

World Agricultural Supply and Demand Estimates

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WHEAT: The 2022/23 U.S. wheat outlook for supply and use is unchanged this month. The projected 2022/23 season-average farm price (SAFP) is lowered \$0.25 per bushel to \$9.00 on reported NASS prices to date and expectations for cash and futures prices the remainder of 2022/23. Despite the decline, \$9.00 per bushel would remain a record SAFP.

The 2022/23 global wheat outlook raises supplies, consumption, exports, and ending stocks this month. Supplies increase by 3.6 million tons to 1,059.6 million, as production increases for Russia and Ukraine more than offset a decline in beginning stocks. Production in Russia is forecast 3.0 million tons higher, to 91.0 million, on harvest results for winter wheat to date published by the Russian Ministry of Agriculture. If realized, area harvested, yield, and production for Russia will all reach record highs. The Ukraine production forecast is increased 1.0 million tons to 20.5 million as the harvest is nearly complete and government statistics reported higher yields in the Forest and Forest-Steppe zones.

Larger supplies boost global consumption by 2.4 million tons to 791.0 million, almost entirely on increased feed and residual use as food, seed, and industrial use is nearly unchanged. Feed and residual use in Russia is forecast 1.0 million tons higher to 21.0 million on additional supplies. EU feed and residual use is increased 1.0 million tons to 44.0 million as wheat prices are now more competitive with feed grains, spurring demand. Global trade is nearly unchanged, rising 0.2 million tons to 208.9 million as there were no changes for any of the major exporters. World ending stocks increase 1.2 million tons to 268.6 million as stock increases in Russian and Ukraine more than offset a decline in the EU.

COARSE GRAINS: This month's 2022/23 U.S. corn outlook is for lower supplies, smaller feed and residual use, reduced exports and corn used for ethanol, and tighter ending stocks. Projected beginning stocks for 2022/23 are 5 million bushels lower based on essentially offsetting export and corn used for ethanol changes for 2021/22. Corn production for 2022/23 is forecast at 13.9 billion bushels, down 415 million from last month on reductions to harvested area and yield. The national average yield is forecast at 172.5 bushels per acre, down 2.9 bushels. Harvested area for grain is forecast at 80.8 million acres, down 1.0 million. Total U.S. corn use is cut 250 million bushels to 14.3 billion. Feed and residual use is lowered 100 million bushels based on a smaller crop and higher expected prices. Exports are cut 100 million bushels to 2.3 billion while corn used for ethanol is lowered 50 million to 5.3 billion. With supply falling more than use, ending stocks are down 169 million bushels to 1.2 billion. The season-average corn price received by producers is raised 10 cents to \$6.75 per bushel.

This month's 2022/23 foreign coarse grain outlook is for larger production, higher trade, and increased stocks relative to last month. Foreign corn production is forecast higher with increases for China, Ukraine, Canada, and Mozambique more than offsetting reductions for

the EU and Serbia. China corn production is raised as abundant rainfall in key Northeast provinces and the North China Plain boost yield prospects. Ukraine corn production is raised with an increase in yield expectations while Canada is higher based on greater indicated area. EU corn production is lowered based on reductions for France, Romania, and Germany. Foreign barley production is higher with larger production in Russia and Australia more than offsetting a decline for Syria.

Major global coarse grain trade changes for 2022/23 include larger corn exports for Ukraine but a reduction for the United States. Corn imports are lowered for Canada and Vietnam. Foreign corn ending stocks are raised 2.2 million tons to 273.6 million, mostly reflecting increases for China and India that are partially offset by declines for Ukraine, the EU, and Thailand. World corn ending stocks at 304.5 million tons, are down 2.2 million.

RICE: The outlook for 2022/23 U.S. rice this month is for lower supplies, reduced domestic use and exports, and smaller ending stocks. Supplies are reduced on a combination of lower beginning stocks and smaller production. Beginning stocks are lowered on the NASS *Rice Stocks* report, issued August 19. The NASS September *Crop Production* report reduced 2022/23 all rice production by 10.9 million cwt to 165.1 million on decreased harvested area and lower yields. The average all rice yield is down 41 pounds per acre to 7,586 pounds. This is the lowest U.S. rice production since 1993/94. Long-grain production is reduced 8.0 million cwt to 132.3 million, and combined medium- and short-grain production is lowered 2.9 million cwt to 32.8 million. Total domestic and residual use is lowered by 4.0 million cwt to 141.0 million on the smaller crop size. All rice exports are lowered 2.0 million cwt (all long-grain) to 77.0 million as U.S. rice is expected to be increasingly uncompetitive with lower supplies. All rice ending stocks are decreased by 5.6 million cwt to 30.9 million, down 22 percent from last year. The season-average farm price for all rice is raised \$0.60 per cwt to a record \$19.40 with increases for both the long-grain and the medium- and short-grain prices.

The 2022/23 global outlook is for lower supplies, higher consumption, reduced trade, and lower stocks. Supplies are reduced 4.4 million tons to 692.9 million primarily on lower production for China, India, and Pakistan. China's production is reduced 2.0 million tons to 147.0 million on drought conditions in southern China. India's production is lowered 2.0 million tons to 126.5 million on continued dry conditions in the northeast region. This would be the first rice production decline for India since 2015/16. Pakistan's production is decreased 500,000 tons to 8.4 million on expectations that August flooding reduced harvested area. World 2022/23 consumption is raised 0.6 million tons to a record 519.3 million on higher use for India. Global 2022/23 trade is reduced 1.1 million tons to 53.6 million on lower India exports that are partially offset by higher exports from Thailand, Vietnam, Burma, and Pakistan. India's exports are lowered 2.0 million tons to 20.0 million as India recently imposed export duties on rough, brown, and white milled rice and a ban on exports of brokens. Projected 2022/23 world ending stocks are reduced by 5.0 million tons to 173.6 million, primarily on reductions for India and China.

OILSEEDS: U.S. soybean supply and use changes for 2022/23 include higher beginning stocks and lower production, crush, exports, and ending stocks. Higher beginning stocks reflect a lower export forecast for 2021/22. Soybean production is projected at 4.4 billion bushels, down 152 million with lower harvested area and yield. Harvested area is down 0.6 million from the August forecast. The soybean yield forecast of 50.5 bushels per acre is down 1.4 bushels from last month. The crush forecast is reduced 20 million bushels and the

soybean export forecast is reduced 70 million bushels on lower supplies. Ending stocks are projected at 200 million bushels, down 45 million from last month. The U.S. season-average soybean price is forecast at \$14.35 per bushel, unchanged from last month. Soybean meal and oil prices are also unchanged at \$390 per short ton and 69.0 cents per pound, respectively. Other changes this month include lower peanut and higher cottonseed production.

Foreign 2022/23 oilseed production is increased 2.8 million tons to 516.3 million mainly on higher sunflowerseed and soybean production for Ukraine and higher rapeseed production for Australia. Ukraine's sunflowerseed production is raised 1.0 million tons to 10.5 million due to favorable August rainfall. Ukraine's soybean production is raised on higher area. Rapeseed production for Australia is raised on recent beneficial rainfall improving yield prospects. Higher exports of sunflowerseed and rapeseed from Ukraine and Australia are in line with higher EU imports. EU soybean imports are lowered with higher supplies of other oilseeds. China soybean imports for 2022/23 are lowered 1.0 million tons to 97 million. Global soybean ending stocks at 98.9 million tons are down 2.5 million mainly on lower U.S. and China stocks.

SUGAR: U.S. 2021/22 sugar stocks are reduced by 74,093 short tons, raw value (STRV) as combined lower production and imports are only partially offset by lower use. Beet sugar production is lowered by 53,440 STRV on a small reduction in estimated sucrose recovery from crop year sliced sugarbeets and also less sugar (about 20,000 STRV) from desugared molasses. Beet sugar production in August-September 2022 is still estimated at 500,000 STRV. Cane sugar in Texas is reduced a small amount on revised processor reporting. Imports are reduced by 72,615 STRV. Imports of 117,615 STRV under the 2021/22 raw sugar TRQ are now expected to enter after September 30 in fiscal year 2022/23 as permitted by the USDA extension of the quota year. Although USDA extended the quota year time limit by two additional months from October 31 to December 31, there is no expected reduction in the raw sugar TRQ shortfall of 77,162 STRV. Partially offsetting the TRQ import decrease is a 45,000-STRV increase in high-tier tariff imports, due mainly to high duty raw sugar imports made by refiners in August. Deliveries for human consumption are reduced by 50,000 STRV to 12,550,000 on lower-than-expected direct consumption imports in July and projected for August and September.

For 2022/23, cane sugar production in Louisiana is increased by 40,000 STRV on the NASS increase in forecast sugarcane production. Florida cane sugar production is decreased by 31,537 STRV based on processors' forecasts submitted to USDA. Beet sugar production is decreased by 18,421 STRV on lower sugarbeet production forecast by NASS. An increase in sugarbeet production in the Red River Valley is more than offset by reduced production in the Great Plains. Imports of sugar from Mexico are decreased by 137,405 STRV to 1,618,775. This projected reduction is made on the U.S. Needs calculation as provided in the CVD Suspension Agreement governing exports from Mexico to the United States of sugar for consumption. There are no changes to use. Ending stocks are projected at 1,710,386 STRV for an ending stocks-to-use ratio of 13.5 percent.

There are no changes from last month for Mexico sugar supply and use for either 2021/22 or 2022/23.

LIVESTOCK, POULTRY, AND DAIRY: The forecast for 2022 red meat and poultry production is fractionally higher than last month, as higher beef, pork, and broiler forecasts are partly offset by a lower turkey forecast. Beef production is raised for the second half of the year with higher expected slaughter for the period offset slightly by lower expected third-quarter carcass weights. Pork production for the third quarter is raised on a higher-than-expected slaughter pace albeit at slightly lower carcass weights. Broiler production is raised slightly on current slaughter data and higher eggs set and chicks placed. Turkey production is forecast lower based on slaughter to date and hatchery data. Egg production is raised slightly from last month. For 2023, the red meat and poultry production forecast is raised on higher beef and broiler production. The beef forecast was raised, reflecting higher expected placements in late 2022 which will be marketed in the first half of 2023. Broiler production is raised on higher expected eggs set and chicks placed during the year. Turkey production is lowered slightly, as first quarter production is expected to be close to 2022 levels. The pace of egg production growth for 2022 is expected to carry into early 2023, supporting a higher forecast.

The beef import forecast for 2022 is lowered on July trade data and expectations of slower imports, largely from Oceania during the remainder of the year; the export forecast is unchanged. Beef import and export forecasts for 2023 are unchanged. Pork imports and exports are both lowered for 2022 on recent data. For 2023, pork imports are lowered but the export forecast is unchanged. The broiler export forecast for 2022 is lowered on recent data and expectations of slowing demand in price sensitive markets; the forecast for 2023 is unchanged. Turkey exports are unchanged for 2022 and 2023.

Cattle price forecasts for 2022 are raised on current strength in demand, but forecasts for 2023 are unchanged. The 2022 hog price forecast is lowered on observed prices but is unchanged for 2023. The broiler price forecasts for 2022 and 2023 are lowered on higher forecast production. Turkey price forecasts for 2022 are unchanged, while 2023 prices are raised as a result of the lowered early-year production forecasts. The 2022 egg price forecast is raised as second half prices are expected to be supported by firm demand; as demand strength is expected to continue in early 2023, the first quarter price forecast is also raised.

The milk production forecasts for 2022 and 2023 are lowered from last month. Milk cow numbers are reduced, reflecting the average July 2022 cow number reported in the recent *Milk Production* report. Slower growth in cow numbers is carried through late 2022 and is expected to carry into 2023. Output-per-cow is forecast to increase at a slightly more rapid pace in 2022 but the forecast for 2023 is unchanged.

Fat and skim-solids basis imports for 2022 and 2023 are raised, largely driven by recent trade data and higher expected imports of cheese throughout the forecast period. Exports for both years are raised on expectations of stronger whey, lactose, and cheese exports, which are projected to be price competitive.

For 2022, forecasts for butter prices and nonfat dry milk (NDM) are raised slightly on current price strength, but cheese and whey prices are unchanged. Both Class III and Class IV prices are raised, reflecting changes in their component values. For 2023, forecasts for butter and NDM are raised on tighter supplies, cheese is lowered slightly, while whey prices are unchanged. The Class III price is unchanged while the Class IV price forecast is raised


on higher butter prices. The 2022 all milk price forecast is raised to \$25.45 per cwt and the 2023 all milk price is raised to \$22.70 per cwt.

COTTON: The 2022/23 U.S. cotton projections include higher beginning stocks, production, exports, and ending stocks this month. Beginning stocks are increased 250,000 bales, largely reflecting 2021/22 reported ending stocks data from the Agricultural Marketing Service and the NASS *Cotton System Consumption and Stocks* report. Production is 1.3 million bales higher at 13.8 million, with higher production expected in most major producing states. Exports are projected 600,000 bales higher this month as the U.S. share of exportable supplies rises, and ending stocks are 900,000 bales higher at 2.7 million bales. The season-average price for upland cotton is forecast at 96 cents per pound, 1 cent lower than in August.

The 2022/23 world cotton projections include higher production and ending stocks relative to last month, and lower consumption. World production is projected 1.4 million bales higher as more production in the United States, Australia, China, and Turkey offset decreases for Pakistan, Uzbekistan, and Togo. World consumption is 460,000 bales lower, with reductions in Pakistan and Vietnam. World trade is unchanged as higher U.S., Australia, and Mexico exports offset lower expected shipments from Brazil and Uzbekistan. On the import side, a 200,000-bale increase in Pakistan's expected imports offsets reduced expectations for Turkey and Vietnam. World ending stocks are 2.0 million bales higher this month, at 84.8 million bales.

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APPROVED BY:

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

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In 2022 the WASDE report will be released on 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/	2020/21		2724.90	3542.78	487.81	2741.33	801.45
	2021/22 (Est.)		2801.01	3602.46	509.35	2803.22	799.24
	2022/23 (Proj.)	Aug Sep	2761.52 2755.53	3560.99 3554.77	491.77 488.85	2783.49 2782.95	777.50 771.82
Wheat	2020/21		774.53	1072.74	203.40	782.19	290.55
	2021/22 (Est.)		779.90	1070.46	203.17	794.78	275.67
	2022/23 (Proj.)	Aug Sep	779.60 783.92	1055.94 1059.59	208.65 208.89	788.60 791.02	267.34 268.57
Coarse Grains 5/	2020/21		1441.10	1778.53	233.49	1455.63	322.90
	2021/22 (Est.)		1506.03	1828.93	251.43	1490.25	338.68
	2022/23 (Proj.)	Aug Sep	1469.49 1463.62	1807.79 1802.30	228.45 226.35	1476.15 1472.61	331.64 329.68
Rice, milled	2020/21		509.26	691.51	50.92	503.51	188.00
	2021/22 (Est.)		515.08	703.08	54.75	518.19	184.89
	2022/23 (Proj.)	Aug Sep	512.44 507.99	697.25 692.88	54.67 53.61	518.74 519.32	178.52 173.56
United States							
Total Grains 4/	2020/21		429.86	516.87	107.23	351.24	58.40
	2021/22 (Est.)		449.59	514.39	94.83	358.85	60.71
	2022/23 (Proj.)	Aug Sep	430.60 418.86	498.58 486.60	91.19 87.83	352.24 348.22	55.15 50.56
Wheat	2020/21		49.75	80.46	27.05	30.41	23.00
	2021/22 (Est.)		44.79	70.38	21.78	30.64	17.96
	2022/23 (Proj.)	Aug Sep	48.52 48.52	69.48 69.48	22.45 22.45	30.43 30.43	16.60 16.60
Coarse Grains 5/	2020/21		372.89	427.19	77.21	315.97	34.01
	2021/22 (Est.)		398.71	435.33	70.44	323.41	41.49
	2022/23 (Proj.)	Aug Sep	376.49 365.09	420.83 409.22	66.23 62.93	317.21 313.31	37.39 32.98
Rice, milled	2020/21		7.22	9.22	2.97	4.86	1.39
	2021/22 (Est.)		6.09	8.68	2.61	4.81	1.26
	2022/23 (Proj.)	Aug Sep	5.59 5.24	8.27 7.90	2.51 2.45	4.60 4.48	1.16 0.98

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	2,295.03	3,025.91	380.59	2,390.09	743.05	
	2021/22 (Est.)	2,351.42	3,088.07	414.52	2,444.37	738.53	
	2022/23 (Proj.)	Aug	2,330.92	3,062.41	400.58	2,431.25	722.35
		Sep	2,336.67	3,068.17	401.03	2,434.73	721.26
Wheat	2020/21	724.78	992.28	176.36	751.78	267.55	
	2021/22 (Est.)	735.11	1,000.07	181.39	764.14	257.71	
	2022/23 (Proj.)	Aug	731.08	986.47	186.19	758.17	250.74
		Sep	735.40	990.11	186.44	760.59	251.97
Coarse Grains 5/	2020/21	1,068.22	1,351.34	156.28	1,139.66	288.89	
	2021/22 (Est.)	1,107.32	1,393.60	180.99	1,166.84	297.19	
	2022/23 (Proj.)	Aug	1,092.99	1,386.96	162.22	1,158.94	294.24
		Sep	1,098.53	1,393.08	163.42	1,159.30	296.71
Rice, milled	2020/21	502.04	682.29	47.95	498.65	186.61	
	2021/22 (Est.)	508.99	694.40	52.14	513.38	183.63	
	2022/23 (Proj.)	Aug	506.85	688.98	52.17	514.13	177.36
		Sep	502.75	684.98	51.17	514.84	172.58

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	111.37	210.36	48.53	122.05	88.45	
	2021/22 (Est.)	115.71	204.15	43.07	119.46	84.79	
	2022/23 (Proj.)	Aug	117.01	201.73	44.58	119.09	82.77
		Sep	118.45	203.24	44.58	118.63	84.75
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.)	Aug	12.57	16.08	12.00	2.30	1.80
		Sep	13.83	17.59	12.60	2.30	2.70
Foreign 4/	2020/21	96.76	188.50	32.18	119.65	85.30	
	2021/22 (Est.)	98.18	183.47	28.45	116.91	81.04	
	2022/23 (Proj.)	Aug	104.44	185.66	32.58	116.79	80.97
		Sep	104.61	185.65	31.98	116.33	82.05

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		607.24	719.33	191.91	508.05	115.66	
	2021/22 (Est.)		602.16	717.82	177.55	511.49	108.49	
	2022/23 (Proj.)	Aug	646.00	754.83	196.92	531.88	120.72	
		Sep	644.83	753.32	196.64	532.03	119.00	
	Oilmeals	2020/21		348.32	368.31	97.01	344.12	18.35
		2021/22 (Est.)		349.76	368.11	95.91	344.69	17.93
2022/23 (Proj.)		Aug	364.18	382.06	97.87	356.68	19.03	
	Sep	363.92	381.85	97.81	356.51	19.20		
Vegetable Oils	2020/21		206.45	235.88	85.40	204.85	27.67	
	2021/22 (Est.)		211.27	238.94	79.73	206.68	28.79	
	2022/23 (Proj.)	Aug	219.05	247.57	88.33	213.03	30.04	
		Sep	219.21	248.00	87.96	213.37	30.41	
United States								
Oilseeds	2020/21		124.52	141.69	62.78	62.66	8.64	
	2021/22 (Est.)		130.54	140.33	59.36	63.91	8.18	
	2022/23 (Proj.)	Aug	132.46	141.46	59.52	65.48	8.20	
		Sep	128.51	137.99	57.66	64.96	7.10	
Oilmeals	2020/21		48.25	53.02	12.62	40.00	0.39	
	2021/22 (Est.)		49.19	53.20	12.54	40.23	0.43	
	2022/23 (Proj.)	Aug	50.44	54.72	12.93	41.24	0.54	
		Sep	50.02	54.43	12.66	41.27	0.50	
Vegetable Oils	2020/21		12.70	18.86	1.04	16.52	1.29	
	2021/22 (Est.)		13.04	19.66	1.05	17.28	1.33	
	2022/23 (Proj.)	Aug	13.38	20.14	0.87	18.08	1.19	
		Sep	13.30	20.09	0.87	18.03	1.19	
Foreign 3/								
Oilseeds	2020/21		482.71	577.65	129.13	445.40	107.02	
	2021/22 (Est.)		471.61	577.49	118.19	447.57	100.31	
	2022/23 (Proj.)	Aug	513.54	613.38	137.40	466.40	112.52	
		Sep	516.32	615.33	138.98	467.07	111.90	
Oilmeals	2020/21		300.08	315.30	84.39	304.12	17.96	
	2021/22 (Est.)		300.57	314.91	83.37	304.46	17.50	
	2022/23 (Proj.)	Aug	313.73	327.34	84.94	315.44	18.49	
		Sep	313.90	327.43	85.15	315.24	18.71	
Vegetable Oils	2020/21		193.75	217.03	84.36	188.32	26.38	
	2021/22 (Est.)		198.22	219.28	78.68	189.40	27.46	
	2022/23 (Proj.)	Aug	205.67	227.42	87.45	194.94	28.85	
		Sep	205.91	227.90	87.09	195.35	29.22	

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. Aug	2022/23 Proj. Sep
			<i>Million Acres</i>	
Area Planted	44.5	46.7	47.0	47.0
Area Harvested	36.8	37.2	37.5	37.5
			<i>Bushels</i>	
Yield per Harvested Acre	49.7	44.3	47.5	47.5
			<i>Million Bushels</i>	
Beginning Stocks	1,028	845	660	660
Production	1,828	1,646	1,783	1,783
Imports	100	95	110	110
Supply, Total	2,956	2,586	2,553	2,553
Food	961	972	970	970
Seed	64	60	68	68
Feed and Residual	93	94	80	80
Domestic, Total	1,117	1,126	1,118	1,118
Exports	994	800	825	825
Use, Total	2,111	1,926	1,943	1,943
Ending Stocks	845	660	610	610
Avg. Farm Price (\$/bu) 2/	5.05	7.63	9.25	9.00

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	749	297	361	201	37	1,646
	Supply, Total 3/	1,181	575	449	276	104	2,586
	Domestic Use	511	226	243	77	69	1,126
	Exports	317	209	112	148	14	800
	Use, Total	829	435	355	224	83	1,926
	Ending Stocks, Total	353	140	94	52	21	660
2022/23 (Proj.)	Beginning Stocks	353	140	94	52	21	660
	Production	576	463	381	289	74	1,783
	Supply, Total 3/	934	653	480	346	140	2,553
	Domestic Use	433	291	220	91	83	1,118
	Exports	245	235	135	180	30	825
	Use, Total	678	526	355	271	113	1,943
	Ending Stocks, Total						
		Sep					
		Aug					
		256	127	125	75	27	610
		256	127	125	75	27	610

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.
			Aug	Sep
			<i>Million Acres</i>	
Area Planted	102.3	105.9	101.5	100.4
Area Harvested	90.6	94.5	90.4	89.5
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.11	4.22	4.16	4.08
			<i>Million Metric Tons</i>	
Beginning Stocks	51.8	34.0	41.6	41.5
Production	372.6	398.5	376.2	364.8
Imports	2.2	2.4	2.5	2.4
Supply, Total	426.6	434.8	420.3	408.7
Feed and Residual	146.6	146.2	138.3	135.7
Food, Seed & Industrial	168.9	176.6	178.3	177.1
Domestic, Total	315.4	322.9	316.7	312.8
Exports	77.2	70.4	66.2	62.9
Use, Total	392.6	393.3	382.9	375.7
Ending Stocks	34.0	41.5	37.4	33.0
CORN				
			<i>Million Acres</i>	
Area Planted	90.7	93.4	89.8	88.6
Area Harvested	82.3	85.4	81.8	80.8
			<i>Bushels</i>	
Yield per Harvested Acre	171.4	177.0	175.4	172.5
			<i>Million Bushels</i>	
Beginning Stocks	1,919	1,235	1,530	1,525
Production	14,111	15,115	14,359	13,944
Imports	24	25	25	25
Supply, Total	16,055	16,375	15,913	15,494
Feed and Residual	5,603	5,600	5,325	5,225
Food, Seed & Industrial 2/	6,471	6,775	6,825	6,775
Ethanol & by-products 3/	5,033	5,330	5,375	5,325
Domestic, Total	12,074	12,375	12,150	12,000
Exports	2,747	2,475	2,375	2,275
Use, Total	14,821	14,850	14,525	14,275
Ending Stocks	1,235	1,525	1,388	1,219
Avg. Farm Price (\$/bu) 4/	4.53	5.95	6.65	6.75

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.
			Aug	Sep
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.9	7.3	6.3	6.4
Area Harvested (mil. acres)	5.1	6.5	5.4	5.5
Yield (bushels/acre)	73.2	69.0	53.2	46.0
Beginning Stocks	30	20	53	53
Production	373	448	286	252
Imports	0	0	0	0
Supply, Total	403	468	339	305
Feed and Residual	97	90	65	65
Food, Seed & Industrial	7	35	25	25
Total Domestic	104	125	90	90
Exports	279	290	225	195
Use, Total	383	415	315	285
Ending Stocks	20	53	24	20
Avg. Farm Price (\$/bu) 2/	5.04	5.90	6.55	6.65
BARLEY				
Area Planted (mil. acres)	2.7	2.7	3.0	3.0
Area Harvested (mil. acres)	2.2	1.9	2.4	2.4
Yield (bushels/acre)	77.2	60.4	66.3	66.3
Beginning Stocks	80	71	42	42
Production	171	118	158	158
Imports	7	15	9	9
Supply, Total	258	204	209	209
Feed and Residual	26	39	10	10
Food, Seed & Industrial	147	115	145	145
Total Domestic	172	154	155	155
Exports	14	7	7	7
Use, Total	186	162	162	162
Ending Stocks	71	42	47	47
Avg. Farm Price (\$/bu) 2/	4.75	5.31	6.95	6.90
OATS				
Area Planted (mil. acres)	3.0	2.6	2.4	2.4
Area Harvested (mil. acres)	1.0	0.7	0.8	0.8
Yield (bushels/acre)	65.1	61.3	66.1	66.1
Beginning Stocks	37	38	33	33
Production	66	40	53	53
Imports	85	81	95	90
Supply, Total	188	159	180	175
Feed and Residual	68	44	65	60
Food, Seed & Industrial	78	80	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	5.80	5.80

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.
			Aug	Sep
		<i>Million Acres</i>		
Area Planted	3.04	2.53	2.34	2.22
Area Harvested	2.99	2.49	2.31	2.18
		<i>Pounds</i>		
Yield per Harvested Acre	7,619	7,709	7,627	7,586
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	28.7	43.7	41.5	39.7
Production	227.5	191.8	176.0	165.1
Imports	34.1	37.8	43.0	44.0
Supply, Total	290.2	273.2	260.5	248.9
Domestic & Residual 3/	153.1	151.4	145.0	141.0
Exports, Total 4/	93.5	82.2	79.0	77.0
Rough	34.6	28.3	32.0	29.0
Milled (rough equiv.)	58.9	53.9	47.0	48.0
Use, Total	246.6	233.5	224.0	218.0
Ending Stocks	43.7	39.7	36.5	30.9
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	14.40	15.70	18.80	19.40
LONG-GRAIN RICE				
Harvested Acres (mil.)	2.30	1.94		
Yield (pounds/acre)	7,422	7,471		
Beginning Stocks	16.9	29.7	25.4	24.6
Imports	27.4	30.7	33.0	34.0
Production	170.8	144.6	140.3	132.3
Supply, Total 7/	215.1	205.1	198.7	190.9
Domestic & Residual 3/	120.3	119.8	115.0	112.0
Exports 8/	65.0	60.6	60.0	58.0
Use, Total	185.3	180.4	175.0	170.0
Ending Stocks	29.7	24.6	23.7	20.9
Avg. Farm Price (\$/cwt) 6/	12.60	13.70	16.00	16.50
MEDIUM & SHORT-GRAIN RICE				
Harvested Acres (mil.)	0.69	0.55		
Yield (pounds/acre)	8,282	8,543		
Beginning Stocks	10.7	11.5	13.6	13.0
Imports	6.7	7.1	10.0	10.0
Production	56.7	47.2	35.7	32.8
Supply, Total 7/	72.7	66.2	59.3	55.9
Domestic & Residual 3/	32.8	31.6	30.0	29.0
Exports 8/	28.5	21.5	19.0	19.0
Use, Total	61.2	53.1	49.0	48.0
Ending Stocks	11.5	13.0	10.3	7.9
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	20.10	22.00	27.00	27.90
California 10/	22.60	25.70	32.00	33.00
Other States 1/	13.00	14.10	16.50	17.00

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.
			Aug	Sep
		<i>Million Acres</i>		
Area Planted	83.4	87.2	88.0	87.5
Area Harvested	82.6	86.3	87.2	86.6
		<i>Bushels</i>		
Yield per Harvested Acre	51.0	51.4	51.9	50.5
		<i>Million Bushels</i>		
Beginning Stocks	525	257	225	240
Production	4,216	4,435	4,531	4,378
Imports	20	15	15	15
Supply, Total	4,761	4,707	4,771	4,633
Crushings	2,141	2,205	2,245	2,225
Exports	2,266	2,145	2,155	2,085
Seed	101	102	102	102
Residual	-4	16	24	21
Use, Total	4,504	4,467	4,526	4,433
Ending Stocks	257	240	245	200
Avg. Farm Price (\$/bu) 2/	10.80	13.30	14.35	14.35
SOYBEAN OIL				
		<i>Million Pounds</i>		
Beginning Stocks	1,853	2,131	2,101	2,151
Production 4/	25,023	26,105	26,310	26,075
Imports	302	325	500	500
Supply, Total	27,177	28,561	28,911	28,726
Domestic Disappearance	23,314	24,635	25,700	25,500
Biofuel 3/	8,920	10,200	12,000	11,800
Food, Feed & other Industrial	14,394	14,435	13,700	13,700
Exports	1,731	1,775	1,400	1,400
Use, Total	25,046	26,410	27,100	26,900
Ending stocks	2,131	2,151	1,811	1,826
Avg. Price (c/lb) 2/	56.87	73.00	69.00	69.00
SOYBEAN MEAL				
		<i>Thousand Short Tons</i>		
Beginning Stocks	341	341	400	400
Production 4/	50,565	51,734	52,850	52,350
Imports	784	625	450	600
Supply, Total	51,691	52,700	53,700	53,350
Domestic Disappearance	37,674	38,700	39,200	39,200
Exports	13,675	13,600	14,000	13,700
Use, Total	51,350	52,300	53,200	52,900
Ending Stocks	341	400	500	450
Avg. Price (\$/s.t.) 2/	392.31	440.00	390.00	390.00

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 2,205 million bushels for 2021/22 and 2,225 million bushels for 2022/23.

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U.S. Sugar Supply and Use 1/

	2020/21	2021/22 Est.	2022/23 Proj. Aug	2022/23 Proj. Sep
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,618	1,705	1,828	1,753
Production 2/	9,233	9,065	9,151	9,141
Beet Sugar	5,092	5,102	5,138	5,119
Cane Sugar	4,141	3,963	4,013	4,021
Florida	2,090	1,933	2,000	1,968
Louisiana	1,918	1,906	1,910	1,950
Texas	134	124	103	103
Imports	3,221	3,673	3,501	3,481
TRQ 3/	1,749	1,648	1,445	1,562
Other Program 4/	292	300	250	250
Non-program	1,180	1,725	1,806	1,669
Mexico	968	1,355	1,756	1,619
High-tier tariff/other	212	370	50	50
Total Supply	14,072	14,443	14,479	14,375
Exports	49	35	35	35
Deliveries	12,277	12,655	12,630	12,630
Food	12,161	12,550	12,525	12,525
Other 5/	116	105	105	105
Miscellaneous	40	0	0	0
Total Use	12,367	12,690	12,665	12,665
Ending Stocks	1,705	1,753	1,814	1,710
Stocks to Use Ratio	13.8	13.8	14.3	13.5

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 (77) and for 2022/23 (99). 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 -- 314; 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.	Aug	1,053	6,185	50	4,547	1,794	947
		Sep	1,053	6,185	50	4,547	1,794	947
2022/23 Proj.		Aug	947	6,000	50	4,547	1,503	947
		Sep	947	6,000	50	4,547	1,503	947

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2020/21 = 1,320; Estimated 2020/21 = 1,310; Projected 2022/23 = 1,317; Estimated Oct - July 2022 = 1,077, Oct - July 2021 = 1,096. Footnote source for estimate: Comite Nacional para el Desarrollo Sustentable de la Cana de Azucar. 2/Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2021/22 (497 est =462 dom.+35 import); 2022/23 (497 proj = 462 dom.+35 import). Statistical Adjustments: 2021/22 (0), 2022/23 (0).

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U.S. Cotton Supply and Use 1/

	2020/21	2021/22 Est.	2022/23 Proj. Aug	2022/23 Proj. Sep
Area				
			<i>Million Acres</i>	
Planted	12.09	11.22	12.48	13.79
Harvested	8.22	10.27	7.13	7.88
			<i>Pounds</i>	
Yield per Harvested Acre	853	819	846	843
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	7.25	3.15	3.50	3.75
Production	14.61	17.52	12.57	13.83
Imports	0.00	0.01	0.01	0.01
Supply, Total	21.86	20.68	16.08	17.59
Domestic Use	2.40	2.55	2.30	2.30
Exports, Total	16.35	14.62	12.00	12.60
Use, Total	18.75	17.17	14.30	14.90
Unaccounted 2/	-0.04	-0.24	-0.03	-0.01
Ending Stocks	3.15	3.75	1.80	2.70
Avg. Farm Price 3/	66.3	92.0	97.0	96.0

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/	298.21	774.53	195.37	157.94	782.19	203.40	290.55
World Less China	148.20	640.28	184.75	117.94	632.19	202.64	146.43
United States	27.99	49.75	2.73	2.54	30.41	27.05	23.00
Total Foreign	270.23	724.78	192.64	155.41	751.78	176.36	267.55
Major Exporters 4/	32.38	322.46	6.66	72.80	179.40	147.50	34.61
Argentina	2.36	17.64	0.01	0.05	6.35	11.53	2.12
Australia	2.68	31.92	0.20	4.50	8.00	23.85	2.96
Canada	5.50	35.44	0.55	4.15	9.10	26.43	5.95
European Union 5/	13.11	126.69	5.38	42.50	104.75	29.74	10.69
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/	193.75	200.40	125.06	57.58	323.55	12.62	183.04
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	40.00	150.00	0.76	144.12
Japan	1.21	1.00	5.49	0.65	6.25	0.30	1.15
N. Africa 7/	14.36	15.81	28.50	1.75	46.72	0.80	11.14
Nigeria	0.30	0.06	6.59	0.05	5.55	0.60	0.79
Sel. Mideast 8/	11.79	20.62	17.74	3.54	38.83	0.62	10.70
Southeast Asia 9/	5.91	0.00	25.84	7.29	25.05	1.14	5.56
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/	290.55	779.90	197.99	161.04	794.78	203.17	275.67
World Less China	146.43	642.96	188.42	126.04	646.78	202.30	133.92
United States	23.00	44.79	2.59	2.57	30.64	21.78	17.96
Total Foreign	267.55	735.11	195.40	158.47	764.14	181.39	257.71
Major Exporters 4/	34.61	327.60	5.85	78.73	186.03	142.75	39.28
Argentina	2.12	22.50	0.00	0.05	6.35	16.50	1.78
Australia	2.96	36.35	0.20	5.00	8.50	27.50	3.50
Canada	5.95	22.30	0.60	5.18	10.18	15.00	3.67
European Union 5/	10.69	138.29	4.61	45.00	108.25	31.90	13.43
Russia	11.38	75.16	0.30	19.50	42.75	33.00	11.09
Ukraine	1.51	33.01	0.14	4.00	10.00	18.84	5.81
Major Importers 6/	183.04	203.23	130.29	53.53	323.40	15.49	177.66
Bangladesh	2.14	1.13	6.34	0.60	8.30	0.00	1.31
Brazil	1.91	7.70	6.50	0.45	11.75	3.20	1.16
China	144.12	136.95	9.57	35.00	148.00	0.88	141.76
Japan	1.15	1.13	5.61	0.75	6.30	0.30	1.28
N. Africa 7/	11.14	20.43	26.85	1.87	47.02	0.41	11.00
Nigeria	0.79	0.09	6.19	0.05	5.85	0.60	0.62
Sel. Mideast 8/	10.70	16.50	22.90	3.88	38.78	0.75	10.57
Southeast Asia 9/	5.56	0.00	26.49	7.30	25.40	1.28	5.37
Selected Other							
India	27.80	109.59	0.03	7.00	109.88	8.03	19.50
Kazakhstan	1.48	11.81	2.50	1.30	6.10	8.20	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/	Aug	276.35	779.60	203.89	152.79	788.60	208.65	267.34
	Sep	275.67	783.92	204.14	155.21	791.02	208.89	268.57
World Less China	Aug	134.59	641.60	194.39	122.79	644.60	207.75	122.98
	Sep	133.92	645.92	194.64	125.21	647.02	207.99	124.21
United States	Aug	17.96	48.52	2.99	2.18	30.43	22.45	16.60
	Sep	17.96	48.52	2.99	2.18	30.43	22.45	16.60
Total Foreign	Aug	258.38	731.08	200.90	150.61	758.17	186.19	250.74
	Sep	257.71	735.40	201.15	153.04	760.59	186.44	251.97
Major Exporters 4/	Aug	39.66	326.60	6.71	77.05	185.20	150.50	37.26
	Sep	39.28	330.60	6.71	79.55	187.70	150.50	38.38
Argentina	Aug	1.78	19.00	0.01	0.05	6.35	13.00	1.43
	Sep	1.78	19.00	0.01	0.05	6.35	13.00	1.43
Australia	Aug	3.46	33.00	0.20	5.00	8.55	25.00	3.11
	Sep	3.50	33.00	0.20	5.00	8.55	25.00	3.15
Canada	Aug	3.42	35.00	0.60	4.00	9.10	26.00	3.92
	Sep	3.67	35.00	0.60	4.00	9.10	26.00	4.17
European Union 5/	Aug	13.08	132.10	5.50	43.00	107.00	33.50	10.18
	Sep	13.43	132.10	5.50	44.00	108.00	33.50	9.53
Russia	Aug	12.09	88.00	0.30	20.00	44.00	42.00	14.39
	Sep	11.09	91.00	0.30	21.00	45.00	42.00	15.39
Ukraine	Aug	5.84	19.50	0.10	5.00	10.20	11.00	4.24
	Sep	5.81	20.50	0.10	5.50	10.70	11.00	4.71
Major Importers 6/	Aug	177.86	204.35	134.50	47.30	321.02	15.22	180.47
	Sep	177.66	205.10	134.30	47.25	320.97	15.47	180.62
Bangladesh	Aug	1.37	1.10	7.00	0.60	8.50	0.00	0.97
	Sep	1.31	1.10	7.00	0.60	8.50	0.00	0.91
Brazil	Aug	1.16	8.70	6.40	0.55	11.95	3.00	1.31
	Sep	1.16	8.70	6.40	0.50	11.90	3.20	1.16
China	Aug	141.76	138.00	9.50	30.00	144.00	0.90	144.36
	Sep	141.76	138.00	9.50	30.00	144.00	0.90	144.36
Japan	Aug	1.28	1.15	5.70	0.65	6.20	0.30	1.63
	Sep	1.28	1.15	5.70	0.65	6.20	0.30	1.63
N. Africa 7/	Aug	11.02	17.15	30.20	1.77	47.52	0.51	10.34
	Sep	11.00	17.60	30.20	1.77	47.52	0.50	10.78
Nigeria	Aug	0.63	0.11	6.50	0.00	6.00	0.60	0.64
	Sep	0.62	0.11	6.50	0.00	6.00	0.60	0.63
Sel. Mideast 8/	Aug	10.48	17.59	23.32	3.88	39.58	0.77	11.05
	Sep	10.57	17.59	23.32	3.88	39.58	0.77	11.13
Southeast Asia 9/	Aug	5.48	0.00	26.23	6.70	25.20	1.15	5.36
	Sep	5.37	0.00	26.23	6.70	25.20	1.15	5.25
Selected Other								
India	Aug	19.50	103.00	0.03	6.50	104.50	6.50	11.53
	Sep	19.50	103.00	0.03	6.50	104.50	6.50	11.53
Kazakhstan	Aug	1.49	13.00	1.00	1.30	6.10	8.00	1.39
	Sep	1.49	13.00	1.00	1.30	6.10	8.00	1.39
United Kingdom	Aug	1.77	14.60	2.00	7.60	15.60	1.00	1.77
	Sep	1.81	14.60	2.00	7.60	15.60	1.00	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 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/	337.43	1,441.10	234.17	904.07	1,455.63	233.49	322.90
World Less China	136.47	1,172.02	183.64	683.12	1,142.52	233.48	115.44
United States	51.83	372.89	2.47	146.73	315.97	77.21	34.01
Total Foreign	285.60	1,068.22	231.70	757.33	1,139.66	156.28	288.89
Major Exporters 4/	24.24	297.33	5.46	134.75	181.05	126.63	19.35
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	16.69	24.65	7.26	3.61
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/	36.35	252.76	137.73	294.54	377.05	13.22	36.58
European Union 6/	14.16	155.46	15.87	119.91	159.41	11.45	14.63
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/	7.76	32.61	38.78	63.17	71.38	0.69	7.08
Saudi Arabia	1.72	0.19	10.03	10.25	10.61	0.00	1.33
Southeast Asia 8/	3.82	31.30	22.65	43.43	51.72	0.57	5.49
South Korea	2.02	0.24	11.80	9.47	12.03	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/	322.90	1,506.03	228.03	911.86	1,490.25	251.43	338.68
World Less China	115.44	1,225.18	185.68	684.31	1,170.50	251.38	127.82
United States	34.01	398.71	2.61	146.39	323.41	70.44	41.49
Total Foreign	288.89	1,107.32	225.41	765.47	1,166.84	180.99	297.19
Major Exporters 4/	19.35	335.37	9.17	144.40	190.45	149.27	24.18
Argentina	2.06	62.66	0.01	11.77	17.49	44.80	2.42
Australia	2.98	18.76	0.00	5.55	7.43	11.68	2.63
Brazil	4.60	120.62	2.67	66.10	78.19	44.52	5.18
Canada	3.61	24.43	6.35	17.89	25.72	5.54	3.13
Russia	1.90	38.54	0.10	22.23	31.11	7.58	1.85
Ukraine	1.65	53.51	0.02	13.45	16.58	31.95	6.66
Major Importers 5/	36.58	248.54	136.75	287.31	370.72	15.10	36.05
European Union 6/	14.63	154.41	20.06	119.47	159.09	13.52	16.48
Japan	1.66	0.24	16.82	13.41	17.15	0.00	1.57
Mexico	3.60	32.77	18.36	30.95	50.67	0.25	3.82
N. Afr & Mideast 7/	7.08	29.37	40.09	60.57	69.32	0.69	6.53
Saudi Arabia	1.33	0.20	7.71	7.45	7.81	0.00	1.43
Southeast Asia 8/	5.49	31.25	17.61	41.80	50.19	0.64	3.53
South Korea	2.04	0.22	11.61	9.24	11.81	0.00	2.06
Selected Other							
China	207.46	280.85	42.35	227.55	319.75	0.05	210.86

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/	Aug	338.30	1,469.49	221.14	907.63	1,476.15	228.45	331.64
	Sep	338.68	1,463.62	219.57	905.66	1,472.61	226.35	329.68
World Less China	Aug	127.45	1,190.19	185.29	677.58	1,154.90	228.40	126.93
	Sep	127.82	1,181.32	183.72	675.61	1,151.36	226.30	121.98
United States	Aug	41.61	376.49	2.72	138.51	317.21	66.23	37.39
	Sep	41.49	365.09	2.64	135.89	313.31	62.93	32.98
Total Foreign	Aug	296.69	1,092.99	218.42	769.11	1,158.94	162.22	294.24
	Sep	297.19	1,098.53	216.93	769.77	1,159.30	163.42	296.71
Major Exporters 4/	Aug	24.56	336.37	4.50	146.98	193.46	137.74	34.24
	Sep	24.18	340.64	3.50	148.58	195.33	138.94	34.05
Argentina	Aug	2.42	64.91	0.01	11.95	17.76	47.20	2.37
	Sep	2.42	64.91	0.01	11.96	17.77	47.20	2.37
Australia	Aug	2.39	15.22	0.00	5.02	6.90	8.58	2.13
	Sep	2.63	16.67	0.00	5.52	7.40	9.38	2.53
Brazil	Aug	5.18	130.54	1.80	69.50	81.99	47.03	8.50
	Sep	5.18	130.54	1.80	69.50	81.99	47.03	8.51
Canada	Aug	3.06	29.35	2.54	17.30	24.79	6.75	3.40
	Sep	3.13	29.70	1.54	16.80	24.29	6.65	3.44
Russia	Aug	1.85	41.00	0.10	21.90	31.00	10.15	1.81
	Sep	1.85	42.00	0.10	22.50	31.90	10.15	1.91
Ukraine	Aug	7.37	37.46	0.00	13.92	17.05	14.33	13.46
	Sep	6.66	38.96	0.00	14.92	18.05	14.83	12.74
Major Importers 5/	Aug	35.33	237.36	140.32	285.63	368.88	10.89	33.24
	Sep	36.05	235.78	139.82	284.85	367.90	10.89	32.86
European Union 6/	Aug	15.58	140.61	20.22	113.69	153.07	9.27	14.07
	Sep	16.48	139.41	20.22	113.69	153.07	9.27	13.77
Japan	Aug	1.57	0.24	16.67	13.06	16.95	0.00	1.53
	Sep	1.57	0.24	16.67	13.06	16.95	0.00	1.53
Mexico	Aug	4.06	33.50	18.57	31.74	51.46	0.60	4.07
	Sep	3.82	33.50	18.57	31.54	51.26	0.60	4.02
N. Afr & Mideast 7/	Aug	6.41	31.11	39.41	61.78	70.30	0.44	6.19
	Sep	6.53	30.83	39.41	61.70	70.02	0.44	6.32
Saudi Arabia	Aug	1.43	0.19	8.71	8.75	9.11	0.00	1.23
	Sep	1.43	0.19	8.71	8.75	9.11	0.00	1.23
Southeast Asia 8/	Aug	3.58	31.41	20.66	42.95	51.50	0.58	3.56
	Sep	3.53	31.31	20.16	42.45	51.00	0.58	3.40
South Korea	Aug	2.06	0.22	11.60	9.24	11.80	0.00	2.09
	Sep	2.06	0.22	11.60	9.24	11.80	0.00	2.09
Selected Other								
China	Aug	210.86	279.30	35.85	230.05	321.25	0.05	204.71
	Sep	210.86	282.30	35.85	230.05	321.25	0.05	207.71

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/	307.46	1,129.29	185.20	724.14	1,143.97	182.60	292.78
World Less China	106.93	868.62	155.69	521.14	858.97	182.60	87.07
United States	48.76	358.45	0.62	142.32	306.69	69.78	31.36
Total Foreign	258.70	770.85	184.59	581.82	837.29	112.83	261.42
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/	20.81	132.60	92.89	164.27	219.53	4.79	21.98
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/	3.81	31.25	20.69	41.65	49.70	0.57	5.48
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/	292.78	1,219.76	181.81	746.86	1,200.40	203.26	312.14
World Less China	87.07	947.20	158.81	537.86	909.40	203.24	101.90
United States	31.36	383.94	0.64	142.25	314.34	62.87	38.73
Total Foreign	261.42	835.81	181.17	604.61	886.06	140.39	273.41
Major Exporters 4/	9.04	242.65	2.07	99.30	122.50	116.70	14.56
Argentina	1.18	53.00	0.01	9.80	13.70	39.00	1.49
Brazil	4.15	116.00	2.00	62.00	73.00	44.50	4.65
Russia	0.75	15.23	0.05	10.00	11.10	4.00	0.93
South Africa	2.12	16.30	0.00	7.30	13.30	3.20	1.92
Ukraine	0.83	42.13	0.02	10.20	11.40	26.00	5.57
Major Importers 5/	21.98	136.54	92.72	167.30	222.65	6.69	21.90
Egypt	1.36	7.44	9.20	13.90	16.40	0.01	1.59
European Union 6/	7.88	70.98	18.50	61.30	81.90	5.80	9.66
Japan	1.42	0.01	15.30	12.00	15.35	0.00	1.38
Mexico	3.08	26.75	17.50	25.80	44.00	0.25	3.08
Southeast Asia 7/	5.48	31.20	16.32	40.70	48.85	0.63	3.52
South Korea	2.02	0.08	11.50	9.20	11.55	0.00	2.05
Selected Other							
Canada	2.17	13.98	6.10	12.50	17.90	2.15	2.20
China	205.70	272.55	23.00	209.00	291.00	0.02	210.24

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/	Aug	311.84	1,179.61	179.78	746.01	1,184.77	185.62	306.68
	Sep	312.14	1,172.58	178.25	743.05	1,180.18	183.58	304.53
World Less China	Aug	101.60	908.61	161.78	532.01	889.77	185.60	102.46
	Sep	101.90	898.58	160.25	529.05	885.18	183.56	97.32
United States	Aug	38.86	364.73	0.64	135.26	308.62	60.33	35.27
	Sep	38.73	354.19	0.64	132.72	304.81	57.79	30.95
Total Foreign	Aug	272.98	814.88	179.14	610.75	876.14	125.29	271.41
	Sep	273.41	818.39	177.62	610.33	875.37	125.79	273.58
Major Exporters 4/	Aug	15.26	243.30	1.36	103.30	127.20	108.20	24.52
	Sep	14.56	244.80	1.36	104.30	128.20	108.70	23.82
Argentina	Aug	1.49	55.00	0.01	10.00	14.00	41.00	1.49
	Sep	1.49	55.00	0.01	10.00	14.00	41.00	1.49
Brazil	Aug	4.65	126.00	1.30	65.50	77.00	47.00	7.95
	Sep	4.65	126.00	1.30	65.50	77.00	47.00	7.95
Russia	Aug	0.93	15.00	0.05	10.00	11.20	4.00	0.78
	Sep	0.93	15.00	0.05	10.00	11.20	4.00	0.78
South Africa	Aug	1.92	17.30	0.00	7.30	13.30	3.70	2.22
	Sep	1.92	17.30	0.00	7.30	13.30	3.70	2.22
Ukraine	Aug	6.27	30.00	0.00	10.50	11.70	12.50	12.07
	Sep	5.57	31.50	0.00	11.50	12.70	13.00	11.37
Major Importers 5/	Aug	21.20	126.57	95.80	164.00	219.45	3.89	20.23
	Sep	21.90	125.27	95.30	163.30	218.75	3.89	19.83
Egypt	Aug	1.59	7.44	9.20	13.90	16.40	0.01	1.83
	Sep	1.59	7.44	9.20	13.90	16.40	0.01	1.83
European Union 6/	Aug	8.66	60.00	19.00	57.00	77.40	2.70	7.56
	Sep	9.66	58.80	19.00	57.00	77.40	2.70	7.36
Japan	Aug	1.38	0.01	15.20	11.70	15.20	0.00	1.39
	Sep	1.38	0.01	15.20	11.70	15.20	0.00	1.39
Mexico	Aug	3.33	27.60	17.70	26.50	44.70	0.60	3.33
	Sep	3.08	27.60	17.70	26.30	44.50	0.60	3.28
Southeast Asia 7/	Aug	3.58	31.36	18.80	41.30	49.60	0.58	3.55
	Sep	3.52	31.26	18.30	40.80	49.10	0.58	3.40
South Korea	Aug	2.05	0.08	11.50	9.20	11.55	0.00	2.08
	Sep	2.05	0.08	11.50	9.20	11.55	0.00	2.08
Selected Other								
	Canada	Aug	2.20	14.00	2.50	9.70	14.90	1.60
	Sep	2.20	14.50	1.50	9.20	14.40	1.60	2.20
China	Aug	210.24	271.00	18.00	214.00	295.00	0.02	204.22
	Sep	210.24	274.00	18.00	214.00	295.00	0.02	207.22

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/	182.25	509.26	46.45	503.51	50.92	188.00
World Less China	65.75	360.96	42.23	353.22	48.70	71.50
United States	0.91	7.22	1.08	4.86	2.97	1.39
Total Foreign	181.34	502.04	45.37	498.65	47.95	186.61
Major Exporters 4/	41.22	191.63	2.01	149.52	38.31	47.03
Burma	1.01	12.60	0.00	10.50	1.90	1.21
India	33.90	124.37	0.00	101.07	20.20	37.00
Pakistan	1.15	8.42	0.01	3.80	3.88	1.90
Thailand	3.98	18.86	0.20	12.70	6.06	4.28
Vietnam	1.18	27.38	1.80	21.45	6.27	2.64
Major Importers 5/	128.87	240.06	17.05	255.07	2.71	128.21
China	116.50	148.30	4.22	150.29	2.22	116.50
European Union 6/	0.90	1.83	1.78	3.40	0.45	0.66
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	3.60	12.42	2.20	14.45	0.00	3.76
Sel. Mideast 7/	1.22	2.31	3.25	5.83	0.00	0.95
Selected Other						
Brazil	0.24	8.00	0.63	7.35	0.95	0.57
C. Amer & Carib 8/	0.67	1.59	1.62	3.29	0.04	0.55
Egypt	1.23	4.00	0.22	4.30	0.01	1.15
Japan	1.98	7.57	0.65	8.20	0.11	1.89
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/	188.00	515.08	53.23	518.19	54.75	184.89
World Less China	71.50	366.09	47.28	361.85	52.65	71.89
United States	1.39	6.09	1.20	4.81	2.61	1.26
Total Foreign	186.61	508.99	52.03	513.38	52.14	183.63
Major Exporters 4/	47.03	198.68	1.21	158.14	42.70	46.08
Burma	1.21	12.35	0.00	10.40	2.30	0.87
India	37.00	130.29	0.00	109.49	21.30	36.50
Pakistan	1.90	9.32	0.01	4.00	4.90	2.33
Thailand	4.28	19.65	0.20	12.80	7.50	3.83
Vietnam	2.64	27.07	1.00	21.45	6.70	2.56
Major Importers 5/	128.21	241.98	21.40	262.67	2.58	126.34
China	116.50	148.99	5.95	156.34	2.10	113.00
European Union 6/	0.66	1.71	2.30	3.50	0.44	0.74
Indonesia	3.06	34.40	0.55	35.15	0.00	2.86
Nigeria	1.69	5.26	2.20	7.25	0.00	1.90
Philippines	3.76	12.54	3.60	15.40	0.00	4.50
Sel. Mideast 7/	0.95	2.15	3.95	5.98	0.00	1.07
Selected Other						
Brazil	0.57	7.34	0.80	7.35	0.85	0.51
C. Amer & Carib 8/	0.55	1.61	1.76	3.27	0.04	0.61
Egypt	1.15	2.90	0.70	4.05	0.01	0.70
Japan	1.89	7.64	0.69	8.20	0.11	1.91
Mexico	0.20	0.18	0.75	0.97	0.01	0.15
South Korea	1.02	3.88	0.44	3.95	0.06	1.34

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/	Aug	184.82	512.44	53.10	518.74	54.67	178.52
	Sep	184.89	507.99	52.15	519.32	53.61	173.56
World Less China	Aug	71.82	363.44	47.10	362.14	52.27	69.52
	Sep	71.89	360.99	46.65	363.22	51.41	66.36
United States	Aug	1.32	5.59	1.37	4.60	2.51	1.16
	Sep	1.26	5.24	1.40	4.48	2.45	0.98
Total Foreign	Aug	183.50	506.85	51.74	514.13	52.17	177.36
	Sep	183.63	502.75	50.75	514.84	51.17	172.58
Major Exporters 4/	Aug	45.81	197.10	1.01	156.90	42.90	44.12
	Sep	46.08	194.60	0.91	158.35	42.10	41.14
Burma	Aug	0.77	12.50	0.00	10.50	2.10	0.67
	Sep	0.87	12.50	0.00	10.40	2.30	0.67
India	Aug	36.50	128.50	0.00	107.50	22.00	35.50
	Sep	36.50	126.50	0.00	109.25	20.00	33.75
Pakistan	Aug	1.80	8.90	0.01	4.10	4.90	1.71
	Sep	2.33	8.40	0.01	4.20	5.00	1.53
Thailand	Aug	3.93	19.80	0.20	13.10	7.50	3.33
	Sep	3.83	19.80	0.20	13.00	8.00	2.83
Vietnam	Aug	2.81	27.40	0.80	21.70	6.40	2.91
	Sep	2.56	27.40	0.70	21.50	6.80	2.36
Major Importers 5/	Aug	126.42	241.71	20.40	263.75	2.86	121.92
	Sep	126.34	239.71	20.25	263.30	2.66	120.34
China	Aug	113.00	149.00	6.00	156.60	2.40	109.00
	Sep	113.00	147.00	5.50	156.10	2.20	107.20
European Union 6/	Aug	0.74	1.35	2.50	3.55	0.42	0.62
	Sep	0.74	1.35	2.50	3.55	0.42	0.62
Indonesia	Aug	2.86	34.60	0.55	35.00	0.00	3.01
	Sep	2.86	34.60	0.55	35.00	0.00	3.01
Nigeria	Aug	1.90	5.36	2.20	7.45	0.00	2.00
	Sep	1.90	5.36	2.20	7.45	0.00	2.00
Philippines	Aug	4.51	12.41	3.10	15.60	0.00	4.42
	Sep	4.50	12.41	3.30	15.60	0.00	4.61
Sel. Mideast 7/	Aug	1.15	2.24	3.95	6.15	0.00	1.19
	Sep	1.07	2.24	3.95	6.20	0.00	1.06
Selected Other							
Brazil	Aug	0.51	7.10	0.85	7.30	0.70	0.46
	Sep	0.51	7.10	0.85	7.30	0.70	0.46
C. Amer & Carib 8/	Aug	0.61	1.57	1.89	3.42	0.03	0.62
	Sep	0.61	1.55	1.80	3.31	0.03	0.62
Egypt	Aug	0.70	2.90	0.85	4.00	0.01	0.44
	Sep	0.70	3.35	0.65	4.05	0.01	0.64
Japan	Aug	1.91	7.55	0.69	8.15	0.12	1.87
	Sep	1.91	7.55	0.69	8.15	0.12	1.87
Mexico	Aug	0.21	0.19	0.82	0.98	0.01	0.23
	Sep	0.15	0.19	0.80	0.98	0.01	0.15
South Korea	Aug	1.34	3.72	0.43	3.95	0.06	1.48
	Sep	1.34	3.75	0.43	3.95	0.06	1.51

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	98.99	111.37	48.62	122.05	48.53	-0.05	88.45
World Less China	62.09	81.87	35.76	82.05	48.52	-0.05	49.20
United States	7.25	14.61	3/	2.40	16.35	-0.04	3.15
Total Foreign	91.74	96.76	48.62	119.65	32.18	-0.01	85.30
Major Exporters 4/	40.41	53.78	1.61	34.91	27.67	-0.08	33.30
Central Asia 5/	3.96	5.45	0.03	4.11	2.03	0.00	3.29
Afr. Fr. Zone 6/	2.52	4.84	3/	0.11	5.31	0.00	1.93
S. Hemis. 7/	17.64	15.55	0.14	4.04	13.59	-0.09	15.79
Australia	1.20	2.80	3/	0.01	1.56	-0.10	2.52
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/	48.85	39.77	44.59	80.68	3.10	0.07	49.36
Mexico	0.69	1.02	0.93	1.70	0.49	0.03	0.43
China	36.90	29.50	12.86	40.00	0.01	0.00	39.25
European Union 9/	0.62	1.69	0.56	0.59	1.96	0.00	0.33
Turkey	2.77	2.90	5.33	7.70	0.59	0.00	2.71
Pakistan	3.19	4.50	5.33	10.70	0.03	0.03	2.27
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	88.45	115.71	42.77	119.46	43.07	-0.40	84.79
World Less China	49.20	88.71	34.93	82.46	42.95	-0.40	47.82
United States	3.15	17.52	0.01	2.55	14.62	-0.24	3.75
Total Foreign	85.30	98.18	42.77	116.91	28.45	-0.16	81.04
Major Exporters 4/	33.30	55.17	1.79	34.12	24.21	-0.18	32.11
Central Asia 5/	3.29	4.95	0.06	4.16	1.50	0.00	2.65
Afr. Fr. Zone 6/	1.93	5.98	3/	0.11	5.72	-0.01	2.09
S. Hemis. 7/	15.79	19.33	0.16	4.23	12.83	-0.18	18.41
Australia	2.52	5.75	3/	0.01	3.90	-0.19	4.55
Brazil	11.12	11.50	0.02	3.20	7.73	0.00	11.72
India	11.94	24.50	1.00	25.00	3.80	0.00	8.64
Major Importers 8/	49.36	39.77	38.51	78.49	2.94	0.02	46.19
Mexico	0.43	1.22	0.98	1.85	0.40	0.03	0.35
China	39.25	27.00	7.84	37.00	0.12	0.00	36.97
European Union 9/	0.33	1.59	0.65	0.64	1.79	-0.05	0.20
Turkey	2.71	3.80	5.52	8.70	0.57	0.00	2.77
Pakistan	2.27	6.00	4.30	10.70	0.05	0.03	1.79
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	Aug	84.72	117.01	44.57	119.09	44.58	-0.13	82.77
	Sep	84.79	118.45	44.61	118.63	44.58	-0.11	84.75
World Less China	Aug	47.46	89.51	35.57	81.59	44.53	-0.13	46.56
	Sep	47.82	90.45	35.61	81.13	44.53	-0.11	48.33
United States	Aug	3.50	12.57	0.01	2.30	12.00	-0.03	1.80
	Sep	3.75	13.83	0.01	2.30	12.60	-0.01	2.70
Total Foreign	Aug	81.22	104.44	44.57	116.79	32.58	-0.10	80.97
	Sep	81.04	104.61	44.60	116.33	31.98	-0.10	82.05
Major Exporters 4/	Aug	31.69	60.13	2.19	33.62	28.45	-0.17	32.10
	Sep	32.11	60.32	2.25	33.67	27.78	-0.17	33.40
Central Asia 5/	Aug	2.08	5.20	0.02	3.72	1.54	0.00	2.03
	Sep	2.65	5.00	0.08	3.77	1.44	0.00	2.51
Afr. Fr. Zone 6/	Aug	2.09	6.35	3/	0.11	6.06	0.00	2.27
	Sep	2.09	6.25	3/	0.11	5.98	0.00	2.24
S. Hemis. 7/	Aug	18.66	20.53	0.15	4.18	16.66	-0.18	18.68
	Sep	18.41	21.03	0.15	4.18	16.16	-0.18	19.43
Australia	Aug	4.30	5.50	3/	0.01	6.20	-0.19	3.78
	Sep	4.55	6.00	3/	0.01	6.40	-0.19	4.33
Brazil	Aug	12.22	13.00	0.02	3.20	9.30	0.00	12.73
	Sep	11.72	13.00	0.02	3.20	8.60	0.00	12.93
India	Aug	8.54	27.50	1.50	25.00	3.70	0.00	8.84
	Sep	8.64	27.50	1.50	25.00	3.70	0.00	8.94
Major Importers 8/	Aug	46.77	41.07	40.01	79.04	2.72	0.07	46.01
	Sep	46.19	41.04	39.98	78.53	2.79	0.07	45.82
Mexico	Aug	0.35	1.33	1.10	1.90	0.40	0.03	0.45
	Sep	0.35	1.40	1.10	1.90	0.50	0.03	0.42
China	Aug	37.26	27.50	9.00	37.50	0.05	0.00	36.21
	Sep	36.97	28.00	9.00	37.50	0.05	0.00	36.42
European Union 9/	Aug	0.19	1.58	0.59	0.61	1.56	0.00	0.19
	Sep	0.20	1.58	0.59	0.61	1.56	0.00	0.20
Turkey	Aug	2.83	4.30	4.90	8.50	0.65	0.00	2.88
	Sep	2.77	4.40	4.80	8.50	0.65	0.00	2.82
Pakistan	Aug	1.79	6.20	4.80	10.90	0.05	0.03	1.82
	Sep	1.79	5.50	5.00	10.50	0.03	0.03	1.74
Indonesia	Aug	0.49	3/	2.50	2.50	0.01	0.00	0.48
	Sep	0.46	3/	2.50	2.50	0.01	0.00	0.46
Thailand	Aug	0.10	3/	0.70	0.70	0.00	0.01	0.09
	Sep	0.10	3/	0.70	0.70	0.00	0.01	0.09
Bangladesh	Aug	2.44	0.16	8.40	8.50	0.00	0.01	2.49
	Sep	2.29	0.16	8.40	8.50	0.00	0.01	2.34
Vietnam	Aug	1.08	3/	7.00	6.90	0.00	0.00	1.18
	Sep	1.02	3/	6.90	6.80	0.00	0.00	1.13

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/		94.73	368.44	165.49	315.41	363.76	164.86	100.04
World Less China		70.12	348.84	65.73	222.41	251.02	164.79	68.88
United States		14.28	114.75	0.54	58.26	60.91	61.67	6.99
Total Foreign		80.45	253.70	164.95	257.15	302.86	103.20	93.05
Major Exporters 3/		47.41	197.31	5.86	90.21	100.84	94.81	54.93
Argentina		26.65	46.20	4.82	40.16	47.41	5.20	25.06
Brazil		20.42	139.50	1.02	46.68	49.88	81.65	29.40
Paraguay		0.33	9.90	0.02	3.30	3.47	6.33	0.45
Major Importers 4/		27.97	23.25	133.41	122.10	149.81	0.27	34.55
China		24.61	19.60	99.76	93.00	112.74	0.07	31.16
European Union		1.72	2.60	14.79	15.80	17.36	0.19	1.56
Southeast Asia		0.97	0.59	9.68	4.74	10.05	0.01	1.18
Mexico		0.37	0.25	6.10	6.20	6.25	0.00	0.46
2021/22 Est.								
World 2/		100.04	353.24	152.73	313.85	362.96	153.36	89.70
World Less China		68.88	336.84	62.73	226.85	256.24	153.26	58.96
United States		6.99	120.71	0.41	60.01	63.20	58.38	6.53
Total Foreign		93.05	232.54	152.32	253.84	299.76	94.99	83.17
Major Exporters 3/		54.93	176.67	4.11	92.88	103.41	87.15	45.15
Argentina		25.06	44.00	3.50	40.55	47.76	2.25	22.55
Brazil		29.40	126.00	0.55	50.25	53.50	80.00	22.46
Paraguay		0.45	4.20	0.05	2.00	2.08	2.50	0.13
Major Importers 4/		34.55	20.16	121.54	115.30	142.87	0.38	33.00
China		31.16	16.40	90.00	87.00	106.72	0.10	30.74
European Union		1.56	2.71	13.60	15.10	16.67	0.27	0.93
Southeast Asia		1.18	0.53	8.84	4.50	9.67	0.01	0.86
Mexico		0.46	0.29	5.80	6.20	6.25	0.00	0.30
2022/23 Proj.								
World 2/	Aug	89.73	392.79	166.22	327.77	378.25	169.08	101.41
	Sep	89.70	389.77	165.02	327.07	377.68	167.88	98.92
World Less China	Aug	58.99	374.39	68.22	232.77	262.66	168.98	69.96
	Sep	58.96	371.37	68.02	232.07	262.09	167.78	68.47
United States	Aug	6.13	123.30	0.41	61.10	64.53	58.65	6.66
	Sep	6.53	119.16	0.41	60.56	63.91	56.74	5.44
Total Foreign	Aug	83.60	269.49	165.81	266.67	313.72	110.43	94.75
	Sep	83.17	270.61	164.61	266.52	313.77	111.14	93.48
Major Exporters 3/	Aug	45.30	212.50	5.57	94.58	105.34	102.23	55.80
	Sep	45.15	212.50	5.57	94.83	105.59	102.63	55.00
Argentina	Aug	22.45	51.00	4.80	41.00	48.25	4.30	25.70
	Sep	22.55	51.00	4.80	41.00	48.25	4.70	25.40
Brazil	Aug	22.71	149.00	0.75	50.25	53.60	89.00	29.86
	Sep	22.46	149.00	0.75	50.50	53.85	89.00	29.36
Paraguay	Aug	0.13	10.00	0.01	3.25	3.41	6.50	0.23
	Sep	0.13	10.00	0.01	3.25	3.41	6.50	0.23
Major Importers 4/	Aug	33.21	22.00	132.73	124.80	153.50	0.33	34.10
	Sep	33.00	22.02	131.33	124.10	152.75	0.33	33.27
China	Aug	30.74	18.40	98.00	95.00	115.59	0.10	31.46
	Sep	30.74	18.40	97.00	95.00	115.59	0.10	30.46
European Union	Aug	1.13	2.57	15.20	15.90	17.53	0.22	1.15
	Sep	0.93	2.60	14.80	15.20	16.78	0.22	1.33
Southeast Asia	Aug	0.86	0.50	9.88	4.85	10.22	0.02	1.00
	Sep	0.86	0.50	9.88	4.85	10.22	0.02	1.00
Mexico	Aug	0.30	0.30	6.35	6.55	6.60	0.00	0.35
	Sep	0.30	0.29	6.35	6.55	6.60	0.00	0.34

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/		15.19	247.81	63.84	243.45	68.97	14.41
World Less China		15.19	174.16	63.77	170.78	67.92	14.41
United States		0.31	45.87	0.71	34.18	12.41	0.31
Total Foreign		14.88	201.94	63.13	209.28	56.57	14.10
Major Exporters 3/		6.76	75.10	0.26	28.48	46.93	6.71
Argentina		2.57	31.32	0.00	3.28	28.33	2.29
Brazil		3.77	36.18	0.02	19.15	16.58	4.25
India		0.42	7.60	0.24	6.05	2.03	0.18
Major Importers 4/		2.43	22.86	37.25	59.48	1.12	1.95
European Union		0.79	12.48	16.51	28.39	0.85	0.55
Mexico		0.18	4.90	1.85	6.73	0.01	0.20
Southeast Asia 5/		1.28	3.69	17.05	20.71	0.27	1.05
China		0.00	73.66	0.07	72.68	1.05	0.00
2021/22 Est.							
World 2/		14.41	246.22	64.43	241.99	69.10	13.97
World Less China		14.41	177.31	64.37	173.62	68.50	13.97
United States		0.31	46.93	0.57	35.11	12.34	0.36
Total Foreign		14.10	199.28	63.86	206.88	56.76	13.61
Major Exporters 3/		6.71	78.18	0.57	29.65	48.50	7.31
Argentina		2.29	31.63	0.08	3.33	28.20	2.47
Brazil		4.25	38.95	0.02	19.65	19.40	4.16
India		0.18	7.60	0.48	6.68	0.90	0.68
Major Importers 4/		1.95	22.22	37.95	59.37	1.08	1.67
European Union		0.55	11.93	16.80	28.04	0.75	0.48
Mexico		0.20	4.90	1.85	6.80	0.01	0.14
Southeast Asia 5/		1.05	3.50	17.50	20.83	0.32	0.90
China		0.00	68.90	0.06	68.36	0.60	0.00
2022/23 Proj.							
World 2/	Aug	14.09	257.33	65.22	251.85	70.14	14.66
	Sep	13.97	256.67	65.34	251.30	69.98	14.70
World Less China	Aug	14.09	182.09	65.17	177.56	69.14	14.66
	Sep	13.97	181.43	65.29	177.01	68.98	14.70
United States	Aug	0.36	47.95	0.41	35.56	12.70	0.45
	Sep	0.36	47.49	0.54	35.56	12.43	0.41
Total Foreign	Aug	13.73	209.39	64.81	216.29	57.44	14.21
	Sep	13.61	209.18	64.80	215.74	57.55	14.29
Major Exporters 3/	Aug	7.48	78.92	0.12	30.53	48.40	7.59
	Sep	7.31	79.11	0.12	30.56	48.50	7.49
Argentina	Aug	2.21	31.98	0.00	3.38	28.50	2.31
	Sep	2.47	31.98	0.00	3.40	28.50	2.55
Brazil	Aug	4.39	38.94	0.02	20.15	18.70	4.50
	Sep	4.16	39.13	0.02	20.15	18.80	4.36
India	Aug	0.88	8.00	0.10	7.01	1.20	0.78
	Sep	0.68	8.00	0.10	7.01	1.20	0.57
Major Importers 4/	Aug	1.73	23.41	38.30	60.58	1.06	1.80
	Sep	1.67	22.86	38.30	60.00	1.06	1.76
European Union	Aug	0.57	12.56	16.75	28.64	0.75	0.49
	Sep	0.48	12.01	16.80	28.09	0.75	0.45
Mexico	Aug	0.12	5.18	1.93	7.00	0.01	0.21
	Sep	0.14	5.18	1.88	6.98	0.01	0.21
Southeast Asia 5/	Aug	0.90	3.79	17.80	21.23	0.31	0.96
	Sep	0.90	3.79	17.80	21.23	0.31	0.96
China	Aug	0.00	75.24	0.05	74.29	1.00	0.00
	Sep	0.00	75.24	0.05	74.29	1.00	0.00

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

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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/		5.28	59.23	11.68	58.44	12.61	5.14
World Less China		4.58	42.56	10.45	40.82	12.57	4.21
United States		0.84	11.35	0.14	10.58	0.79	0.97
Total Foreign		4.44	47.88	11.54	47.87	11.82	4.17
Major Exporters 3/		1.54	20.54	0.75	12.48	9.02	1.33
Argentina		0.55	7.93	0.00	2.04	6.14	0.30
Brazil		0.48	8.99	0.25	7.96	1.26	0.50
European Union		0.44	3.00	0.49	2.43	1.06	0.44
Major Importers 4/		1.48	19.87	6.74	26.41	0.21	1.47
China		0.70	16.67	1.23	17.63	0.04	0.93
India		0.14	1.71	3.25	4.94	0.01	0.15
North Africa 5/		0.43	0.99	1.61	2.61	0.13	0.29
2021/22 Est.							
World 2/		5.14	59.20	11.52	58.95	12.31	4.60
World Less China		4.21	43.61	11.02	42.30	12.20	4.34
United States		0.97	11.84	0.15	11.17	0.81	0.98
Total Foreign		4.17	47.36	11.37	47.78	11.50	3.62
Major Exporters 3/		1.33	20.93	0.59	12.52	8.80	1.52
Argentina		0.30	8.01	0.08	2.66	5.15	0.57
Brazil		0.50	9.67	0.04	7.50	2.25	0.46
European Union		0.44	2.87	0.48	2.31	1.03	0.46
Major Importers 4/		1.47	18.83	6.78	26.15	0.22	0.72
China		0.93	15.59	0.50	16.65	0.11	0.26
India		0.15	1.71	4.10	5.80	0.02	0.15
North Africa 5/		0.29	1.03	1.54	2.55	0.09	0.22
2022/23 Proj.							
World 2/	Aug	4.43	61.60	12.00	60.49	12.91	4.63
	Sep	4.60	61.44	11.99	60.19	12.97	4.87
World Less China	Aug	4.16	44.58	11.00	42.89	12.82	4.03
	Sep	4.34	44.42	10.99	42.59	12.88	4.27
United States	Aug	0.95	11.93	0.23	11.66	0.64	0.82
	Sep	0.98	11.83	0.23	11.57	0.64	0.83
Total Foreign	Aug	3.47	49.67	11.77	48.83	12.27	3.81
	Sep	3.62	49.62	11.76	48.63	12.34	4.04
Major Exporters 3/	Aug	1.47	21.42	0.60	12.53	9.53	1.44
	Sep	1.52	21.33	0.60	12.39	9.55	1.52
Argentina	Aug	0.50	8.10	0.00	2.37	5.80	0.44
	Sep	0.57	8.10	0.00	2.38	5.80	0.49
Brazil	Aug	0.50	9.68	0.10	7.65	2.13	0.50
	Sep	0.46	9.73	0.10	7.65	2.13	0.51
European Union	Aug	0.44	3.02	0.50	2.46	1.05	0.46
	Sep	0.46	2.89	0.50	2.31	1.08	0.47
Major Importers 4/	Aug	0.77	20.48	7.01	26.91	0.21	1.14
	Sep	0.72	20.48	7.01	26.89	0.21	1.12
China	Aug	0.26	17.02	1.00	17.60	0.09	0.60
	Sep	0.26	17.02	1.00	17.60	0.09	0.60
India	Aug	0.15	1.80	3.70	5.47	0.02	0.17
	Sep	0.15	1.80	3.70	5.47	0.02	0.17
North Africa 5/	Aug	0.27	1.13	1.61	2.62	0.11	0.29
	Sep	0.22	1.13	1.61	2.59	0.11	0.26

1/ Data based on local marketing years except for Argentina and Brazil which are adjusted to an October-September year. 2/ World imports and exports may not balance due to differences in local marketing years and to time lags between reported exports and imports. Therefore, world supply may not equal world use. 3/ Argentina, Brazil and European Union. 4/ China, India, 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	III	6,979	6,530	13,554	11,581	1,403	13,125	26,679	2,299	55.8	
	IV	7,106	7,185	14,341	11,193	1,366	12,689	27,030	2,371	55.4	
	Annual	27,948	27,675	55,815	44,899	5,558	50,995	106,810	9,238	226.3	
2022	I	7,022	6,904	13,972	11,170	1,374	12,678	26,650	2,295	56.3	
	II	7,069	6,639	13,755	11,279	1,275	12,698	26,453	2,207	57.8	
	III*	7,125	6,515	13,687	11,625	1,250	13,015	26,702	2,250	56.2	
	IV*	6,790	7,075	13,914	11,400	1,315	12,840	26,754	2,340	56.1	
	Annual										
	Aug Proj. Sep Proj.	27,990 28,006	27,078 27,133	55,258 55,327	45,363 45,474	5,314 5,214	51,219 51,231	106,476 106,557	9,067 9,092	226.8 226.5	
2023	I*	6,695	7,000	13,740	11,300	1,375	12,805	26,545	2,335	57.0	
	II*	6,505	6,545	13,095	11,450	1,410	12,995	26,090	2,375	58.3	
	Annual										
	Aug Proj. Sep Proj.	26,265 26,335	27,520 27,520	53,968 54,038	45,675 45,900	5,640 5,630	51,835 52,050	105,803 106,088	9,495 9,545	229.2 228.8	

* 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	III	123.51	76.15	105.4	129.7	120.1	17.90
	IV	132.36	56.36	110.9	133.4	131.8	20.67
	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*	143.00	79.00	136.0	166.0	267.0	24.85
	IV*	147.00	65.00	135.0	164.0	202.0	24.95
	Annual						
	Aug Proj. Sep Proj.	142.1 142.8	73.8 71.3	146.1 143.4	151.3 151.3	211.9 222.9	25.20 25.45
2023	I*	151.00	66.00	140.0	150.0	170.0	23.45
	II*	152.00	74.00	143.0	149.0	145.0	22.60
	Annual						
	Aug Proj. Sep Proj.	154 154	70 70	146 140	146 148	151 153	22.50 22.70

*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/						
<i>Million Pounds /4</i>									
Beef	2021	716	28,016	3,346	32,078	3,441	676	27,962	58.9
	2022 Proj. Aug	676	28,058	3,459	32,192	3,561	730	27,902	58.6
	Sep	676	28,074	3,414	32,163	3,561	735	27,867	58.6
	2023 Proj. Aug	730	26,333	3,200	30,263	3,020	640	26,603	55.7
	Sep	735	26,403	3,200	30,338	3,020	640	26,678	55.8
Pork	2021	467	27,690	1,180	29,337	7,026	446	21,865	51.1
	2022 Proj. Aug	446	27,093	1,547	29,086	6,574	565	21,946	51.1
	Sep	446	27,147	1,497	29,090	6,494	575	22,021	51.3
	2023 Proj. Aug	565	27,535	1,625	29,725	6,515	610	22,600	52.4
	Sep	575	27,535	1,525	29,635	6,515	610	22,510	52.2
Total Red Meat 5/	2021	1,217	55,906	4,890	62,014	10,470	1,147	50,397	111.5
	2022 Proj. Aug	1,147	55,349	5,367	61,863	10,139	1,322	50,402	111.2
	Sep	1,147	55,418	5,273	61,838	10,060	1,336	50,443	111.3
	2023 Proj. Aug	1,322	54,060	5,190	60,571	9,539	1,277	49,755	109.6
	Sep	1,336	54,130	5,090	60,556	9,539	1,277	49,740	109.5
Broiler	2021	830	44,419	155	45,403	7,355	705	37,343	96.6
	2022 Proj. Aug	705	44,878	180	45,762	7,258	760	37,744	97.3
	Sep	705	44,987	180	45,872	7,168	800	37,904	97.7
	2023 Proj. Aug	760	45,186	152	46,098	7,370	750	37,978	97.6
	Sep	800	45,409	152	46,361	7,370	770	38,221	98.2
Turkey	2021	223	5,558	22	5,804	548	166	5,090	15.3
	2022 Proj. Aug	166	5,314	55	5,535	406	170	4,959	14.9
	Sep	166	5,214	65	5,445	406	165	4,874	14.6
	2023 Proj. Aug	170	5,640	34	5,844	410	170	5,264	15.7
	Sep	165	5,630	34	5,829	410	170	5,249	15.7
Total Poultry 6/	2021	1,057	50,514	180	51,751	7,947	874	42,930	113.4
	2022 Proj. Aug	874	50,733	240	51,847	7,705	934	43,209	113.7
	Sep	874	50,744	250	51,868	7,607	969	43,293	113.9
	2023 Proj. Aug	934	51,346	189	52,469	7,820	924	43,725	114.7
	Sep	969	51,558	189	52,717	7,816	944	43,957	115.3
Red Meat & Poultry	2021	2,274	106,420	5,070	113,765	18,418	2,021	93,327	224.9
	2022 Proj. Aug	2,021	106,082	5,607	113,711	17,844	2,256	93,611	224.9
	Sep	2,021	106,162	5,523	113,707	17,666	2,305	93,735	225.2
	2023 Proj. Aug	2,256	105,406	5,379	113,040	17,359	2,201	93,480	224.3
	Sep	2,305	105,688	5,279	113,272	17,355	2,221	93,696	224.9

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

	2020	2021	2022 Proj. Aug	2022 Proj. Sep	2023 Proj. Aug	2023 Proj. Sep
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	31.6	24.5	19.1	19.1	19.0	19.0
Production	9,291.8	9,237.8	9,067.4	9,091.7	9,495.0	9,545.0
Imports	15.5	18.2	22.0	22.0	18.5	18.5
Total Supply	9,338.9	9,280.5	9,108.5	9,132.8	9,532.5	9,582.5
Use						
Exports	344.0	392.2	242.8	217.8	300.0	265.0
Hatching Use	1,078.5	1,103.9	1,120.5	1,125.5	1,140.0	1,140.0
Ending Stocks	24.5	19.1	19.0	19.0	21.0	21.0
Disappearance						
Total	7,891.8	7,765.3	7,726.3	7,770.5	8,071.5	8,156.5
Per Capita (number)	285.5	280.5	278.3	279.9	289.7	292.7

U.S. Milk Supply and Use

	2020	2021	2022 Proj. Aug	2022 Proj. Sep	2023 Proj. Aug	2023 Proj. Sep
Milk	<i>Billion Pounds</i>					
Production						
Farm Use	1.1	1.0	1.1	1.1	1.1	1.1
Fat Basis Supply						
Beginning Stocks	13.6	15.6	14.3	14.3	13.0	13.3
Marketings	222.2	225.2	225.7	225.4	228.1	227.7
Imports	6.8	6.5	7.0	7.1	6.8	7.0
Total Supply	242.6	247.4	247.0	246.8	248.0	248.1
Fat Basis Use						
Exports	9.3	11.5	12.9	13.2	11.7	12.4
Ending Stocks	15.6	14.3	13.0	13.3	14.3	14.5
Domestic Use	217.8	221.5	221.1	220.3	222.1	221.2
Skim-solid Basis Supply						
Beginning Stocks	10.2	10.9	11.1	11.1	11.5	11.5
Marketings	222.2	225.2	225.7	225.4	228.1	227.7
Imports	5.6	5.8	6.1	6.2	5.9	6.1
Total Supply	238.0	241.9	242.9	242.6	245.5	245.3
Skim-solid Basis Use						
Exports	47.2	50.8	51.3	52.1	51.2	51.8
Ending Stocks	10.9	11.1	11.5	11.5	12.1	12.1
Domestic Use	179.9	180.0	180.0	179.0	182.2	181.4

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 Proj. Aug	2022 Proj. Sep	2023 Proj. Aug	2023 Proj. Sep
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.9236	1.6755	2.075	2.075	1.975	1.970
Butter	1.5808	1.7325	2.785	2.850	2.375	2.385
Nonfat Dry Milk	1.0417	1.2693	1.665	1.690	1.450	1.505
Dry Whey	0.3621	0.5744	0.610	0.610	0.485	0.485
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	18.16	17.08	21.60	21.65	19.70	19.70
Class IV	13.49	16.09	23.95	24.45	20.35	20.85
All Milk 3/	18.13	18.53	25.20	25.45	22.50	22.70

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 September Projections 1/

Note: Tables on pages 35-37 present a record of the September 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 1.9 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 3.2 percent. The average difference between the September projection and the final estimate is 8.5 million tons, ranging from 0.9 million to 30.7 million tons. The September projection has been below the estimate 26 times and above 15 times.

	Root mean square error	90 percent confidence interval	Differences between forecast and final estimate				
			Average	Smallest	Largest	Years	
						Below Final	Above Final
WHEAT	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	1.9	3.2	8.5	0.9	30.7	26	15
U.S.	1.9	3.2	0.9	0.0	2.5	16	25
Foreign	2.2	3.6	8.5	0.2	30.9	29	12
Exports							
World	5.8	9.8	6.5	0.3	22.0	32	9
U.S.	10.1	17.0	2.5	0.2	10.0	18	23
Foreign	7.2	12.1	6.2	0.2	21.4	31	10
Domestic Use							
World	1.7	2.9	7.7	0.2	33.8	23	18
U.S.	7.3	12.2	1.9	0.0	5.5	13	28
Foreign	1.8	3.0	7.7	0.1	33.6	27	14
Ending Stocks							
World	8.0	13.5	10.4	1.5	30.5	31	10
U.S.	14.1	23.8	2.7	0.5	12.4	24	17
Foreign	8.8	14.8	9.2	0.5	28.3	30	11
COARSE GRAINS 2/							
Production							
World	2.2	3.6	17.6	0.2	50.6	31	10
U.S.	4.1	7.0	7.9	0.2	26.0	26	15
Foreign	2.5	4.2	15.7	1.0	59.9	30	11
Exports							
World	6.9	11.6	6.6	0.1	25.2	29	12
U.S.	19.2	32.4	7.3	0.4	19.1	17	24
Foreign	13.3	22.4	7.8	0.7	20.9	27	14
Domestic Use							
World	1.5	2.6	11.7	0.4	39.0	23	18
U.S.	3.6	6.1	6.3	0.1	15.8	25	16
Foreign	1.7	2.9	10.6	0.4	37.8	26	15
Ending Stocks							
World	14.0	23.5	19.5	1.7	170.3	31	10
U.S.	28.9	48.7	8.9	0.1	35.8	18	23
Foreign	16.0	27.0	15.2	0.7	155.3	34	7
RICE, milled							
Production							
World	2.2	3.8	6.2	0.4	24.1	32	9
U.S.	4.3	7.2	0.2	0.0	0.5	23	17
Foreign	2.3	3.9	6.3	0.3	24.4	32	9
Exports							
World	9.2	15.5	1.9	0.1	6.8	29	12
U.S.	11.1	18.7	0.2	0.0	0.9	19	20
Foreign	10.3	17.3	1.9	0.1	6.8	29	12
Domestic Use							
World	1.8	3.0	4.3	0.4	22.7	32	9
U.S.	6.8	11.4	0.2	0.0	0.5	20	20
Foreign	1.8	3.1	4.3	0.2	23.1	32	9
Ending Stocks							
World	12.1	20.3	6.4	0.5	26.9	34	7
U.S.	22.3	37.5	0.2	0.0	0.9	22	19
Foreign	13.1	22.1	6.4	0.2	26.7	34	7

1/ Footnotes at end of table.

CONTINUED

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Reliability of September 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	4.7	7.9	7.7	0.4	31.7	23	18
U.S.	5.0	8.3	3.0	0.2	10.4	22	19
Foreign	7.6	12.8	7.1	0.9	33.3	18	23
Exports							
World	7.5	12.6	4.2	0.2	19.9	26	15
U.S.	12.1	20.4	3.0	0.1	9.8	25	16
Foreign	17.6	29.7	3.7	0.0	21.8	18	23
Domestic Use							
World	3.3	5.5	4.9	0.0	15.3	24	17
U.S.	4.4	7.4	1.6	0.1	4.5	26	15
Foreign	4.0	6.8	4.7	0.0	16.0	24	17
Ending Stocks							
World	17.3	29.1	5.3	0.2	24.8	22	19
U.S.	47.2	79.5	2.3	0.1	8.2	13	28
Foreign	19.3	32.4	4.9	0.0	24.7	24	16
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	4.6	7.8	3.2	0.1	12.6	23	18
U.S.	6.7	11.3	0.9	0.0	2.5	19	21
Foreign	5.2	8.7	2.8	0.0	11.3	25	16
Exports							
World	9.3	15.7	2.4	0.0	10.1	24	17
U.S.	20.2	34.0	1.2	0.1	3.4	22	19
Foreign	12.0	20.2	1.9	0.1	8.8	22	19
Domestic Use							
World	5.0	8.3	3.5	0.1	19.3	16	25
U.S.	10.0	16.9	0.4	0.0	1.3	18	21
Foreign	5.0	8.4	3.4	0.0	18.5	17	23
Ending Stocks							
World	14.1	23.8	5.7	0.2	16.8	27	14
U.S.	39.7	66.9	1.3	0.0	5.1	16	24
Foreign	14.5	24.4	5.2	0.2	16.8	27	14

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 September Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final
CORN	<i>Percent</i>		<i>Million Bushels</i>				
Production	4.3	7.3	296	15	885	26	15
Exports	20.0	33.7	263	25	725	17	24
Domestic Use	3.9	6.6	244	0	575	25	15
Ending Stocks	32.2	54.2	336	2	1,386	18	23
SORGHUM							
Production	6.0	10.0	23	0	81	17	23
Exports	31.4	52.9	41	0	150	21	19
Domestic Use	25.1	42.3	38	0	120	20	19
Ending Stocks	48.8	82.2	31	1	155	13	28
BARLEY							
Production	5.1	8.5	11	1	36	16	25
Exports	64.2	108.1	12	0	82	17	19
Domestic Use	10.1	17.1	22	0	72	14	25
Ending Stocks	18.1	30.5	18	0	70	19	21
OATS							
Production	9.5	16.0	11	0	44	6	33
Exports	94.4	158.9	1	0	8	12	14
Domestic Use	6.6	11.0	13	0	39	11	29
Ending Stocks	22.6	38.1	14	0	47	20	20
SOYBEAN MEAL	<i>Thousand Short Tons</i>						
Production	4.2	7.1	1,270	93	4,200	27	14
Exports	14.0	23.6	869	34	4,100	23	18
Domestic Use	3.6	6.1	792	26	3,200	25	16
Ending Stocks	38.8	65.3	53	0	368	15	15
SOYBEAN OIL	<i>Million Pounds</i>						
Production	4.5	7.5	602	26	2,635	26	15
Exports	34.7	58.4	455	0	1,675	22	18
Domestic Use	4.2	7.0	508	86	2,150	26	15
Ending Stocks	30.1	50.7	434	60	1,357	23	18
ANIMAL PROD.	<i>Million Pounds</i>						
Beef	4.0	6.8	803	32	2,486	28	12
Pork	3.0	5.0	413	5	1,356	22	18
Broilers	2.0	3.4	496	23	1,379	24	16
Turkeys	3.9	6.6	152	2	444	21	19
	<i>Million Dozen</i>						
Eggs	2.0	3.4	117	4	414	25	15
	<i>Billion Pounds</i>						
Milk	1.7	2.8	2.1	0.1	7.2	22	18

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-628 – September 12, 2022

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