170.8	144.6	128.2	128.2	
Supply, Total 7/	215.1	205.0	185.8	183.8	
Domestic & Residual 3/	120.3	119.7	117.0	119.0	
Exports 8/	65.0	60.6	45.0	47.0	
Use, Total	185.3	180.3	162.0	166.0	
Ending Stocks	29.7	24.6	23.8	17.8	
Avg. Farm Price (\$/cwt) 6/	12.60	13.60	16.90	16.90	
MEDIUM & SHORT-GRAIN RICE					
Harvested Acres (mil.)	0.69	0.55	0.40	0.40	
Yield (pounds/acre)	8,282	8,549	8,094	8,094	
Beginning Stocks	10.7	11.5	13.0	13.0	
Imports	6.7	7.1	9.0	9.0	
Production	56.7	47.0	32.2	32.2	
Supply, Total 7/	72.7	66.0	54.3	54.3	
Domestic & Residual 3/	32.8	31.4	30.0	32.0	
Exports 8/	28.5	21.5	14.0	14.0	
Use, Total	61.2	53.0	44.0	46.0	
Ending Stocks	11.5	13.0	10.3	8.3	
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	20.10	26.40	29.20	29.20	
California 10/	22.60	31.90	36.00	36.00	
Other States 1/	13.00	13.90	17.60	17.70	

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

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

SOYBEANS	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			Mar	Apr
			<i>Million Acres</i>	
Area Planted	83.4	87.2	87.5	87.5
Area Harvested	82.6	86.3	86.3	86.3
			<i>Bushels</i>	
Yield per Harvested Acre	51.0	51.7	49.5	49.5
			<i>Million Bushels</i>	
Beginning Stocks	525	257	274	274
Production	4,216	4,465	4,276	4,276
Imports	20	16	15	15
Supply, Total	4,761	4,738	4,566	4,566
Crushings	2,141	2,204	2,220	2,220
Exports	2,266	2,158	2,015	2,015
Seed	101	102	102	102
Residual	-4	1	19	19
Use, Total	4,504	4,464	4,355	4,355
Ending Stocks	257	274	210	210
Avg. Farm Price (\$/bu) 2/	10.80	13.30	14.30	14.30
SOYBEAN OIL				
			<i>Million Pounds</i>	
Beginning Stocks	1,853	2,131	1,991	1,991
Production 4/	25,023	26,155	26,195	26,195
Imports	302	303	300	300
Supply, Total	27,177	28,590	28,486	28,486
Domestic Disappearance	23,314	24,825	26,050	26,050
Biofuel 3/	8,920	10,348	11,600	11,600
Food, Feed & other Industrial	14,394	14,477	14,450	14,450
Exports	1,731	1,773	500	500
Use, Total	25,046	26,599	26,550	26,550
Ending stocks	2,131	1,991	1,936	1,936
Avg. Price (c/lb) 2/	56.87	72.98	66.00	64.00
SOYBEAN MEAL				
			<i>Thousand Short Tons</i>	
Beginning Stocks	341	341	311	311
Production 4/	50,565	51,814	52,539	52,489
Imports	784	649	600	650
Supply, Total	51,691	52,804	53,450	53,450
Domestic Disappearance	37,674	38,970	39,400	39,400
Exports	13,675	13,524	13,700	13,700
Use, Total	51,350	52,493	53,100	53,100
Ending Stocks	341	311	350	350
Avg. Price (\$/s.t.) 2/	392.31	439.81	465.00	465.00

Note: Totals may not add due to rounding. Reliability calculations at end of report. 1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and soybean meal. 2/ Prices: soybeans, marketing year weighted average price received by farmers; oil, simple average of crude soybean oil, Decatur; meal, simple average of 48 percent protein, Decatur. 3/ Reflects soybean oil used for biofuels as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 2,207 million bushels for 2021/22 and 2,220 million bushels for 2022/23.

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U.S. Sugar Supply and Use 1/

	2020/21	2021/22 Est.	2022/23 Proj. Mar	2022/23 Proj. Apr
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,618	1,705	1,820	1,820
Production 2/	9,233	9,157	9,310	9,306
Beet Sugar	5,092	5,155	5,160	5,150
Cane Sugar	4,141	4,002	4,150	4,156
Florida	2,090	1,934	2,040	2,044
Louisiana	1,918	1,944	2,034	2,034
Texas	134	124	76	78
Imports	3,221	3,646	3,330	3,511
TRQ 3/	1,749	1,579	1,618	1,730
Other Program 4/	292	298	250	250
Non-program	1,180	1,769	1,462	1,531
Mexico	968	1,379	1,306	1,306
High-tier tariff/other	212	390	156	225
Total Supply	14,072	14,508	14,460	14,637
Exports	49	29	35	35
Deliveries	12,277	12,578	12,705	12,705
Food	12,161	12,470	12,600	12,600
Other 5/	116	107	105	105
Miscellaneous	40	81	0	0
Total Use	12,367	12,688	12,740	12,740
Ending Stocks	1,705	1,820	1,720	1,897
Stocks to Use Ratio	13.8	14.3	13.5	14.9

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2021/22 and 2022/23 are based on Crop Production and/or processor projections/industry data and/or sugar ICEC analysis where appropriate. 3/ For 2021/22, WTO raw sugar TRQ shortfall (151) and for 2022/23 (132). 4/ Composed of sugar under the re-export and polyhydric alcohol programs. 5/ 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: 2020/21 -- 298; estimated 2021/22 -- 303; projected 2022/23 -- 315

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	2021/22 Est.	Mar	1,053	6,185	31	4,629	1,676	964
		Apr	1,053	6,185	31	4,629	1,676	964
2022/23 Proj.		Mar	964	5,485	35	4,438	1,121	925
		Apr	964	5,560	35	4,499	1,123	937

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2020/21 = 1,320; Estimated 2020/21 = 1,291; Projected 2022/23 = 1,291; Estimated Oct.- Feb. 2023 = 559; Estimated Oct. - Feb. 2022 = 516. 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: 2021/22 (532 est =508 dom.+24 import); 2022/23 (331 proj = 306 dom.+25 import). Statistical Adjustments: 2021/22 (-16), 2022/23 (0).

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U.S. Cotton Supply and Use 1/

	2020/21	2021/22 Est.	2022/23 Proj. Mar	2022/23 Proj. Apr
Area		<i>Million Acres</i>		
Planted	12.09	11.22	13.76	13.76
Harvested	8.22	10.27	7.44	7.44
		<i>Pounds</i>		
Yield per Harvested Acre	853	819	947	947
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	7.25	3.15	3.75	3.75
Production	14.61	17.52	14.68	14.68
Imports	0.00	0.01	0.01	0.01
Supply, Total	21.86	20.68	18.44	18.44
Domestic Use	2.40	2.55	2.10	2.10
Exports, Total	16.35	14.62	12.00	12.20
Use, Total	18.75	17.17	14.10	14.30
Unaccounted 2/	-0.04	-0.24	0.04	0.04
Ending Stocks	3.15	3.75	4.30	4.10
Avg. Farm Price 3/	66.3	91.4	83.0	82.0

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)

2020/21	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	299.66	774.41	194.80	163.70	787.74	203.35	286.33
World Less China	149.65	640.16	184.18	118.70	632.74	202.59	147.21
United States	27.99	49.75	2.73	2.54	30.41	27.05	23.00
Total Foreign	271.68	724.66	192.07	161.16	757.33	176.30	263.33
Major Exporters 4/	32.50	322.46	6.67	72.81	179.33	147.42	34.88
Argentina	2.46	17.64	0.01	0.05	6.25	11.53	2.32
Australia	2.70	31.92	0.20	4.50	8.03	23.77	3.02
Canada	5.50	35.44	0.55	4.16	9.10	26.43	5.95
European Union 5/	13.11	126.68	5.39	42.50	104.75	29.74	10.70
Russia	7.23	85.35	0.40	19.00	42.50	39.10	11.38
Ukraine	1.50	25.42	0.13	2.60	8.70	16.85	1.51
Major Importers 6/	192.89	200.42	123.98	63.38	328.25	12.62	176.42
Bangladesh	1.76	1.18	7.20	0.50	8.00	0.00	2.14
Brazil	1.99	6.25	6.40	0.40	11.80	0.93	1.91
China	150.02	134.25	10.62	45.00	155.00	0.76	139.12
Japan	1.10	1.00	5.49	0.65	6.25	0.30	1.04
N. Africa 7/	14.36	15.81	28.50	1.75	46.62	0.80	11.24
Nigeria	0.30	0.06	6.59	0.05	5.55	0.60	0.79
Sel. Mideast 8/	11.44	20.64	17.32	3.54	38.58	0.62	10.20
Southeast Asia 9/	5.51	0.00	25.18	8.09	25.10	1.14	4.45
Selected Other							
India	24.70	107.86	0.02	6.50	102.22	2.56	27.80
Kazakhstan	0.66	14.26	1.00	1.45	6.25	8.19	1.48
United Kingdom	2.44	9.66	3.22	5.96	13.46	0.45	1.42
2021/22 Est.							
World 3/	286.33	779.13	199.24	161.45	793.36	202.92	272.09
World Less China	147.21	642.18	189.68	126.45	645.36	202.05	135.34
United States	23.00	44.80	2.59	1.60	29.61	21.78	19.01
Total Foreign	263.33	734.32	196.65	159.86	763.76	181.14	253.09
Major Exporters 4/	34.88	327.22	5.79	78.90	186.22	142.47	39.20
Argentina	2.32	22.15	0.00	0.25	6.55	16.00	1.93
Australia	3.02	36.24	0.21	5.00	8.53	27.51	3.43
Canada	5.95	22.42	0.55	5.15	10.15	15.12	3.66
European Union 5/	10.70	138.24	4.63	45.00	108.25	32.00	13.32
Russia	11.38	75.16	0.30	19.50	42.75	33.00	11.09
Ukraine	1.51	33.01	0.10	4.00	10.00	18.84	5.77
Major Importers 6/	176.42	203.11	130.33	54.68	323.56	15.31	171.00
Bangladesh	2.14	1.09	6.34	0.55	8.25	0.00	1.31
Brazil	1.91	7.70	6.39	0.45	11.75	3.07	1.18
China	139.12	136.95	9.57	35.00	148.00	0.88	136.76
Japan	1.04	1.13	5.61	0.75	6.30	0.30	1.18
N. Africa 7/	11.24	20.43	26.61	1.87	47.02	0.41	10.86
Nigeria	0.79	0.09	6.19	0.05	5.85	0.60	0.62
Sel. Mideast 8/	10.20	16.42	22.76	3.88	38.76	0.75	9.87
Southeast Asia 9/	4.45	0.00	27.03	8.50	25.63	1.23	4.62
Selected Other							
India	27.80	109.59	0.03	7.00	109.88	8.03	19.50
Kazakhstan	1.48	11.81	2.50	1.35	6.20	8.10	1.49
United Kingdom	1.42	13.99	2.63	7.40	15.40	0.83	1.81

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

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

2022/23 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	271.45	788.94	208.41	158.50	793.19	213.93	267.20
	Apr	272.09	789.02	206.30	160.31	796.06	212.71	265.05
World Less China	Mar	134.69	651.22	198.41	128.50	649.19	213.03	127.62
	Apr	135.34	651.29	194.30	128.31	650.06	211.81	125.47
United States	Mar	19.01	44.90	3.27	2.18	30.62	21.09	15.47
	Apr	19.01	44.90	3.40	1.50	29.94	21.09	16.28
Total Foreign	Mar	252.44	744.04	205.14	156.32	762.57	192.83	251.73
	Apr	253.09	744.11	202.90	158.81	766.12	191.62	248.77
Major Exporters 4/	Mar	39.67	333.42	10.21	80.05	188.00	154.00	41.29
	Apr	39.20	332.72	11.68	81.05	188.50	153.50	41.59
Argentina	Mar	2.35	12.90	0.01	0.05	6.25	6.50	2.51
	Apr	1.93	12.55	0.01	0.05	6.45	5.50	2.53
Australia	Mar	3.43	39.00	0.20	5.00	8.50	28.50	5.63
	Apr	3.43	39.00	0.20	5.00	8.50	28.50	5.63
Canada	Mar	3.66	33.82	0.60	4.50	9.55	25.00	3.54
	Apr	3.66	33.82	0.60	4.50	9.55	25.00	3.54
European Union 5/	Mar	13.36	134.70	9.00	45.00	109.00	37.00	11.06
	Apr	13.32	134.34	10.50	47.00	111.00	35.00	12.16
Russia	Mar	11.09	92.00	0.30	21.50	45.50	43.50	14.39
	Apr	11.09	92.00	0.30	20.50	44.00	45.00	14.39
Ukraine	Mar	5.77	21.00	0.10	4.00	9.20	13.50	4.17
	Apr	5.77	21.00	0.08	4.00	9.00	14.50	3.34
Major Importers 6/	Mar	171.87	206.44	132.67	49.25	319.72	16.87	174.39
	Apr	171.00	206.03	130.77	50.50	318.96	15.87	172.97
Bangladesh	Mar	1.31	1.10	5.00	0.20	6.70	0.00	0.71
	Apr	1.31	1.10	4.80	0.20	6.50	0.00	0.71
Brazil	Mar	1.18	10.40	5.60	0.40	11.70	4.40	1.08
	Apr	1.18	10.40	5.60	0.50	11.90	3.50	1.78
China	Mar	136.76	137.72	10.00	30.00	144.00	0.90	139.58
	Apr	136.76	137.72	12.00	32.00	146.00	0.90	139.58
Japan	Mar	1.18	1.05	5.75	0.75	6.30	0.30	1.38
	Apr	1.18	1.05	5.75	0.75	6.30	0.30	1.38
N. Africa 7/	Mar	10.86	17.60	29.90	1.77	47.22	0.50	10.64
	Apr	10.86	17.63	29.90	1.77	47.22	0.50	10.67
Nigeria	Mar	0.62	0.11	6.00	0.00	5.60	0.60	0.53
	Apr	0.62	0.11	5.50	0.00	5.30	0.60	0.33
Sel. Mideast 8/	Mar	9.96	17.61	23.22	3.38	39.28	0.67	10.84
	Apr	9.87	17.17	22.32	3.38	38.82	0.67	9.87
Southeast Asia 9/	Mar	5.41	0.00	26.90	8.45	26.00	1.15	5.17
	Apr	4.62	0.00	24.40	7.90	24.30	1.15	3.58
Selected Other								
India	Mar	19.50	104.00	0.10	6.00	105.48	5.50	12.63
	Apr	19.50	104.00	0.10	6.00	107.75	5.35	10.50
Kazakhstan	Mar	1.49	16.40	2.00	2.00	7.00	10.50	2.40
	Apr	1.49	16.40	2.00	2.00	7.00	10.50	2.40
United Kingdom	Mar	1.81	15.50	1.80	7.80	15.80	1.30	2.01
	Apr	1.81	15.50	1.80	7.80	15.80	1.30	2.01

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

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

2020/21	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	337.29	1,441.67	233.79	903.79	1,456.02	233.60	322.94
World Less China	136.34	1,172.58	183.26	682.84	1,142.92	233.59	115.48
United States	51.83	372.89	2.48	146.74	315.97	77.21	34.01
Total Foreign	285.46	1,068.78	231.31	757.05	1,140.06	156.39	288.92
Major Exporters 4/	24.24	297.33	5.46	134.73	180.99	126.63	19.41
Argentina	4.57	60.01	0.02	11.29	17.02	45.52	2.06
Australia	3.01	18.56	0.00	6.21	8.08	10.50	2.98
Brazil	5.82	90.32	3.35	62.42	73.86	21.04	4.60
Canada	3.98	29.64	1.89	16.67	24.63	7.26	3.63
Russia	1.87	41.40	0.09	21.47	31.04	10.42	1.90
Ukraine	2.55	39.59	0.07	9.25	12.41	28.15	1.65
Major Importers 5/	36.25	252.53	137.73	294.50	376.97	13.24	36.30
European Union 6/	14.16	155.46	15.87	119.91	159.41	11.45	14.62
Japan	1.74	0.23	16.98	13.45	17.29	0.00	1.66
Mexico	4.14	32.66	17.15	30.34	49.84	0.51	3.60
N. Afr & Mideast 7/	7.69	32.62	38.77	63.16	71.37	0.71	7.01
Saudi Arabia	1.72	0.14	10.03	10.22	10.55	0.00	1.33
Southeast Asia 8/	3.80	31.12	22.65	43.43	51.72	0.57	5.29
South Korea	2.02	0.22	11.80	9.47	12.01	0.00	2.04
Selected Other							
China	200.96	269.08	50.53	220.95	313.11	0.01	207.46
2021/22 Est.							
World 3/	322.94	1,503.40	230.29	913.39	1,492.26	253.04	334.08
World Less China	115.48	1,222.54	188.79	685.57	1,172.23	253.04	124.30
United States	34.01	397.71	2.59	148.73	326.28	70.46	37.58
Total Foreign	288.92	1,105.69	227.70	764.67	1,165.98	182.59	296.49
Major Exporters 4/	19.41	332.81	9.77	141.56	187.84	148.61	25.54
Argentina	2.06	59.16	0.01	13.12	18.74	40.00	2.48
Australia	2.98	19.22	0.00	5.84	7.71	10.95	3.53
Brazil	4.60	120.62	3.25	63.59	75.68	48.30	4.50
Canada	3.63	25.12	6.40	17.50	25.79	5.65	3.71
Russia	1.90	38.54	0.10	22.23	31.11	7.58	1.85
Ukraine	1.65	53.51	0.02	11.95	15.08	32.93	7.17
Major Importers 5/	36.30	248.49	138.89	288.52	372.11	15.29	36.28
European Union 6/	14.62	154.77	21.35	120.45	160.33	13.72	16.69
Japan	1.66	0.24	16.52	13.09	16.83	0.00	1.59
Mexico	3.60	32.79	18.56	31.05	50.77	0.25	3.93
N. Afr & Mideast 7/	7.01	29.37	40.57	61.03	69.78	0.69	6.49
Saudi Arabia	1.33	0.15	8.28	8.02	8.35	0.00	1.41
Southeast Asia 8/	5.29	30.90	17.34	41.11	49.48	0.63	3.42
South Korea	2.04	0.19	11.63	9.26	11.79	0.00	2.07
Selected Other							
China	207.46	280.85	41.50	227.83	320.03	0.01	209.77

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

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

2022/23 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	332.91	1,439.62	213.56	891.75	1,450.09	215.11	322.44
	Apr	334.08	1,436.29	213.04	891.28	1,448.36	213.88	322.01
World Less China	Mar	123.14	1,154.12	181.41	663.40	1,130.54	215.06	114.62
	Apr	124.30	1,150.79	180.79	662.86	1,128.73	213.83	114.16
United States	Mar	37.58	358.47	3.50	137.99	313.56	49.42	36.57
	Apr	37.58	358.47	3.18	137.87	313.28	49.38	36.56
Total Foreign	Mar	295.33	1,081.15	210.06	753.77	1,136.53	165.69	285.87
	Apr	296.49	1,077.82	209.87	753.41	1,135.07	164.51	285.45
Major Exporters 4/	Mar	24.32	320.54	3.05	138.19	184.99	138.18	24.74
	Apr	25.54	319.90	3.16	139.24	186.15	138.05	24.39
Argentina	Mar	2.48	48.71	0.01	10.46	16.17	32.70	2.33
	Apr	2.48	45.71	0.01	10.46	16.17	29.70	2.33
Australia	Mar	3.53	18.67	0.00	6.12	8.00	10.78	3.43
	Apr	3.53	18.67	0.00	5.97	7.85	10.83	3.53
Brazil	Mar	4.28	129.54	1.80	65.50	77.99	50.03	7.60
	Apr	4.50	129.54	1.81	65.50	77.99	50.03	7.82
Canada	Mar	3.71	30.54	1.05	17.12	24.79	6.48	4.03
	Apr	3.71	30.54	1.15	17.12	24.89	6.43	4.08
Russia	Mar	1.85	41.77	0.10	23.57	33.02	8.77	1.94
	Apr	1.85	44.13	0.10	24.78	34.25	9.62	2.22
Ukraine	Mar	6.17	34.16	0.00	8.02	11.15	26.03	3.16
	Apr	7.17	34.16	0.00	8.02	11.13	28.05	2.16
Major Importers 5/	Mar	36.35	231.91	138.25	281.55	363.43	10.88	32.20
	Apr	36.28	229.99	137.98	280.41	362.15	10.17	31.92
European Union 6/	Mar	16.77	135.61	25.61	117.28	155.78	8.47	13.74
	Apr	16.69	133.85	26.93	117.29	155.69	8.28	13.50
Japan	Mar	1.59	0.25	16.47	12.85	16.75	0.00	1.56
	Apr	1.59	0.25	16.47	12.85	16.75	0.00	1.55
Mexico	Mar	3.93	33.49	17.97	31.34	50.96	0.60	3.83
	Apr	3.93	33.44	17.97	31.84	51.56	0.20	3.58
N. Afr & Mideast 7/	Mar	6.49	31.43	37.26	59.71	67.98	0.94	6.28
	Apr	6.49	31.47	36.07	58.60	66.75	0.83	6.46
Saudi Arabia	Mar	1.40	0.19	8.71	8.75	9.11	0.00	1.20
	Apr	1.41	0.14	8.41	8.42	8.75	0.00	1.21
Southeast Asia 8/	Mar	3.41	30.71	16.76	38.55	47.05	0.88	2.94
	Apr	3.42	30.61	16.66	38.35	46.85	0.87	2.96
South Korea	Mar	2.08	0.15	11.10	8.74	11.22	0.00	2.11
	Apr	2.07	0.16	11.10	8.74	11.22	0.00	2.11
Selected Other								
China	Mar	209.77	285.50	32.15	228.35	319.55	0.05	207.82
	Apr	209.77	285.50	32.25	228.43	319.63	0.05	207.85

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

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

2020/21	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	307.42	1,129.42	184.86	723.87	1,144.01	182.70	292.83
World Less China	106.89	868.75	155.35	520.87	859.01	182.70	87.12
United States	48.76	358.45	0.62	142.43	306.69	69.78	31.36
Total Foreign	258.66	770.98	184.24	581.45	837.33	112.93	261.47
Major Exporters 4/	13.37	200.12	2.92	91.02	113.82	93.55	9.04
Argentina	3.62	52.00	0.01	9.50	13.50	40.94	1.18
Brazil	5.33	87.00	2.85	59.50	70.00	21.02	4.15
Russia	0.83	13.87	0.04	8.90	10.00	3.99	0.75
South Africa	2.12	16.95	0.01	7.22	13.22	3.73	2.12
Ukraine	1.48	30.30	0.02	5.90	7.10	23.86	0.83
Major Importers 5/	20.79	132.43	92.89	164.27	219.53	4.79	21.78
Egypt	1.73	6.40	9.63	13.90	16.40	0.01	1.36
European Union 6/	7.38	67.44	14.49	57.20	77.70	3.74	7.88
Japan	1.39	0.01	15.48	12.00	15.45	0.00	1.42
Mexico	3.52	27.35	16.50	25.60	43.80	0.48	3.08
Southeast Asia 7/	3.79	31.07	20.69	41.65	49.70	0.57	5.28
South Korea	2.00	0.09	11.71	9.42	11.78	0.00	2.02
Selected Other							
Canada	2.56	13.56	1.58	8.59	13.98	1.56	2.17
China	200.53	260.67	29.51	203.00	285.00	0.00	205.70
2021/22 Est.							
World 3/	292.83	1,217.00	184.59	748.88	1,202.92	205.67	306.91
World Less China	87.12	944.45	162.70	539.88	911.92	205.67	97.77
United States	31.36	382.89	0.62	145.31	317.12	62.78	34.98
Total Foreign	261.47	834.11	183.97	603.57	885.81	142.90	271.93
Major Exporters 4/	9.04	238.99	2.67	96.30	119.40	116.86	14.44
Argentina	1.18	49.50	0.01	10.90	14.80	34.40	1.49
Brazil	4.15	116.00	2.60	59.50	70.50	48.28	3.97
Russia	0.75	15.23	0.05	10.00	11.10	4.00	0.93
South Africa	2.12	16.14	0.00	7.20	13.10	3.20	1.96
Ukraine	0.83	42.13	0.02	8.70	9.90	26.98	6.09
Major Importers 5/	21.78	136.59	94.37	168.12	223.67	6.88	22.18
Egypt	1.36	7.44	9.76	14.50	17.00	0.00	1.56
European Union 6/	7.88	71.37	19.78	62.30	83.10	6.00	9.93
Japan	1.42	0.01	15.01	11.70	15.05	0.00	1.39
Mexico	3.08	26.76	17.57	25.80	44.00	0.25	3.16
Southeast Asia 7/	5.28	30.85	16.16	40.10	48.25	0.63	3.41
South Korea	2.02	0.09	11.52	9.22	11.57	0.00	2.06
Selected Other							
Canada	2.17	14.61	6.14	12.17	17.98	2.19	2.75
China	205.70	272.55	21.88	209.00	291.00	0.00	209.14

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

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

2022/23 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	305.69	1,147.52	174.48	726.98	1,156.75	174.71	296.46
	Apr	306.91	1,144.50	173.97	726.94	1,156.06	173.79	295.35
World Less China	Mar	96.55	870.32	156.48	510.98	859.75	174.69	89.14
	Apr	97.77	867.30	155.97	510.94	859.06	173.77	88.03
United States	Mar	34.98	348.75	1.27	133.99	303.93	46.99	34.08
	Apr	34.98	348.75	1.02	133.99	303.67	46.99	34.08
Total Foreign	Mar	270.71	798.77	173.21	592.99	852.83	127.72	262.38
	Apr	271.93	795.75	172.95	592.95	852.39	126.80	261.27
Major Exporters 4/	Mar	13.22	222.70	1.36	91.60	115.40	108.20	13.68
	Apr	14.44	221.53	1.36	92.40	116.20	108.00	13.13
Argentina	Mar	1.49	40.00	0.01	8.00	12.00	28.00	1.49
	Apr	1.49	37.00	0.01	8.00	12.00	25.00	1.49
Brazil	Mar	3.75	125.00	1.30	61.50	73.00	50.00	7.05
	Apr	3.97	125.00	1.30	61.50	73.00	50.00	7.27
Russia	Mar	0.93	14.00	0.05	9.80	10.90	3.30	0.78
	Apr	0.93	15.83	0.05	10.60	11.70	4.10	1.01
South Africa	Mar	1.96	16.70	0.00	7.30	13.30	3.40	1.96
	Apr	1.96	16.70	0.00	7.30	13.30	3.40	1.96
Ukraine	Mar	5.09	27.00	0.00	5.00	6.20	23.50	2.39
	Apr	6.09	27.00	0.00	5.00	6.20	25.50	1.39
Major Importers 5/	Mar	22.20	120.07	95.70	160.40	215.00	3.69	19.28
	Apr	22.18	118.75	95.10	159.20	213.90	3.27	18.86
Egypt	Mar	1.56	7.44	9.00	13.70	16.20	0.01	1.79
	Apr	1.56	7.44	7.50	12.20	14.70	0.00	1.80
European Union 6/	Mar	9.94	54.20	23.50	58.50	78.10	2.20	7.34
	Apr	9.93	52.97	24.50	58.50	78.10	2.20	7.10
Japan	Mar	1.39	0.01	15.00	11.50	15.00	0.00	1.40
	Apr	1.39	0.01	15.00	11.50	15.00	0.00	1.40
Mexico	Mar	3.16	27.60	17.20	26.00	44.20	0.60	3.16
	Apr	3.16	27.60	17.20	26.50	44.80	0.20	2.96
Southeast Asia 7/	Mar	3.40	30.66	15.70	37.70	45.95	0.88	2.93
	Apr	3.41	30.56	15.60	37.50	45.75	0.87	2.95
South Korea	Mar	2.06	0.08	11.00	8.70	11.05	0.00	2.09
	Apr	2.06	0.09	11.00	8.70	11.05	0.00	2.10
Selected Other								
Canada	Mar	2.75	14.54	1.00	9.00	14.20	1.60	2.49
	Apr	2.75	14.54	1.10	9.00	14.30	1.60	2.49
China	Mar	209.14	277.20	18.00	216.00	297.00	0.02	207.32
	Apr	209.14	277.20	18.00	216.00	297.00	0.02	207.32

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

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

2020/21	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	181.64	509.32	46.46	503.65	51.17	187.31
World Less China	65.14	361.02	42.25	353.36	48.94	70.81
United States	0.91	7.22	1.08	4.86	2.97	1.39
Total Foreign	180.73	502.10	45.38	498.79	48.20	185.92
Major Exporters 4/	40.93	191.63	2.01	149.20	38.55	46.82
Burma	1.01	12.60	0.00	10.40	1.90	1.31
India	33.90	124.37	0.00	101.05	20.22	37.00
Pakistan	0.94	8.42	0.01	3.60	3.88	1.89
Thailand	3.90	18.86	0.20	12.70	6.28	3.98
Vietnam	1.18	27.38	1.80	21.45	6.27	2.64
Major Importers 5/	127.84	240.06	17.08	255.44	2.71	126.82
China	116.50	148.30	4.22	150.29	2.22	116.50
European Union 6/	0.92	1.83	1.78	3.40	0.45	0.68
Indonesia	3.31	34.50	0.65	35.40	0.00	3.06
Nigeria	1.49	5.15	2.20	7.15	0.00	1.69
Philippines	2.55	12.42	2.20	14.80	0.00	2.36
Sel. Mideast 7/	1.22	2.31	3.28	5.85	0.00	0.95
Selected Other						
Brazil	0.84	8.00	0.63	7.35	0.95	1.17
C. Amer & Carib 8/	0.68	1.59	1.62	3.28	0.04	0.57
Egypt	1.23	4.00	0.23	4.30	0.01	1.16
Japan	1.98	7.57	0.65	8.15	0.11	1.94
Mexico	0.17	0.20	0.81	0.96	0.02	0.20
South Korea	1.14	3.51	0.43	4.00	0.05	1.02

2021/22 Est.

World 3/	187.31	513.85	54.45	519.16	56.77	182.00
World Less China	70.81	364.86	48.50	362.80	54.69	69.00
United States	1.39	6.08	1.20	4.80	2.61	1.26
Total Foreign	185.92	507.77	53.25	514.36	54.16	180.74
Major Exporters 4/	46.82	197.79	1.63	158.90	43.94	43.41
Burma	1.31	12.35	0.00	10.40	2.37	0.90
India	37.00	129.47	0.00	110.45	22.03	34.00
Pakistan	1.89	9.32	0.01	3.75	4.82	2.65
Thailand	3.98	19.88	0.13	12.80	7.68	3.50
Vietnam	2.64	26.77	1.50	21.50	7.05	2.35
Major Importers 5/	126.82	242.00	22.40	263.11	2.54	125.57
China	116.50	148.99	5.95	156.36	2.08	113.00
European Union 6/	0.68	1.73	2.43	3.50	0.41	0.93
Indonesia	3.06	34.40	0.72	35.30	0.00	2.88
Nigeria	1.69	5.26	2.45	7.35	0.00	2.05
Philippines	2.36	12.54	3.60	15.40	0.00	3.10
Sel. Mideast 7/	0.95	2.15	4.29	6.15	0.00	1.24
Selected Other						
Brazil	1.17	7.34	0.93	7.15	1.39	0.90
C. Amer & Carib 8/	0.57	1.62	1.68	3.26	0.04	0.58
Egypt	1.16	2.90	0.61	4.05	0.01	0.61
Japan	1.94	7.64	0.69	8.20	0.12	1.95
Mexico	0.20	0.18	0.81	0.97	0.01	0.21
South Korea	1.02	3.88	0.44	3.95	0.05	1.33

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

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

2022/23 Proj.		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Mar	183.44	509.83	53.69	519.95	54.90	173.32
	Apr	182.00	509.42	54.31	520.05	55.69	171.37
World Less China	Mar	70.44	363.88	48.19	365.00	52.70	66.02
	Apr	69.00	363.47	49.31	365.10	53.59	64.47
United States	Mar	1.26	5.09	1.33	4.67	1.87	1.15
	Apr	1.26	5.09	1.27	4.79	1.94	0.89
Total Foreign	Mar	182.18	504.74	52.36	515.28	53.03	172.18
	Apr	180.74	504.33	53.04	515.25	53.76	170.48
Major Exporters 4/	Mar	43.36	198.30	1.26	159.65	43.70	39.57
	Apr	43.41	198.30	1.26	159.40	44.30	39.27
Burma	Mar	0.90	12.50	0.00	10.30	2.40	0.71
	Apr	0.90	12.50	0.00	10.30	2.40	0.71
India	Mar	34.00	132.00	0.00	111.00	22.50	32.50
	Apr	34.00	132.00	0.00	111.00	22.50	32.50
Pakistan	Mar	2.65	6.60	0.01	3.80	3.80	1.66
	Apr	2.65	6.60	0.01	3.80	3.80	1.66
Thailand	Mar	3.50	20.20	0.15	13.00	8.20	2.65
	Apr	3.50	20.20	0.15	12.80	8.50	2.55
Vietnam	Mar	2.31	27.00	1.10	21.55	6.80	2.06
	Apr	2.35	27.00	1.10	21.50	7.10	1.85
Major Importers 5/	Mar	127.00	238.46	21.60	263.17	2.64	121.26
	Apr	125.57	238.21	22.60	263.65	2.54	120.20
China	Mar	113.00	145.95	5.50	154.95	2.20	107.30
	Apr	113.00	145.95	5.00	154.95	2.10	106.90
European Union 6/	Mar	0.92	1.27	2.65	3.55	0.40	0.89
	Apr	0.93	1.34	2.65	3.55	0.40	0.97
Indonesia	Mar	2.86	34.60	0.75	35.25	0.00	2.96
	Apr	2.88	34.00	1.75	35.30	0.00	3.33
Nigeria	Mar	2.05	5.04	2.30	7.45	0.00	1.94
	Apr	2.05	5.04	2.30	7.45	0.00	1.94
Philippines	Mar	4.50	12.41	3.60	15.75	0.00	4.76
	Apr	3.10	12.41	3.60	15.80	0.00	3.31
Sel. Mideast 7/	Mar	1.29	2.24	4.15	6.33	0.00	1.36
	Apr	1.24	2.02	4.40	6.40	0.00	1.26
Selected Other							
Brazil	Mar	0.86	6.94	0.90	7.05	1.10	0.54
	Apr	0.90	6.80	0.90	6.90	1.10	0.60
C. Amer & Carib 8/	Mar	0.59	1.54	1.74	3.27	0.03	0.56
	Apr	0.58	1.54	1.74	3.26	0.04	0.56
Egypt	Mar	0.61	3.60	0.55	4.10	0.01	0.66
	Apr	0.61	3.60	0.45	4.00	0.01	0.66
Japan	Mar	1.98	7.45	0.69	8.20	0.12	1.79
	Apr	1.95	7.48	0.69	8.20	0.12	1.80
Mexico	Mar	0.21	0.18	0.80	0.97	0.01	0.21
	Apr	0.21	0.18	0.80	0.97	0.01	0.21
South Korea	Mar	1.33	3.76	0.42	4.00	0.06	1.46
	Apr	1.33	3.76	0.42	4.00	0.06	1.46

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

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

2020/21	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	98.21	111.50	48.68	123.31	48.83	-0.06	86.30
World Less China	61.87	81.90	35.82	82.31	48.82	-0.06	48.51
United States	7.25	14.61	3/	2.40	16.35	-0.04	3.15
Total Foreign	90.96	96.89	48.68	120.91	32.48	-0.02	83.15
Major Exporters 4/	40.16	53.81	1.60	35.05	27.92	-0.08	32.68
Central Asia 5/	3.74	5.48	0.03	4.27	2.03	0.00	2.94
Afr. Fr. Zone 6/	2.50	4.84	3/	0.10	5.49	0.00	1.74
S. Hemis. 7/	17.63	15.55	0.13	4.03	13.66	-0.09	15.71
Australia	1.20	2.80	3/	0.01	1.58	-0.10	2.51
Brazil	14.40	10.82	0.01	3.10	11.01	0.00	11.12
India	15.68	27.60	0.84	26.00	6.19	0.00	11.94
Major Importers 8/	48.28	39.87	44.66	81.78	3.10	0.06	47.87
Mexico	0.71	1.02	0.93	1.70	0.49	0.02	0.45
China	36.34	29.60	12.86	41.00	0.01	0.00	37.79
European Union 9/	0.66	1.70	0.56	0.59	1.96	0.00	0.37
Turkey	2.77	2.90	5.33	7.70	0.59	0.00	2.71
Pakistan	3.12	4.50	5.40	10.80	0.03	0.03	2.17
Indonesia	0.64	3/	2.31	2.45	0.01	0.00	0.50
Thailand	0.10	3/	0.60	0.61	0.00	0.01	0.08
Bangladesh	2.52	0.15	8.30	8.50	0.00	0.01	2.45
Vietnam	1.10	3/	7.29	7.30	0.00	0.00	1.09
2021/22 Est.							
World	86.30	116.01	42.69	116.29	42.86	-0.37	86.23
World Less China	48.51	89.21	34.85	82.54	42.74	-0.37	47.66
United States	3.15	17.52	0.01	2.55	14.62	-0.24	3.75
Total Foreign	83.15	98.49	42.69	113.74	28.24	-0.12	82.48
Major Exporters 4/	32.68	55.59	1.60	34.24	24.03	-0.18	31.78
Central Asia 5/	2.94	5.15	0.05	4.32	1.46	0.00	2.37
Afr. Fr. Zone 6/	1.74	5.98	3/	0.10	6.01	-0.01	1.61
S. Hemis. 7/	15.71	19.65	0.19	4.35	12.45	-0.18	18.94
Australia	2.51	5.85	3/	0.01	3.58	-0.19	4.96
Brazil	11.12	11.72	0.02	3.30	7.73	0.00	11.84
India	11.94	24.40	1.00	25.00	3.74	0.00	8.60
Major Importers 8/	47.87	39.65	38.69	75.23	2.93	0.06	48.00
Mexico	0.45	1.22	0.96	1.85	0.40	0.01	0.37
China	37.79	26.80	7.84	33.75	0.12	0.00	38.56
European Union 9/	0.37	1.67	0.64	0.62	1.77	0.00	0.30
Turkey	2.71	3.80	5.52	8.70	0.57	0.00	2.77
Pakistan	2.17	6.00	4.50	10.70	0.05	0.03	1.89
Indonesia	0.50	3/	2.58	2.60	0.01	0.00	0.46
Thailand	0.08	3/	0.75	0.73	0.00	0.01	0.10
Bangladesh	2.45	0.15	8.20	8.50	0.00	0.01	2.29
Vietnam	1.09	3/	6.63	6.70	0.00	0.00	1.02

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)**

2022/23 Proj.		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Mar	86.11	115.09	39.58	110.11	39.60	-0.07	91.15
	Apr	86.23	115.92	38.83	110.17	38.86	-0.07	92.01
World Less China	Mar	47.55	85.59	32.08	74.11	39.47	-0.07	51.71
	Apr	47.66	85.42	31.58	73.67	38.74	-0.07	52.32
United States	Mar	3.75	14.68	0.01	2.10	12.00	0.04	4.30
	Apr	3.75	14.68	0.01	2.10	12.20	0.04	4.10
Total Foreign	Mar	82.36	100.41	39.57	108.01	27.60	-0.11	86.85
	Apr	82.48	101.24	38.83	108.07	26.66	-0.11	87.91
Major Exporters 4/	Mar	31.68	55.70	2.31	31.23	23.46	-0.17	35.16
	Apr	31.78	55.36	2.28	31.16	22.54	-0.17	35.89
Central Asia 5/	Mar	2.37	5.20	0.05	3.92	1.42	0.00	2.28
	Apr	2.37	5.20	0.05	3.92	1.42	0.00	2.28
Afr. Fr. Zone 6/	Mar	1.61	4.79	3/	0.10	4.70	0.00	1.60
	Apr	1.61	4.79	3/	0.10	4.60	0.00	1.70
S. Hemis. 7/	Mar	18.84	20.67	0.16	4.15	14.75	-0.18	20.95
	Apr	18.94	20.32	0.16	4.15	14.33	-0.18	21.12
Australia	Mar	4.86	5.50	3/	0.01	6.10	-0.19	4.44
	Apr	4.96	5.50	3/	0.01	6.30	-0.19	4.34
Brazil	Mar	11.84	13.30	0.02	3.20	7.70	0.00	14.25
	Apr	11.84	13.00	0.02	3.20	7.15	0.00	14.50
India	Mar	8.60	24.50	1.70	22.50	2.20	0.00	10.10
	Apr	8.60	24.50	1.75	22.50	1.80	0.00	10.55
Major Importers 8/	Mar	48.00	41.43	34.94	72.70	2.86	0.07	48.75
	Apr	48.00	42.50	34.16	72.76	2.85	0.07	48.98
Mexico	Mar	0.37	1.40	0.90	1.80	0.50	0.01	0.36
	Apr	0.37	1.40	0.90	1.80	0.50	0.01	0.36
China	Mar	38.56	29.50	7.50	36.00	0.13	0.00	39.44
	Apr	38.56	30.50	7.25	36.50	0.13	0.00	39.69
European Union 9/	Mar	0.30	1.57	0.56	0.58	1.50	0.00	0.34
	Apr	0.30	1.64	0.56	0.59	1.49	0.00	0.42
Turkey	Mar	2.77	4.90	4.20	7.70	0.70	0.01	3.46
	Apr	2.77	4.90	4.00	7.50	0.70	0.01	3.46
Pakistan	Mar	1.89	3.90	4.30	8.60	0.03	0.03	1.44
	Apr	1.89	3.90	4.30	8.60	0.03	0.03	1.44
Indonesia	Mar	0.46	3/	1.80	1.90	0.01	0.00	0.36
	Apr	0.46	3/	1.75	1.85	0.01	0.00	0.36
Thailand	Mar	0.10	3/	0.70	0.70	0.00	0.01	0.09
	Apr	0.10	3/	0.73	0.73	0.00	0.01	0.09
Bangladesh	Mar	2.29	0.16	7.70	8.10	0.00	0.01	2.04
	Apr	2.29	0.15	7.40	7.90	0.00	0.01	1.94
Vietnam	Mar	1.02	3/	6.30	6.30	0.00	0.00	1.03
	Apr	1.02	3/	6.30	6.30	0.00	0.00	1.03

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)

2020/21		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		95.10	368.60	165.49	315.82	363.97	164.86	100.35
World Less China		70.49	349.00	65.75	222.82	251.23	164.79	69.21
United States		14.28	114.75	0.54	58.26	60.91	61.67	6.99
Total Foreign		80.82	253.85	164.95	257.57	303.06	103.20	93.36
Major Exporters 3/		47.84	197.34	5.92	90.08	100.76	94.95	55.39
Argentina		26.65	46.20	4.82	40.16	47.41	5.20	25.06
Brazil		20.42	139.50	1.02	46.50	49.71	81.65	29.58
Paraguay		0.57	9.64	0.02	3.33	3.43	6.33	0.48
Major Importers 4/		27.94	23.25	133.35	122.04	149.75	0.27	34.53
China		24.61	19.60	99.74	93.00	112.74	0.07	31.15
European Union		1.72	2.60	14.79	15.80	17.36	0.19	1.56
Southeast Asia		1.00	0.59	9.64	4.74	10.02	0.01	1.19
Mexico		0.37	0.25	6.10	6.20	6.25	0.00	0.46
2021/22 Est.								
World 2/		100.35	359.80	156.59	313.81	363.00	154.02	99.73
World Less China		69.21	343.40	65.02	226.31	255.40	153.91	68.32
United States		6.99	121.53	0.43	59.98	62.77	58.72	7.47
Total Foreign		93.36	238.27	156.16	253.83	300.23	95.29	92.26
Major Exporters 3/		55.39	181.82	4.43	91.83	102.47	87.26	51.91
Argentina		25.06	43.90	3.84	38.83	46.04	2.86	23.90
Brazil		29.58	130.50	0.54	50.71	53.96	79.06	27.60
Paraguay		0.48	4.18	0.04	2.20	2.25	2.27	0.18
Major Importers 4/		34.53	20.22	123.79	116.34	143.86	0.42	34.26
China		31.15	16.40	91.57	87.50	107.60	0.10	31.40
European Union		1.56	2.77	14.55	15.40	16.97	0.29	1.62
Southeast Asia		1.19	0.53	8.26	4.45	9.27	0.02	0.69
Mexico		0.46	0.29	5.96	6.35	6.40	0.00	0.30
2022/23 Proj.								
World 2/	Mar	99.00	375.15	165.39	320.04	371.13	168.40	100.01
	Apr	99.73	369.64	164.76	315.20	365.83	168.00	100.29
World Less China	Mar	67.60	354.87	69.39	228.04	257.83	168.30	65.73
	Apr	68.32	349.36	68.76	224.20	253.53	167.90	65.01
United States	Mar	7.47	116.38	0.41	60.42	63.69	54.84	5.72
	Apr	7.47	116.38	0.41	60.42	63.69	54.84	5.72
Total Foreign	Mar	91.53	258.77	164.99	259.62	307.44	113.56	94.29
	Apr	92.26	253.26	164.35	254.78	302.14	113.16	94.57
Major Exporters 3/	Mar	51.19	198.10	8.02	91.54	101.15	104.50	51.66
	Apr	51.91	192.20	9.07	88.79	98.40	103.60	51.18
Argentina	Mar	23.90	33.00	7.25	35.25	40.95	3.40	19.80
	Apr	23.90	27.00	8.30	32.00	37.70	3.40	18.10
Brazil	Mar	26.89	153.00	0.75	52.75	56.40	92.70	31.54
	Apr	27.60	154.00	0.75	53.25	56.90	92.70	32.75
Paraguay	Mar	0.18	10.00	0.01	3.45	3.58	6.40	0.21
	Apr	0.18	10.00	0.01	3.45	3.58	6.40	0.21
Major Importers 4/	Mar	34.20	23.66	129.53	120.50	149.84	0.37	37.18
	Apr	34.26	23.63	129.56	119.64	148.84	0.37	38.23
China	Mar	31.40	20.28	96.00	92.00	113.30	0.10	34.28
	Apr	31.40	20.28	96.00	91.00	112.30	0.10	35.28
European Union	Mar	1.55	2.47	13.90	14.65	16.23	0.25	1.44
	Apr	1.62	2.44	13.90	14.65	16.23	0.25	1.48
Southeast Asia	Mar	0.69	0.50	9.88	4.85	10.20	0.02	0.86
	Apr	0.69	0.50	9.76	4.89	10.10	0.02	0.84
Mexico	Mar	0.30	0.19	6.40	6.50	6.55	0.00	0.34
	Apr	0.30	0.18	6.40	6.50	6.55	0.00	0.33

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

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

2020/21		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		16.17	248.17	65.16	244.32	69.45	15.73
World Less China		16.17	174.52	65.08	171.65	68.40	15.73
United States		0.31	45.87	0.71	34.18	12.41	0.31
Total Foreign		15.86	202.30	64.45	210.15	57.05	15.42
Major Exporters 3/		6.54	75.37	0.26	28.33	47.30	6.54
Argentina		2.57	31.32	0.00	3.28	28.33	2.29
Brazil		3.77	36.05	0.02	19.20	16.58	4.06
India		0.20	8.00	0.24	5.85	2.40	0.19
Major Importers 4/		3.28	22.86	37.54	59.54	1.23	2.91
European Union		0.79	12.48	16.50	28.39	0.85	0.54
Mexico		0.18	4.90	1.85	6.73	0.01	0.20
Southeast Asia 5/		2.26	3.69	17.35	20.81	0.37	2.12
China		0.00	73.66	0.07	72.68	1.05	0.00
2021/22 Est.							
World 2/		15.73	246.19	66.92	243.79	68.75	16.30
World Less China		15.73	176.89	66.87	174.92	68.26	16.30
United States		0.31	47.01	0.59	35.35	12.27	0.28
Total Foreign		15.42	199.19	66.33	208.44	56.48	16.02
Major Exporters 3/		6.54	76.39	0.79	29.16	47.74	6.83
Argentina		2.29	30.29	0.14	3.33	26.59	2.80
Brazil		4.06	39.31	0.01	19.55	20.21	3.62
India		0.19	6.80	0.65	6.29	0.94	0.41
Major Importers 4/		2.91	22.60	38.56	60.03	1.12	2.92
European Union		0.54	12.17	16.70	28.04	0.77	0.60
Mexico		0.20	5.02	1.83	6.88	0.02	0.15
Southeast Asia 5/		2.12	3.47	18.33	21.48	0.33	2.11
China		0.00	69.30	0.06	68.87	0.48	0.00
2022/23 Proj.							
World 2/	Mar	14.26	251.47	64.30	248.88	68.18	12.96
	Apr	16.30	247.61	62.77	247.20	65.88	13.60
World Less China	Mar	14.26	178.61	64.25	176.36	67.78	12.96
	Apr	16.30	175.53	62.72	175.27	65.68	13.60
United States	Mar	0.28	47.66	0.54	35.74	12.43	0.32
	Apr	0.28	47.62	0.59	35.74	12.43	0.32
Total Foreign	Mar	13.97	203.81	63.75	213.13	55.76	12.65
	Apr	16.02	199.99	62.18	211.45	53.45	13.29
Major Exporters 3/	Mar	6.60	76.13	0.12	29.90	47.20	5.75
	Apr	6.83	73.98	0.12	29.90	45.00	6.03
Argentina	Mar	2.80	27.50	0.00	3.33	24.90	2.07
	Apr	2.80	24.96	0.00	3.33	22.40	2.03
Brazil	Mar	3.40	40.88	0.02	19.85	21.10	3.34
	Apr	3.62	41.26	0.02	19.85	21.40	3.65
India	Mar	0.41	7.76	0.10	6.73	1.20	0.34
	Apr	0.41	7.76	0.10	6.73	1.20	0.34
Major Importers 4/	Mar	1.77	22.38	38.10	59.47	1.09	1.68
	Apr	2.92	22.47	37.30	59.39	1.01	2.29
European Union	Mar	0.74	11.57	16.40	27.39	0.78	0.55
	Apr	0.60	11.58	16.00	27.04	0.70	0.43
Mexico	Mar	0.15	5.14	1.85	6.95	0.01	0.18
	Apr	0.15	5.14	1.85	6.95	0.01	0.18
Southeast Asia 5/	Mar	0.77	3.79	18.00	21.44	0.31	0.81
	Apr	2.11	3.80	17.75	21.74	0.30	1.63
China	Mar	0.00	72.86	0.05	72.51	0.40	0.00
	Apr	0.00	72.07	0.05	71.92	0.20	0.00

1/ Data based on local marketing years except for Argentina and Brazil which are adjusted to an October-September year. 2/ World imports and exports may not balance due to differences in local marketing years and to time lags between reported exports and imports. Therefore, world supply may not equal world use. 3/ Argentina, Brazil, and India. 4/ Includes 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)**

2020/21		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		5.38	59.27	11.78	58.45	12.62	5.36
World Less China		4.60	42.61	10.55	40.85	12.58	4.33
United States		0.84	11.35	0.14	10.58	0.79	0.97
Total Foreign		4.54	47.92	11.64	47.88	11.83	4.39
Major Exporters 3/		1.51	20.51	0.74	12.49	9.03	1.25
Argentina		0.55	7.93	0.00	2.04	6.14	0.30
Brazil		0.48	8.95	0.25	7.95	1.26	0.47
European Union		0.44	3.00	0.49	2.43	1.07	0.44
Major Importers 4/		1.52	19.93	6.79	26.35	0.21	1.68
China		0.78	16.67	1.23	17.60	0.04	1.03
India		0.18	1.80	3.25	4.95	0.01	0.27
North Africa 5/		0.45	1.00	1.63	2.59	0.13	0.36
2021/22 Est.							
World 2/		5.36	59.14	11.51	59.24	12.24	4.54
World Less China		4.33	43.46	11.22	42.59	12.13	4.30
United States		0.97	11.86	0.14	11.26	0.80	0.90
Total Foreign		4.39	47.28	11.37	47.98	11.44	3.63
Major Exporters 3/		1.25	20.77	0.59	12.59	8.62	1.39
Argentina		0.30	7.66	0.09	2.66	4.87	0.52
Brazil		0.47	9.76	0.03	7.45	2.41	0.41
European Union		0.44	2.93	0.46	2.41	0.97	0.45
Major Importers 4/		1.68	18.83	6.60	26.10	0.28	0.74
China		1.03	15.68	0.29	16.65	0.11	0.24
India		0.27	1.53	4.23	5.83	0.02	0.19
North Africa 5/		0.36	1.19	1.39	2.52	0.14	0.29
2022/23 Proj.							
World 2/	Mar	4.43	60.21	10.94	59.35	11.82	4.40
	Apr	4.54	59.27	10.29	58.70	11.20	4.20
World Less China	Mar	4.19	43.72	9.94	42.25	11.73	3.87
	Apr	4.30	42.97	9.49	42.00	11.11	3.65
United States	Mar	0.90	11.88	0.14	11.82	0.23	0.88
	Apr	0.90	11.88	0.14	11.82	0.23	0.88
Total Foreign	Mar	3.52	48.33	10.81	47.54	11.60	3.52
	Apr	3.63	47.39	10.15	46.88	10.97	3.33
Major Exporters 3/	Mar	1.35	20.57	0.53	12.59	8.76	1.09
	Apr	1.39	20.02	0.53	12.61	8.16	1.17
Argentina	Mar	0.52	6.97	0.00	2.34	4.75	0.40
	Apr	0.52	6.32	0.00	2.34	4.10	0.41
Brazil	Mar	0.35	10.16	0.08	7.90	2.35	0.34
	Apr	0.41	10.26	0.08	7.93	2.40	0.41
European Union	Mar	0.46	2.78	0.45	2.28	1.08	0.33
	Apr	0.45	2.79	0.45	2.28	1.08	0.33
Major Importers 4/	Mar	0.72	19.95	6.30	25.76	0.21	1.00
	Apr	0.74	19.57	5.91	25.17	0.20	0.84
China	Mar	0.24	16.49	1.00	17.10	0.09	0.54
	Apr	0.24	16.31	0.80	16.70	0.09	0.56
India	Mar	0.18	1.75	3.15	4.94	0.02	0.13
	Apr	0.19	1.75	3.15	4.94	0.02	0.13
North Africa 5/	Mar	0.26	1.19	1.55	2.62	0.11	0.28
	Apr	0.29	1.11	1.36	2.53	0.09	0.13

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, Paraguay, and European Union. 4/ China, India, Bangladesh, 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>
2021	Annual	27,948	27,675	55,815	44,899	5,558	50,995	106,810	9,298	226.3	
2022	I	7,022	6,904	13,972	11,170	1,374	12,678	26,650	2,319	56.3	
	II	7,069	6,639	13,755	11,279	1,275	12,697	26,452	2,218	57.8	
	III	7,147	6,533	13,725	11,896	1,264	13,312	27,037	2,259	56.4	
	IV	7,053	6,919	14,018	11,861	1,310	13,310	27,328	2,277	55.9	
	Annual										
	Mar Est.	28,290	26,994	55,469	46,206	5,222	51,997	107,467	9,074	226.5	
	Apr Est.	28,290	26,994	55,469	46,206	5,222	51,997	107,467	9,074	226.5	
2023	I	6,820	7,065	13,929	11,500	1,360	13,000	26,929	2,220	56.9	
	II*	6,675	6,640	13,361	11,600	1,380	13,120	26,481	2,280	58.4	
	III*	6,795	6,590	13,431	12,000	1,420	13,565	26,996	2,355	56.9	
	IV*	6,485	7,065	13,597	11,800	1,425	13,355	26,952	2,430	56.5	
	Annual										
	Mar Proj.	26,665	27,410	54,259	46,750	5,585	52,885	107,144	9,330	228.5	
	Apr Proj.	26,775	27,360	54,317	46,900	5,585	53,040	107,357	9,285	228.7	

* 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>
2021	Annual	122.40	67.29	101.2	122.8	118.5	18.53
2022	I	139.25	65.55	135.1	131.4	170.8	24.93
	II	141.93	75.58	167.5	143.9	251.6	27.10
	III	143.42	80.20	136.1	165.4	295.6	24.80
	IV	152.99	63.49	123.5	177.5	411.7	25.40
	Annual						
	Mar Est.	144.40	71.21	140.5	154.5	282.4	25.56
	Apr Est.	144.40	71.21	140.5	154.5	282.4	25.56
2023	I	160.90	54.83	124.5	170.8	315.9	21.90
	II*	169.00	60.00	137.0	170.0	200.0	19.95
	III*	162.00	67.00	130.0	170.0	165.0	19.85
	IV*	167.00	62.00	130.0	175.0	175.0	20.80
	Annual						
	Mar Proj.	162.0	66.0	127.0	162.0	212.0	20.45
	Apr Proj.	164.5	61.0	130.5	171.5	214.0	20.65

*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	2021	716	28,016	3,346	32,078	3,441	676	27,962	58.9	
	2022 Est.	Mar	676	28,358	3,391	32,425	3,536	723	28,165	59.1
		Apr	676	28,358	3,391	32,425	3,536	723	28,165	59.1
	2023 Proj.	Mar	723	26,733	3,425	30,881	3,090	640	27,151	56.7
		Apr	723	26,843	3,500	31,066	3,135	640	27,291	57.0
Pork	2021	467	27,690	1,180	29,337	7,026	446	21,865	51.1	
	2022 Est.	Mar	446	27,009	1,344	28,799	6,338	504	21,957	51.1
		Apr	446	27,009	1,344	28,799	6,338	504	21,957	51.1
	2023 Proj.	Mar	504	27,425	1,005	28,934	6,350	535	22,049	51.0
		Apr	504	27,375	1,065	28,944	6,380	530	22,034	51.0
Total Red Meat 5/	2021	1,217	55,906	4,890	62,014	10,470	1,147	50,397	111.5	
	2022 Est.	Mar	1,147	55,561	5,093	61,801	9,880	1,256	50,666	111.6
		Apr	1,147	55,561	5,093	61,801	9,880	1,256	50,666	111.6
	2023 Proj.	Mar	1,256	54,350	4,797	60,403	9,446	1,201	49,757	109.2
		Apr	1,256	54,409	4,910	60,575	9,521	1,199	49,855	109.3
Broiler	2021	830	44,419	155	45,403	7,355	705	37,343	96.5	
	2022 Est.	Mar	705	45,711	176	46,593	7,278	892	38,423	98.9
		Apr	705	45,711	176	46,593	7,278	892	38,423	98.9
	2023 Proj.	Mar	892	46,250	160	47,302	7,315	860	39,127	100.2
		Apr	892	46,398	60	47,351	7,360	880	39,111	100.2
Turkey	2021	223	5,558	22	5,804	548	166	5,090	15.3	
	2022 Est.	Mar	166	5,222	85	5,473	408	190	4,876	14.6
		Apr	166	5,222	85	5,473	408	190	4,876	14.6
	2023 Proj.	Mar	190	5,585	120	5,895	360	200	5,335	15.9
		Apr	190	5,585	39	5,814	370	200	5,244	15.6
Total Poultry 6/	2021	1,057	50,514	180	51,751	7,947	874	42,930	113.3	
	2022 Est.	Mar	874	51,502	268	52,645	7,715	1,087	43,843	115.2
		Apr	874	51,502	268	52,645	7,715	1,087	43,843	115.2
	2023 Proj.	Mar	1,087	52,384	286	53,758	7,691	1,065	45,002	117.8
		Apr	1,087	52,538	105	53,729	7,746	1,085	44,898	117.4
Red Meat & Poultry	2021	2,274	106,420	5,070	113,765	18,418	2,021	93,327	224.8	
	2022 Est.	Mar	2,021	107,064	5,362	114,446	17,595	2,343	94,509	226.8
		Apr	2,021	107,064	5,362	114,446	17,595	2,343	94,509	226.8
	2023 Proj.	Mar	2,343	106,735	5,083	114,161	17,137	2,266	94,758	226.9
		Apr	2,343	106,946	5,015	114,304	17,267	2,284	94,753	226.8

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

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U.S. Egg Supply and Use

	2020	2021	2022 Est. Mar	2022 Est. Apr	2023 Proj. Mar	2023 Proj. Apr
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	31.6	24.5	19.1	19.1	18.8	18.8
Production	9,295.5	9,297.9	9,073.8	9,073.8	9,330.0	9,285.0
Imports	15.5	18.2	25.9	25.9	26.0	22.5
Total Supply	9,342.6	9,340.6	9,118.8	9,118.8	9,374.8	9,326.3
Use						
Exports	344.0	392.2	226.5	226.5	240.0	196.0
Hatching Use	1,078.4	1,103.9	1,117.9	1,117.9	1,125.0	1,126.0
Ending Stocks	24.5	19.1	18.8	18.8	21.0	21.0
Disappearance						
Total	7,895.6	7,825.4	7,755.7	7,755.7	7,988.8	7,983.3
Per Capita (number)	285.6	282.5	279.0	279.0	285.9	285.7

U.S. Milk Supply and Use

	2020	2021	2022 Est. Mar	2022 Est. Apr	2023 Proj. Mar	2023 Proj. Apr
Milk	<i>Billion Pounds</i>					
Production						
Farm Use	223.3	226.3	226.5	226.5	228.5	228.7
Fat Basis Supply						
Beginning Stocks	13.6	15.6	14.3	14.3	14.4	14.4
Marketings	222.2	225.3	225.4	225.4	227.5	227.6
Imports	6.8	6.5	7.1	7.1	7.4	7.7
Total Supply	242.6	247.4	246.8	246.8	249.2	249.7
Fat Basis Use						
Exports	9.3	11.5	13.4	13.4	13.0	12.2
Ending Stocks	15.6	14.3	14.4	14.4	14.6	14.6
Domestic Use	217.8	221.5	219.0	219.0	221.6	222.8
Skim-solid Basis Supply						
Beginning Stocks	10.2	10.9	11.1	11.1	11.7	11.7
Marketings	222.2	225.3	225.4	225.4	227.5	227.6
Imports	5.6	5.8	6.7	6.7	6.5	6.9
Total Supply	238.0	241.9	243.2	243.2	245.6	246.2
Skim-solid Basis Use						
Exports	47.2	50.8	52.5	52.5	51.9	50.7
Ending Stocks	10.9	11.1	11.7	11.7	12.2	12.2
Domestic Use	179.9	180.1	179.0	179.0	181.5	183.3

Dairy domestic 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

	2020	2021	2022 Est. Mar	2022 Est. Apr	2023 Proj. Mar	2023 Proj. Apr
Product Prices 1/	<i>Dollars Per Pound</i>					
Cheese	1.9236	1.6755	2.1122	2.1122	1.810	1.855
Butter	1.5808	1.7325	2.8665	2.8665	2.335	2.420
Nonfat Dry Milk	1.0417	1.2693	1.6851	1.6851	1.230	1.165
Dry Whey	0.3621	0.5744	0.6035	0.6035	0.390	0.425
	<i>Dollars Per Cwt</i>					
Milk Prices 2/						
Class III	18.16	17.08	21.94	21.94	17.55	18.25
Class IV	13.49	16.09	24.47	24.47	18.30	18.10
All Milk 3/	18.13	18.53	25.56	25.56	20.45	20.65

All prices are January-December averages. 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 27 times and above 14 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final
	<i>Percent</i>		<i>Million Metric Tons</i>				
WHEAT							
Production							
World	0.5	0.8	2.0	0.1	6.8	27	14
U.S.	0.2	0.3	0.1	0.0	0.3	19	11
Foreign	0.5	0.9	2.0	0.2	6.8	27	14
Exports							
World	3.9	6.5	4.2	0.4	14.3	32	9
U.S.	2.5	4.2	0.6	0.0	2.1	18	22
Foreign	5.0	8.3	4.2	0.1	13.3	32	9
Domestic Use							
World	0.7	1.2	3.4	0.1	9.4	19	22
U.S.	3.1	5.2	0.7	0.0	2.2	15	26
Foreign	0.7	1.2	3.2	0.0	9.6	19	21
Ending Stocks							
World	3.1	5.3	4.1	0.0	14.5	28	12
U.S.	8.0	13.5	0.9	0.0	4.1	26	15
Foreign	3.4	5.8	3.6	0.0	12.6	29	11
COARSE GRAINS 2/							
Production							
World	1.1	1.8	9.1	0.3	42.1	33	8
U.S.	0.2	0.3	0.2	0.0	1.8	17	10
Foreign	1.5	2.5	9.2	0.3	42.1	33	8
Exports							
World	4.6	7.7	4.8	0.1	21.8	29	12
U.S.	6.5	11.0	2.7	0.0	7.2	23	18
Foreign	7.3	12.3	4.7	0.3	21.2	31	10
Domestic Use							
World	0.9	1.5	6.5	0.0	20.3	18	23
U.S.	2.3	3.8	3.1	0.1	16.8	15	26
Foreign	1.0	1.7	6.3	0.2	22.7	24	17
Ending Stocks							
World	9.5	16.0	12.3	0.2	144.9	35	6
U.S.	11.0	18.4	3.6	0.0	12.1	19	22
Foreign	12.0	20.2	10.7	0.5	144.9	35	6
RICE, milled							
Production							
World	1.3	2.1	3.3	0.0	13.3	33	8
U.S.	1.3	2.2	0.0	0.0	0.2	11	5
Foreign	1.3	2.1	3.3	0.0	13.3	33	8
Exports							
World	7.9	13.2	1.6	0.1	4.5	32	9
U.S.	6.3	10.5	0.1	0.0	0.5	18	20
Foreign	8.7	14.6	1.5	0.0	4.4	32	9
Domestic Use							
World	1.1	1.8	3.1	0.1	13.7	29	12
U.S.	7.0	11.7	0.2	0.0	0.5	16	24
Foreign	1.1	1.8	3.1	0.2	13.4	29	12
Ending Stocks							
World	8.0	13.5	4.4	0.1	26.1	28	13
U.S.	18.4	31.0	0.2	0.0	0.4	24	17
Foreign	8.3	14.0	4.5	0.1	26.1	27	14

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			Years	
Average			Smallest	Largest	Below Final	Above Final	
SOYBEANS	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	1.6	2.7	2.6	0.2	7.9	24	17
U.S.	1.4	2.3	0.7	0.0	3.2	18	16
Foreign	2.7	4.5	2.3	0.0	8.1	26	15
Exports							
World	5.0	8.4	2.8	0.1	13.2	25	16
U.S.	5.5	9.3	1.4	0.0	6.3	28	13
Foreign	11.3	19.1	2.5	0.2	15.9	22	19
Domestic Use							
World	1.8	3.0	2.7	0.0	10.3	22	19
U.S.	2.2	3.7	0.9	0.1	2.4	26	15
Foreign	2.1	3.6	2.4	0.0	10.4	20	21
Ending Stocks							
World	11.3	19.0	3.5	0.3	13.2	24	17
U.S.	34.8	58.5	1.7	0.1	6.8	16	25
Foreign	12.3	20.8	3.2	0.0	12.8	27	14
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	1.7	2.8	1.2	0.0	5.2	29	11
U.S.	0.3	0.5	0.0	0.0	0.2	17	16
Foreign	2.0	3.3	1.2	0.0	5.1	28	12
Exports							
World	4.3	7.2	1.1	0.1	4.2	26	15
U.S.	4.6	7.8	0.4	0.0	1.4	18	20
Foreign	5.4	9.1	0.9	0.1	3.9	25	16
Domestic Use							
World	2.3	3.8	1.7	0.0	8.5	23	18
U.S.	6.3	10.6	0.2	0.0	0.8	19	17
Foreign	2.2	3.8	1.6	0.2	7.8	23	18
Ending Stocks							
World	6.9	11.5	2.9	0.0	8.3	27	14
U.S.	14.0	23.6	0.4	0.0	1.6	17	24
Foreign	7.3	12.3	2.8	0.1	8.0	25	16

1/ Marketing years 1981/82 through 2021/22 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 2020/21, and for 2021/22 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	6	0	72	1	5
Exports	6.6	11.1	98	13	248	20	21
Domestic Use	2.1	3.6	109	5	474	16	25
Ending Stocks	12.5	21.1	143	3	470	19	22
SORGHUM							
Production	0.1	0.2	0	0	4	0	2
Exports	11.6	19.5	20	0	72	27	13
Domestic Use	9.8	16.4	22	0	158	16	23
Ending Stocks	38.0	64.0	20	0	148	18	22
BARLEY							
Production	1.0	1.6	1	0	11	20	4
Exports	14.5	24.5	3	0	13	11	24
Domestic Use	5.5	9.2	11	0	64	19	19
Ending Stocks	12.6	21.2	12	0	52	25	15
OATS							
Production	0.4	0.7	0	0	2	5	4
Exports	32.5	54.7	0	0	3	7	6
Domestic Use	3.9	6.6	8	0	26	12	26
Ending Stocks	14.3	24.0	9	1	30	26	15
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	2.6	4.5	825	35	2,667	30	11
Exports	7.9	13.3	548	25	2,326	31	10
Domestic Use	2.1	3.6	501	100	2,066	28	13
Ending Stocks	34.2	57.6	69	0	253	15	24
SOYBEAN OIL			<i>Million Pounds</i>				
Production	2.6	4.4	392	15	1,058	30	11
Exports	16.7	28.1	232	0	777	27	13
Domestic Use	1.9	3.2	246	0	576	23	17
Ending Stocks	17.1	28.7	236	5	753	27	14
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	2.3	3.9	481	19	1,388	26	15
Pork	2.1	3.6	309	10	983	24	17
Broilers	1.3	2.3	313	6	1,006	28	13
Turkeys	2.6	4.4	105	3	398	19	22
			<i>Million Dozen</i>				
Eggs	1.6	2.7	90	4	433	28	13
			<i>Billion Pounds</i>				
Milk	1.1	1.9	1.4	0.0	5.2	20	20

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2021/22 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 2021/22. Calendar years 1982 through 2021 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2021.

Related USDA Reports

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

Supply and Demand Database

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

Foreign Production Assessments

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

Metric Conversion Factors

1 Hectare = 2.4710 Acres

1 Kilogram = 2.20462 Pounds

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

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World Agricultural Supply and Demand Estimates

WASDE-635 – April 11, 2023

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