

# World Agricultural Supply and Demand Estimates

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**WHEAT:** The outlook for 2022/23 U.S. wheat this month is for larger supplies, domestic use, exports, and ending stocks. Supplies are raised on increased production, which is up 44 million bushels to 1,781 million, on an increase in harvested area and higher yields. The first 2022 survey-based production forecast for other spring and Durum indicated a large increase from last year's drought-reduced output at 503 million and 77 million bushels, respectively. Winter wheat production is also forecast higher at 1,201 million bushels on an increase in harvested area. The 2022/23 export forecast is raised 25 million bushels to 800 million as the recent decline in U.S. prices makes exports more competitive in international markets. The projected season-average farm price (SAFP) is lowered \$0.25 per bushel to \$10.50 on declines in futures and cash prices.

The 2022/23 global wheat outlook is for fewer supplies, reduced consumption, higher exports, and increased stocks. Supplies are reduced 1.1 million tons to 1,051.7 million as less production is partially offset by larger beginning stocks. Production is revised lower for the EU, Ukraine, and Argentina, which is only partially offset by upward revisions for Canada, the United States, and Russia. EU production is lowered 2.0 million tons to 134.1 million, as ongoing dry weather lowered yield prospects primarily in Spain, Italy, and Germany. Ukraine production is lowered 2.0 million tons to 19.5 million on a reduction in harvested area, as indicated by government statistics. Production in Canada is increased 1.0 million tons to 34.0 million on the Statistics Canada *Principal Field Crop Areas* survey showing higher planted area than intentions. Projected 2022/23 global trade is raised 0.9 million tons to 205.5 million as higher exports from Canada and the United States are only partially offset by lower exports from Argentina and the EU. World consumption is lowered 1.8 million tons to 784.2 million, primarily on reduced feed and residual use in the EU and Ukraine. Projected 2022/23 world ending stocks are raised 0.7 million tons to 267.5 million but remain the lowest since 2016/17.

**COARSE GRAINS:** This month's 2022/23 U.S. corn outlook is for larger supplies and higher ending stocks. Corn beginning stocks are raised 25 million bushels, based on reduced feed and residual use for 2021/22 as indicated in the June 30 *Grain Stocks* report. Corn production for 2022/23 is forecast 45 million bushels higher based on greater planted and harvested area from the June 30 *Acreage* report. The yield is unchanged at 177.0 bushels per acre. With no use changes, ending stocks are up 70 million bushels. The season-average farm price received by producers is lowered 10 cents to \$6.65 per bushel.

This month's 2022/23 foreign coarse grain outlook is for lower production and use, and larger stocks relative to last month. Foreign corn production is down, with reductions for Russia, the EU, and Kenya partially offset by an increase for Paraguay. Russia corn production is lowered reflecting a cut in area. EU corn production is reduced with a forecast decline for Italy. For 2021/22, corn production is raised for Paraguay with increases to both area and yield. Foreign barley production for 2022/23 is lowered with reductions for Canada and the EU.

Major global trade changes for 2022/23 include larger corn exports for Paraguay with a reduction for Russia. Corn imports are raised for Zimbabwe. Barley exports are lowered for Canada and

the EU. Foreign corn ending stocks are up marginally relative to last month. Global corn stocks, at 313.0 million tons, are up 2.5 million tons relative to last month.

**RICE:** The outlook for 2022/23 U.S. rice this month is for slightly larger supplies, higher domestic use, lower exports, and larger ending stocks. Supplies are raised slightly as increased beginning stocks and imports more than offset lower production. Beginning stocks are higher on increased imports and lower exports for 2021/22. All rice production for the 2022 crop is reduced 8.2 million cwt to 174.5 million with most of the reduction in medium- and short-grain. The NASS *Acreage* report showed California, the leading medium- and short-grain producing state, with the lowest rice acreage since 1958 on limited water allocations. All rice imports are raised to a record 43.0 million cwt on reduced domestic supplies of medium- and short-grain and on the trend of higher Asian aromatic long-grain imports expected to continue. Domestic and residual use is raised to 145.0 million cwt due to record imports. All rice exports are reduced 3.0 million cwt to 79.0 million on reduced supplies of U.S. grown rice. Projected 2022/23 ending stocks are raised to 35.5 million cwt but are still down 16 percent from last year. The season-average farm price (SAFP) for all rice is raised \$0.40 per cwt to a record \$18.20, all on a higher California medium- and short-grain SAFP.

The 2022/23 global outlook is for lower supplies, consumption, and stocks with higher trade. Supplies are reduced 1.3 million tons to 701.4 million primarily on lower beginning stocks for India and Pakistan and reduced production from the EU and United States. EU production is forecast at the lowest level since 1995/96 on severe drought conditions in Italy and Spain, the two largest rice producing countries in the EU. World 2022/23 consumption is reduced by 0.6 million tons to 518.6 million, still a record. Global 2022/23 trade is raised 0.4 million tons to 54.6 million on higher exports by Pakistan and Cambodia. Projected 2022/23 world ending stocks are reduced by 0.7 million tons to 182.8 million, primarily on reductions for India and Pakistan.

**OILSEEDS:** U.S. oilseed production for 2022/23 is projected at 132.7 million tons, down 3.9 million from last month with reductions for soybeans, canola, peanuts, and cottonseed partly offset by an increase for sunflowerseed. Soybean production is projected at 4.5 billion bushels, down 135 million on lower harvested area. Harvested area, forecast at 87.5 million acres in the June 30 *Acreage* report, is down 2.6 million from last month. The soybean yield forecast is unchanged at 51.5 bushels per acre. With lower production partly offset by higher beginning stocks, 2022/23 soybean supplies are reduced 125 million bushels. Soybean crush is reduced 10 million bushels reflecting a lower soybean meal export forecast. Soybean exports are reduced 65 million bushels to 2.14 billion on lower U.S. supplies, increased South American supplies, and lower global imports. With lower supplies only partly offset by reduced use, ending stocks for 2022/23 are projected at 230 million bushels, down 50 million from last month.

The U.S. season-average soybean price for 2022/23 is forecast at \$14.40 per bushel, down \$0.30 from last month. The soybean meal price is projected at \$390.00 per short ton, down \$10.00. The soybean oil price forecast of 69.0 cents per pound is down 1 cent.

The 2022/23 global oilseed supply and demand forecasts include lower production, lower exports, higher crush, and lower ending stocks compared to last month. Global oilseed production is reduced 3.7 million tons to 643.1 million on lower soybean, rapeseed, cottonseed, and peanut production with higher sunflowerseed production partly offsetting. Soybean production is lowered for Canada based on the latest plantings report from Statistics Canada. European Union rapeseed production is lowered 0.4 million tons to 17.9 million based on continued dry conditions especially in France and Germany. Russian sunflowerseed production

is increased 1.0 million tons to 15.5 million, mainly on higher area shown in government planting progress reports.

The 2022/23 global soybean ending stocks are reduced slightly to 99.6 million tons as higher stocks for Argentina are more than offset by lower stocks for the United States, Brazil, and China. Notable changes for 2021/22 include reduced soybean crush and imports for China, and increased soybean production, imports, crush, and ending stocks for Argentina.

**SUGAR:** Estimated U.S. ending sugar stocks for 2021/22 are increased 64,410 short tons, raw value (STRV) to 1,781,774, as an increase in supply is only partially offset by an increase in use. USDA estimates imports to increase by 217,197 STRV. On July 1, the Department of Commerce increased the 2021/22 Mexico export limit by 135,000 STRV. This is counted as “Additional U.S. Needs Sugar” that has a polarity of less than 99.5 degrees, meaning that it is considered as raw sugar. All of this sugar is projected to enter in 2021/22. Last week USDA increased the 2021/22 raw sugar TRQ by 99,999 STRV and also extended the period for this sugar to enter the United States until the end of October. Although USTR has not yet allocated the TRQ to supplying countries, USDA projects that 38,270 STRV will enter in September for 2021/22 and 55,115 will enter in October for 2022/23 with the remainder adding to the raw sugar TRQ shortfall. USDA increased its estimate of high-tier tariff imports by 43,927 STRV to 278,436 on additional high-duty raw sugar entering in June and on an increase in the expected pace of high-duty refined sugar entering for the remainder of the year. Other than imports, supply is slightly decreased by a reduction in Florida cane sugar production only partially offset by a small increase in beet sugar production as reported by processors.

A partial offset to the supply increase comes from a 150,000 STRV increase in deliveries for human consumption to 12,600,000. The delivery pace for the first 8 months of the fiscal year is up 3.9 percent compared with the same period average for the 5 preceding years. The strong pace of deliveries is expected to continue into 2022/23 for a period of time and is presently projected to add 75,000 STRV to bring the total up to 12,525,000.

Projected beet sugar production in 2022/23 is increased by 124,335 STRV to 4,933,728 based on the 3.1 percent increase in NASS estimated planted area in the June 30 *Acreage* report over that indicated in *Prospective Plantings* at the end of March. Most notably, area planted in the Upper Midwest is estimated 7.4 percent higher than in *Prospective Plantings* as additional area was planted to compensate for expected low yields due to delays in planting in May. Sugarbeet harvested area is projected at 1,146,100 acres, up 3.5 percent over last year. Yield and recovery parameters, as well as August-September production (500,000 STRV), are unchanged from last month.

Imports for 2022/23 are projected at 3,501,025 STRV, an increase of 487,829 over last month. As indicated above, some of the increase is due to additional raw sugar entering in October from the increase in the 2021/22 raw sugar TRQ. Sugar entering under the 2022/23 TRQs is still projected at the minimum levels with the WTO and FTA bindings and with a raw sugar TRQ shortfall projected at 99,208 STRV. To date there has been no announcement regarding additional specialty TRQ sugar. Given these aforementioned 2022/23 projections and under the terms of the AD/CVD Suspension Agreements, sugar imported from Mexico would be expected to be projected at a level resulting in an ending U.S. stocks-to-use ratio of 13.5 percent assuming sufficient Mexican sugar for export after meeting domestic requirements in Mexico. Because USDA is not making any changes to Mexico supply and use projections for 2022/23 at this time, the implied maximum sugar available for export to the U.S. is projected at 1,756,180 STRV. This

is less than the 1,900,775 STRV needed to a result in ending stocks of 1,709,775 for a 13.5 percent stocks-to-use ratio.

**LIVESTOCK, POULTRY, AND DAIRY:** The forecast for 2022 red meat and poultry production is lowered slightly from last month as lower pork and broiler is partly offset by higher beef and turkey forecasts. Pork production is lowered on a slower-than-expected pace of slaughter in June and lower expected second-half carcass weights. Broiler production is lowered on second quarter slaughter data but is partly offset by higher expected production in the third quarter. Beef production is raised for the second half with lower expected carcass weights and lower third-quarter slaughter more than offset by higher fourth-quarter slaughter. Turkey production is forecast higher based on hatchery data. Egg production is raised from last month based on recent production data.

For 2023, the red meat and poultry production forecast is raised. Pork production is raised based on 2022 second-half farrowing intentions reported in USDA's *Quarterly Hogs and Pigs* report, and expectations that farrowings in the first half of 2023 will be modestly higher. The beef forecast is lowered slightly on lower expected carcass weights in early 2023. USDA's *Cattle* report, scheduled for July 22, will provide an indication of producer intentions for heifer retention and the 2022 calf crop. Broiler, turkey, and egg forecasts are unchanged from last month.

Beef import forecasts for 2022 and 2023 are unchanged from last month while the export forecasts are raised for both years on firm international demand. Pork import forecasts are raised for both 2022 and 2023 on the current pace of trade and firm U.S. demand. Exports are reduced for 2022 but expected strength in foreign demand early in 2023 supports a slight increase in exports for that year. Broiler and turkey exports for 2022 are raised on recent data; no changes are made to 2023 forecasts.

Cattle price forecasts for 2022 are raised on reported second quarter prices and expected strength of packer demand in the third quarter; forecasts for 2023 prices are unchanged. The 2022 hog price forecast is raised on second-quarter prices, but no changes are made to second-half forecasts. For 2023, hog prices are lowered on the higher production forecast. The broiler price forecast for 2022 is lowered on current price data; no change is made to the 2023 broiler price forecast. Turkey price forecasts for 2022 and 2023 are raised on current prices and expectations of continued demand strength. The 2022 and 2023 egg price forecasts are raised on current price strength.

Milk production forecasts for 2022 and 2023 are lowered from last month due to slower expected growth in milk per cow. USDA's *Cattle* report, to be released July 22, will provide a mid-year estimate of the dairy cow inventory and producer intentions regarding retention of heifers for dairy cow replacement.

Imports on a fat basis are raised for 2022 on stronger expected imports of butterfat containing products and several other dairy products, but imports on a skim solids-basis are unchanged. No changes are made to the 2023 import forecasts of fats and skim-solids. Exports on both a skim-solids and a fat basis are also raised for 2022, reflecting stronger expected exports of butter, cheese, whey, skim milk powder, and lactose. The forecast for 2023 fat-basis exports is unchanged from last month but is raised on a skim solids-basis with expectations of higher skim milk powder exports carrying into 2023.

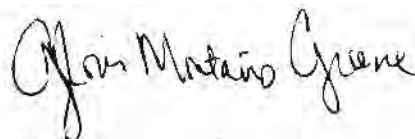
The 2022 butter price forecast is raised from last month on firm demand, and the cheese price forecast is lowered on continued large stocks. The forecasts for nonfat dry milk (NDM) and whey prices are unchanged. With a lower cheese price, the Class III price is lowered while the Class IV price is raised due to higher butter prices. The all milk price for 2022 is lowered to \$26.15 per cwt. For 2023, forecasts for cheese, butter, and NDM are raised on expected lower production, but the price forecast for whey is lowered on expected weaker international prices. With higher cheese, butter prices, and NDM prices, the Class III and Class IV price forecasts are raised. The 2023 all milk price forecast is raised to \$24.15 per cwt.

**COTTON:** The U.S. 2022/23 cotton projections show lower production, exports, and ending stocks compared with last month. While the June 30 *Acreage* report shows nearly 250,000 additional acres planted than in the previous NASS survey, harvested area is forecast nearly 600,000 acres lower this month. Continued below-average precipitation—primarily in Texas—means abandonment is projected higher this month, nearly 4 times the previous year's level. U.S. production is projected 1 million bales lower than in June, at 15.5 million. U.S. exports are also projected lower, down 500,000 bales to 14.0 million reflecting both lower U.S. production and a reduction in world trade. At 2.4 million bales, 2022/23 U.S. ending stocks are now expected to be 1 million bales lower than in 2021/22.

For the global 2022/23 cotton balance sheet, ending stocks are higher than projected in June, despite a 1.2 million bale cut to expected production. Beginning stocks are higher, as 2021/22 consumption is cut nearly 2.0 million bales and projected consumption in 2022/23 is also reduced by 1.6 million. While China accounts for half of the month-to-month decline in 2021/22 consumption, the change in 2022/23 consumption is spread over 4 major consumers: China, India, Bangladesh, and Vietnam. Brazil is the only country besides the United States to have its 2022/23 production reduced. World trade is cut 1.1 million bales, with reduced imports by China, Bangladesh, and Vietnam. Brazil's exports are 500,000 bales lower, partly reflecting lower expected production there in 2021/22. Global ending stocks are projected 1.5 million bales higher than in June, and about equal to the 2021/22 level.

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**In 2022 the WASDE report will be released on Aug 12, Sep 12, Oct 12, Nov 9, and Dec 9.**

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

<b>World</b>			<b>Output</b>	<b>Total Supply</b>	<b>Trade 2/</b>	<b>Total Use 3/</b>	<b>Ending Stocks</b>
Total Grains 4/	2020/21		2724.09	3541.90	488.11	2739.56	802.34
	2021/22 (Est.)		2796.23	3598.52	501.76	2793.42	805.10
	2022/23 (Proj.)	Jun	2767.97	3570.98	486.34	2785.00	785.98
		Jul	2763.60	3568.69	486.74	2780.51	788.19
Wheat	2020/21		775.71	1073.92	203.34	782.30	291.63
	2021/22 (Est.)		779.03	1070.61	200.07	790.51	280.10
	2022/23 (Proj.)	Jun	773.43	1052.83	204.59	785.99	266.85
		Jul	771.64	1051.74	205.47	784.22	267.52
Coarse Grains 5/	2020/21		1439.10	1776.53	233.84	1453.71	322.81
	2021/22 (Est.)		1503.64	1826.45	247.54	1488.10	338.36
	2022/23 (Proj.)	Jun	1479.19	1815.49	227.56	1479.80	335.69
		Jul	1477.20	1815.56	226.66	1477.65	337.91
Rice, milled	2020/21		509.29	691.46	50.93	503.55	187.90
	2021/22 (Est.)		513.56	701.46	54.14	514.82	186.64
	2022/23 (Proj.)	Jun	515.35	702.65	54.20	519.22	183.44
		Jul	514.76	701.40	54.61	518.63	182.76
<b>United States</b>							
Total Grains 4/	2020/21		429.86	516.87	107.45	351.02	58.40
	2021/22 (Est.)		449.59	514.41	94.34	359.67	60.40
	2022/23 (Proj.)	Jun	435.17	501.71	92.08	353.00	56.63
		Jul	436.77	504.25	92.67	353.20	58.38
Wheat	2020/21		49.75	80.46	26.99	30.48	23.00
	2021/22 (Est.)		44.79	70.38	21.88	30.53	17.96
	2022/23 (Proj.)	Jun	47.26	68.35	21.09	30.21	17.05
		Jul	48.47	69.42	21.77	30.26	17.39
Coarse Grains 5/	2020/21		372.89	427.19	77.48	315.70	34.01
	2021/22 (Est.)		398.71	435.33	69.80	324.42	41.11
	2022/23 (Proj.)	Jun	382.10	425.13	68.39	318.25	38.50
		Jul	382.76	426.59	68.39	318.33	39.87
Rice, milled	2020/21		7.22	9.22	2.98	4.85	1.39
	2021/22 (Est.)		6.09	8.70	2.65	4.72	1.33
	2022/23 (Proj.)	Jun	5.80	8.23	2.60	4.54	1.09
		Jul	5.54	8.24	2.51	4.60	1.13

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



## WASDE - 626 - 9

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

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks
Total Grains 4/	2020/21	2,294.23	3,025.03	380.67	2,388.54	743.94
	2021/22 (Est.)	2,346.64	3,084.10	407.42	2,433.75	744.69
	2022/23 (Proj.) Jun	2,332.80	3,069.27	394.26	2,432.01	729.35
	Jul	2,326.83	3,064.44	394.07	2,427.30	729.81
Wheat	2020/21	725.96	993.46	176.36	751.82	268.62
	2021/22 (Est.)	734.24	1,000.23	178.19	759.97	262.14
	2022/23 (Proj.) Jun	726.17	984.48	183.49	755.78	249.80
	Jul	723.17	982.32	183.69	753.95	250.13
Coarse Grains 5/	2020/21	1,066.21	1,349.33	156.36	1,138.01	288.80
	2021/22 (Est.)	1,104.93	1,391.12	177.74	1,163.67	297.25
	2022/23 (Proj.) Jun	1,097.09	1,390.36	159.17	1,161.55	297.20
	Jul	1,094.44	1,388.97	158.27	1,159.32	298.04
Rice, milled	2020/21	502.06	682.24	47.95	498.71	186.51
	2021/22 (Est.)	507.47	692.76	51.49	510.10	185.31
	2022/23 (Proj.) Jun	509.55	694.42	51.60	514.67	182.35
	Jul	509.22	693.16	52.11	514.03	181.64

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	111.48	209.13	48.50	121.69	88.07
	2021/22 (Est.)	116.22	204.29	43.93	119.79	84.04
	2022/23 (Proj.) Jun	121.27	204.21	47.48	121.54	82.77
	Jul	120.07	204.10	46.38	119.92	84.26
United States	2020/21	14.61	21.86	16.35	2.40	3.15
	2021/22 (Est.)	17.52	20.68	14.75	2.55	3.40
	2022/23 (Proj.) Jun	16.50	19.91	14.50	2.50	2.90
	Jul	15.50	18.91	14.00	2.50	2.40
Foreign 4/	2020/21	96.87	187.27	32.14	119.29	84.92
	2021/22 (Est.)	98.69	183.61	29.18	117.24	80.64
	2022/23 (Proj.) Jun	104.77	184.31	32.98	119.04	79.87
	Jul	104.57	185.20	32.38	117.42	81.86

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

## WASDE - 626 - 10

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

<b>World</b>			<b>Output</b>	<b>Total Supply</b>	<b>Trade</b>	<b>Total Use 2/</b>	<b>Ending Stocks</b>
Oilseeds	2020/21		606.44	718.50	191.45	507.89	115.00
	2021/22 (Est.)		600.33	715.33	177.74	510.24	107.63
	2022/23 (Proj.)	Jun	646.82	751.71	196.95	528.30	119.95
		Jul	643.07	750.70	195.37	529.42	118.51
Oilmeals	2020/21		348.14	368.24	96.87	343.96	18.48
	2021/22 (Est.)		349.05	367.53	95.37	344.10	17.87
	2022/23 (Proj.)	Jun	362.24	379.91	97.18	355.27	18.72
		Jul	362.74	380.61	97.36	355.83	18.56
Vegetable Oils	2020/21		206.51	235.79	85.33	204.90	27.67
	2021/22 (Est.)		210.98	238.66	81.08	206.89	27.71
	2022/23 (Proj.)	Jun	217.72	245.37	88.04	212.26	29.12
		Jul	218.21	245.91	87.92	212.12	29.55
<b>United States</b>							
Oilseeds	2020/21		124.52	141.69	62.64	62.66	8.64
	2021/22 (Est.)		130.54	140.32	60.04	63.89	7.52
	2022/23 (Proj.)	Jun	136.60	144.97	60.89	65.76	9.32
		Jul	132.67	141.38	59.05	65.51	7.91
Oilmeals	2020/21		48.25	53.01	12.71	39.92	0.39
	2021/22 (Est.)		49.11	53.13	12.63	40.06	0.44
	2022/23 (Proj.)	Jun	50.64	54.92	13.30	41.08	0.54
		Jul	50.46	54.73	12.93	41.26	0.54
Vegetable Oils	2020/21		12.70	18.86	1.04	16.53	1.29
	2021/22 (Est.)		13.05	19.64	1.06	17.36	1.22
	2022/23 (Proj.)	Jun	13.43	20.09	0.87	18.07	1.15
		Jul	13.39	20.08	0.87	18.09	1.12
<b>Foreign 3/</b>							
Oilseeds	2020/21		481.92	576.81	128.81	445.24	106.37
	2021/22 (Est.)		469.79	575.01	117.70	446.35	100.11
	2022/23 (Proj.)	Jun	510.22	606.74	136.06	462.54	110.63
		Jul	510.40	609.31	136.32	463.91	110.60
Oilmeals	2020/21		299.90	315.23	84.16	304.04	18.09
	2021/22 (Est.)		299.94	314.40	82.74	304.04	17.43
	2022/23 (Proj.)	Jun	311.60	325.00	83.88	314.19	18.18
		Jul	312.28	325.88	84.43	314.57	18.02
Vegetable Oils	2020/21		193.80	216.93	84.29	188.37	26.38
	2021/22 (Est.)		197.93	219.01	80.03	189.52	26.48
	2022/23 (Proj.)	Jun	204.30	225.28	87.17	194.19	27.97
		Jul	204.82	225.84	87.04	194.04	28.43

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

## WASDE - 626 - 11

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

	2020/21	2021/22 Est.	2022/23 Proj. Jun	2022/23 Proj. Jul
			<i>Million Acres</i>	
Area Planted	44.5	46.7	47.4 *	47.1
Area Harvested	36.8	37.2	37.1 *	37.6
			<i>Bushels</i>	
Yield per Harvested Acre	49.7	44.3	46.9 *	47.3
			<i>Million Bushels</i>	
Beginning Stocks	1,028	845	655	660
Production	1,828	1,646	1,737	1,781
Imports	100	95	120	110
Supply, Total	2,957	2,586	2,512	2,551
Food	961	962	964	964
Seed	64	60	66	68
Feed and Residual	95	100	80	80
Domestic, Total	1,120	1,122	1,110	1,112
Exports	992	804	775	800
Use, Total	2,111	1,926	1,885	1,912
Ending Stocks	845	660	627	639
Avg. Farm Price (\$/bu) 2/	5.05	7.63	10.75	10.50

## 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	509	225	243	76	69	1,122
	Exports	319	210	112	149	14	804
	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	585	457	376	286	77	1,781
	Supply, Total 3/	943	647	475	343	143	2,551
	Domestic Use	433	291	214	91	83	1,112
	Exports	245	230	125	170	30	800
	Use, Total	678	521	339	261	113	1,912
	Ending Stocks, Total	265	126	136	82	30	639
	Jul	265	126	136	82	30	639
	Jun	NA	NA	NA	NA	NA	NA

Note: Totals may not add due to rounding. 1/ Marketing year beginning June 1. 2/ Marketing-year weighted average price received by farmers. 3/ Includes imports. \* For June, planted acres reported in the March 31, 2022, "Prospective Plantings." Winter wheat harvested area and yield reported in the June 10, 2022, "Crop Production." Area harvested and yield for other spring wheat and Durum are projected using 10-year harvested-to-planted ratios by state and 1985-2021 yield trends by state (except for Arizona and California Durum). For July, area planted, area harvested, yield, and production as reported in July 12, 2022 "Crop Production."

## WASDE - 626 - 12

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

FEED GRAINS	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			Jun	Jul
			<i>Million Acres</i>	
Area Planted	102.3	105.9	101.2 *	101.7 *
Area Harvested	90.6	94.5	90.5 *	90.5 *
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.11	4.22	4.22	4.23
			<i>Million Metric Tons</i>	
Beginning Stocks	51.8	34.0	40.3	41.1
Production	372.6	398.5	381.8	382.5
Imports	2.2	2.4	2.5	2.5
Supply, Total	426.6	434.8	424.5	426.0
Feed and Residual	146.3	146.5	139.6	139.6
Food, Seed & Industrial	168.9	177.4	178.1	178.2
Domestic, Total	315.2	323.9	317.7	317.8
Exports	77.5	69.8	68.4	68.4
Use, Total	392.6	393.7	386.0	386.2
Ending Stocks	34.0	41.1	38.5	39.9
<b>CORN</b>				
			<i>Million Acres</i>	
Area Planted	90.7	93.4	89.5 *	89.9 *
Area Harvested	82.3	85.4	81.7 *	81.9 *
			<i>Bushels</i>	
Yield per Harvested Acre	171.4	177.0	177.0 *	177.0 *
			<i>Million Bushels</i>	
Beginning Stocks	1,919	1,235	1,485	1,510
Production	14,111	15,115	14,460	14,505
Imports	24	25	25	25
Supply, Total	16,055	16,375	15,970	16,040
Feed and Residual	5,597	5,600	5,350	5,350
Food, Seed & Industrial 2/	6,471	6,815	6,820	6,820
Ethanol & by-products 3/	5,033	5,375	5,375	5,375
Domestic, Total	12,068	12,415	12,170	12,170
Exports	2,753	2,450	2,400	2,400
Use, Total	14,821	14,865	14,570	14,570
Ending Stocks	1,235	1,510	1,400	1,470
Avg. Farm Price (\$/bu) 4/	4.53	5.95	6.75	6.65

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at [www.ers.usda.gov/data-products/feed-grains-database.aspx](http://www.ers.usda.gov/data-products/feed-grains-database.aspx). 3/ Corn processed in ethanol plants to produce ethanol and by-products including distillers' grains, corn gluten feed, corn gluten meal, and corn oil. 4/ Marketing-year weighted average price received by farmers. \* For June, planted acres reported in the March 31, 2022, "Prospective Plantings." Harvested acres projected based on historical abandonment and use for silage. For July, corn planted and harvested area as reported in the June 30, 2022, "Acreage." The yield projection is based on a weather-adjusted trend, estimated using the 1988-2021 time period, assuming normal summer growing season weather but lowered to reflect the slow pace of planting progress during May.

## WASDE - 626 - 13

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

SORGHUM	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			Jun	Jul
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.9	7.3	6.2 *	6.3 *
Area Harvested (mil. acres)	5.1	6.5	5.5 *	5.4 *
Yield (bushels/acre)	73.2	69.0	69.3 *	69.2 *
Beginning Stocks	30	20	33	53
Production	373	448	381	372
Imports	0	0	0	0
Supply, Total	403	468	414	425
Feed and Residual	92	100	85	85
Food, Seed & Industrial	7	25	20	25
Total Domestic	99	125	105	110
Exports	284	290	285	285
Use, Total	383	415	390	395
Ending Stocks	20	53	24	30
Avg. Farm Price (\$/bu) 2/	5.04	5.95	6.65	6.55
<b>BARLEY</b>				
Area Planted (mil. acres)	2.7	2.7	2.9 *	3.0 *
Area Harvested (mil. acres)	2.2	1.9	2.4 *	2.4 *
Yield (bushels/acre)	77.2	60.4	75.4 *	73.0 *
Beginning Stocks	80	71	60	42
Production	171	118	181	175
Imports	7	15	9	9
Supply, Total	258	204	250	226
Feed and Residual	26	39	15	15
Food, Seed & Industrial	147	115	145	145
Total Domestic	172	154	160	160
Exports	14	7	7	7
Use, Total	186	162	167	167
Ending Stocks	71	42	83	59
Avg. Farm Price (\$/bu) 2/	4.75	5.31	7.35	7.35
<b>OATS</b>				
Area Planted (mil. acres)	3.0	2.6	2.5 *	2.4 *
Area Harvested (mil. acres)	1.0	0.7	0.9 *	0.8 *
Yield (bushels/acre)	65.1	61.3	65.6 *	66.1 *
Beginning Stocks	37	38	28	33
Production	66	40	59	53
Imports	85	81	95	95
Supply, Total	188	159	182	180
Feed and Residual	68	44	65	65
Food, Seed & Industrial	78	80	81	81
Total Domestic	147	124	146	146
Exports	3	2	2	2
Use, Total	150	126	148	148
Ending Stocks	38	33	34	32
Avg. Farm Price (\$/bu) 2/	2.77	4.55	5.70	5.70

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers. \* For June--Planted acres reported in the March 31, 2022, "Prospective Plantings." Harvested area for sorghum, barley and oats based on historical average harvested-to-planted ratios. For sorghum the yield is the median yield for 2002-2021. For barley and oats, projected yields are based on the 1992-2021 linear trends. Yields shown reflect production rounding. For July--Sorghum planted and harvested area as reported in the June 30, 2022, "Acreage." Sorghum yield is the median yield for 2002-2021. Barley and oats area planted, area harvested, yield, and production as reported in the July 12, 2022, "Crop Production."

## WASDE - 626 - 14

**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.
			Jun	Jul
		<i>Million Acres</i>		
Area Planted	3.04	2.53	2.45 *	2.34 *
Area Harvested	2.99	2.49	2.41 *	2.31 *
		<i>Pounds</i>		
Yield per Harvested Acre	7,619	7,709	7,596 *	7,561 *
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	28.7	43.7	38.5	42.0
Production	227.5	191.8	182.7	174.5
Imports	34.1	38.5	38.0	43.0
Supply, Total	290.2	274.0	259.2	259.5
Domestic & Residual 3/	152.7	148.5	143.0	145.0
Exports, Total 4/	93.9	83.5	82.0	79.0
Rough	34.6	31.0	34.0	34.0
Milled (rough equiv.)	59.3	52.5	48.0	45.0
Use, Total	246.6	232.0	225.0	224.0
Ending Stocks	43.7	42.0	34.2	35.5
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	14.40	15.80	17.80	18.20
<b>LONG-GRAIN RICE</b>				
Harvested Acres (mil.)	2.30	1.94		
Yield (pounds/acre)	7,422	7,471		
Beginning Stocks	16.9	29.7	22.4	24.9
Imports	27.4	31.5	30.0	33.0
Production	170.8	144.6	140.9	139.0
Supply, Total 7/	215.1	205.9	193.3	196.9
Domestic & Residual 3/	120.2	118.0	113.0	115.0
Exports 8/	65.1	63.0	61.0	60.0
Use, Total	185.3	181.0	174.0	175.0
Ending Stocks	29.7	24.9	19.3	21.9
Avg. Farm Price (\$/cwt) 6/	12.60	13.70	15.50	15.50
<b>MEDIUM &amp; SHORT-GRAIN RICE</b>				
Harvested Acres (mil.)	0.69	0.55		
Yield (pounds/acre)	8,282	8,543		
Beginning Stocks	10.7	11.5	13.6	14.6
Imports	6.7	7.0	8.0	10.0
Production	56.7	47.2	41.8	35.5
Supply, Total 7/	72.7	65.6	63.4	60.1
Domestic & Residual 3/	32.4	30.5	30.0	30.0
Exports 8/	28.8	20.5	21.0	19.0
Use, Total	61.2	51.0	51.0	49.0
Ending Stocks	11.5	14.6	12.4	11.1
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	20.10	22.20	24.80	26.20
California 10/	22.60	26.00	29.00	31.00
Other States 1/	13.00	14.00	16.00	16.00

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. \* For June--Planted acres reported in March 31, 2022, "Prospective Plantings." Harvested acres are estimated using long run harvested-to-planted ratios by rice class. For July--Planted and harvested area are reported in June 30, 2022 "Acreage" report. Projected yield is based on by-class trend analysis and planted area.

## WASDE - 626 - 15

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

SOYBEANS	2020/21	2021/22 Est.	2022/23 Proj. Jun	2022/23 Proj. Jul
			<i>Million Acres</i>	
Area Planted	83.4	87.2	91.0 *	88.3 **
Area Harvested	82.6	86.3	90.1 *	87.5 **
			<i>Bushels</i>	
Yield per Harvested Acre	51.0	51.4	51.5 *	51.5 **
			<i>Million Bushels</i>	
Beginning Stocks	525	257	205	215
Production	4,216	4,435	4,640	4,505
Imports	20	15	15	15
Supply, Total	4,761	4,707	4,860	4,735
Crushings	2,141	2,205	2,255	2,245
Exports	2,261	2,170	2,200	2,135
Seed	101	103	102	102
Residual	1	15	23	23
Use, Total	4,504	4,492	4,580	4,505
Ending Stocks	257	215	280	230
Avg. Farm Price (\$/bu) 2/	10.80	13.35	14.70	14.40
<b>SOYBEAN OIL</b>				
			<i>Million Pounds</i>	
Beginning Stocks	1,853	2,131	1,951	1,951
Production 4/	25,023	26,105	26,430	26,310
Imports	302	375	500	500
Supply, Total	27,177	28,611	28,881	28,761
Domestic Disappearance	23,323	24,885	25,800	25,700
Biofuel 3/	8,850	10,700	12,000	12,000
Food, Feed & other Industrial	14,473	14,185	13,800	13,700
Exports	1,723	1,775	1,400	1,400
Use, Total	25,046	26,660	27,200	27,100
Ending stocks	2,131	1,951	1,681	1,661
Avg. Price (c/lb) 2/	56.87	73.00	70.00	69.00
<b>SOYBEAN MEAL</b>				
			<i>Thousand Short Tons</i>	
Beginning Stocks	341	341	400	400
Production 4/	50,565	51,659	53,050	52,850
Imports	783	600	450	450
Supply, Total	51,689	52,600	53,900	53,700
Domestic Disappearance	37,580	38,500	39,000	39,200
Exports	13,768	13,700	14,400	14,000
Use, Total	51,348	52,200	53,400	53,200
Ending Stocks	341	400	500	500
Avg. Price (\$/s.t.) 2/	392.31	425.00	400.00	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 2,245 million bushels for 2022/23. \*Planted acres are reported in the March 31, 2022 Prospective Plantings report. Harvested acres are based on historical planted-to-harvested ratios. \*\*Planted and harvested acres are from the June 30, 2022 Acreage report. The projected yield is based on a weather-adjusted trend model.

## WASDE - 626 - 16

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

	2020/21	2021/22 Est.	2022/23 Proj. Jun	2022/23 Proj. Jul
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,618	1,705	1,717	1,782
Production 2/	9,233	9,118	8,822	8,947
Beet Sugar	5,092	5,156	4,809	4,934
Cane Sugar	4,141	3,961	4,013	4,013
Florida	2,090	1,933	2,000	2,000
Louisiana	1,918	1,906	1,910	1,910
Texas	134	122	103	103
Imports	3,195	3,699	3,013	3,501
TRQ 3/	1,749	1,766	1,390	1,445
Other Program 4/	292	300	250	250
Non-program	1,154	1,634	1,373	1,806
Mexico	968	1,355	1,323	1,756
High-tier tariff/other	186	278	50	50
Total Supply	14,046	14,522	13,553	14,229
Exports	49	35	35	35
Deliveries	12,252	12,705	12,555	12,630
Food	12,135	12,600	12,450	12,525
Other 5/	116	105	105	105
Miscellaneous	40	0	0	0
Total Use	12,341	12,740	12,590	12,665
Ending Stocks	1,705	1,782	963	1,564
Stocks to Use Ratio	13.8	14.0	7.6	12.4

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>					
<b>Sugar</b>	2021/22 Est.						
	Jun	1,053	6,208	50	4,547	1,817	947
	Jul	1,053	6,180	50	4,547	1,789	947
2022/23 Proj.	Jun	947	6,000	50	4,547	1,503	947
	Jul	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 - May 2022 = 837, Oct - May 2021 = 870. 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).



## WASDE - 626 - 17

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

	2020/21	2021/22 Est.	2022/23 Proj. Jun	2022/23 Proj. Jul
Area		<i>Million Acres</i>		
Planted	12.09	11.22	12.23 *	12.48 **
Harvested	8.22	10.27	9.14 *	8.55 **
		<i>Pounds</i>		
Yield per Harvested Acre	853	819	867 *	870 **
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	7.25	3.15	3.40	3.40
Production	14.61	17.52	16.50	15.50
Imports	0.00	0.01	0.01	0.01
Supply, Total	21.86	20.68	19.91	18.91
Domestic Use	2.40	2.55	2.50	2.50
Exports, Total	16.35	14.75	14.50	14.00
Use, Total	18.75	17.30	17.00	16.50
Unaccounted 2/	-0.04	-0.02	0.01	0.01
Ending Stocks	3.15	3.40	2.90	2.40
Avg. Farm Price 3/	66.3	92.0	95.0	95.0

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton. \*Planted area as reported in March 31, 2022 Prospective Plantings. Harvested area based on 10-year average abandonment by region, with the Southwest adjusted to reflect unfavorable moisture conditions. Yield based on 5-year average yields by region. \*\*Planted area as reported in June 30, 2022 Acreage. Harvested area based on 10-year average abandonment by region, with the Southwest adjusted to reflect unfavorable moisture conditions. Yield based on 5-year average yields by region.

## WASDE - 626 - 18

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	775.71	195.37	158.03	782.30	203.34	291.63
World Less China	148.20	641.46	184.75	118.03	632.30	202.58	147.51
United States	27.99	49.75	2.73	2.59	30.48	26.99	23.00
Total Foreign	270.23	725.96	192.64	155.44	751.82	176.36	268.62
Major Exporters 4/	32.38	323.59	6.66	72.83	179.43	147.50	35.70
Argentina	2.36	17.64	0.01	0.05	6.35	11.53	2.12
Australia	2.68	33.30	0.20	4.50	8.00	23.85	4.33
Canada	5.50	35.18	0.55	4.18	9.13	26.43	5.67
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
<b>2021/22 Est.</b>							
World 3/	291.57	779.03	196.50	161.00	790.51	200.07	280.10
World Less China	147.45	642.09	186.80	126.00	642.51	199.22	138.19
United States	23.00	44.79	2.59	2.72	30.53	21.88	17.96
Total Foreign	268.57	734.24	193.91	158.28	759.97	178.19	262.14
Major Exporters 4/	35.70	326.69	5.73	78.55	185.85	140.30	41.97
Argentina	2.12	22.15	0.00	0.05	6.35	16.50	1.43
Australia	4.33	36.30	0.20	5.00	8.50	27.50	4.83
Canada	5.67	21.65	0.60	4.50	9.50	15.00	3.42
European Union 5/	10.69	138.42	4.50	46.50	109.75	29.50	14.36
Russia	11.38	75.16	0.30	18.50	41.75	33.00	12.09
Ukraine	1.51	33.01	0.13	4.00	10.00	18.80	5.84
Major Importers 6/	183.04	203.23	131.22	53.60	323.75	15.18	178.56
Bangladesh	2.14	1.13	7.50	0.60	8.50	0.00	2.27
Brazil	1.91	7.70	6.50	0.45	11.75	3.20	1.16
China	144.12	136.95	9.70	35.00	148.00	0.85	141.92
Japan	1.15	1.13	5.40	0.75	6.30	0.30	1.08
N. Africa 7/	11.14	20.43	27.10	1.87	47.02	0.40	11.25
Nigeria	0.79	0.09	6.20	0.05	5.85	0.60	0.63
Sel. Mideast 8/	10.70	16.50	23.00	3.88	38.93	0.71	10.55
Southeast Asia 9/	5.56	0.00	26.30	7.30	25.43	1.16	5.27
Selected Other							
India	27.80	109.59	0.03	7.00	107.91	8.03	21.47
Kazakhstan	1.48	11.81	1.40	1.20	5.70	8.20	0.79
United Kingdom	1.42	13.99	2.30	7.35	15.30	0.70	1.70

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

## WASDE - 626 - 19

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

<b>2022/23 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jun	279.40	773.43	201.46	153.06	785.99	204.59	266.85
	Jul	280.10	771.64	202.74	151.31	784.22	205.47	267.52
World Less China	Jun	137.48	638.43	191.96	123.06	641.99	203.69	125.33
	Jul	138.19	636.64	193.24	121.31	640.22	204.57	126.00
United States	Jun	17.82	47.26	3.27	2.18	30.21	21.09	17.05
	Jul	17.96	48.47	2.99	2.18	30.26	21.77	17.39
Total Foreign	Jun	261.58	726.17	198.20	150.89	755.78	183.49	249.80
	Jul	262.14	723.17	199.75	149.14	753.95	183.69	250.13
Major Exporters 4/	Jun	41.24	321.60	6.21	77.55	184.95	148.00	36.09
	Jul	41.97	318.60	6.71	75.55	182.95	148.00	36.32
Argentina	Jun	1.43	20.00	0.01	0.05	6.35	14.00	1.08
	Jul	1.43	19.50	0.01	0.05	6.35	13.50	1.08
Australia	Jun	4.83	30.00	0.20	4.00	7.55	24.00	3.48
	Jul	4.83	30.00	0.20	4.00	7.55	24.00	3.48
Canada	Jun	2.92	33.00	0.60	4.00	9.10	24.00	3.42
	Jul	3.42	34.00	0.60	4.00	9.10	25.00	3.92
European Union 5/	Jun	14.36	136.10	5.00	44.50	108.50	36.00	10.96
	Jul	14.36	134.10	5.50	43.50	107.50	35.50	10.96
Russia	Jun	12.09	81.00	0.30	19.00	42.25	40.00	11.14
	Jul	12.09	81.50	0.30	19.00	42.25	40.00	11.64
Ukraine	Jun	5.61	21.50	0.10	6.00	11.20	10.00	6.01
	Jul	5.84	19.50	0.10	5.00	10.20	10.00	5.24
Major Importers 6/	Jun	178.18	201.40	132.65	47.30	321.15	15.02	176.06
	Jul	178.56	201.40	133.25	47.35	321.25	15.22	176.74
Bangladesh	Jun	2.27	1.10	7.00	0.60	8.70	0.00	1.67
	Jul	2.27	1.10	7.00	0.60	8.70	0.00	1.67
Brazil	Jun	1.16	8.50	6.40	0.55	12.05	2.80	1.21
	Jul	1.16	8.50	6.40	0.55	11.95	3.00	1.11
China	Jun	141.92	135.00	9.50	30.00	144.00	0.90	141.52
	Jul	141.92	135.00	9.50	30.00	144.00	0.90	141.52
Japan	Jun	1.08	1.15	5.30	0.60	6.10	0.30	1.13
	Jul	1.08	1.15	5.50	0.65	6.20	0.30	1.23
N. Africa 7/	Jun	11.50	17.15	29.20	1.82	47.67	0.51	9.68
	Jul	11.25	17.15	29.40	1.82	47.67	0.51	9.63
Nigeria	Jun	0.63	0.11	6.50	0.00	6.00	0.60	0.64
	Jul	0.63	0.11	6.50	0.00	6.00	0.60	0.64
Sel. Mideast 8/	Jun	10.60	17.59	23.32	3.88	39.63	0.77	11.12
	Jul	10.55	17.59	23.32	3.88	39.63	0.77	11.07
Southeast Asia 9/	Jun	5.07	0.00	26.03	6.70	25.05	1.15	4.90
	Jul	5.27	0.00	26.23	6.70	25.15	1.15	5.20
Selected Other								
India	Jun	21.47	106.00	0.03	6.50	104.50	6.50	16.49
	Jul	21.47	106.00	0.03	6.50	104.50	6.50	16.49
Kazakhstan	Jun	1.44	13.00	1.00	1.40	6.23	8.00	1.21
	Jul	0.79	13.00	1.00	1.30	5.90	8.00	0.89
United Kingdom	Jun	1.70	14.60	2.00	7.60	15.60	1.00	1.70
	Jul	1.70	14.60	2.00	7.60	15.60	1.00	1.70

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

## WASDE - 626 - 20

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

<b>2020/21</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	337.43	1,439.10	234.16	902.06	1,453.71	233.84	322.81
World Less China	136.47	1,170.02	183.62	681.11	1,140.60	233.83	115.36
United States	51.83	372.89	2.48	146.47	315.70	77.48	34.01
Total Foreign	285.60	1,066.21	231.68	755.59	1,138.01	156.36	288.80
Major Exporters 4/	24.24	295.85	5.47	133.47	179.57	126.71	19.27
Argentina	4.57	60.00	0.02	11.28	17.01	45.52	2.06
Australia	3.01	17.09	0.00	5.26	7.14	10.52	2.44
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	294.52	376.93	13.22	36.70
European Union 6/	14.16	155.35	15.87	119.89	159.29	11.45	14.64
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	31.40	22.65	43.43	51.72	0.57	5.59
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
<b>2021/22 Est.</b>							
World 3/	322.81	1,503.64	226.29	912.33	1,488.10	247.54	338.36
World Less China	115.36	1,222.79	183.94	684.78	1,168.35	247.49	127.50
United States	34.01	398.71	2.61	146.65	324.42	69.80	41.11
Total Foreign	288.80	1,104.93	223.67	765.69	1,163.67	177.74	297.25
Major Exporters 4/	19.27	335.05	8.38	144.65	190.32	147.38	25.01
Argentina	2.06	62.91	0.01	11.69	17.41	45.00	2.57
Australia	2.44	18.40	0.00	5.50	7.38	11.58	1.89
Brazil	4.60	120.62	2.60	66.10	78.14	44.51	5.18
Canada	3.61	24.21	5.62	17.69	25.19	5.25	3.00
Russia	1.90	38.54	0.10	22.03	30.91	7.78	1.85
Ukraine	1.65	53.51	0.03	14.24	17.37	30.06	7.77
Major Importers 5/	36.70	248.67	135.48	287.21	370.48	14.80	35.57
European Union 6/	14.64	154.08	17.46	117.69	157.26	13.16	15.75
Japan	1.66	0.24	16.92	13.41	17.25	0.00	1.57
Mexico	3.60	33.27	18.30	31.12	50.74	0.40	4.03
N. Afr & Mideast 7/	7.08	29.37	40.44	61.22	69.87	0.61	6.42
Saudi Arabia	1.33	0.20	8.01	7.76	8.11	0.00	1.43
Southeast Asia 8/	5.59	31.21	18.05	42.15	50.54	0.63	3.67
South Korea	2.04	0.22	11.82	9.45	12.01	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.

## WASDE - 626 - 21

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

<b>2022/23 Proj.</b>		<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Domestic Feed</b>	<b>Domestic Total 2/</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 3/	Jun	336.30	1,479.19	220.51	912.76	1,479.80	227.56	335.69
	Jul	338.36	1,477.20	220.10	910.81	1,477.65	226.66	337.91
World Less China	Jun	125.45	1,199.89	182.66	680.71	1,156.55	227.51	130.99
	Jul	127.50	1,197.90	182.75	679.26	1,154.90	226.61	133.20
United States	Jun	40.30	382.10	2.72	139.81	318.25	68.39	38.50
	Jul	41.11	382.76	2.72	139.77	318.33	68.39	39.87
Total Foreign	Jun	296.00	1,097.09	217.78	772.95	1,161.56	159.17	297.20
	Jul	297.25	1,094.44	217.38	771.04	1,159.32	158.27	298.04
Major Exporters 4/	Jun	24.88	331.33	4.50	145.78	192.21	134.34	34.15
	Jul	25.01	329.53	4.50	145.19	191.61	133.34	34.08
Argentina	Jun	2.47	64.88	0.01	11.92	17.73	47.20	2.42
	Jul	2.57	64.87	0.01	11.91	17.72	47.20	2.52
Australia	Jun	1.89	14.52	0.00	4.82	6.70	7.88	1.84
	Jul	1.89	14.52	0.00	4.82	6.70	7.88	1.84
Brazil	Jun	5.18	130.54	1.80	69.50	81.99	47.03	8.50
	Jul	5.18	130.54	1.80	69.50	81.99	47.03	8.50
Canada	Jun	2.95	29.81	2.54	17.36	24.75	7.25	3.30
	Jul	3.00	29.02	2.54	17.08	24.47	6.75	3.35
Russia	Jun	1.87	41.93	0.10	22.28	31.43	10.45	2.03
	Jul	1.85	40.93	0.10	21.98	31.13	9.95	1.81
Ukraine	Jun	7.77	31.76	0.00	12.52	15.65	10.83	13.06
	Jul	7.77	31.76	0.00	12.52	15.65	10.83	13.06
Major Importers 5/	Jun	35.28	246.97	137.93	288.40	371.80	13.59	34.80
	Jul	35.57	245.92	137.78	287.90	371.30	13.29	34.68
European Union 6/	Jun	15.46	150.82	17.19	116.45	156.08	12.07	15.31
	Jul	15.75	149.77	17.19	116.05	155.68	11.77	15.25
Japan	Jun	1.57	0.24	16.67	13.06	16.95	0.00	1.53
	Jul	1.57	0.24	16.67	13.06	16.95	0.00	1.53
Mexico	Jun	4.01	33.50	18.47	31.74	51.36	0.60	4.02
	Jul	4.03	33.50	18.47	31.74	51.36	0.60	4.04
N. Afr & Mideast 7/	Jun	6.45	30.51	39.71	61.59	70.12	0.34	6.22
	Jul	6.42	30.51	39.71	61.59	70.12	0.34	6.19
Saudi Arabia	Jun	1.43	0.19	9.01	9.05	9.41	0.00	1.23
	Jul	1.43	0.19	8.71	8.75	9.11	0.00	1.23
Southeast Asia 8/	Jun	3.67	31.41	20.81	42.85	51.40	0.58	3.90
	Jul	3.67	31.41	20.96	43.05	51.60	0.58	3.85
South Korea	Jun	2.06	0.22	11.60	9.24	11.80	0.00	2.09
	Jul	2.06	0.22	11.60	9.24	11.80	0.00	2.09
Selected Other								
	China	Jun	210.86	279.30	37.85	232.05	323.25	0.05
	Jul	210.86	279.30	37.35	231.55	322.75	0.05	204.71

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.

## WASDE - 626 - 22

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

<b>2020/21</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	307.46	1,129.00	185.22	723.42	1,143.17	182.82	293.29
World Less China	106.93	868.33	155.71	520.42	858.17	182.82	87.59
United States	48.76	358.45	0.62	142.18	306.54	69.92	31.36
Total Foreign	258.70	770.55	184.61	581.24	836.62	112.90	261.93
Major Exporters 4/	13.37	200.12	2.92	90.70	113.30	93.62	9.50
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	6.90	12.70	3.80	2.58
Ukraine	1.48	30.30	0.02	5.90	7.10	23.86	0.83
Major Importers 5/	20.81	132.40	92.89	164.07	219.23	4.79	22.08
Egypt	1.73	6.40	9.63	13.90	16.40	0.01	1.36
European Union 6/	7.38	67.14	14.49	57.00	77.40	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	31.35	20.69	41.65	49.70	0.57	5.58
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
<b>2021/22 Est.</b>							
World 3/	293.29	1,217.87	179.15	746.27	1,198.88	199.23	312.28
World Less China	87.59	945.31	156.15	537.27	907.88	199.21	102.04
United States	31.36	383.94	0.64	142.25	315.36	62.23	38.35
Total Foreign	261.93	833.92	178.51	604.02	883.52	137.00	273.93
Major Exporters 4/	9.50	242.65	2.07	100.10	123.30	114.70	16.22
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	2.58	16.30	0.00	7.30	13.30	3.20	2.38
Ukraine	0.83	42.13	0.02	11.00	12.20	24.00	6.77
Major Importers 5/	22.08	136.81	90.60	166.10	221.55	6.63	21.31
Egypt	1.36	7.44	9.20	13.90	16.40	0.01	1.59
European Union 6/	7.88	70.50	16.00	59.50	80.10	5.60	8.68
Japan	1.42	0.01	15.40	12.00	15.45	0.00	1.38
Mexico	3.08	27.55	17.50	26.20	44.40	0.40	3.33
Southeast Asia 7/	5.58	31.16	16.40	40.70	48.85	0.63	3.66
South Korea	2.02	0.08	11.70	9.40	11.75	0.00	2.05
Selected Other							
Canada	2.17	13.98	5.40	12.00	17.40	2.00	2.15
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.

## WASDE - 626 - 23

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

<b>2022/23 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Jun	310.92	1,185.81	176.68	747.93	1,186.28	182.67	310.45
	Jul	312.28	1,185.90	177.08	747.21	1,185.24	182.57	312.94
World Less China	Jun	100.68	914.81	158.68	533.93	891.28	182.65	106.23
	Jul	102.04	914.90	159.08	533.21	890.24	182.55	108.72
United States	Jun	37.71	367.30	0.64	135.90	309.13	60.96	35.55
	Jul	38.35	368.44	0.64	135.90	309.13	60.96	37.33
Total Foreign	Jun	273.21	818.51	176.05	612.03	877.15	121.71	274.89
	Jul	273.93	817.46	176.44	611.32	876.11	121.61	275.60
Major Exporters 4/	Jun	16.22	238.80	1.36	102.30	126.20	105.00	25.17
	Jul	16.22	237.80	1.36	102.00	125.90	104.50	24.97
Argentina	Jun	1.49	55.00	0.01	10.00	14.00	41.00	1.49
	Jul	1.49	55.00	0.01	10.00	14.00	41.00	1.49
Brazil	Jun	4.65	126.00	1.30	65.50	77.00	47.00	7.95
	Jul	4.65	126.00	1.30	65.50	77.00	47.00	7.95
Russia	Jun	0.93	15.50	0.05	10.00	11.20	4.30	0.98
	Jul	0.93	14.50	0.05	9.70	10.90	3.80	0.78
South Africa	Jun	2.38	17.30	0.00	7.30	13.30	3.70	2.68
	Jul	2.38	17.30	0.00	7.30	13.30	3.70	2.68
Ukraine	Jun	6.77	25.00	0.00	9.50	10.70	9.00	12.07
	Jul	6.77	25.00	0.00	9.50	10.70	9.00	12.07
Major Importers 5/	Jun	21.31	134.82	92.95	165.90	221.55	5.89	21.64
	Jul	21.31	134.57	93.10	165.90	221.55	5.89	21.54
Egypt	Jun	1.59	7.44	9.20	13.90	16.40	0.01	1.83
	Jul	1.59	7.44	9.20	13.90	16.40	0.01	1.83
European Union 6/	Jun	8.68	68.25	16.00	59.00	79.60	4.70	8.63
	Jul	8.68	68.00	16.00	58.80	79.40	4.70	8.58
Japan	Jun	1.38	0.01	15.20	11.70	15.20	0.00	1.39
	Jul	1.38	0.01	15.20	11.70	15.20	0.00	1.39
Mexico	Jun	3.33	27.60	17.70	26.50	44.70	0.60	3.33
	Jul	3.33	27.60	17.70	26.50	44.70	0.60	3.33
Southeast Asia 7/	Jun	3.66	31.36	18.95	41.20	49.50	0.58	3.89
	Jul	3.66	31.36	19.10	41.40	49.70	0.58	3.84
South Korea	Jun	2.05	0.08	11.50	9.20	11.55	0.00	2.08
	Jul	2.05	0.08	11.50	9.20	11.55	0.00	2.08
Selected Other								
Canada	Jun	2.15	14.00	2.50	9.70	14.90	1.60	2.15
	Jul	2.15	14.00	2.50	9.70	14.90	1.60	2.15
China	Jun	210.24	271.00	18.00	214.00	295.00	0.02	204.22
	Jul	210.24	271.00	18.00	214.00	295.00	0.02	204.22

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.

## WASDE - 626 - 24

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

<b>2020/21</b>	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	182.17	509.29	46.47	503.55	50.93	187.90
World Less China	65.67	360.99	42.25	353.26	48.71	71.40
United States	0.91	7.22	1.08	4.85	2.98	1.39
Total Foreign	181.26	502.06	45.38	498.71	47.95	186.51
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/	187.90	513.56	53.33	514.82	54.14	186.64
World Less China	71.40	364.57	47.43	358.53	52.04	73.64
United States	1.39	6.09	1.22	4.72	2.65	1.33
Total Foreign	186.51	507.47	52.11	510.10	51.49	185.31
Major Exporters 4/	47.03	197.69	1.31	155.96	42.20	47.87
Burma	1.21	12.35	0.00	10.50	2.30	0.77
India	37.00	129.66	0.00	106.96	21.50	38.20
Pakistan	1.90	8.70	0.01	4.00	4.80	1.80
Thailand	4.28	19.65	0.20	13.00	7.00	4.13
Vietnam	2.64	27.33	1.10	21.50	6.60	2.97
Major Importers 5/	128.21	242.04	21.05	262.47	2.58	126.25
China	116.50	148.99	5.90	156.29	2.10	113.00
European Union 6/	0.66	1.72	2.20	3.45	0.44	0.69
Indonesia	3.06	34.40	0.70	35.20	0.00	2.96
Nigeria	1.69	5.26	2.20	7.25	0.00	1.90
Philippines	3.76	12.60	3.35	15.30	0.00	4.41
Sel. Mideast 7/	0.95	2.15	3.85	5.93	0.00	1.02
Selected Other						
Brazil	0.57	7.28	0.80	7.35	0.85	0.45
C. Amer & Carib 8/	0.55	1.63	1.80	3.35	0.02	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	0.80	0.97	0.01	0.21
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.



## WASDE - 626 - 25

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

<b>2022/23 Proj.</b>		<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Total /2 Domestic</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 3/	Jun	187.31	515.35	52.48	519.22	54.20	183.44
	Jul	186.64	514.76	53.14	518.63	54.61	182.76
World Less China	Jun	74.31	366.35	46.48	362.62	51.80	74.44
	Jul	73.64	365.76	47.14	362.03	52.21	73.76
United States	Jun	1.22	5.80	1.21	4.54	2.60	1.09
	Jul	1.33	5.54	1.37	4.60	2.51	1.13
Total Foreign	Jun	186.08	509.55	51.27	514.68	51.60	182.35
	Jul	185.31	509.22	51.77	514.03	52.11	181.64
Major Exporters 4/	Jun	48.52	199.10	0.81	157.05	42.60	48.78
	Jul	47.87	199.10	1.01	156.90	42.90	48.18
Burma	Jun	0.77	12.50	0.00	10.50	2.10	0.67
	Jul	0.77	12.50	0.00	10.50	2.10	0.67
India	Jun	38.70	130.50	0.00	107.50	22.00	39.70
	Jul	38.20	130.50	0.00	107.50	22.00	39.20
Pakistan	Jun	2.15	8.90	0.01	4.40	4.60	2.06
	Jul	1.80	8.90	0.01	4.10	4.90	1.71
Thailand	Jun	4.13	19.80	0.20	13.10	7.50	3.53
	Jul	4.13	19.80	0.20	13.10	7.50	3.53
Vietnam	Jun	2.77	27.40	0.60	21.55	6.40	2.82
	Jul	2.97	27.40	0.80	21.70	6.40	3.07
Major Importers 5/	Jun	125.98	242.45	19.90	263.45	2.85	122.04
	Jul	126.25	242.17	20.20	263.60	2.86	122.16
China	Jun	113.00	149.00	6.00	156.60	2.40	109.00
	Jul	113.00	149.00	6.00	156.60	2.40	109.00
European Union 6/	Jun	0.59	1.74	2.20	3.45	0.42	0.66
	Jul	0.69	1.46	2.40	3.45	0.42	0.68
Indonesia	Jun	3.01	34.60	0.65	35.05	0.00	3.21
	Jul	2.96	34.60	0.65	35.05	0.00	3.16
Nigeria	Jun	1.90	5.36	2.20	7.45	0.00	2.00
	Jul	1.90	5.36	2.20	7.45	0.00	2.00
Philippines	Jun	4.24	12.41	3.00	15.35	0.00	4.30
	Jul	4.41	12.41	3.10	15.50	0.00	4.42
Sel. Mideast 7/	Jun	1.02	2.24	3.95	6.15	0.00	1.06
	Jul	1.02	2.24	3.95	6.15	0.00	1.06
Selected Other							
Brazil	Jun	0.45	7.10	0.85	7.30	0.65	0.45
	Jul	0.45	7.10	0.85	7.30	0.65	0.45
C. Amer & Carib 8/	Jun	0.61	1.57	1.89	3.42	0.03	0.62
	Jul	0.61	1.57	1.89	3.42	0.03	0.62
Egypt	Jun	0.70	2.90	0.85	4.00	0.01	0.44
	Jul	0.70	2.90	0.85	4.00	0.01	0.44
Japan	Jun	1.91	7.55	0.69	8.15	0.12	1.87
	Jul	1.91	7.55	0.69	8.15	0.12	1.87
Mexico	Jun	0.21	0.19	0.82	0.98	0.01	0.23
	Jul	0.21	0.19	0.82	0.98	0.01	0.23
South Korea	Jun	1.34	3.77	0.43	3.95	0.06	1.53
	Jul	1.34	3.72	0.43	3.95	0.06	1.48

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

## WASDE - 626 - 26

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

<b>2020/21</b>	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	97.65	111.48	49.08	121.69	48.50	-0.05	88.07
World Less China	60.75	81.98	36.22	81.69	48.49	-0.05	48.82
United States	7.25	14.61	3/	2.40	16.35	-0.04	3.15
Total Foreign	90.40	96.87	49.08	119.29	32.14	-0.01	84.92
Major Exporters 4/	39.11	53.89	1.60	34.62	27.63	-0.08	32.42
Central Asia 5/	2.68	5.45	0.01	3.82	1.99	0.00	2.33
Afr. Fr. Zone 6/	2.52	4.84	3/	0.11	5.31	0.00	1.93
S. Hemis. 7/	17.62	15.65	0.14	4.04	13.59	-0.09	15.88
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/	48.87	39.77	45.06	80.67	3.10	0.07	49.85
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	8.75	8.50	0.00	0.01	2.90
Vietnam	1.11	3/	7.31	7.30	0.00	0.00	1.12
<b>2021/22 Est.</b>							
World	88.07	116.22	43.32	119.79	43.93	-0.15	84.04
World Less China	48.82	89.22	35.12	82.79	43.85	-0.15	46.66
United States	3.15	17.52	0.01	2.55	14.75	-0.02	3.40
Total Foreign	84.92	98.69	43.31	117.24	29.18	-0.13	80.64
Major Exporters 4/	32.42	55.68	1.78	34.18	25.00	-0.17	30.87
Central Asia 5/	2.33	4.93	0.02	3.72	1.62	0.00	1.94
Afr. Fr. Zone 6/	1.93	5.98	3/	0.11	5.73	0.00	2.07
S. Hemis. 7/	15.88	19.86	0.16	4.23	13.20	-0.18	18.65
Australia	2.52	5.50	3/	0.01	4.00	-0.19	4.20
Brazil	11.12	12.30	0.03	3.20	7.90	0.00	12.34
India	11.94	24.50	1.00	25.50	4.00	0.00	7.94
Major Importers 8/	49.85	39.77	39.05	78.78	2.84	0.05	47.00
Mexico	0.43	1.22	1.00	1.90	0.38	0.03	0.35
China	39.25	27.00	8.20	37.00	0.08	0.00	37.38
European Union 9/	0.33	1.59	0.64	0.64	1.71	-0.03	0.24
Turkey	2.71	3.80	5.55	8.60	0.60	0.00	2.86
Pakistan	2.27	6.00	4.50	10.90	0.05	0.03	1.79
Indonesia	0.50	3/	2.55	2.55	0.01	0.00	0.49
Thailand	0.08	3/	0.73	0.70	0.00	0.01	0.10
Bangladesh	2.90	0.15	8.00	8.50	0.00	0.01	2.54
Vietnam	1.12	3/	6.80	6.90	0.00	0.00	1.03

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

## WASDE - 626 - 27

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

<b>2022/23 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Jun	82.95	121.27	47.49	121.54	47.48	-0.10	82.77
	Jul	84.04	120.07	46.37	119.92	46.38	-0.10	84.26
World Less China	Jun	46.27	93.77	36.99	83.54	47.43	-0.10	46.15
	Jul	46.66	92.57	36.37	82.42	46.33	-0.10	46.94
United States	Jun	3.40	16.50	0.01	2.50	14.50	0.01	2.90
	Jul	3.40	15.50	0.01	2.50	14.00	0.01	2.40
Total Foreign	Jun	79.55	104.77	47.48	119.04	32.98	-0.10	79.87
	Jul	80.64	104.57	46.37	117.42	32.38	-0.10	81.86
Major Exporters 4/	Jun	30.47	60.45	2.39	34.15	28.83	-0.17	30.49
	Jul	30.87	60.25	2.39	33.65	28.28	-0.17	31.74
Central Asia 5/	Jun	1.94	5.29	0.02	3.75	1.54	0.00	1.95
	Jul	1.94	5.29	0.02	3.75	1.54	0.00	1.95
Afr. Fr. Zone 6/	Jun	1.77	6.35	3/	0.11	6.08	0.00	1.93
	Jul	2.07	6.35	3/	0.11	6.03	0.00	2.27
S. Hemis. 7/	Jun	18.65	20.76	0.15	4.18	16.71	-0.18	18.85
	Jul	18.65	20.56	0.15	4.18	16.51	-0.18	18.85
Australia	Jun	3.80	5.50	3/	0.01	5.70	-0.19	3.78
	Jul	4.20	5.50	3/	0.01	6.00	-0.19	3.88
Brazil	Jun	12.74	13.20	0.02	3.20	9.80	0.00	12.96
	Jul	12.34	13.00	0.02	3.20	9.30	0.00	12.86
India	Jun	7.84	27.50	1.70	25.50	4.00	0.00	7.54
	Jul	7.94	27.50	1.70	25.00	3.70	0.00	8.44
Major Importers 8/	Jun	46.31	41.07	42.71	80.75	2.69	0.07	46.57
	Jul	47.00	41.07	41.60	79.64	2.69	0.07	47.27
Mexico	Jun	0.35	1.33	1.10	1.90	0.40	0.03	0.45
	Jul	0.35	1.33	1.10	1.90	0.40	0.03	0.45
China	Jun	36.68	27.50	10.50	38.00	0.05	0.00	36.63
	Jul	37.38	27.50	10.00	37.50	0.05	0.00	37.33
European Union 9/	Jun	0.23	1.58	0.58	0.61	1.53	0.00	0.26
	Jul	0.24	1.58	0.58	0.61	1.53	0.00	0.26
Turkey	Jun	2.86	4.30	5.00	8.60	0.65	0.00	2.91
	Jul	2.86	4.30	5.00	8.60	0.65	0.00	2.91
Pakistan	Jun	1.79	6.20	5.00	11.10	0.05	0.03	1.82
	Jul	1.79	6.20	5.00	11.10	0.05	0.03	1.82
Indonesia	Jun	0.49	3/	2.50	2.50	0.01	0.00	0.49
	Jul	0.49	3/	2.50	2.50	0.01	0.00	0.49
Thailand	Jun	0.10	3/	0.70	0.70	0.00	0.01	0.09
	Jul	0.10	3/	0.70	0.70	0.00	0.01	0.09
Bangladesh	Jun	2.54	0.16	8.80	8.90	0.00	0.01	2.59
	Jul	2.54	0.16	8.50	8.60	0.00	0.01	2.59
Vietnam	Jun	1.03	3/	7.50	7.40	0.00	0.00	1.13
	Jul	1.03	3/	7.20	7.10	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)

<b>2020/21</b>		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		94.65	368.13	165.47	315.14	363.90	164.52	99.83
World Less China		70.04	348.52	65.71	222.14	251.16	164.45	68.66
United States		14.28	114.75	0.54	58.26	61.05	61.52	6.99
Total Foreign		80.38	253.38	164.93	256.88	302.85	103.00	92.83
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/		27.91	23.25	133.41	122.10	149.91	0.27	34.39
China		24.61	19.60	99.76	93.00	112.74	0.07	31.16
European Union		1.66	2.60	14.79	15.80	17.46	0.19	1.40
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
<b>2021/22 Est.</b>								
World 2/		99.83	352.74	153.44	313.74	363.13	154.16	88.73
World Less China		68.66	336.34	63.44	226.74	256.41	154.06	57.99
United States		6.99	120.71	0.41	60.01	63.20	59.06	5.85
Total Foreign		92.83	232.04	153.04	253.73	299.93	95.10	82.88
Major Exporters 3/		54.93	176.22	3.50	91.28	101.85	88.10	44.70
Argentina		25.06	44.00	2.90	40.40	47.61	2.25	22.10
Brazil		29.40	126.00	0.55	49.25	52.50	81.00	22.46
Paraguay		0.45	4.20	0.04	1.55	1.67	2.90	0.13
Major Importers 4/		34.39	20.19	123.19	116.40	144.24	0.36	33.17
China		31.16	16.40	90.00	87.00	106.72	0.10	30.74
European Union		1.40	2.73	14.70	15.90	17.62	0.25	0.96
Southeast Asia		1.18	0.53	9.19	4.70	9.99	0.01	0.89
Mexico		0.46	0.29	6.00	6.30	6.35	0.00	0.40
<b>2022/23 Proj.</b>								
World 2/	Jun	86.15	395.37	167.12	327.18	377.86	170.31	100.46
	Jul	88.73	391.40	166.12	327.13	377.75	168.89	99.61
World Less China	Jun	55.40	377.87	68.12	232.18	262.27	170.21	68.90
	Jul	57.99	373.90	68.12	232.13	262.16	168.79	69.05
United States	Jun	5.58	126.28	0.41	61.37	64.78	59.87	7.61
	Jul	5.85	122.61	0.41	61.10	64.49	58.11	6.27
Total Foreign	Jun	80.57	269.09	166.71	265.81	313.08	110.44	92.85
	Jul	82.88	268.79	165.71	266.03	313.25	110.79	93.34
Major Exporters 3/	Jun	42.60	212.50	5.57	93.33	104.09	102.13	54.46
	Jul	44.70	212.50	5.57	93.83	104.59	102.63	55.55
Argentina	Jun	20.65	51.00	4.80	41.00	48.25	4.70	23.50
	Jul	22.10	51.00	4.80	41.00	48.25	4.70	24.95
Brazil	Jun	21.86	149.00	0.75	49.00	52.35	88.50	30.76
	Jul	22.46	149.00	0.75	49.50	52.85	89.00	30.36
Paraguay	Jun	0.09	10.00	0.01	3.25	3.41	6.50	0.19
	Jul	0.13	10.00	0.01	3.25	3.41	6.50	0.23
Major Importers 4/	Jun	33.32	21.53	133.53	125.20	154.15	0.33	33.89
	Jul	33.17	21.53	132.53	125.10	154.05	0.33	32.84
China	Jun	30.74	17.50	99.00	95.00	115.59	0.10	31.56
	Jul	30.74	17.50	98.00	95.00	115.59	0.10	30.56
European Union	Jun	0.96	3.00	15.00	16.10	17.93	0.22	0.81
	Jul	0.96	3.00	15.00	16.10	17.93	0.22	0.81
Southeast Asia	Jun	0.94	0.50	9.88	5.00	10.42	0.02	0.88
	Jul	0.89	0.50	9.88	4.95	10.37	0.02	0.88
Mexico	Jun	0.50	0.30	6.35	6.60	6.65	0.00	0.50
	Jul	0.40	0.30	6.35	6.55	6.60	0.00	0.45

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

## WASDE - 626 - 29

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

<b>2020/21</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		15.30	247.60	63.73	243.28	68.82	14.53
World Less China		15.30	173.95	63.66	170.60	67.77	14.53
United States		0.31	45.87	0.71	34.09	12.49	0.31
Total Foreign		14.99	201.73	63.02	209.19	56.33	14.22
Major Exporters 3/		6.91	75.10	0.26	28.42	46.93	6.92
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		0.57	7.60	0.24	6.00	2.03	0.38
Major Importers 4/		2.41	22.86	37.26	59.50	1.12	1.91
European Union		0.79	12.48	16.53	28.39	0.85	0.56
Mexico		0.15	4.90	1.85	6.75	0.01	0.15
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
<b>2021/22 Est.</b>							
World 2/		14.53	246.10	63.97	242.05	68.65	13.90
World Less China		14.53	177.19	63.91	173.69	68.05	13.90
United States		0.31	46.86	0.54	34.93	12.43	0.36
Total Foreign		14.22	199.23	63.43	207.13	56.22	13.54
Major Exporters 3/		6.92	77.45	0.49	29.35	48.20	7.31
Argentina		2.29	31.52	0.00	3.32	28.30	2.19
Brazil		4.25	38.17	0.02	19.60	18.50	4.34
India		0.38	7.76	0.48	6.44	1.40	0.78
Major Importers 4/		1.91	23.09	38.05	60.02	1.18	1.85
European Union		0.56	12.56	16.80	28.49	0.85	0.58
Mexico		0.15	4.98	1.90	6.88	0.01	0.14
Southeast Asia 5/		1.05	3.66	17.55	20.95	0.32	0.99
China		0.00	68.90	0.06	68.36	0.60	0.00
<b>2022/23 Proj.</b>							
World 2/	Jun	13.57	256.85	65.20	251.43	70.05	14.15
	Jul	13.90	256.84	65.07	251.70	69.88	14.24
World Less China	Jun	13.57	181.61	65.15	177.14	69.05	14.15
	Jul	13.90	181.60	65.02	177.41	68.88	14.24
United States	Jun	0.36	48.13	0.41	35.38	13.06	0.45
	Jul	0.36	47.95	0.41	35.56	12.70	0.45
Total Foreign	Jun	13.21	208.73	64.79	216.05	56.98	13.69
	Jul	13.54	208.89	64.66	216.13	57.18	13.78
Major Exporters 3/	Jun	7.08	78.11	0.12	30.03	48.10	7.17
	Jul	7.31	78.34	0.12	30.33	48.20	7.24
Argentina	Jun	2.15	31.98	0.00	3.38	28.50	2.25
	Jul	2.19	31.98	0.00	3.38	28.50	2.30
Brazil	Jun	4.30	37.97	0.02	20.15	17.70	4.44
	Jul	4.34	38.36	0.02	20.15	18.10	4.46
India	Jun	0.63	8.16	0.10	6.51	1.90	0.48
	Jul	0.78	8.00	0.10	6.81	1.60	0.48
Major Importers 4/	Jun	1.90	23.72	38.30	60.83	1.11	1.98
	Jul	1.85	23.64	38.30	60.83	1.11	1.85
European Union	Jun	0.58	12.72	16.75	28.59	0.80	0.65
	Jul	0.58	12.72	16.75	28.69	0.80	0.55
Mexico	Jun	0.18	5.22	1.93	7.13	0.01	0.18
	Jul	0.14	5.18	1.93	7.05	0.01	0.19
Southeast Asia 5/	Jun	1.01	3.90	17.80	21.40	0.31	1.00
	Jul	0.99	3.86	17.80	21.38	0.31	0.97
China	Jun	0.00	75.24	0.05	74.29	1.00	0.00
	Jul	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.

## WASDE - 626 - 30

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

<b>2020/21</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		5.30	59.18	11.73	58.49	12.58	5.14
World Less China		4.60	42.52	10.50	40.86	12.54	4.21
United States		0.84	11.35	0.14	10.58	0.78	0.97
Total Foreign		4.46	47.83	11.60	47.91	11.80	4.18
Major Exporters 3/		1.53	20.54	0.75	12.48	9.02	1.32
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
<b>2021/22 Est.</b>							
World 2/		5.14	59.13	11.40	59.16	12.21	4.30
World Less China		4.21	43.54	10.80	42.41	12.12	4.02
United States		0.97	11.84	0.17	11.29	0.81	0.89
Total Foreign		4.18	47.29	11.23	47.88	11.40	3.42
Major Exporters 3/		1.32	20.77	0.62	12.56	8.73	1.42
Argentina		0.30	7.98	0.04	2.55	5.35	0.41
Brazil		0.50	9.48	0.08	7.50	2.05	0.51
European Union		0.44	3.02	0.50	2.46	1.03	0.48
Major Importers 4/		1.47	18.87	6.77	26.15	0.20	0.77
China		0.93	15.59	0.60	16.75	0.09	0.28
India		0.15	1.75	3.80	5.53	0.02	0.15
North Africa 5/		0.29	1.01	1.62	2.58	0.09	0.25
<b>2022/23 Proj.</b>							
World 2/	Jun	4.32	61.51	12.15	60.86	12.80	4.32
	Jul	4.30	61.48	12.14	60.65	12.81	4.46
World Less China	Jun	4.03	44.49	11.05	43.16	12.71	3.70
	Jul	4.02	44.46	11.04	42.95	12.72	3.85
United States	Jun	0.89	11.99	0.23	11.70	0.64	0.76
	Jul	0.89	11.93	0.23	11.66	0.64	0.75
Total Foreign	Jun	3.43	49.52	11.92	49.16	12.16	3.56
	Jul	3.42	49.55	11.91	49.00	12.17	3.71
Major Exporters 3/	Jun	1.42	21.21	0.60	12.48	9.45	1.31
	Jul	1.42	21.31	0.60	12.53	9.45	1.36
Argentina	Jun	0.42	8.10	0.00	2.32	5.90	0.30
	Jul	0.41	8.10	0.00	2.37	5.80	0.35
Brazil	Jun	0.51	9.44	0.10	7.65	1.90	0.50
	Jul	0.51	9.53	0.10	7.65	2.00	0.49
European Union	Jun	0.48	3.06	0.50	2.46	1.10	0.49
	Jul	0.48	3.06	0.50	2.46	1.10	0.49
Major Importers 4/	Jun	0.85	20.53	7.19	27.22	0.21	1.14
	Jul	0.77	20.49	7.19	27.11	0.21	1.13
China	Jun	0.29	17.02	1.10	17.70	0.09	0.63
	Jul	0.28	17.02	1.10	17.70	0.09	0.62
India	Jun	0.22	1.84	3.70	5.58	0.02	0.17
	Jul	0.15	1.80	3.70	5.47	0.02	0.17
North Africa 5/	Jun	0.25	1.13	1.61	2.62	0.11	0.27
	Jul	0.25	1.13	1.61	2.62	0.11	0.27

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

## WASDE - 626 - 31

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

Year and Quarter		Beef	Pork	Red Meat 2/	Broiler	Turkey	Total Poultry 3/	Red Meat & Poultry	Egg	Milk
		<i>Million Pounds</i>							<i>Mil doz</i>	<i>Bil lbs</i>
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	12,679	26,650	2,295	56.3
	II	7,065	6,655	13,767	11,250	1,290	12,675	26,442	2,205	57.7
	III*	7,090	6,525	13,661	11,625	1,330	13,095	26,756	2,235	56.0
	IV*	6,745	7,075	13,869	11,250	1,365	12,740	26,609	2,315	56.0
	Annual									
	Jun Proj.	27,907	27,219	55,317	45,320	5,349	51,199	106,515	9,025	226.4
	Jul Proj.	27,922	27,159	55,268	45,295	5,359	51,189	106,456	9,050	226.0
2023	I*	6,500	7,000	13,544	11,225	1,385	12,740	26,284	2,320	56.9
	II*	6,350	6,545	12,938	11,400	1,410	12,945	25,883	2,370	58.1
	Annual									
	Jun Proj.	25,950	27,365	53,495	45,675	5,650	51,845	105,340	9,490	229.3
	Jul Proj.	25,940	27,520	53,637	45,675	5,650	51,845	105,482	9,490	228.3

\* 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	27.25
	III*	139.00	76.00	159.0	161.0	235.0	25.80
	IV*	145.00	66.00	150.0	155.0	185.0	26.65
	Annual						
	Jun Proj.	140.1	70.6	154.5	142.1	192.7	26.20
	Jul Proj.	141.3	70.8	152.9	147.8	210.6	26.15
2023	I*	150.00	66.00	155.0	140.0	165.0	24.90
	II*	152.00	74.00	156.0	142.0	145.0	24.10
	Annual						
	Jun Proj.	153	71	149	138	149	23.80
	Jul Proj.	153	70	149	143	151	24.15

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

## WASDE - 626 - 32

## 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. Jun	676	27,975	3,515	32,166	3,421	695	28,050	58.9
	Jul	676	27,990	3,515	32,181	3,496	715	27,970	58.8
	2023 Proj. Jun	695	26,018	3,200	29,913	2,940	640	26,333	55.1
	Jul	715	26,008	3,200	29,923	2,980	640	26,303	55.0
Pork	2021	467	27,690	1,180	29,337	7,026	446	21,865	51.1
	2022 Proj. Jun	446	27,234	1,443	29,122	6,621	545	21,956	51.1
	Jul	446	27,174	1,553	29,172	6,576	565	22,031	51.3
	2023 Proj. Jun	545	27,380	1,440	29,365	6,510	580	22,275	51.7
	Jul	565	27,535	1,625	29,725	6,515	610	22,600	52.4
Total Red Meat 5/	2021	1,217	55,906	4,890	62,014	10,470	1,147	50,397	111.5
	2022 Proj. Jun	1,147	55,408	5,313	61,869	10,046	1,265	50,558	111.5
	Jul	1,147	55,359	5,436	61,943	10,076	1,307	50,560	111.6
	2023 Proj. Jun	1,265	53,587	5,010	59,862	9,454	1,244	49,164	108.3
	Jul	1,307	53,729	5,195	60,231	9,499	1,277	49,455	108.9
Broiler	2021	830	44,419	155	45,403	7,355	705	37,343	96.6
	2022 Proj. Jun	705	44,835	178	45,718	7,396	750	37,572	96.9
	Jul	705	44,810	176	45,691	7,416	750	37,525	96.7
	2023 Proj. Jun	750	45,186	152	46,088	7,465	750	37,873	97.3
	Jul	750	45,186	152	46,088	7,465	750	37,873	97.3
Turkey	2021	223	5,558	22	5,804	548	166	5,090	15.3
	2022 Proj. Jun	166	5,349	28	5,543	387	170	4,986	15.0
	Jul	166	5,359	34	5,559	402	170	4,986	15.0
	2023 Proj. Jun	170	5,650	28	5,848	395	170	5,283	15.8
	Jul	170	5,650	28	5,848	395	170	5,283	15.8
Total Poultry 6/	2021	1,057	50,514	180	51,751	7,947	874	42,930	113.4
	2022 Proj. Jun	874	50,713	210	51,797	7,826	924	43,047	113.3
	Jul	874	50,704	215	51,792	7,862	924	43,007	113.2
	2023 Proj. Jun	924	51,356	183	52,463	7,900	924	43,639	114.5
	Jul	924	51,356	183	52,463	7,900	924	43,639	114.5
Red Meat & Poultry	2021	2,274	106,420	5,070	113,765	18,418	2,021	93,327	224.9
	2022 Proj. Jun	2,021	106,122	5,523	113,666	17,872	2,189	93,605	224.8
	Jul	2,021	106,063	5,651	113,735	17,937	2,231	93,567	224.8
	2023 Proj. Jun	2,189	104,943	5,193	112,325	17,354	2,168	92,803	222.8
	Jul	2,231	105,085	5,378	112,694	17,399	2,201	93,094	223.4

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



## WASDE - 626 - 33

## U.S. Egg Supply and Use

	2020	2021	2022 Proj. Jun	2022 Proj. Jul	2023 Proj. Jun	2023 Proj. Jul
<b>Eggs</b>	<i>Million Dozen</i>					
<b>Supply</b>						
Beginning Stocks	31.6	24.5	19.1	19.1	19.0	19.0
Production	9,291.8	9,237.8	9,025.1	9,050.1	9,490.0	9,490.0
Imports	15.5	18.2	20.1	22.6	18.5	18.5
<b>Total Supply</b>	<b>9,338.9</b>	<b>9,280.5</b>	<b>9,064.4</b>	<b>9,091.9</b>	<b>9,527.5</b>	<b>9,527.5</b>
<b>Use</b>						
Exports	344.0	392.2	281.1	254.1	320.0	320.0
Hatching Use	1,078.5	1,103.7	1,125.9	1,120.9	1,140.0	1,140.0
Ending Stocks	24.5	19.1	19.0	19.0	21.0	21.0
Disappearance						
<b>Total</b>	<b>7,891.8</b>	<b>7,765.5</b>	<b>7,638.4</b>	<b>7,697.9</b>	<b>8,046.5</b>	<b>8,046.5</b>
Per Capita (number)	285.5	280.5	275.1	277.3	288.7	288.7

## U.S. Milk Supply and Use

	2020	2021	2022 Proj. Jun	2022 Proj. Jul	2023 Proj. Jun	2023 Proj. Jul
<b>Milk</b>	<i>Billion Pounds</i>					
<b>Production</b>						
Farm Use	1.1	1.0	1.1	1.1	1.1	1.1
<b>Fat Basis Supply</b>						
Beginning Stocks	13.6	15.6	14.3	14.3	12.8	12.9
Marketings	222.2	225.2	225.4	224.9	228.2	227.3
Imports	6.8	6.5	7.0	7.1	6.9	6.9
<b>Total Supply</b>	<b>242.6</b>	<b>247.4</b>	<b>246.7</b>	<b>246.3</b>	<b>247.9</b>	<b>247.0</b>
<b>Fat Basis Use</b>						
Exports	9.3	11.5	12.0	12.2	11.6	11.6
Ending Stocks	15.6	14.3	12.8	12.9	13.6	13.6
Domestic Use	217.8	221.5	221.8	221.2	222.7	221.8
<b>Skim-solid Basis Supply</b>						
Beginning Stocks	10.2	10.9	11.1	11.1	11.0	11.2
Marketings	222.2	225.2	225.4	224.9	228.2	227.3
Imports	5.6	5.8	6.1	6.1	6.0	6.0
<b>Total Supply</b>	<b>238.0</b>	<b>241.9</b>	<b>242.5</b>	<b>242.1</b>	<b>245.2</b>	<b>244.4</b>
<b>Skim-solid Basis Use</b>						
Exports	47.2	50.8	50.1	50.5	50.9	51.0
Ending Stocks	10.9	11.1	11.0	11.2	11.7	12.0
Domestic Use	179.9	180.0	181.4	180.5	182.5	181.4

Dairy domestic use for 2020 includes additional milk marketed but not processed. Note: Totals may not add due to rounding.

## WASDE - 626 - 34

## U.S. Dairy Prices

	2020	2021	2022 Proj. Jun	2022 Proj. Jul	2023 Proj. Jun	2023 Proj. Jul
Product Prices 1/	<i>Dollars Per Pound</i>					
Cheese	1.9236	1.6755	2.195	2.185	2.050	2.070
Butter	1.5808	1.7325	2.765	2.780	2.385	2.440
Nonfat Dry Milk	1.0417	1.2693	1.755	1.755	1.620	1.645
Dry Whey	0.3621	0.5744	0.640	0.640	0.520	0.515
	<i>Dollars Per Cwt</i>					
Milk Prices 2/						
Class III	18.16	17.08	22.90	22.80	20.65	20.85
Class IV	13.49	16.09	24.65	24.70	21.90	22.30
All Milk 3/	18.13	18.53	26.20	26.15	23.80	24.15

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.

## WASDE - 626 - 35

## Reliability of July Projections 1/

Note: Tables on pages 35-37 present a record of the July projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 2.7 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 4.6 percent. The average difference between the July projection and the final estimate is 13.9 million tons, ranging from 1 million to 34.6 million tons. The July projection has been below the estimate 24 times and above 17 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
	<i>Percent</i>		<i>Million Metric Tons</i>				
<b>WHEAT</b>							
Production							
World	2.7	4.6	13.9	1.0	34.6	24	17
U.S.	3.5	5.9	1.5	0.0	6.2	19	22
Foreign	3.0	5.0	13.6	0.3	34.7	25	16
Exports							
World	5.9	9.9	6.5	0.2	18.7	27	14
U.S.	11.4	19.3	2.7	0.2	10.0	23	18
Foreign	7.2	12.1	6.2	0.1	21.3	28	13
Domestic Use							
World	2.0	3.4	9.7	0.3	30.0	25	16
U.S.	7.1	11.9	1.8	0.0	5.0	15	26
Foreign	2.0	3.4	9.4	1.3	29.8	27	14
Ending Stocks							
World	9.5	16.0	12.2	0.1	35.3	28	13
U.S.	17.9	30.2	3.0	0.2	13.9	23	18
Foreign	9.9	16.7	10.6	1.2	31.7	28	13
<b>COARSE GRAINS 2/</b>							
Production							
World	2.8	4.8	22.5	1.3	68.4	22	19
U.S.	9.8	16.5	15.2	0.0	57.9	19	22
Foreign	2.5	4.3	14.4	1.1	53.0	22	19
Exports							
World	7.6	12.8	7.7	0.6	23.8	28	13
U.S.	25.6	43.2	8.0	0.2	24.4	16	25
Foreign	13.7	23.1	7.2	0.2	19.7	28	13
Domestic Use							
World	1.7	2.9	14.1	0.0	46.0	22	19
U.S.	4.4	7.4	6.9	0.0	22.2	25	16
Foreign	1.9	3.3	11.7	1.0	40.6	23	18
Ending Stocks							
World	18.3	30.9	22.6	1.6	171.9	26	15
U.S.	43.1	72.5	13.1	0.5	50.5	18	23
Foreign	16.0	27.0	15.1	0.2	155.2	30	11
<b>RICE, milled</b>							
Production							
World	2.3	3.9	6.9	0.4	24.0	26	15
U.S.	5.4	9.0	0.3	0.0	0.8	20	19
Foreign	2.4	4.0	6.8	0.5	24.3	26	15
Exports							
World	9.1	15.3	1.9	0.0	6.7	29	12
U.S.	10.5	17.7	0.2	0.0	1.0	17	20
Foreign	9.9	16.7	1.8	0.0	6.5	29	12
Domestic Use							
World	1.9	3.3	4.7	0.2	22.9	26	15
U.S.	8.2	13.7	0.2	0.0	0.5	15	25
Foreign	2.0	3.3	4.7	0.2	22.9	26	15
Ending Stocks							
World	13.4	22.6	7.0	0.1	26.5	31	10
U.S.	28.7	48.4	0.3	0.0	1.0	24	16
Foreign	14.7	24.7	7.0	0.2	26.0	32	9

1/ Footnotes at end of table.

CONTINUED

## WASDE - 626 - 36

## Reliability of July 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	
<b>SOYBEANS</b>	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	5.2	8.7	8.0	0.5	33.2	19	22
U.S.	6.9	11.6	3.6	0.0	11.7	22	19
Foreign	7.6	12.8	7.2	1.0	34.1	21	20
Exports							
World	7.7	13.0	4.0	0.0	17.0	26	15
U.S.	12.8	21.6	3.0	0.1	9.3	23	18
Foreign	19.3	32.6	3.3	0.0	19.5	24	17
Domestic Use							
World	3.8	6.3	5.6	0.5	16.4	23	18
U.S.	5.0	8.5	1.6	0.0	4.9	24	17
Foreign	4.1	6.9	5.0	0.1	16.1	23	18
Ending Stocks							
World	15.1	25.5	5.0	0.0	26.1	22	19
U.S.	62.2	104.8	3.0	0.0	13.4	14	27
Foreign	18.5	31.2	4.4	0.0	21.8	26	15
<b>COTTON</b>	<i>Million 480-Pound Bales</i>						
Production							
World	5.6	9.4	3.8	0.0	14.9	23	18
U.S.	10.1	16.9	1.4	0.1	5.3	21	20
Foreign	5.7	9.6	3.0	0.0	12.1	21	19
Exports							
World	10.2	17.2	2.4	0.1	11.6	23	18
U.S.	26.4	44.4	1.3	0.1	3.6	24	17
Foreign	13.3	22.4	1.9	0.0	9.8	19	22
Domestic Use							
World	5.3	8.9	3.5	0.0	21.6	19	22
U.S.	10.2	17.2	0.5	0.0	1.4	19	21
Foreign	5.3	9.0	3.4	0.1	21.0	18	23
Ending Stocks							
World	15.9	26.8	6.2	0.2	20.1	25	16
U.S.	42.3	71.2	1.5	0.1	4.9	18	23
Foreign	15.6	26.2	5.3	0.5	19.5	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.

## WASDE - 626 - 37

## Reliability of United States July Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final
<b>CORN</b>	<i>Percent</i>		<i>Million Bushels</i>				
Production	10.7	18.0	553	12	2,190	22	19
Exports	26.8	45.0	286	0	900	16	23
Domestic Use	4.8	8.0	266	0	770	25	15
Ending Stocks	51.5	86.7	476	11	1,840	19	22
<b>SORGHUM</b>							
Production	17.7	29.7	66	3	213	24	17
Exports	40.0	67.4	48	0	170	20	20
Domestic Use	29.3	49.4	52	3	139	17	24
Ending Stocks	64.7	109.0	44	0	174	15	25
<b>BARLEY</b>							
Production	7.6	12.7	19	0	87	14	26
Exports	63.9	107.6	13	0	92	25	14
Domestic Use	9.8	16.5	24	0	87	16	24
Ending Stocks	21.5	36.2	24	0	114	17	23
<b>OATS</b>							
Production	12.5	21.0	19	0	144	6	33
Exports	93.7	157.8	1	0	8	12	12
Domestic Use	6.8	11.5	16	0	67	11	26
Ending Stocks	23.6	39.8	14	0	68	16	24
<b>SOYBEAN MEAL</b>	<i>Thousand Short Tons</i>						
Production	5.1	8.5	1,218	118	4,432	29	12
Exports	14.7	24.8	863	50	2,450	23	18
Domestic Use	5.5	9.2	911	76	4,470	20	21
Ending Stocks	38.9	65.5	49	0	413	11	18
<b>SOYBEAN OIL</b>	<i>Million Pounds</i>						
Production	4.8	8.1	597	55	2,130	30	11
Exports	33.6	56.6	422	0	1,575	23	17
Domestic Use	4.3	7.2	503	0	2,300	23	17
Ending Stocks	38.6	64.9	467	15	1,568	21	20
<b>ANIMAL PROD.</b>	<i>Million Pounds</i>						
Beef	3.8	6.4	728	60	2,677	19	9
Pork	2.9	4.9	454	20	1,372	13	15
Broilers	2.1	3.6	609	20	1,338	12	16
Turkeys	3.9	6.6	166	2	468	10	18
	<i>Million Dozen</i>						
Eggs	1.8	3.1	107	4	445	19	9
	<i>Billion Pounds</i>						
Milk	1.6	2.7	2.4	0.1	7.0	16	12

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 1994 through 2021 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1994-2021.

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## Related USDA Reports

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

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## Supply and Demand Database

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

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## Foreign Production Assessments

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

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## Metric Conversion Factors

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**1 Hectare = 2.4710 Acres**

**1 Kilogram = 2.20462 Pounds**

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



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

**WASDE-626 – July 12, 2022**

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