

# World Agricultural Supply and Demand Estimates

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WASDE - 625

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**WHEAT:** The outlook for 2022/23 U.S. wheat this month is for increased supplies, unchanged domestic use and exports, and higher stocks. Supplies are raised on higher production with all wheat production projected at 1,737 million bushels, up 8 million from last month. NASS raised winter wheat production to 1,182 million bushels as increases for Soft Red Winter and White Winter more than offset a reduction for Hard Red Winter. The all wheat yield is 46.9 bushels per acre, up 0.3 bushels from last month. Projected 2022/23 ending stocks are raised 8 million bushels to 627 million, still down 4 percent from 2021/22. The projected 2022/23 season-average farm price is unchanged at \$10.75 per bushel, compared to \$7.70 for 2021/22.

The global wheat outlook for 2022/23 is for lower supplies, reduced consumption, fractionally lower trade, and slightly lower ending stocks. Supplies are decreased by 1.7 million tons to 1,052.8 million as lower India production more than offsets an increase for Russia. India's production is lowered 2.5 million tons to 106.0 million as extreme temperatures in March and April reduced yields during grain fill. Russia's production is raised 1.0 million tons to 81.0 million with all of the increase in winter wheat on generally favorable weather conditions to date. Projected 2022/23 world consumption is reduced 1.5 million tons to 786.0 million mainly on lower feed and residual use for India and less food, seed, and industrial use for Sri Lanka and Argentina.

Projected 2022/23 global trade is decreased 0.3 million tons to 204.6 million as lower exports from India are not completely offset by higher exports from Russia and Uzbekistan. India's exports are reduced 2.0 million tons to 6.5 million as the government intends to restrict exports to some destinations to ensure sufficient domestic supplies. Russia's exports are raised 1.0 million tons to 40.0 million, which would be the second largest on record. Russia's supplies are projected higher for 2022/23 and its export prices are more competitive than most other exporters. Projected 2022/23 world ending stocks are lowered 0.2 million tons to 266.9 million, a six-year low.

**COARSE GRAINS:** This month's 2022/23 U.S. corn outlook is for larger beginning stocks, slightly higher use, and increased ending stocks. Corn area and yield forecasts are unchanged. USDA will release its *Acreage* report on June 30, which will provide survey-based indications of planted and harvested area. Beginning stocks are up 45 million bushels mostly reflecting a forecast decline in exports for 2021/22. Exports are lowered 50 million bushels, based on reported U.S. Census Bureau shipments through the month of April and export inspection data for the month of May. Food, seed, and industrial use (FSI) is raised 5 million bushels as projected increases in the amount of corn used for glucose and dextrose and starch is partially offset by a decline in high fructose corn syrup. These FSI use changes are carried through for 2022/23. With no other 2022/23 use changes, ending stocks are

raised 40 million bushels. The season-average farm price received by producers is unchanged at \$6.75 per bushel.

Global coarse grain production for 2022/23 is forecast 3.3 million tons higher to 1,479.2 million. This month's foreign coarse grain outlook is for larger production, lower trade, and higher ending stocks relative to last month. Corn production is raised for Ukraine, reflecting higher area based on data reported by the government. Barley production is lowered for the EU, mostly on forecast declines for Spain and France that are partially offset by an increase for Germany. Barley production for Australia and Ukraine is reduced based on declines in area.

Major global trade changes for 2022/23 include larger corn imports for the EU, but reductions for Morocco, Jordan, and Peru. Barley exports are lowered for Australia, the EU, and Ukraine. Foreign corn ending stocks are raised relative to last month, mostly on increases for Ukraine and Russia. Global corn ending stocks, at 310.5 million tons, are up 5.3 million from last month.

**RICE:** The outlook for 2022/23 U.S. rice this month is for higher beginning and ending stocks with no other changes to the 2022/23 balance sheet. The 2022/23 all rice beginning stocks are increased 1.0 million cwt to 38.5 million, due to a combination of higher imports and lower exports in 2021/22. For 2021/22, all-rice imports are raised 1.0 million cwt to a record 35.5 million on increased shipments from Asia in the first four months of 2022 as indicated by Census data. All rice 2021/22 domestic and residual use is increased by 1.0 million cwt to 148.5 million as the increase in imports is expected to raise consumption by an equivalent amount. All rice 2021/22 exports are lowered 1.0 million cwt to 84.0 million (all long-grain) on a recent extremely slow pace of sales as U.S. rice prices are increasingly uncompetitive. The 2022/23 all rice season average farm price (SAFP) is unchanged at \$17.80 per cwt, up \$1.90 from the revised 2021/22 SAFP.

The 2022/23 global outlook is for smaller supplies, increased consumption, unchanged trade, and lower stocks. Supplies are lowered 2.0 million tons to 702.7 million, primarily on lower beginning stocks for India that were only partly offset by larger production in India and Peru. Rice production in India for 2021/22 is raised 0.7 million tons to 129.7 million on revised estimates from the Government of India. India's domestic consumption is raised 3.5 million tons in 2021/22 to 107.0 million on higher-than-expected use in food assistance programs. World 2022/23 consumption is raised 0.8 million tons to a record 519.2 million, mainly on increased consumption in India. Projected 2022/23 global ending stocks are lowered 2.8 million tons to 183.4 million, down 4.6 million from the record high in 2020/21 and the second year of declining global stocks after consecutive year-after-year growth from 2006/07 through 2020/21.

**OILSEEDS:** This month's U.S. soybean supply and use projections for 2022/23 include lower beginning and ending stocks and higher prices. Lower beginning stocks reflects increased exports for 2021/22. Soybean exports for 2021/22 are raised 30 million bushels to 2.17 billion reflecting strong export sales and a reduced export forecast for Brazil. With reduced supplies for 2022/23 and no use changes, soybean ending stocks are projected at 280 million bushels, down 30 million. The soybean price is forecast at \$14.70 per bushel, up 30 cents from last month.

Global oilseed production for 2022/23 is lowered 0.3 million tons to 646.8 million as lower sunflowerseed is partly offset by higher rapeseed and soybean output. Sunflowerseed production is lowered and soybean production is raised for Ukraine based on planting progress reports. Rapeseed production is raised for Australia on higher harvested area.

Global 2022/23 soybean ending stocks are raised 0.9 million tons to 100.5 million, driven mainly by higher beginning stocks for Argentina and Brazil. Argentina's 2021/22 soybean production is raised 1.4 million tons to 43.4 million on better-than-expected reported yields. Brazil's 2021/22 soybean production is raised 1.0 million tons to 126.0 million on higher area reported for Mato Grosso.

**SUGAR:** U.S. 2022/23 sugar supply is reduced 302,937 short tons, raw value (STRV) on lower projected production and lower beginning stocks. With no change in use, ending stocks are reduced to 962,890 STRV, implying a stocks-to-use ratio of 7.65 percent, down from 10.05 percent last month.

Beginning stocks for 2022/23 are reduced by 95,850 STRV, mostly on lower beet sugar production occurring in August-September as detailed below. U.S. sugarbeet production for 2022/23 is projected at 31.032 million tons, a reduction of 7.8 percent from last month. The reduction is based on late plantings that imply a national sugarbeet yield of 27.88 tons/acre, the lowest level since 2014/15 when similar delays in planting occurred. Beet sugar production over the 2022/23 August-July crop year is projected at 4,600,931 STRV. Unchanged from last month are forecasts of area harvested (1,113,200 acres), sucrose recovery from sliced beets (14.63 percent), sugar from desugared molasses (360,000 STRV), and sugar from imported beets (30,000 STRV). Shrink is reduced to 6.576 percent on processors' forecasts. Delayed planting implies a reduction in August-September sugar production of 100,000 STRV, now projected at 500,000. This reduction implies a decrease in fiscal year (FY) 2021/22 beet sugar production by that same amount for an estimate of 5,153,518 STRV. FY 2022/23 beet sugar production is projected at 4,809,393 STRV.

Cane sugar production for 2022/23 is reduced by 27,062 STRV on lower sugarcane area harvested expected by the processor in Texas. FTA imports are raised by 10,582 STRV on revised FAS data. Cane sugar processors in Florida and Texas reduced their estimates of 2021/22 production by a combined total of 8,864 STRV. A partial offset to these decreases comes from an increase in high-tier tariff imports due to additional raw sugar imports of 13,014 STRV entering in June.

Mexico production for 2021/22 is increased by 40,994 metric tons (MT) to 6,207,684 on an expected strong finish to the campaign in June and extending perhaps into July. Estimated national sugarcane yield at 68.62 MT/hectare and sucrose recovery at 11.34 percent are above recent-year averages. The pace of area harvested has picked up toward the end of the season and is estimated to finish at 797,405 hectares. The production forecast for 2022/23 at 6,000,000 MT is unchanged from last month. Deliveries for human consumption for 2021/22 are increased by 3.4 percent to 4,050,000 MT on a stronger pace compared with the weak pace of last year. The deliveries estimate is carried over to 2022/23. There are some adjustments in ending stocks and exports are residually reduced in both years to achieve supply-use balance. Export projections to the United States under license are unaffected by these changes.

**LIVESTOCK, POULTRY, AND DAIRY:** The total U.S. red meat and poultry production forecast for 2022 is raised from last month as higher beef and pork production more than offset lower poultry production. Beef production is raised with higher expected steer and heifer and cow slaughter more than offsetting lower expected carcass weights. Pork production is raised for the second quarter on the current pace of slaughter, although carcass weights are reduced slightly; no changes are made to the outlying quarters. The *Quarterly Hogs and Pigs* report, to be released on June 29, will provide indications of supplies of hogs for slaughter in the outlying quarters as well as into early 2023. Broiler production is reduced on the pace of slaughter and recent hatchery data. Turkey production is reduced on the current pace of slaughter. The production forecasts for 2023 for beef, pork, broiler meat, and turkey meat are unchanged from last month.

For 2022, beef exports are raised reflecting stronger sales to several markets in Asia and the strength of demand is expected to carry into early 2023. Stronger demand in several key markets support higher pork, broiler meat, and turkey meat exports forecasts for 2022; the 2023 forecasts are unchanged. For 2022, the import projection for beef is lowered, while pork imports are raised reflecting recent trade data.

The 2022 cattle price forecast is unchanged from last month. Hog, broiler, and egg prices for the second quarter are lowered from last month on observed prices; no change is made to price forecasts for the outlying quarters. Second-quarter turkey prices are raised on prices to date, but no change is made to the price forecasts for the outlying quarters. No changes are made to the price forecasts for 2023.

Milk production for 2022 is forecast lower than last month on slower growth in milk-per-cow than previously expected. Milk per cow is also reduced slightly for 2023, resulting in lower forecast milk production. For 2022, commercial exports on a fat basis are unchanged from last month, but skim-solids exports are raised on stronger exports of whey and lactose. For 2023, exports are raised on a fat basis due to stronger expected cheese exports but reduced on a skim-solids basis due to weaker expected sales of skim milk powder. Imports for 2022 are raised on stronger expected demand for cheese, butterfat products, and a number of other dairy products; strength in butterfat product imports is expected to carry into next year and the 2023 forecast is increased. Skim-solids imports are raised for 2022 but are unchanged for 2023.

Price forecasts for cheese, butter, and nonfat dry milk (NDM) are raised from the previous month on recent price strength and stronger anticipated demand. The whey price forecast is lowered on observed prices. With mostly stronger product prices, both Class III and Class IV prices are raised. The all milk price forecast is raised to \$26.20 per cwt for 2022. Continued strengthening in demand, coupled with modest growth in production, is expected to support cheese, butter, and NDM prices in 2023. Thus, prices for those products are raised but whey prices are expected to remain under pressure and the forecast for 2023 is lowered. Nonetheless, the higher price for cheese more than offsets a weaker forecast whey price and the Class III price is forecast higher. Higher forecast butter and NDM prices result in a higher Class IV price. The 2023 all milk price is forecast higher at \$23.80 per cwt.

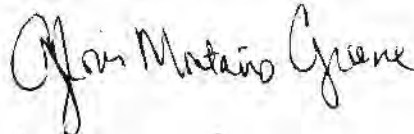
**COTTON:** The 2022/23 U.S. cotton supply and demand projections are unchanged from last month, with the exception of a 5-cent increase in the season-average upland farm price to 95 cents per pound. A sharply higher percentage of U.S. upland area has been forward

contracted for 2022/23 as of May 31, and futures prices for the post-harvest months remain strong. There are no changes to the 2021/22 U.S. balance sheet, and the projected farm price remains 92 cents.

The 2022/23 world cotton balance sheet includes slightly higher production and slightly lower consumption projections compared with the previous month, and ending stocks are virtually unchanged. Production is 200,000 bales higher due to a 100,000-bale increase for Egypt along with smaller changes for West African producers. Global consumption is 450,000 bales lower, with the largest declines in Mexico, Bangladesh, and Vietnam. Beginning stocks for 2022/23 are also lower this month as a 1.5-million-bale decline in 2021/22 global production more than offsets a 1.25-million-bale decline in projected consumption. A 1.0-million-bale drop in India's crop accounts for most of the production change, with lower yield expectations in Brazil accounting for the remainder. Consumption is projected 500,000 bales lower in both China and India, with smaller declines for Mexico and Vietnam.

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

APPROVED BY:

A handwritten signature in black ink that reads "Gloria Montañó Greene". The signature is written in a cursive, flowing style.

GLORIA MONTAÑO GREENE  
SECRETARY OF AGRICULTURE DESIGNATE

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**In 2022 the WASDE report will be released on Jul 12, 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	3541.97	488.17	2739.62	802.36
	2021/22 (Est.)		2794.47	3596.83	498.23	2793.82	803.01
	2022/23 (Proj.)	May	2765.33	3569.54	487.29	2785.91	783.63
		Jun	2767.97	3570.98	486.34	2785.00	785.98
Wheat	2020/21		775.71	1073.87	203.34	782.30	291.57
	2021/22 (Est.)		779.03	1070.61	199.39	791.21	279.40
	2022/23 (Proj.)	May	774.83	1054.55	204.89	787.52	267.02
		Jun	773.43	1052.83	204.59	785.99	266.85
Coarse Grains 5/	2020/21		1439.10	1776.54	233.90	1453.77	322.77
	2021/22 (Est.)		1501.77	1824.54	245.93	1488.24	336.30
	2022/23 (Proj.)	May	1475.87	1810.30	228.20	1479.95	330.35
		Jun	1479.19	1815.49	227.56	1479.80	335.69
Rice, milled	2020/21		509.29	691.57	50.93	503.55	188.01
	2021/22 (Est.)		513.67	701.69	52.91	514.38	187.31
	2022/23 (Proj.)	May	514.63	704.70	54.20	518.44	186.26
		Jun	515.35	702.65	54.20	519.22	183.44
<b>United States</b>							
Total Grains 4/	2020/21		429.86	516.87	107.45	351.02	58.40
	2021/22 (Est.)		449.59	514.24	94.39	360.50	59.35
	2022/23 (Proj.)	May	434.96	500.26	92.08	352.87	55.31
		Jun	435.17	501.71	92.08	353.00	56.63
Wheat	2020/21		49.75	80.46	26.99	30.48	23.00
	2021/22 (Est.)		44.79	70.38	21.91	30.65	17.82
	2022/23 (Proj.)	May	47.05	68.14	21.09	30.21	16.84
		Jun	47.26	68.35	21.09	30.21	17.05
Coarse Grains 5/	2020/21		372.89	427.19	77.48	315.70	34.01
	2021/22 (Est.)		398.71	435.26	69.81	325.14	40.30
	2022/23 (Proj.)	May	382.10	423.92	68.39	318.12	37.41
		Jun	382.10	425.13	68.39	318.25	38.50
Rice, milled	2020/21		7.22	9.22	2.98	4.85	1.39
	2021/22 (Est.)		6.09	8.60	2.67	4.72	1.22
	2022/23 (Proj.)	May	5.80	8.20	2.60	4.54	1.05
		Jun	5.80	8.23	2.60	4.54	1.09

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



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

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks
Total Grains 4/	2020/21	2,294.23	3,025.10	380.72	2,388.60	743.96
	2021/22 (Est.)	2,344.89	3,082.59	403.84	2,433.32	743.66
	2022/23 (Proj.)	2,330.37	3,069.27	395.20	2,433.04	728.32
	May Jun	2,332.80	3,069.27	394.26	2,432.01	729.35
Wheat	2020/21	725.96	993.41	176.36	751.82	268.57
	2021/22 (Est.)	734.24	1,000.23	177.48	760.56	261.58
	2022/23 (Proj.)	727.78	986.41	183.80	757.31	250.19
	May Jun	726.17	984.48	183.49	755.78	249.80
Coarse Grains 5/	2020/21	1,066.21	1,349.34	156.42	1,138.07	288.76
	2021/22 (Est.)	1,103.06	1,389.28	176.12	1,163.09	296.00
	2022/23 (Proj.)	1,093.77	1,386.37	159.81	1,161.83	292.93
	May Jun	1,097.09	1,390.36	159.17	1,161.55	297.20
Rice, milled	2020/21	502.06	682.35	47.95	498.71	186.63
	2021/22 (Est.)	507.58	693.08	50.24	509.67	186.08
	2022/23 (Proj.)	508.83	696.50	51.60	513.90	185.20
	May Jun	509.55	694.42	51.60	514.67	182.35

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	48.51	121.69	88.07
	2021/22 (Est.)	116.94	205.02	45.17	121.69	82.95
	2022/23 (Proj.)	121.06	204.71	47.56	121.99	82.82
	May Jun	121.27	204.21	47.48	121.54	82.77
United States	2020/21	14.61	21.86	16.37	2.40	3.15
	2021/22 (Est.)	17.52	20.68	14.75	2.55	3.40
	2022/23 (Proj.)	16.50	19.91	14.50	2.50	2.90
	May Jun	16.50	19.91	14.50	2.50	2.90
Foreign 4/	2020/21	96.87	187.27	32.14	119.29	84.92
	2021/22 (Est.)	99.42	184.34	30.42	119.14	79.55
	2022/23 (Proj.)	104.56	184.80	33.06	119.49	79.92
	May Jun	104.77	184.31	32.98	119.04	79.87

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

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

<b>World</b>			Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2020/21		606.57	718.63	191.41	507.97	115.13
	2021/22 (Est.)		599.04	714.17	178.64	511.08	104.89
	2022/23 (Proj.)	May	647.15	750.31	196.35	528.05	119.06
		Jun	646.82	751.71	196.95	528.30	119.95
Oilmeals	2020/21		348.17	368.24	96.72	344.28	18.46
	2021/22 (Est.)		349.85	368.31	95.06	345.02	17.67
	2022/23 (Proj.)	May	361.98	379.33	97.32	354.91	18.26
		Jun	362.24	379.91	97.18	355.27	18.72
Vegetable Oils	2020/21		206.55	235.72	85.31	205.01	27.46
	2021/22 (Est.)		211.64	239.10	81.18	207.32	27.65
	2022/23 (Proj.)	May	217.72	244.86	88.15	212.91	28.13
		Jun	217.72	245.37	88.04	212.26	29.12
<b>United States</b>							
Oilseeds	2020/21		124.52	141.69	62.64	62.66	8.64
	2021/22 (Est.)		130.54	140.28	60.05	64.16	7.22
	2022/23 (Proj.)	May	136.60	145.77	60.89	65.75	10.14
		Jun	136.60	144.97	60.89	65.76	9.32
Oilmeals	2020/21		48.25	53.01	12.71	39.92	0.39
	2021/22 (Est.)		49.31	53.24	12.90	39.91	0.44
	2022/23 (Proj.)	May	50.64	54.92	13.30	41.08	0.54
		Jun	50.64	54.92	13.30	41.08	0.54
Vegetable Oils	2020/21		12.70	18.86	1.04	16.53	1.29
	2021/22 (Est.)		13.11	19.64	1.07	17.33	1.24
	2022/23 (Proj.)	May	13.43	20.09	0.87	18.06	1.16
		Jun	13.43	20.09	0.87	18.07	1.15
<b>Foreign 3/</b>							
Oilseeds	2020/21		482.05	576.93	128.77	445.31	106.49
	2021/22 (Est.)		468.50	573.89	118.59	446.92	97.67
	2022/23 (Proj.)	May	510.54	604.53	135.46	462.31	108.92
		Jun	510.22	606.74	136.06	462.54	110.63
Oilmeals	2020/21		299.92	315.22	84.01	304.37	18.07
	2021/22 (Est.)		300.54	315.07	82.16	305.11	17.24
	2022/23 (Proj.)	May	311.34	324.42	84.02	313.83	17.72
		Jun	311.60	325.00	83.88	314.19	18.18
Vegetable Oils	2020/21		193.85	216.86	84.27	188.48	26.16
	2021/22 (Est.)		198.53	219.46	80.11	189.99	26.40
	2022/23 (Proj.)	May	204.29	224.76	87.27	194.85	26.97
		Jun	204.30	225.28	87.17	194.19	27.97

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

## WASDE - 625 - 11

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

	2020/21	2021/22 Est.	2022/23 Proj. May	2022/23 Proj. Jun
			<i>Million Acres</i>	
Area Planted	44.5	46.7	47.4 *	47.4 *
Area Harvested	36.8	37.2	37.1 *	37.1 *
			<i>Bushels</i>	
Yield per Harvested Acre	49.7	44.3	46.6 *	46.9 *
			<i>Million Bushels</i>	
Beginning Stocks	1,028	845	655	655
Production	1,828	1,646	1,729	1,737
Imports	100	95	120	120
Supply, Total	2,957	2,586	2,504	2,512
Food	961	962	964	964
Seed	64	64	66	66
Feed and Residual	95	100	80	80
Domestic, Total	1,120	1,126	1,110	1,110
Exports	992	805	775	775
Use, Total	2,111	1,931	1,885	1,885
Ending Stocks	845	655	619	627
Avg. Farm Price (\$/bu) 2/	5.05	7.70	10.75	10.75

## 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 Bushels</i>					
2021/22 (Est.)	Beginning Stocks	428	235	85	70	27	845
	Production	749	297	361	201	37	1,646
	Supply, Total 3/	1,182	572	451	276	105	2,586
	Domestic Use	502	250	229	80	66	1,126
	Exports	320	210	115	145	15	805
	Use, Total	822	460	344	225	81	1,931
	Ending Stocks, Total	361	112	107	51	24	655
	Ending Stocks, Total	361	112	107	51	24	655

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. \* Planted acres reported in the March 31, 2022, "Prospective Plantings." Harvested acres 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 May, winter wheat harvested acres and yield reported in the May 12, 2022, "Crop Production." For June, winter wheat harvested acres and yield reported in the June 10, 2022, "Crop Production." \*\* Wheat-by-class projections for 2022/23 will first be published in the July 12, 2022, WASDE.

## WASDE - 625 - 12

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

FEED GRAINS	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			May	Jun
			<i>Million Acres</i>	
Area Planted	102.3	105.9	101.2 *	101.2 *
Area Harvested	90.6	94.5	90.5 *	90.5 *
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.11	4.22	4.22	4.22
			<i>Million Metric Tons</i>	
Beginning Stocks	51.8	34.0	39.1	40.3
Production	372.6	398.5	381.8	381.8
Imports	2.2	2.3	2.5	2.5
Supply, Total	426.6	434.7	423.3	424.5
Feed and Residual	146.3	147.4	139.6	139.6
Food, Seed & Industrial	168.9	177.3	178.0	178.1
Domestic, Total	315.2	324.6	317.5	317.7
Exports	77.5	69.8	68.4	68.4
Use, Total	392.6	394.4	385.9	386.0
Ending Stocks	34.0	40.3	37.4	38.5
<b>CORN</b>				
			<i>Million Acres</i>	
Area Planted	90.7	93.4	89.5 *	89.5 *
Area Harvested	82.3	85.4	81.7 *	81.7 *
			<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	1,440	1,485
Production	14,111	15,115	14,460	14,460
Imports	24	25	25	25
Supply, Total	16,055	16,375	15,925	15,970
Feed and Residual	5,597	5,625	5,350	5,350
Food, Seed & Industrial 2/	6,471	6,815	6,815	6,820
Ethanol & by-products 3/	5,033	5,375	5,375	5,375
Domestic, Total	12,068	12,440	12,165	12,170
Exports	2,753	2,450	2,400	2,400
Use, Total	14,821	14,890	14,565	14,570
Ending Stocks	1,235	1,485	1,360	1,400
Avg. Farm Price (\$/bu) 4/	4.53	5.95	6.75	6.75

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at [www.ers.usda.gov/data-products/feed-grains-database.aspx](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. \* Planted acres reported in the March 31, 2022, "Prospective Plantings." For corn, harvested acres projected based on historical abandonment and use for silage. 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 - 625 - 13

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

SORGHUM	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			May	Jun
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.9	7.3	6.2 *	6.2 *
Area Harvested (mil. acres)	5.1	6.5	5.5 *	5.5 *
Yield (bushels/acre)	73.2	69.0	69.3 *	69.3 *
Beginning Stocks	30	20	33	33
Production	373	448	381	381
Imports	0	0	0	0
Supply, Total	403	468	414	414
Feed and Residual	92	125	85	85
Food, Seed & Industrial	7	20	20	20
Total Domestic	99	145	105	105
Exports	284	290	285	285
Use, Total	383	435	390	390
Ending Stocks	20	33	24	24
Avg. Farm Price (\$/bu) 2/	5.04	5.95	6.65	6.65
<b>BARLEY</b>				
Area Planted (mil. acres)	2.7	2.7	2.9 *	2.9 *
Area Harvested (mil. acres)	2.2	1.9	2.4 *	2.4 *
Yield (bushels/acre)	77.2	60.4	75.4 *	75.4 *
Beginning Stocks	80	71	57	60
Production	171	118	181	181
Imports	7	14	9	9
Supply, Total	258	203	247	250
Feed and Residual	26	20	15	15
Food, Seed & Industrial	147	115	145	145
Total Domestic	172	135	160	160
Exports	14	8	7	7
Use, Total	186	143	167	167
Ending Stocks	71	60	80	83
Avg. Farm Price (\$/bu) 2/	4.75	5.35	7.35	7.35
<b>OATS</b>				
Area Planted (mil. acres)	3.0	2.6	2.5 *	2.5 *
Area Harvested (mil. acres)	1.0	0.7	0.9 *	0.9 *
Yield (bushels/acre)	65.1	61.3	65.6 *	65.6 *
Beginning Stocks	37	38	28	28
Production	66	40	59	59
Imports	85	78	95	95
Supply, Total	188	156	182	182
Feed and Residual	68	45	65	65
Food, Seed & Industrial	78	80	81	81
Total Domestic	147	125	146	146
Exports	3	3	2	2
Use, Total	150	128	148	148
Ending Stocks	38	28	34	34
Avg. Farm Price (\$/bu) 2/	2.77	4.40	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. \* 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 projected 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.

## WASDE - 625 - 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.
			May	Jun
		<i>Million Acres</i>		
Area Planted	3.04	2.53	2.45 *	2.45 *
Area Harvested	2.99	2.49	2.41 *	2.41 *
		<i>Pounds</i>		
Yield per Harvested Acre	7,619	7,709	7,596 *	7,596 *
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	28.7	43.7	37.5	38.5
Production	227.5	191.8	182.7	182.7
Imports	34.1	35.5	38.0	38.0
Supply, Total	290.2	271.0	258.2	259.2
Domestic & Residual 3/	152.7	148.5	143.0	143.0
Exports, Total 4/	93.9	84.0	82.0	82.0
Rough	34.6	32.0	34.0	34.0
Milled (rough equiv.)	59.3	52.0	48.0	48.0
Use, Total	246.6	232.5	225.0	225.0
Ending Stocks	43.7	38.5	33.2	34.2
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	14.40	15.90	17.80	17.80
<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	21.4	22.4
Imports	27.4	29.0	30.0	30.0
Production	170.8	144.6	140.9	140.9
Supply, Total 7/	215.1	203.4	192.3	193.3
Domestic & Residual 3/	120.2	118.0	113.0	113.0
Exports 8/	65.1	63.0	61.0	61.0
Use, Total	185.3	181.0	174.0	174.0
Ending Stocks	29.7	22.4	18.3	19.3
Avg. Farm Price (\$/cwt) 6/	12.60	13.80	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	13.6
Imports	6.7	6.5	8.0	8.0
Production	56.7	47.2	41.8	41.8
Supply, Total 7/	72.7	65.1	63.4	63.4
Domestic & Residual 3/	32.4	30.5	30.0	30.0
Exports 8/	28.8	21.0	21.0	21.0
Use, Total	61.2	51.5	51.0	51.0
Ending Stocks	11.5	13.6	12.4	12.4
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	20.10	22.20	24.80	24.80
California 10/	22.60	26.00	29.00	29.00
Other States 1/	13.00	14.10	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. \* Planted acres reported in March 31, 2022, "Prospective Plantings." Harvested acres are estimated using long run harvested-to-planted ratios by rice class. Projected yield is based on by class trend analysis.

## WASDE - 625 - 15

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

SOYBEANS	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			May	Jun
			<i>Million Acres</i>	
Area Planted	83.4	87.2	91.0 *	91.0 *
Area Harvested	82.6	86.3	90.1 *	90.1 *
			<i>Bushels</i>	
Yield per Harvested Acre	51.0	51.4	51.5 *	51.5 *
			<i>Million Bushels</i>	
Beginning Stocks	525	257	235	205
Production	4,216	4,435	4,640	4,640
Imports	20	15	15	15
Supply, Total	4,761	4,707	4,890	4,860
Crushings	2,141	2,215	2,255	2,255
Exports	2,261	2,170	2,200	2,200
Seed	101	106	102	102
Residual	1	12	23	23
Use, Total	4,504	4,502	4,580	4,580
Ending Stocks	257	205	310	280
Avg. Farm Price (\$/bu) 2/	10.80	13.35	14.40	14.70
<b>SOYBEAN OIL</b>				
			<i>Million Pounds</i>	
Beginning Stocks	1,853	2,131	1,976	1,951
Production 4/	25,023	26,205	26,430	26,430
Imports	302	400	500	500
Supply, Total	27,177	28,736	28,906	28,881
Domestic Disappearance	23,323	24,985	25,800	25,800
Biofuel 3/	8,850	10,700	12,000	12,000
Food, Feed & other Industrial	14,473	14,285	13,800	13,800
Exports	1,723	1,800	1,400	1,400
Use, Total	25,046	26,785	27,200	27,200
Ending stocks	2,131	1,951	1,706	1,681
Avg. Price (c/lb) 2/	56.87	75.00	70.00	70.00
<b>SOYBEAN MEAL</b>				
			<i>Thousand Short Tons</i>	
Beginning Stocks	341	341	400	400
Production 4/	50,565	51,859	53,050	53,050
Imports	783	500	450	450
Supply, Total	51,689	52,700	53,900	53,900
Domestic Disappearance	37,580	38,300	39,000	39,000
Exports	13,768	14,000	14,400	14,400
Use, Total	51,348	52,300	53,400	53,400
Ending Stocks	341	400	500	500
Avg. Price (\$/s.t.) 2/	392.31	425.00	400.00	400.00

Note: Totals may not add due to rounding. Reliability calculations at end of report. 1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and soybean meal. 2/ Prices: soybeans, marketing year weighted average price received by farmers; oil, simple average of crude soybean oil, Decatur; meal, simple average of 48 percent protein, Decatur. 3/ Reflects soybean oil used for biofuels as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 2,215 million bushels for 2021/22 and 2,255 million bushels for 2022/23. \*Planted acres are reported in the March 31, 2022 Prospective Plantings report. Harvested acres are based historical planted-to-harvested ratios. The projected yield is based on a weather-adjusted trend model and assumes normal weather.

## WASDE - 625 - 16

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

	2020/21	2021/22 Est.	2022/23 Proj. May	2022/23 Proj. Jun
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,618	1,705	1,813	1,717
Production 2/	9,233	9,120	9,040	8,822
Beet Sugar	5,092	5,154	5,000	4,809
Cane Sugar	4,141	3,967	4,040	4,013
Florida	2,090	1,938	2,000	2,000
Louisiana	1,918	1,906	1,910	1,910
Texas	134	122	130	103
Imports	3,195	3,482	3,003	3,013
TRQ 3/	1,749	1,727	1,379	1,390
Other Program 4/	292	300	250	250
Non-program	1,154	1,455	1,373	1,373
Mexico	968	1,220	1,323	1,323
High-tier tariff/other	186	235	50	50
Total Supply	14,046	14,307	13,856	13,553
Exports	49	35	35	35
Deliveries	12,252	12,555	12,555	12,555
Food	12,135	12,450	12,450	12,450
Other 5/	116	105	105	105
Miscellaneous	40	0	0	0
Total Use	12,341	12,590	12,590	12,590
Ending Stocks	1,705	1,717	1,266	963
Stocks to Use Ratio	13.8	13.6	10.1	7.6

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 (71) 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.	May	1,053	6,167	50	4,412	1,937	921
		Jun	1,053	6,208	50	4,547	1,817	947
2022/23 Proj.	May	921	6,000	50	4,422	1,628	921	
	Jun	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 - Apr 2022 = 726, Oct - Apr 2021 = 756. Footnote source for estimate: Comité Nacional para el Desarrollo Sustentable de la Cana de Azúcar. 2/Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2021/22 (497 est =462 dom.+35 import); 2022/23 (497 proj = 462 dom.+35 import). Statistical Adjustments: 2021/22 (0), 2022/23 (0).



## WASDE - 625 - 17

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

	2020/21	2021/22 Est.	2022/23 Proj. May	2022/23 Proj. Jun
Area				
			<i>Million Acres</i>	
Planted	12.09	11.22	12.23 *	12.23 *
Harvested	8.22	10.27	9.14 *	9.14 *
			<i>Pounds</i>	
Yield per Harvested Acre	853	819	867 *	867 *
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	7.25	3.15	3.40	3.40
Production	14.61	17.52	16.50	16.50
Imports	0.00	0.01	0.01	0.01
Supply, Total	21.86	20.68	19.91	19.91
Domestic Use	2.40	2.55	2.50	2.50
Exports, Total	16.37	14.75	14.50	14.50
Use, Total	18.77	17.30	17.00	17.00
Unaccounted 2/	-0.06	-0.02	0.01	0.01
Ending Stocks	3.15	3.40	2.90	2.90
Avg. Farm Price 3/	66.3	92.0	90.0	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.

## WASDE - 625 - 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/	298.16	775.71	195.37	158.03	782.30	203.34	291.57
World Less China	148.15	641.46	184.75	118.03	632.30	202.58	147.45
United States	27.99	49.75	2.73	2.59	30.48	26.99	23.00
Total Foreign	270.18	725.96	192.64	155.44	751.82	176.36	268.57
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	195.39	161.31	791.21	199.39	279.40
World Less China	147.45	642.09	185.69	126.31	643.21	198.54	137.48
United States	23.00	44.79	2.59	2.72	30.65	21.91	17.82
Total Foreign	268.57	734.24	192.80	158.59	760.56	177.48	261.58
Major Exporters 4/	35.70	326.69	5.70	78.55	185.85	141.00	41.24
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	15.50	2.92
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	0.10	4.00	10.00	19.00	5.61
Major Importers 6/	183.04	203.23	130.50	53.60	323.65	14.94	178.18
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	27.35	1.87	47.02	0.40	11.50
Nigeria	0.79	0.09	6.20	0.05	5.85	0.60	0.63
Sel. Mideast 8/	10.70	16.50	23.05	3.88	38.93	0.71	10.60
Southeast Asia 9/	5.56	0.00	26.00	7.30	25.33	1.16	5.07
Selected Other							
India	27.80	109.59	0.03	7.00	107.91	8.03	21.47
Kazakhstan	1.48	11.81	1.40	1.45	6.25	7.00	1.44
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 - 625 - 19

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

2022/23 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	May	279.72	774.83	201.26	153.53	787.52	204.89	267.02
	Jun	279.40	773.43	201.46	153.06	785.99	204.59	266.85
World Less China	May	137.80	639.83	191.76	123.53	643.52	203.99	125.51
	Jun	137.48	638.43	191.96	123.06	641.99	203.69	125.33
United States	May	17.82	47.05	3.27	2.18	30.21	21.09	16.84
	Jun	17.82	47.26	3.27	2.18	30.21	21.09	17.05
Total Foreign	May	261.89	727.78	198.00	151.35	757.31	183.80	250.19
	Jun	261.58	726.17	198.20	150.89	755.78	183.49	249.80
Major Exporters 4/	May	41.39	321.00	6.21	77.55	185.15	147.00	36.44
	Jun	41.24	321.60	6.21	77.55	184.95	148.00	36.09
Argentina	May	2.33	20.00	0.01	0.05	6.55	14.00	1.78
	Jun	1.43	20.00	0.01	0.05	6.35	14.00	1.08
Australia	May	4.83	30.00	0.20	4.00	7.55	24.00	3.48
	Jun	4.83	30.00	0.20	4.00	7.55	24.00	3.48
Canada	May	2.92	33.00	0.60	4.00	9.10	24.00	3.42
	Jun	2.92	33.00	0.60	4.00	9.10	24.00	3.42
European Union 5/	May	13.61	136.50	5.00	44.50	108.50	36.00	10.61
	Jun	14.36	136.10	5.00	44.50	108.50	36.00	10.96
Russia	May	12.09	80.00	0.30	19.00	42.25	39.00	11.14
	Jun	12.09	81.00	0.30	19.00	42.25	40.00	11.14
Ukraine	May	5.61	21.50	0.10	6.00	11.20	10.00	6.01
	Jun	5.61	21.50	0.10	6.00	11.20	10.00	6.01
Major Importers 6/	May	178.16	201.50	132.80	46.89	320.91	15.02	176.53
	Jun	178.18	201.40	132.65	47.30	321.15	15.02	176.06
Bangladesh	May	2.27	1.10	7.50	0.60	8.70	0.00	2.17
	Jun	2.27	1.10	7.00	0.60	8.70	0.00	1.67
Brazil	May	1.16	8.50	6.40	0.55	12.05	2.80	1.21
	Jun	1.16	8.50	6.40	0.55	12.05	2.80	1.21
China	May	141.92	135.00	9.50	30.00	144.00	0.90	141.52
	Jun	141.92	135.00	9.50	30.00	144.00	0.90	141.52
Japan	May	1.08	1.15	5.30	0.60	6.10	0.30	1.13
	Jun	1.08	1.15	5.30	0.60	6.10	0.30	1.13
N. Africa 7/	May	12.05	17.25	29.20	1.87	47.72	0.51	10.27
	Jun	11.50	17.15	29.20	1.82	47.67	0.51	9.68
Nigeria	May	0.63	0.11	6.50	0.00	6.00	0.60	0.64
	Jun	0.63	0.11	6.50	0.00	6.00	0.60	0.64
Sel. Mideast 8/	May	10.14	17.59	22.97	3.42	39.34	0.77	10.59
	Jun	10.60	17.59	23.32	3.88	39.63	0.77	11.12
Southeast Asia 9/	May	4.97	0.00	26.03	6.70	25.05	1.15	4.80
	Jun	5.07	0.00	26.03	6.70	25.05	1.15	4.90
Selected Other								
	India	May	21.35	108.50	0.03	7.00	105.00	8.50
	Jun	21.47	106.00	0.03	6.50	104.50	6.50	16.49
Kazakhstan	May	1.44	13.00	1.00	1.40	6.23	8.00	1.21
	Jun	1.44	13.00	1.00	1.40	6.23	8.00	1.21
United Kingdom	May	1.70	14.40	2.00	7.70	15.70	0.90	1.50
	Jun	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 - 625 - 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/	337.44	1,439.10	234.28	902.12	1,453.77	233.90	322.77
World Less China	136.48	1,170.02	183.75	681.17	1,140.66	233.89	115.31
United States	51.83	372.89	2.48	146.47	315.70	77.48	34.01
Total Foreign	285.61	1,066.21	231.80	755.65	1,138.07	156.42	288.76
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/	36.36	252.76	137.80	294.60	377.01	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/	7.77	32.61	38.85	63.25	71.46	0.69	7.09
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/	322.77	1,501.77	226.80	915.19	1,488.24	245.93	336.30
World Less China	115.31	1,220.92	184.45	687.64	1,168.49	245.88	125.45
United States	34.01	398.71	2.54	147.50	325.14	69.81	40.30
Total Foreign	288.76	1,103.06	224.26	767.69	1,163.09	176.12	296.00
Major Exporters 4/	19.27	335.05	6.63	144.25	189.42	146.66	24.88
Argentina	2.06	62.91	0.01	11.79	17.51	45.00	2.47
Australia	2.44	18.40	0.00	5.50	7.38	11.58	1.89
Brazil	4.60	120.62	2.50	66.10	78.04	44.51	5.18
Canada	3.61	24.21	3.97	16.49	23.79	5.05	2.95
Russia	1.90	38.54	0.10	21.73	30.41	8.26	1.87
Ukraine	1.65	53.51	0.03	15.24	18.37	29.06	7.77
Major Importers 5/	36.70	248.50	137.82	289.61	372.73	15.01	35.28
European Union 6/	14.64	154.08	17.42	117.74	157.31	13.37	15.46
Japan	1.66	0.24	16.92	13.41	17.25	0.00	1.57
Mexico	3.60	33.20	18.30	31.12	50.69	0.40	4.01
N. Afr & Mideast 7/	7.09	29.37	41.53	62.27	70.92	0.61	6.45
Saudi Arabia	1.33	0.20	8.81	8.56	8.91	0.00	1.43
Southeast Asia 8/	5.59	31.11	18.55	42.65	50.94	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 - 625 - 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/	May	334.42	1,475.87	221.24	912.83	1,479.95	228.20	330.35
	Jun	336.30	1,479.19	220.51	912.76	1,479.80	227.56	335.69
World Less China	May	123.57	1,196.57	183.39	680.78	1,156.70	228.15	125.64
	Jun	125.45	1,199.89	182.66	680.71	1,156.55	227.51	130.99
United States	May	39.10	382.10	2.72	139.81	318.12	68.39	37.41
	Jun	40.30	382.10	2.72	139.81	318.25	68.39	38.50
Total Foreign	May	295.33	1,093.77	218.52	773.03	1,161.83	159.81	292.93
	Jun	296.00	1,097.09	217.78	772.95	1,161.56	159.17	297.20
Major Exporters 4/	May	24.39	326.67	4.50	144.53	190.95	134.84	29.76
	Jun	24.88	331.33	4.50	145.78	192.21	134.34	34.15
Argentina	May	2.46	64.92	0.01	11.97	17.77	47.20	2.42
	Jun	2.47	64.88	0.01	11.92	17.73	47.20	2.42
Australia	May	1.89	15.02	0.00	5.02	6.90	8.18	1.84
	Jun	1.89	14.52	0.00	4.82	6.70	7.88	1.84
Brazil	May	5.16	130.54	1.80	69.50	81.99	47.03	8.49
	Jun	5.18	130.54	1.80	69.50	81.99	47.03	8.50
Canada	May	2.95	29.81	2.54	17.36	24.75	7.25	3.30
	Jun	2.95	29.81	2.54	17.36	24.75	7.25	3.30
Russia	May	1.40	41.93	0.10	22.28	31.43	10.45	1.56
	Jun	1.87	41.93	0.10	22.28	31.43	10.45	2.03
Ukraine	May	7.77	26.56	0.00	11.02	14.15	11.03	9.15
	Jun	7.77	31.76	0.00	12.52	15.65	10.83	13.06
Major Importers 5/	May	35.28	247.97	137.93	289.01	372.40	13.82	34.97
	Jun	35.28	246.97	137.93	288.40	371.80	13.59	34.80
European Union 6/	May	15.43	151.62	16.09	115.75	155.38	12.27	15.48
	Jun	15.46	150.82	17.19	116.45	156.08	12.07	15.31
Japan	May	1.57	0.24	16.67	13.06	16.95	0.00	1.53
	Jun	1.57	0.24	16.67	13.06	16.95	0.00	1.53
Mexico	May	4.06	33.50	18.47	31.74	51.36	0.60	4.07
	Jun	4.01	33.50	18.47	31.74	51.36	0.60	4.02
N. Afr & Mideast 7/	May	6.43	30.72	40.31	62.40	70.92	0.37	6.17
	Jun	6.45	30.51	39.71	61.59	70.12	0.34	6.22
Saudi Arabia	May	1.43	0.19	9.51	9.55	9.91	0.00	1.23
	Jun	1.43	0.19	9.01	9.05	9.41	0.00	1.23
Southeast Asia 8/	May	3.67	31.41	20.81	42.85	51.40	0.58	3.90
	Jun	3.67	31.41	20.81	42.85	51.40	0.58	3.90
South Korea	May	2.06	0.22	11.60	9.24	11.80	0.00	2.09
	Jun	2.06	0.22	11.60	9.24	11.80	0.00	2.09
Selected Other								
China	May	210.86	279.30	37.85	232.05	323.25	0.05	204.71
	Jun	210.86	279.30	37.85	232.05	323.25	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 - 625 - 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/	307.47	1,129.00	185.34	723.48	1,143.22	182.87	293.25
World Less China	106.94	868.33	155.83	520.48	858.22	182.87	87.54
United States	48.76	358.45	0.62	142.18	306.54	69.92	31.36
Total Foreign	258.71	770.55	184.73	581.30	836.68	112.95	261.89
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/	293.25	1,216.07	179.45	748.70	1,198.39	196.73	310.92
World Less China	87.54	943.51	156.45	539.70	907.39	196.71	100.68
United States	31.36	383.94	0.64	142.88	315.99	62.23	37.71
Total Foreign	261.89	832.12	178.82	605.81	882.40	134.50	273.21
Major Exporters 4/	9.50	242.65	2.07	101.10	124.30	113.70	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	12.00	13.20	23.00	6.77
Major Importers 5/	22.08	136.71	90.80	166.40	221.75	6.53	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	59.60	80.20	5.50	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	31.06	16.60	40.90	48.95	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	3.80	10.80	16.00	1.80	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 - 625 - 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/	May	309.39	1,180.72	176.84	746.62	1,184.97	182.70	305.13
	Jun	310.92	1,185.81	176.68	747.93	1,186.28	182.67	310.45
World Less China	May	99.15	909.72	158.84	532.62	889.97	182.68	100.91
	Jun	100.68	914.81	158.68	533.93	891.28	182.65	106.23
United States	May	36.57	367.30	0.64	135.90	309.01	60.96	34.54
	Jun	37.71	367.30	0.64	135.90	309.13	60.96	35.55
Total Foreign	May	272.82	813.41	176.20	610.72	875.97	121.74	270.59
	Jun	273.21	818.51	176.05	612.03	877.15	121.71	274.89
Major Exporters 4/	May	15.92	233.30	1.36	100.80	124.70	105.00	20.87
	Jun	16.22	238.80	1.36	102.30	126.20	105.00	25.17
Argentina	May	1.49	55.00	0.01	10.00	14.00	41.00	1.49
	Jun	1.49	55.00	0.01	10.00	14.00	41.00	1.49
Brazil	May	4.65	126.00	1.30	65.50	77.00	47.00	7.95
	Jun	4.65	126.00	1.30	65.50	77.00	47.00	7.95
Russia	May	0.63	15.50	0.05	10.00	11.20	4.30	0.68
	Jun	0.93	15.50	0.05	10.00	11.20	4.30	0.98
South Africa	May	2.38	17.30	0.00	7.30	13.30	3.70	2.68
	Jun	2.38	17.30	0.00	7.30	13.30	3.70	2.68
Ukraine	May	6.77	19.50	0.00	8.00	9.20	9.00	8.07
	Jun	6.77	25.00	0.00	9.50	10.70	9.00	12.07
Major Importers 5/	May	21.36	134.82	91.95	164.90	220.55	5.89	21.69
	Jun	21.31	134.82	92.95	165.90	221.55	5.89	21.64
Egypt	May	1.59	7.44	9.20	13.90	16.40	0.01	1.83
	Jun	1.59	7.44	9.20	13.90	16.40	0.01	1.83
European Union 6/	May	8.68	68.25	15.00	58.00	78.60	4.70	8.63
	Jun	8.68	68.25	16.00	59.00	79.60	4.70	8.63
Japan	May	1.38	0.01	15.20	11.70	15.20	0.00	1.39
	Jun	1.38	0.01	15.20	11.70	15.20	0.00	1.39
Mexico	May	3.38	27.60	17.70	26.50	44.70	0.60	3.38
	Jun	3.33	27.60	17.70	26.50	44.70	0.60	3.33
Southeast Asia 7/	May	3.66	31.36	18.95	41.20	49.50	0.58	3.89
	Jun	3.66	31.36	18.95	41.20	49.50	0.58	3.89
South Korea	May	2.05	0.08	11.50	9.20	11.55	0.00	2.08
	Jun	2.05	0.08	11.50	9.20	11.55	0.00	2.08
Selected Other								
Canada	May	2.15	14.00	2.50	9.70	14.90	1.60	2.15
	Jun	2.15	14.00	2.50	9.70	14.90	1.60	2.15
China	May	210.24	271.00	18.00	214.00	295.00	0.02	204.22
	Jun	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 - 625 - 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/	182.28	509.29	46.46	503.55	50.93	188.01
World Less China	65.78	360.99	42.25	353.26	48.71	71.51
United States	0.91	7.22	1.08	4.85	2.98	1.39
Total Foreign	181.37	502.06	45.38	498.71	47.95	186.63
Major Exporters 4/	41.22	191.63	2.01	149.52	38.31	47.03
Burma	1.01	12.60	0.00	10.50	1.90	1.21
India	33.90	124.37	0.00	101.07	20.20	37.00
Pakistan	1.15	8.42	0.01	3.80	3.88	1.90
Thailand	3.98	18.86	0.20	12.70	6.06	4.28
Vietnam	1.18	27.38	1.80	21.45	6.27	2.64
Major Importers 5/	128.87	240.06	17.05	255.07	2.71	128.21
China	116.50	148.30	4.22	150.29	2.22	116.50
European Union 6/	0.90	1.83	1.78	3.40	0.45	0.66
Indonesia	3.31	34.50	0.65	35.40	0.00	3.06
Nigeria	1.49	5.15	2.20	7.15	0.00	1.69
Philippines	3.60	12.42	2.20	14.45	0.00	3.76
Sel. Mideast 7/	1.22	2.31	3.25	5.83	0.00	0.95
Selected Other						
Brazil	0.24	8.00	0.63	7.35	0.95	0.57
C. Amer & Carib 8/	0.67	1.59	1.62	3.29	0.04	0.55
Egypt	1.23	4.00	0.22	4.30	0.01	1.15
Japan	1.98	7.57	0.65	8.20	0.11	1.89
Mexico	0.17	0.20	0.81	0.96	0.02	0.20
South Korea	1.14	3.51	0.43	4.00	0.05	1.02

**2021/22 Est.**

World 3/	188.01	513.67	52.26	514.38	52.91	187.31
World Less China	71.51	364.68	46.66	358.54	50.66	74.31
United States	1.39	6.09	1.13	4.72	2.67	1.22
Total Foreign	186.63	507.58	51.13	509.67	50.24	186.08
Major Exporters 4/	47.03	197.69	1.01	156.06	41.15	48.52
Burma	1.21	12.35	0.00	10.50	2.30	0.77
India	37.00	129.66	0.00	106.96	21.00	38.70
Pakistan	1.90	8.70	0.01	4.10	4.35	2.15
Thailand	4.28	19.65	0.20	13.00	7.00	4.13
Vietnam	2.64	27.33	0.80	21.50	6.50	2.77
Major Importers 5/	128.21	241.91	20.50	261.92	2.72	125.98
China	116.50	148.99	5.60	155.84	2.25	113.00
European Union 6/	0.66	1.72	2.10	3.45	0.44	0.59
Indonesia	3.06	34.40	0.75	35.20	0.00	3.01
Nigeria	1.69	5.26	2.20	7.25	0.00	1.90
Philippines	3.76	12.47	3.20	15.20	0.00	4.24
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 - 625 - 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/	May	190.07	514.63	52.70	518.44	54.20	186.26
	Jun	187.31	515.35	52.48	519.22	54.20	183.44
World Less China	May	77.07	365.63	46.70	361.84	51.80	77.26
	Jun	74.31	366.35	46.48	362.62	51.80	74.44
United States	May	1.19	5.80	1.21	4.54	2.60	1.05
	Jun	1.22	5.80	1.21	4.54	2.60	1.09
Total Foreign	May	188.88	508.83	51.49	513.90	51.60	185.20
	Jun	186.08	509.55	51.27	514.68	51.60	182.35
Major Exporters 4/	May	51.52	198.60	0.81	156.55	42.60	51.78
	Jun	48.52	199.10	0.81	157.05	42.60	48.78
Burma	May	0.97	12.50	0.00	10.50	2.10	0.87
	Jun	0.77	12.50	0.00	10.50	2.10	0.67
India	May	41.50	130.00	0.00	107.00	22.00	42.50
	Jun	38.70	130.50	0.00	107.50	22.00	39.70
Pakistan	May	2.15	8.90	0.01	4.40	4.60	2.06
	Jun	2.15	8.90	0.01	4.40	4.60	2.06
Thailand	May	4.13	19.80	0.20	13.10	7.50	3.53
	Jun	4.13	19.80	0.20	13.10	7.50	3.53
Vietnam	May	2.77	27.40	0.60	21.55	6.40	2.82
	Jun	2.77	27.40	0.60	21.55	6.40	2.82
Major Importers 5/	May	125.98	242.45	20.00	263.45	2.85	122.14
	Jun	125.98	242.45	19.90	263.45	2.85	122.04
China	May	113.00	149.00	6.00	156.60	2.40	109.00
	Jun	113.00	149.00	6.00	156.60	2.40	109.00
European Union 6/	May	0.59	1.74	2.20	3.45	0.42	0.66
	Jun	0.59	1.74	2.20	3.45	0.42	0.66
Indonesia	May	3.01	34.60	0.65	35.05	0.00	3.21
	Jun	3.01	34.60	0.65	35.05	0.00	3.21
Nigeria	May	1.90	5.36	2.20	7.45	0.00	2.00
	Jun	1.90	5.36	2.20	7.45	0.00	2.00
Philippines	May	4.24	12.41	3.00	15.35	0.00	4.30
	Jun	4.24	12.41	3.00	15.35	0.00	4.30
Sel. Mideast 7/	May	1.02	2.24	3.95	6.15	0.00	1.06
	Jun	1.02	2.24	3.95	6.15	0.00	1.06
Selected Other							
Brazil	May	0.43	7.10	0.85	7.20	0.65	0.53
	Jun	0.45	7.10	0.85	7.30	0.65	0.45
C. Amer & Carib 8/	May	0.59	1.56	1.89	3.41	0.03	0.60
	Jun	0.61	1.57	1.89	3.42	0.03	0.62
Egypt	May	0.70	2.90	0.95	4.10	0.01	0.44
	Jun	0.70	2.90	0.85	4.00	0.01	0.44
Japan	May	1.91	7.55	0.69	8.15	0.12	1.87
	Jun	1.91	7.55	0.69	8.15	0.12	1.87
Mexico	May	0.21	0.19	0.82	0.98	0.01	0.23
	Jun	0.21	0.19	0.82	0.98	0.01	0.23
South Korea	May	1.34	3.77	0.43	3.95	0.06	1.53
	Jun	1.34	3.77	0.43	3.95	0.06	1.53

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 - 625 - 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	48.51	-0.07	88.07
World Less China	60.75	81.98	36.22	81.69	48.50	-0.07	48.82
United States	7.25	14.61	3/	2.40	16.37	-0.06	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	116.94	44.64	121.69	45.17	-0.15	82.95
World Less China	48.82	89.94	36.14	83.69	45.09	-0.15	46.27
United States	3.15	17.52	0.01	2.55	14.75	-0.02	3.40
Total Foreign	84.92	99.42	44.64	119.14	30.42	-0.13	79.55
Major Exporters 4/	32.42	56.40	1.98	34.28	26.22	-0.17	30.47
Central Asia 5/	2.33	5.03	0.02	3.82	1.62	0.00	1.94
Afr. Fr. Zone 6/	1.93	6.21	3/	0.11	6.25	0.00	1.77
S. Hemis. 7/	15.88	20.26	0.16	4.23	13.60	-0.18	18.65
Australia	2.52	5.50	3/	0.01	4.40	-0.19	3.80
Brazil	11.12	12.70	0.03	3.20	7.90	0.00	12.74
India	11.94	24.50	1.20	25.50	4.30	0.00	7.84
Major Importers 8/	49.85	39.77	40.14	80.58	2.83	0.05	46.31
Mexico	0.43	1.22	1.00	1.90	0.38	0.03	0.35
China	39.25	27.00	8.50	38.00	0.08	0.00	36.68
European Union 9/	0.33	1.59	0.61	0.62	1.71	-0.03	0.23
Turkey	2.71	3.80	5.55	8.60	0.60	0.00	2.86
Pakistan	2.27	6.00	4.60	11.00	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	8.30	8.80	0.00	0.01	2.54
Vietnam	1.12	3/	7.20	7.30	0.00	0.00	1.03

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

## WASDE - 625 - 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	May	83.65	121.06	47.56	121.99	47.56	-0.10	82.82
	Jun	82.95	121.27	47.49	121.54	47.48	-0.10	82.77
World Less China	May	47.17	93.56	37.06	83.99	47.51	-0.10	46.40
	Jun	46.27	93.77	36.99	83.54	47.43	-0.10	46.15
United States	May	3.40	16.50	0.01	2.50	14.50	0.01	2.90
	Jun	3.40	16.50	0.01	2.50	14.50	0.01	2.90
Total Foreign	May	80.25	104.56	47.56	119.49	33.06	-0.10	79.92
	Jun	79.55	104.77	47.48	119.04	32.98	-0.10	79.87
Major Exporters 4/	May	31.10	60.24	2.46	34.15	28.98	-0.17	30.84
	Jun	30.47	60.45	2.39	34.15	28.83	-0.17	30.49
Central Asia 5/	May	1.94	5.29	0.02	3.75	1.54	0.00	1.95
	Jun	1.94	5.29	0.02	3.75	1.54	0.00	1.95
Afr. Fr. Zone 6/	May	1.77	6.25	3/	0.11	6.06	0.00	1.85
	Jun	1.77	6.35	3/	0.11	6.08	0.00	1.93
S. Hemis. 7/	May	19.18	20.76	0.15	4.18	16.91	-0.18	19.18
	Jun	18.65	20.76	0.15	4.18	16.71	-0.18	18.85
Australia	May	3.80	5.50	3/	0.01	5.70	-0.19	3.78
	Jun	3.80	5.50	3/	0.01	5.70	-0.19	3.78
Brazil	May	13.24	13.20	0.02	3.20	10.00	0.00	13.26
	Jun	12.74	13.20	0.02	3.20	9.80	0.00	12.96
India	May	7.94	27.50	1.70	25.50	4.00	0.00	7.64
	Jun	7.84	27.50	1.70	25.50	4.00	0.00	7.54
Major Importers 8/	May	46.36	41.07	42.71	81.15	2.57	0.07	46.35
	Jun	46.31	41.07	42.71	80.75	2.69	0.07	46.57
Mexico	May	0.35	1.33	1.10	2.10	0.28	0.03	0.37
	Jun	0.35	1.33	1.10	1.90	0.40	0.03	0.45
China	May	36.48	27.50	10.50	38.00	0.05	0.00	36.43
	Jun	36.68	27.50	10.50	38.00	0.05	0.00	36.63
European Union 9/	May	0.23	1.58	0.58	0.61	1.53	0.00	0.26
	Jun	0.23	1.58	0.58	0.61	1.53	0.00	0.26
Turkey	May	2.81	4.30	5.00	8.60	0.65	0.00	2.86
	Jun	2.86	4.30	5.00	8.60	0.65	0.00	2.91
Pakistan	May	1.99	6.20	5.00	11.10	0.05	0.03	2.02
	Jun	1.79	6.20	5.00	11.10	0.05	0.03	1.82
Indonesia	May	0.49	3/	2.50	2.50	0.01	0.00	0.49
	Jun	0.49	3/	2.50	2.50	0.01	0.00	0.49
Thailand	May	0.10	3/	0.70	0.70	0.00	0.01	0.09
	Jun	0.10	3/	0.70	0.70	0.00	0.01	0.09
Bangladesh	May	2.54	0.16	8.80	9.00	0.00	0.01	2.49
	Jun	2.54	0.16	8.80	8.90	0.00	0.01	2.59
Vietnam	May	1.13	3/	7.50	7.50	0.00	0.00	1.13
	Jun	1.03	3/	7.50	7.40	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.

## WASDE - 625 - 28

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	315.09	363.85	164.51	99.89
World Less China		70.04	348.52	65.71	222.09	251.11	164.44	68.73
United States		14.28	114.75	0.54	58.26	61.05	61.52	6.99
Total Foreign		80.38	253.38	164.93	256.83	302.80	102.99	92.90
Major Exporters 3/		47.41	197.31	5.85	90.21	100.84	94.81	54.92
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	0.01	3.30	3.47	6.33	0.44
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/		99.89	351.99	154.81	315.37	364.65	155.90	86.15
World Less China		68.73	335.59	62.81	226.37	255.93	155.80	55.40
United States		6.99	120.71	0.41	60.28	63.47	59.06	5.58
Total Foreign		92.90	231.29	154.40	255.09	301.18	96.84	80.57
Major Exporters 3/		54.92	175.62	2.87	90.38	100.95	89.85	42.60
Argentina		25.06	43.40	2.40	40.25	47.46	2.75	20.65
Brazil		29.40	126.00	0.45	48.50	51.75	82.25	21.86
Paraguay		0.44	4.20	0.01	1.55	1.67	2.90	0.09
Major Importers 4/		34.39	20.19	125.69	118.75	146.59	0.36	33.32
China		31.16	16.40	92.00	89.00	108.72	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	9.49	4.95	10.24	0.01	0.94
Mexico		0.46	0.29	6.20	6.40	6.45	0.00	0.50
<b>2022/23 Proj.</b>								
World 2/	May	85.24	394.69	167.12	326.76	377.44	170.01	99.60
	Jun	86.15	395.37	167.12	327.18	377.86	170.31	100.46
World Less China	May	54.48	377.19	68.12	231.76	261.85	169.91	68.04
	Jun	55.40	377.87	68.12	232.18	262.27	170.21	68.90
United States	May	6.39	126.28	0.41	61.37	64.78	59.87	8.43
	Jun	5.58	126.28	0.41	61.37	64.78	59.87	7.61
Total Foreign	May	78.84	268.41	166.71	265.39	312.65	110.14	91.17
	Jun	80.57	269.09	166.71	265.81	313.08	110.44	92.85
Major Exporters 3/	May	40.75	212.50	5.57	93.08	103.89	102.13	52.81
	Jun	42.60	212.50	5.57	93.33	104.09	102.13	54.46
Argentina	May	19.30	51.00	4.80	41.00	48.30	4.70	22.10
	Jun	20.65	51.00	4.80	41.00	48.25	4.70	23.50
Brazil	May	21.36	149.00	0.75	48.75	52.10	88.50	30.51
	Jun	21.86	149.00	0.75	49.00	52.35	88.50	30.76
Paraguay	May	0.09	10.00	0.01	3.25	3.41	6.50	0.19
	Jun	0.09	10.00	0.01	3.25	3.41	6.50	0.19
Major Importers 4/	May	33.30	21.53	133.53	125.20	154.15	0.33	33.88
	Jun	33.32	21.53	133.53	125.20	154.15	0.33	33.89
China	May	30.75	17.50	99.00	95.00	115.59	0.10	31.56
	Jun	30.74	17.50	99.00	95.00	115.59	0.10	31.56
European Union	May	0.93	3.00	15.00	16.10	17.93	0.22	0.79
	Jun	0.96	3.00	15.00	16.10	17.93	0.22	0.81
Southeast Asia	May	0.94	0.50	9.88	5.00	10.42	0.02	0.88
	Jun	0.94	0.50	9.88	5.00	10.42	0.02	0.88
Mexico	May	0.50	0.30	6.35	6.60	6.65	0.00	0.50
	Jun	0.50	0.30	6.35	6.60	6.65	0.00	0.50

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 - 625 - 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/		15.27	247.56	63.90	243.52	68.69	14.51
World Less China		15.27	173.90	63.82	170.84	67.64	14.51
United States		0.31	45.87	0.71	34.09	12.49	0.31
Total Foreign		14.96	201.69	63.19	209.43	56.20	14.20
Major Exporters 3/		6.91	75.10	0.25	28.44	46.92	6.90
Argentina		2.57	31.32	0.00	3.30	28.32	2.27
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/		14.51	247.38	63.96	243.47	68.80	13.57
World Less China		14.51	176.89	63.90	173.52	68.20	13.57
United States		0.31	47.05	0.45	34.75	12.70	0.36
Total Foreign		14.20	200.33	63.50	208.72	56.10	13.21
Major Exporters 3/		6.90	77.15	0.52	29.19	48.30	7.08
Argentina		2.27	31.40	0.00	3.33	28.20	2.15
Brazil		4.25	37.59	0.02	19.55	18.00	4.30
India		0.38	8.16	0.50	6.32	2.10	0.63
Major Importers 4/		1.91	23.37	37.88	60.10	1.16	1.90
European Union		0.56	12.56	16.80	28.49	0.85	0.58
Mexico		0.15	5.06	1.93	6.95	0.01	0.18
Southeast Asia 5/		1.05	3.86	17.35	20.95	0.30	1.01
China		0.00	70.49	0.06	69.95	0.60	0.00
<b>2022/23 Proj.</b>							
World 2/	May	13.22	256.52	65.10	251.15	69.79	13.89
	Jun	13.57	256.85	65.20	251.43	70.05	14.15
World Less China	May	13.22	181.28	65.05	176.86	68.79	13.89
	Jun	13.57	181.61	65.15	177.14	69.05	14.15
United States	May	0.36	48.13	0.41	35.38	13.06	0.45
	Jun	0.36	48.13	0.41	35.38	13.06	0.45
Total Foreign	May	12.85	208.40	64.69	215.77	56.73	13.44
	Jun	13.21	208.73	64.79	216.05	56.98	13.69
Major Exporters 3/	May	6.95	77.92	0.12	30.03	47.90	7.06
	Jun	7.08	78.11	0.12	30.03	48.10	7.17
Argentina	May	2.15	31.98	0.00	3.38	28.50	2.25
	Jun	2.15	31.98	0.00	3.38	28.50	2.25
Brazil	May	4.18	37.78	0.02	20.15	17.50	4.32
	Jun	4.30	37.97	0.02	20.15	17.70	4.44
India	May	0.63	8.16	0.10	6.51	1.90	0.48
	Jun	0.63	8.16	0.10	6.51	1.90	0.48
Major Importers 4/	May	1.73	23.72	38.20	60.68	1.11	1.86
	Jun	1.90	23.72	38.30	60.83	1.11	1.98
European Union	May	0.53	12.72	16.65	28.57	0.80	0.53
	Jun	0.58	12.72	16.75	28.59	0.80	0.65
Mexico	May	0.18	5.22	1.93	7.13	0.01	0.18
	Jun	0.18	5.22	1.93	7.13	0.01	0.18
Southeast Asia 5/	May	0.88	3.90	17.80	21.28	0.31	1.00
	Jun	1.01	3.90	17.80	21.40	0.31	1.00
China	May	0.00	75.24	0.05	74.29	1.00	0.00
	Jun	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 - 625 - 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/		5.28	59.17	11.76	58.52	12.57	5.13
World Less China		4.58	42.51	10.52	40.90	12.53	4.19
United States		0.84	11.35	0.14	10.58	0.78	0.97
Total Foreign		4.44	47.82	11.62	47.94	11.79	4.16
Major Exporters 3/		1.53	20.54	0.74	12.48	9.02	1.31
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/		5.13	59.43	11.51	59.40	12.35	4.32
World Less China		4.19	43.48	10.91	42.30	12.26	4.03
United States		0.97	11.89	0.18	11.33	0.82	0.89
Total Foreign		4.16	47.54	11.33	48.06	11.53	3.43
Major Exporters 3/		1.31	20.60	0.63	12.31	8.81	1.42
Argentina		0.30	7.95	0.00	2.30	5.53	0.42
Brazil		0.50	9.34	0.13	7.50	1.95	0.51
European Union		0.44	3.02	0.50	2.46	1.03	0.48
Major Importers 4/		1.47	19.32	6.77	26.52	0.20	0.85
China		0.93	15.95	0.60	17.10	0.09	0.29
India		0.15	1.84	3.80	5.55	0.02	0.22
North Africa 5/		0.29	1.01	1.62	2.58	0.09	0.25
<b>2022/23 Proj.</b>							
World 2/	May	4.09	61.43	12.12	61.02	12.75	3.88
	Jun	4.32	61.51	12.15	60.86	12.80	4.32
World Less China	May	3.75	44.41	11.02	42.97	12.66	3.55
	Jun	4.03	44.49	11.05	43.16	12.71	3.70
United States	May	0.90	11.99	0.23	11.70	0.64	0.77
	Jun	0.89	11.99	0.23	11.70	0.64	0.76
Total Foreign	May	3.20	49.44	11.89	49.31	12.11	3.10
	Jun	3.43	49.52	11.92	49.16	12.16	3.56
Major Exporters 3/	May	1.21	21.17	0.60	12.38	9.43	1.18
	Jun	1.42	21.21	0.60	12.48	9.45	1.31
Argentina	May	0.35	8.10	0.00	2.27	5.90	0.29
	Jun	0.42	8.10	0.00	2.32	5.90	0.30
Brazil	May	0.39	9.39	0.10	7.60	1.88	0.41
	Jun	0.51	9.44	0.10	7.65	1.90	0.50
European Union	May	0.46	3.06	0.50	2.46	1.10	0.46
	Jun	0.48	3.06	0.50	2.46	1.10	0.49
Major Importers 4/	May	0.82	20.53	7.14	27.47	0.21	0.81
	Jun	0.85	20.53	7.19	27.22	0.21	1.14
China	May	0.34	17.02	1.10	18.05	0.09	0.33
	Jun	0.29	17.02	1.10	17.70	0.09	0.63
India	May	0.17	1.84	3.65	5.48	0.02	0.17
	Jun	0.22	1.84	3.70	5.58	0.02	0.17
North Africa 5/	May	0.23	1.13	1.61	2.62	0.11	0.24
	Jun	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 - 625 - 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	II	6,963	6,668	13,679	11,232	1,399	12,771	26,450	2,277	58.1	
	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	6,670	13,784	11,300	1,290	12,720	26,504	2,180	57.8	
	III*	7,125	6,555	13,726	11,600	1,325	13,065	26,791	2,235	56.1	
	IV*	6,695	7,090	13,835	11,250	1,360	12,735	26,570	2,315	56.1	
	Annual										
	May Proj.	27,842	27,039	55,068	45,419	5,359	51,311	106,379	8,997	226.7	
	Jun Proj.	27,907	27,219	55,317	45,320	5,349	51,199	106,515	9,025	226.4	
2023	I*	6,510	6,995	13,547	11,225	1,385	12,740	26,287	2,320	56.9	
	Annual										
	May Proj.	25,950	27,365	53,495	45,675	5,650	51,845	105,340	9,490	229.5	
	Jun Proj.	25,950	27,365	53,495	45,675	5,650	51,845	105,340	9,490	229.3	

\* 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	II	120.75	80.92	104.4	117.7	94.2	18.53
	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*	140.00	75.00	168.0	142.0	240.0	27.35
	III*	136.00	76.00	165.0	145.0	190.0	26.05
	IV*	145.00	66.00	150.0	150.0	170.0	26.45
	Annual						
	May Proj.	140.1	71.1	155.0	141.6	194.0	25.75
	Jun Proj.	140.1	70.6	154.5	142.1	192.7	26.20
2023	I*	150.00	66.00	155.0	135.0	160.0	24.70
	Annual						
	May Proj.	153	71	149	138	149	23.55
	Jun Proj.	153	71	149	138	149	23.80

\*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 - 625 - 32

## U.S. Meats Supply and Use

		Beginning Production		Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita	
		stocks	1/							2/ 3/
<i>Million Pounds /4</i>										
Beef	2021	716	28,016	3,348	32,079	3,447	676	27,956	58.9	
	2022 Proj.	May	676	27,910	3,545	32,131	3,356	675	28,100	59.0
		Jun	676	27,975	3,515	32,166	3,421	695	28,050	58.9
	2023 Proj.	May	675	26,018	3,200	29,893	2,930	640	26,323	55.1
		Jun	695	26,018	3,200	29,913	2,940	640	26,333	55.1
	Pork	2021	467	27,690	1,180	29,337	7,030	446	21,861	51.1
2022 Proj.		May	446	27,054	1,408	28,907	6,581	500	21,826	50.8
		Jun	446	27,234	1,443	29,122	6,621	545	21,956	51.1
2023 Proj.		May	500	27,380	1,440	29,320	6,510	515	22,295	51.7
		Jun	545	27,380	1,440	29,365	6,510	580	22,275	51.7
Total Red Meat 5/		2021	1,217	55,906	4,892	62,015	10,481	1,147	50,388	111.5
	2022 Proj.	May	1,147	55,159	5,308	61,615	9,941	1,200	50,474	111.3
		Jun	1,147	55,408	5,313	61,869	10,046	1,265	50,558	111.5
	2023 Proj.	May	1,200	53,587	5,010	59,797	9,444	1,179	49,174	108.3
		Jun	1,265	53,587	5,010	59,862	9,454	1,244	49,164	108.3
	Broiler	2021	830	44,419	155	45,403	7,367	705	37,331	96.5
2022 Proj.		May	705	44,933	178	45,816	7,376	750	37,690	97.2
		Jun	705	44,835	178	45,718	7,396	750	37,572	96.9
2023 Proj.		May	750	45,186	152	46,088	7,465	750	37,873	97.3
		Jun	750	45,186	152	46,088	7,465	750	37,873	97.3
Turkey		2021	223	5,558	22	5,804	549	166	5,089	15.3
	2022 Proj.	May	166	5,359	28	5,553	372	150	5,031	15.1
		Jun	166	5,349	28	5,543	387	170	4,986	15.0
	2023 Proj.	May	150	5,650	28	5,828	395	170	5,263	15.7
		Jun	170	5,650	28	5,848	395	170	5,283	15.8
	Total Poultry 6/	2021	1,057	50,514	180	51,751	7,961	874	42,916	113.3
2022 Proj.		May	874	50,824	210	51,908	7,796	904	43,208	113.7
		Jun	874	50,713	210	51,797	7,826	924	43,047	113.3
2023 Proj.		May	904	51,356	183	52,443	7,908	924	43,611	114.4
		Jun	924	51,356	183	52,463	7,900	924	43,639	114.5
Red Meat & Poultry		2021	2,274	106,420	5,072	113,767	18,442	2,021	93,304	224.8
	2022 Proj.	May	2,021	105,984	5,518	113,523	17,737	2,104	93,682	225.1
		Jun	2,021	106,122	5,523	113,666	17,872	2,189	93,605	224.8
	2023 Proj.	May	2,104	104,943	5,193	112,240	17,352	2,103	92,785	222.7
		Jun	2,189	104,943	5,193	112,325	17,354	2,168	92,803	222.8

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



## WASDE - 625 - 33

## U.S. Egg Supply and Use

	2020	2021	2022 Proj. May	2022 Proj. Jun	2023 Proj. May	2023 Proj. Jun
<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	8,996.8	9,025.1	9,490.0	9,490.0
Imports	15.5	18.2	45.1	20.1	28.5	18.5
Total Supply	9,338.9	9,280.5	9,061.0	9,064.4	9,537.5	9,527.5
<b>Use</b>						
Exports	344.0	392.3	281.1	281.1	320.0	320.0
Hatching Use	1,078.5	1,103.7	1,130.9	1,125.9	1,140.0	1,140.0
Ending Stocks	24.5	19.1	19.0	19.0	21.0	21.0
Disappearance						
Total	7,891.8	7,765.4	7,630.0	7,638.4	8,056.5	8,046.5
Per Capita (number)	285.5	280.5	274.8	275.1	289.0	288.7

## U.S. Milk Supply and Use

	2020	2021	2022 Proj. May	2022 Proj. Jun	2023 Proj. May	2023 Proj. Jun
<b>Milk</b>	<i>Billion Pounds</i>					
<b>Production</b>						
Farm Use	223.3	226.3	226.7	226.4	229.5	229.3
<b>Fat Basis Supply</b>						
Beginning Stocks	13.6	15.6	14.3	14.3	12.9	12.8
Marketings	222.2	225.2	225.6	225.4	228.4	228.2
Imports	6.8	6.5	6.6	7.0	6.6	6.9
Total Supply	242.6	247.4	246.5	246.7	247.9	247.9
<b>Fat Basis Use</b>						
Exports	9.3	11.6	12.0	12.0	11.5	11.6
Ending Stocks	15.6	14.3	12.9	12.8	13.6	13.6
Domestic Use	217.8	221.4	221.6	221.8	222.8	222.7
<b>Skim-solid Basis Supply</b>						
Beginning Stocks	10.2	10.9	11.1	11.1	11.0	11.0
Marketings	222.2	225.2	225.6	225.4	228.4	228.2
Imports	5.6	5.8	5.9	6.1	6.0	6.0
Total Supply	238.0	241.9	242.6	242.5	245.4	245.2
<b>Skim-solid Basis Use</b>						
Exports	47.2	51.1	49.9	50.1	51.0	50.9
Ending Stocks	10.9	11.1	11.0	11.0	11.7	11.7
Domestic Use	179.9	179.7	181.7	181.4	182.7	182.5

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

## WASDE - 625 - 34

## U.S. Dairy Prices

	2020	2021	2022 Proj. May	2022 Proj. Jun	2023 Proj. May	2023 Proj. Jun
Product Prices 1/	<i>Dollars Per Pound</i>					
Cheese	1.9236	1.6755	2.175	2.195	2.040	2.050
Butter	1.5808	1.7325	2.650	2.765	2.350	2.385
Nonfat Dry Milk	1.0417	1.2693	1.715	1.755	1.580	1.620
Dry Whey	0.3621	0.5744	0.655	0.640	0.520	0.520
	<i>Dollars Per Cwt</i>					
Milk Prices 2/						
Class III	18.16	17.08	22.75	22.90	20.50	20.65
Class IV	13.49	16.09	23.80	24.65	21.40	21.90
All Milk 3/	18.13	18.53	25.75	26.20	23.55	23.80

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 - 625 - 35

## Reliability of June Projections 1/

Note: Tables on pages 35-37 present a record of the June 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 3 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 5.1 percent. The average difference between the June projection and the final estimate is 16 million tons, ranging from 0.4 million to 32.2 million tons. The June projection has been below the estimate 25 times and above 16 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
	<i>Percent</i>		<i>Million Metric Tons</i>				
<b>WHEAT</b>							
Production							
World	3.0	5.1	16.0	0.4	32.2	25	16
U.S.	6.1	10.3	2.7	0.0	8.4	23	18
Foreign	3.2	5.3	14.9	1.1	31.9	24	16
Exports							
World	6.0	10.1	6.3	0.0	19.2	27	13
U.S.	11.9	20.0	2.8	0.1	10.2	23	18
Foreign	6.5	11.0	5.6	0.6	19.8	29	11
Domestic Use							
World	2.2	3.7	10.6	0.3	27.7	24	17
U.S.	7.0	11.8	1.8	0.0	6.4	18	23
Foreign	2.2	3.8	10.4	0.6	28.6	26	14
Ending Stocks							
World	10.1	17.1	12.8	0.8	40.5	26	15
U.S.	18.4	31.0	3.4	0.1	14.9	23	18
Foreign	10.3	17.5	10.8	0.8	36.1	25	15
<b>COARSE GRAINS 2/</b>							
Production							
World	3.6	6.1	26.8	0.6	103.3	23	18
U.S.	13.4	22.6	19.9	0.5	103.8	22	19
Foreign	2.7	4.6	14.6	0.4	45.6	21	19
Exports							
World	7.6	12.7	7.7	0.3	24.0	29	12
U.S.	28.4	47.9	8.3	0.1	30.8	18	23
Foreign	13.4	22.7	6.8	0.5	19.2	26	14
Domestic Use							
World	1.9	3.2	14.5	0.3	66.7	19	22
U.S.	5.5	9.3	7.6	0.1	37.0	25	16
Foreign	2.0	3.4	11.8	0.1	38.2	20	20
Ending Stocks							
World	20.7	34.8	26.5	1.7	170.1	28	13
U.S.	54.6	92.0	16.5	0.5	57.6	23	18
Foreign	17.2	29.2	15.8	0.1	155.2	30	10
<b>RICE, milled</b>							
Production							
World	2.4	4.0	7.0	0.3	21.8	27	14
U.S.	7.2	12.2	0.3	0.0	1.1	22	19
Foreign	2.4	4.1	6.9	0.4	21.9	26	14
Exports							
World	9.6	16.2	1.9	0.1	7.5	29	12
U.S.	11.2	18.9	0.2	0.0	1.0	19	19
Foreign	10.5	17.9	1.9	0.1	7.1	29	11
Domestic Use							
World	1.9	3.1	4.9	0.0	20.3	26	15
U.S.	8.5	14.4	0.2	0.0	0.6	17	23
Foreign	1.9	3.2	4.9	0.0	20.8	27	13
Ending Stocks							
World	14.4	24.2	7.8	0.2	26.7	29	12
U.S.	32.6	54.9	0.3	0.0	0.9	21	18
Foreign	15.6	26.4	7.9	0.4	26.4	29	11

1/ Footnotes at end of table.

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## WASDE - 625 - 36

## Reliability of June 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	NA	NA	12.5	0.1	36.2	7	11
U.S.	9.0	15.1	4.7	0.0	16.2	22	19
Foreign	NA	NA	9.7	0.2	37.0	6	11
Exports							
World	NA	NA	6.3	0.5	17.3	10	8
U.S.	15.4	25.9	3.4	0.3	14.0	23	18
Foreign	NA	NA	5.1	0.4	19.1	11	6
Domestic Use							
World	NA	NA	7.5	0.3	17.9	7	11
U.S.	6.0	10.2	1.9	0.1	7.2	25	16
Foreign	NA	NA	6.9	0.4	17.5	7	10
Ending Stocks							
World	NA	NA	8.5	0.1	26.2	8	10
U.S.	67.0	112.9	3.5	0.4	16.6	14	27
Foreign	NA	NA	6.5	0.3	19.1	9	8
<b>COTTON</b>	<i>Million 480-Pound Bales</i>						
Production							
World	5.9	10.0	4.1	0.0	16.4	22	18
U.S.	11.4	19.2	1.6	0.1	5.7	20	21
Foreign	6.0	10.1	3.2	0.2	12.4	22	18
Exports							
World	10.2	17.3	2.3	0.1	12.4	23	18
U.S.	28.7	48.3	1.4	0.1	4.0	24	17
Foreign	13.0	22.1	1.8	0.1	9.9	21	19
Domestic Use							
World	5.3	9.0	3.5	0.1	20.3	17	24
U.S.	10.1	16.9	0.5	0.0	1.4	18	22
Foreign	5.5	9.3	3.4	0.0	19.9	20	20
Ending Stocks							
World	17.0	28.7	6.7	0.5	19.9	26	15
U.S.	45.6	76.8	1.5	0.1	4.7	20	21
Foreign	16.3	27.6	5.7	0.3	19.2	27	13

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 - 625 - 37

## Reliability of United States June Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
<b>CORN</b>	<i>Percent</i>		<i>Million Bushels</i>				
Production	15.8	26.7	780	8	4,010	21	20
Exports	29.9	50.4	306	38	1,150	20	21
Domestic Use	13.0	21.9	438	0	5,888	24	16
Ending Stocks	64.2	108.1	600	32	2,091	23	18
<b>SORGHUM</b>							
Production	19.5	32.9	82	0	228	21	19
Exports	40.9	68.8	49	0	190	19	21
Domestic Use	28.4	47.8	55	0	140	18	22
Ending Stocks	66.2	111.5	44	0	191	15	25
<b>BARLEY</b>							
Production	15.0	25.3	27	1	206	16	25
Exports	75.1	126.5	13	0	92	21	16
Domestic Use	11.7	19.7	28	0	95	18	22
Ending Stocks	23.0	38.7	22	1	79	18	23
<b>OATS</b>							
Production	24.1	40.5	29	1	231	8	33
Exports	108.2	182.2	1	0	8	12	12
Domestic Use	11.0	18.6	20	0	160	13	26
Ending Stocks	29.8	50.2	16	0	77	12	27
<b>SOYBEAN MEAL</b>	<i>Thousand Short Tons</i>						
Production	5.5	9.3	1,286	57	4,919	26	15
Exports	17.1	28.8	968	50	2,650	26	15
Domestic Use	4.6	7.7	876	24	4,650	22	19
Ending Stocks	43.5	73.2	52	0	488	13	16
<b>SOYBEAN OIL</b>	<i>Million Pounds</i>						
Production	5.3	8.8	645	18	2,330	30	11
Exports	32.4	54.6	436	0	1,700	24	16
Domestic Use	4.2	7.0	480	0	2,100	24	16
Ending Stocks	36.7	61.8	447	0	1,432	21	19
<b>ANIMAL PROD.</b>	<i>Million Pounds</i>						
Beef	3.9	6.6	745	41	2,727	20	8
Pork	3.3	5.6	538	14	1,722	16	12
Broilers	2.2	3.8	611	55	1,465	12	16
Turkeys	4.0	6.8	168	2	478	12	16
	<i>Million Dozen</i>						
Eggs	1.8	3.1	113	2	473	19	9
	<i>Billion Pounds</i>						
Milk	1.6	2.7	2.4	0.2	7.0	14	14

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-625 – June 10, 2022**

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