

# World Agricultural Supply and Demand Estimates

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WASDE - 630

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**WHEAT:** The outlook for 2022/23 U.S. wheat this month is for stable supplies, increased domestic use, unchanged exports, and slightly lower ending stocks. Total domestic use is projected 5 million bushels higher at 1,093 million as an increase in food use more than offsets a decrease in seed use. Food use is raised 7 million bushels to a record 977 million on strong calendar year third quarter wheat ground for flour reported in the latest NASS *Flour Milling Products*. All wheat exports are unchanged at 775 million bushels, with offsetting changes for White wheat and Durum. Projected 2022/23 ending stocks are lowered 5 million bushels to 571 million, the lowest level since 2007/08. The projected 2022/23 season-average farm price is unchanged at \$9.20 per bushel.

The global wheat outlook for 2022/23 is for increased supplies, consumption, trade, and ending stocks. Supplies are projected up 1.3 million tons to 1,059.0 million based on increases in beginning stocks and production. World production is raised 1.0 million tons to 782.7 million as larger production in Australia, Kazakhstan, and the UK more than offsets declines in Argentina and the EU. Production in Australia is raised 1.5 million tons to 34.5 million as above average rain over the past month supported crop development and boosted yields, following widespread favorable conditions earlier in the growing season. Argentina production is lowered as continued widespread dry conditions through most of October further eroded yield potential, especially in northern areas. Feed and residual use is raised 0.9 million tons as increases in the EU, South Korea, the Philippines, and Vietnam more than offset a decline in India. However, FSI consumption is lowered 1.5 million tons primarily on decreases for Bangladesh and Indonesia. The global forecast for trade is increased 0.3 million tons to a record 208.7 million, primarily on higher exports from Australia, Kazakhstan, and the UK that more than offset a reduction in exports by Argentina. Projected global ending stocks are increased 0.3 million tons to 267.8 million, with increases for Australia and India and a decrease for the EU accounting for most of the change.

**COARSE GRAINS:** This month's 2022/23 U.S. corn outlook is for higher production, larger feed and residual use, and greater ending stocks. Corn production is forecast at 13.930 billion bushels, up 35 million from last month on a 0.4-bushel increase in yield to 172.3 bushels per acre. Feed and residual use is higher based on a larger crop. With supply rising more than use, corn ending stocks are raised 10 million bushels. The season-average corn price received by producers is unchanged at \$6.80 per bushel.

Global coarse grain production for 2022/23 is forecast fractionally lower at 1,459.5 million tons. This month's 2022/23 foreign coarse grain outlook is for reduced production, lower trade, and smaller stocks relative to last month. Foreign corn production is forecast lower as declines for the EU, South Africa, Philippines, and Nigeria are partly offset by increases for Angola, Mali, Pakistan, Turkey, and Senegal. Corn production in the EU is down based on a

decline for Hungary. South Africa is reduced based on lower expected area. Barley production is lowered for Argentina but raised for Australia and the EU.

Major global trade changes include lower corn exports for South Africa. Corn imports are reduced for Vietnam, Algeria, and Turkey. For 2021/22, corn exports for Argentina are cut for the local marketing year beginning March 2022, based on shipments observed through October. For 2022/23, barley exports are raised for Australia but lowered for Argentina and Russia. Barley imports are reduced for China. Foreign corn ending stocks are down, mostly reflecting declines for Nigeria and South Africa that are partly offset by an increase for Vietnam. Global corn ending stocks, at 300.8 million tons, are down 0.4 million.

**RICE:** The outlook for 2022/23 U.S. rice this month is for nearly unchanged supplies, higher domestic use, reduced exports, and larger ending stocks. Supplies are fractionally lower as reduced production is not completely offset by higher imports. The NASS November *Crop Production* report reduced 2022/23 all rice production 1.1 million cwt to 164.3 million, all on lower yields. The average all rice yield is down 50 pounds per acre to 7,549 pounds. This is the lowest U.S. rice production since 1993/94. Imports are raised 1.0 million cwt (all long-grain) to a record 45.0 million with strong demand for Thai and Indian rice. Total domestic and residual use is also raised 1.0 million cwt (all long-grain) to 142.0 million on higher consumption of imported fragrant rice. All rice exports are lowered 4.0 million to 71.0 million cwt with 3.0 million of the reduction for long-grain on lagging shipments to the leading U.S. markets of Mexico and Haiti. All rice exports would be the lowest since 1991/92 as the United States continues to be uncompetitive in several key markets. All rice ending stocks are raised 2.9 million cwt to 36.1 million but are still down 9 percent from last year. The season-average farm price for all rice is raised \$0.50 per cwt to a record \$19.90, all on higher medium- and short-grain price forecasts, with the long-grain price unchanged.

The 2022/23 global outlook is for lower supplies, consumption, trade, and ending stocks this month. Supplies are reduced 2.5 million tons to 686.8 million, on lower beginning stocks for India and smaller production for Pakistan, Nigeria, and Sri Lanka. India's beginning stocks are reduced 1.0 million tons on higher exports and domestic consumption for 2021/22. Pakistan's 2022/23 production is lowered 0.8 million tons to 6.6 million on heavy flooding in the Sindh region expected to reduce yields. This would be Pakistan's lowest production since 2012/13. World 2022/23 consumption is lowered 0.3 million tons to 517.8 million on reductions for Pakistan and India. Global trade is reduced 0.4 million tons to 52.8 million as lower Pakistan exports are not completely offset by higher India exports. Projected world ending stocks are reduced 2.2 million tons to 169.0 million, primarily on reductions for India, Indonesia, Vietnam, and Sri Lanka.

**OILSEEDS:** The U.S. soybean outlook for 2022/23 is for increased production, crush, and ending stocks. Soybean production is forecast at 4.35 billion bushels, up 33 million on higher yields. Higher yields in Iowa and Missouri account for most of the change in production. Soybean crush is raised 10 million bushels on an increased domestic soybean meal disappearance forecast. With exports unchanged, soybean ending stocks are raised 20 million bushels to 220 million. The U.S. season-average soybean price for 2022/23 is forecast at \$14.00 per bushel, unchanged from last month. Soybean oil price is also unchanged at 69 cents per pound. The soybean meal price is forecast at \$400.00 per short ton, up 10 dollars.

Global oilseed production for 2022/23 is projected at 645.6 million tons, down 1.0 million from last month. Lower soybean, sunflowerseed, and cottonseed production is partly offset by higher rapeseed. Global soybean production is down 0.5 million tons to 390.5 million, mainly on lower production for Argentina. Area harvested for Argentina is reduced reflecting in-country estimates. Sunflowerseed production is reduced for Ukraine on lower reported yields. Global rapeseed production is raised 1.0 million tons to 84.8 million on higher yields for Australia and the EU.

Global oilseed ending stocks are projected at 121.9 million tons, up 1.4 million. Soybean stocks account for most of the change with an increase to China's stocks based on a revision to 2021/22 imports. Another notable oilseed change includes lower palm oil production for Malaysia, which is reduced 1.0 million tons to 18.8 million. With reduced Malaysian palm oil supply and no change in exports, ending stocks are lower.

**SUGAR:** U.S. sugar supply and use for 2021/22 is revised to incorporate complete fiscal year estimates in USDA's Sweetener Market Data (SMD). Beet sugar production is estimated at 5.155 million short tons, raw value (STRV), an increase over last month of 77,618 due to more production in September than expected last month. Louisiana cane sugar production is lowered by 58,824 STRV to 1.923 million on lower-than-expected production in September. Along with small changes in some other components, deliveries for human consumption are lowered by 81,845 STRV to 12.470 million. Most of this decrease is attributable to very low direct consumption imports in September. The final year estimate of ending stocks is 1.814 million STRV. This is 40,823 STRV more than last month and results in a stocks-to-use ratio of 14.3 percent.

U.S. sugar supply in 2022/23 is lowered 196,055 STRV from last month on lower total production and imports only mildly offset by higher beginning stocks. Beet sugar production is lowered 111,341 STRV to 4.994 million. Beet processors reduced their forecast of sugarbeets available for slicing due to higher expected beet pile shrink. An increase in cane sugar production partially offsets the beet sugar decline. Florida production is increased 20,923 STRV to 1.989 million based on a higher sugarcane yield forecast by both processors and NASS. Louisiana production is increased to 2.006 million STRV on increased area harvested and on adjustments made for September production. Imports are reduced by 168,986 STRV mainly on lower imports from Mexico based on lower exportable supply (see below) that offsets a 25,000 STRV increase in high-tier tariff imports from raw sugar imported by a refiner in early November. Deliveries for human consumption are reduced by 25,000 STRV in line with the 2021/22 reduction. Ending stocks are residually projected at 1.701 million STRV for ending stocks-to-use ratio of 13.5 percent.

Mexico sugar production for 2022/23 is the same as last month at 5.900 million metric tons (MT). Area harvested is expected at about 800,000 hectares and yields are unchanged from last month. Although good rainfall amounts came in September, they should have arrived earlier in the growing season, or at least by August, to have had a significant effect on production. Total imports for combined use in consumption and IMMEX are lowered by 15,000 MT to more closely match imports recorded in 2021/22. Strong deliveries for consumption in September pushed the total for 2021/22 to 4.113 million MT, an increase of 63,100 MT relative to last month. Deliveries of high fructose corn syrup in 2021/22 amounted to 1.291 million MT, dry basis and this same amount is projected for 2022/23. Per capita sweetener consumption for 2021/22 at 41.09 kilograms is carried forward to 2022/23

and implies sugar deliveries for consumption at 4.168 million MT. This is a 117,598 MT increase over last month. Deliveries for IMMEX for 2022/23 at 533,000 MT closely match the recorded total for 2021/22. Ending stocks for 2022/23 at 979,291 MT provide enough sugar to meet use in 2023/24 before the start of the harvest campaign in November. Exports are residually projected at 1.219 million MT, a decrease of 183,616. Exports under license to the United States are reduced 166,020 MT and other exports are reduced 17,596 MT to zero.

**LIVESTOCK, POULTRY, AND DAIRY:** The forecast for 2022 red meat and poultry production is raised from last month as higher beef and broiler forecasts for the fourth quarter are partly offset by lower pork and turkey forecasts. Beef production is raised with higher expected cattle slaughter as well as higher carcass weights. Pork production is lowered on a slower expected pace of slaughter. Broiler production is raised on current slaughter and hatchery data. Turkey production is lowered based on tighter bird supplies. Egg production is lowered from last month on recent hatchery data.

For 2023, the beef forecast is lowered on tighter supplies of fed cattle and lower cow slaughter. Broiler production is raised on expected growth in broiler flocks. Turkey production is lowered slightly for the first two quarters. Egg production is reduced as slower expected growth in production in late 2022 is carried into the first part of 2023.

Beef imports for 2022 are lowered on recent data, higher expected U.S. cow slaughter, and weaker expected imports from Oceania in the fourth quarter. Exports are lowered on recent data and expected weaker exports to Asian markets. No changes are made to beef trade for 2023. Pork imports are lowered and exports are raised for 2022 on observed data. Weaker imports are carried through into 2023, but exports are unchanged. Broiler export forecasts for 2022 are raised on recent trade data while 2023 exports are unchanged. Turkey exports are raised for 2022 and 2023 on current trade data.

Cattle price forecasts for 2022 and 2023 are raised on stronger expected demand. The 2022 hog price forecast is raised on prices to date; 2023 prices are unchanged. The broiler price forecast for 2022 is lowered on recent data, but 2023 forecasts are unchanged. Turkey price forecasts for both 2022 and 2023 are raised with lowered expected production. Egg price forecasts for 2022 and 2023 are raised on recent prices and expectations of continued firm demand.

The milk production forecast for 2022 is raised from last month, while 2023 production is unchanged. The dairy cow inventory for both years is lowered on recent published data but output per cow is raised.

Fat and skim-solids basis imports for 2022 are lowered, driven by recent trade data and lower expected imports of cheese and butterfat products. Forecasts for 2023 fat basis imports are lowered on weaker butterfat products, while skim-solids basis imports are raised on cheese. Exports on a fat basis for 2022 are lowered on weaker expected exports of cheese and butterfat products but raised for 2023. Exports on a skim-solids basis are raised in 2022 on higher expected exports of skim milk powders (SMP) and lactose and for 2023 on higher SMP and whey exports.

For 2022, forecasts for butter, cheese, and nonfat dry milk (NDM) prices are lowered on current prices and larger milk supplies. Whey prices are unchanged. Both Class III and

Class IV prices are lowered on weaker product prices. For 2023, the price forecast for butter is raised, but lowered for cheese and NDM. Whey prices are unchanged. With lower cheese and NDM prices, Class III and Class IV price forecasts are lowered. The 2022 all milk price forecast is lowered to \$25.50 per cwt and the 2023 all milk price is lowered to \$22.60 per cwt.

**COTTON:** The 2022/23 U.S. cotton balance sheet shows slightly higher production and higher ending stocks this month. Production is 1.5 percent higher, at 14.0 million bales, as a decrease in the Southwest is more than offset by increases elsewhere. Domestic mill use and exports are unchanged, and ending stocks are 200,000 bales higher at 3.0 million bales or 20 percent of use. The 2022/23 season average price for upland cotton is reduced 5 cents this month to 85 cents per pound.

This month's 2022/23 global cotton balance sheet includes lower production, consumption, trade and ending stocks. Production is down 1.6 million bales from last month, led by a 700,000-bale cut in Pakistan's crop as gin arrivals there signal the extent of damage from earlier precipitation and flooding. Unusually high precipitation is also driving a 500,000-bale reduction in Australia's 2022/23 crop, and in part accounts for a 630,000-bale decline in West Africa's expected output. Global cotton consumption is projected 650,000 bales lower this month, with a 300,000-bale cut to mill use in both Pakistan and Bangladesh. World trade is 400,000 bales lower, with import reductions for Bangladesh and China only partly offset by Pakistan's increase; West African exporters account for most of the decline in projected exports. At 87.3 million bales, world ending stocks in 2022/23 are projected 600,000 bales lower than in October, but 1.6 million higher than the year before.

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APPROVED BY:



SECRETARY OF AGRICULTURE DESIGNATE

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**In 2022 the WASDE report will be released on Dec 9.**

**In 2023 the WASDE report will be released on Jan 12, Feb 8, Mar 8,  
Apr 11, May 12, Jun 9, Jul 12, Aug 11, Sep 12, Oct 12, Nov 9, and Dec 8.**

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

<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		2725.14	3542.78	487.76	2741.31	801.47
	2021/22 (Est.)		2797.89	3599.36	508.55	2805.31	794.06
	2022/23 (Proj.)	Oct	2746.53	3540.91	487.42	2775.16	765.75
		Nov	2745.90	3539.96	486.60	2776.69	763.27
Wheat	2020/21		774.53	1072.74	203.33	782.08	290.65
	2021/22 (Est.)		779.44	1070.10	202.84	793.78	276.31
	2022/23 (Proj.)	Oct	781.70	1057.71	208.33	790.17	267.54
		Nov	782.68	1058.99	208.65	791.17	267.82
Coarse Grains 5/	2020/21		1441.28	1778.64	233.50	1455.74	322.90
	2021/22 (Est.)		1503.36	1826.26	249.74	1491.61	334.64
	2022/23 (Proj.)	Oct	1459.80	1793.92	225.86	1466.91	327.01
		Nov	1459.54	1794.18	225.12	1467.75	326.43
Rice, milled	2020/21		509.32	691.41	50.93	503.49	187.92
	2021/22 (Est.)		515.09	703.01	55.98	519.91	183.10
	2022/23 (Proj.)	Oct	505.04	689.29	53.22	518.09	171.20
		Nov	503.69	686.79	52.83	517.77	169.02
<b>United States</b>							
Total Grains 4/	2020/21		429.86	516.87	107.23	351.24	58.40
	2021/22 (Est.)		448.60	513.39	94.85	361.36	57.18
	2022/23 (Proj.)	Oct	414.27	479.41	82.97	347.51	48.93
		Nov	414.89	480.14	82.57	348.36	49.21
Wheat	2020/21		49.75	80.46	27.05	30.41	23.00
	2021/22 (Est.)		44.80	70.40	21.78	30.40	18.21
	2022/23 (Proj.)	Oct	44.90	66.38	21.09	29.61	15.68
		Nov	44.90	66.38	21.09	29.75	15.54
Coarse Grains 5/	2020/21		372.89	427.19	77.21	315.97	34.01
	2021/22 (Est.)		397.71	434.32	70.46	326.15	37.71
	2022/23 (Proj.)	Oct	364.11	405.12	59.50	313.42	32.20
		Nov	364.77	405.85	59.22	314.11	32.52
Rice, milled	2020/21		7.22	9.22	2.97	4.86	1.39
	2021/22 (Est.)		6.09	8.68	2.61	4.81	1.26
	2022/23 (Proj.)	Oct	5.25	7.91	2.38	4.48	1.05
		Nov	5.22	7.91	2.25	4.51	1.15

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



## WASDE - 630 - 9

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

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks	
Total Grains 4/	2020/21	2,295.27	3,025.92	380.54	2,390.07	743.07	
	2021/22 (Est.)	2,349.29	3,085.98	413.70	2,443.95	736.88	
	2022/23 (Proj.)	Oct	2,332.27	3,061.50	404.44	2,427.65	716.82
		Nov	2,331.01	3,059.82	404.03	2,428.32	714.07
Wheat	2020/21	724.78	992.28	176.28	751.67	267.65	
	2021/22 (Est.)	734.64	999.70	181.06	763.38	258.10	
	2022/23 (Proj.)	Oct	736.80	991.33	187.24	760.56	251.86
		Nov	737.77	992.61	187.56	761.42	252.28
Coarse Grains 5/	2020/21	1,068.39	1,351.45	156.29	1,139.78	288.88	
	2021/22 (Est.)	1,105.65	1,391.94	179.28	1,165.46	296.93	
	2022/23 (Proj.)	Oct	1,095.68	1,388.80	166.36	1,153.48	294.82
		Nov	1,094.77	1,388.33	165.89	1,153.64	293.91
Rice, milled	2020/21	502.10	682.19	47.96	498.63	186.53	
	2021/22 (Est.)	509.00	694.33	53.37	515.10	181.84	
	2022/23 (Proj.)	Oct	499.79	681.38	50.84	513.61	170.15
		Nov	498.47	678.89	50.58	513.26	167.88

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	111.47	209.86	48.73	123.13	86.75	
	2021/22 (Est.)	115.76	202.51	42.76	117.37	85.64	
	2022/23 (Proj.)	Oct	118.05	203.31	43.61	115.60	87.87
		Nov	116.43	202.07	43.20	114.95	87.27
United States	2020/21	14.61	21.86	16.35	2.40	3.15	
	2021/22 (Est.)	17.52	20.68	14.62	2.55	3.75	
	2022/23 (Proj.)	Oct	13.81	17.57	12.50	2.30	2.80
		Nov	14.03	17.79	12.50	2.30	3.00
Foreign 4/	2020/21	96.86	188.00	32.38	120.73	83.60	
	2021/22 (Est.)	98.24	181.84	28.14	114.82	81.89	
	2022/23 (Proj.)	Oct	104.24	185.74	31.11	113.30	85.07
		Nov	102.40	184.28	30.70	112.65	84.27

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

## WASDE - 630 - 10

**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		607.47	719.41	192.04	508.17	115.54	
	2021/22 (Est.)		604.61	720.15	178.31	511.85	113.55	
	2022/23 (Proj.)	Oct	646.59	757.74	197.15	534.66	120.56	
		Nov	645.60	759.15	197.57	534.36	121.94	
	Oilmeals	2020/21		348.42	368.62	97.00	344.62	17.94
		2021/22 (Est.)		350.22	368.16	95.47	345.95	17.43
2022/23 (Proj.)		Oct	365.95	384.12	97.71	357.71	20.08	
	Nov	365.81	383.25	97.71	358.02	18.88		
Vegetable Oils	2020/21		206.47	236.09	85.40	204.58	27.93	
	2021/22 (Est.)		211.24	239.17	78.70	206.35	29.52	
	2022/23 (Proj.)	Oct	219.82	248.82	87.89	213.61	30.70	
		Nov	218.91	248.43	87.91	213.80	30.30	
<b>United States</b>								
Oilseeds	2020/21		124.52	141.69	62.78	62.66	8.64	
	2021/22 (Est.)		131.35	141.16	59.71	63.88	9.12	
	2022/23 (Proj.)	Oct	126.92	137.37	56.64	65.30	7.15	
		Nov	127.87	138.34	56.64	65.57	7.70	
	Oilmeals	2020/21		48.25	53.02	12.62	40.00	0.39
		2021/22 (Est.)		49.27	53.21	12.47	40.39	0.35
2022/23 (Proj.)		Oct	50.27	54.68	12.66	41.52	0.50	
	Nov	50.49	54.81	12.66	41.75	0.40		
Vegetable Oils	2020/21		12.70	18.86	1.04	16.52	1.30	
	2021/22 (Est.)		13.06	19.61	1.05	17.29	1.27	
	2022/23 (Proj.)	Oct	13.37	20.13	0.87	18.05	1.21	
		Nov	13.42	20.16	0.83	18.11	1.22	
<b>Foreign 3/</b>								
Oilseeds	2020/21		482.95	577.72	129.26	445.51	106.90	
	2021/22 (Est.)		473.26	578.99	118.61	447.97	104.43	
	2022/23 (Proj.)	Oct	519.67	620.37	140.51	469.36	113.41	
		Nov	517.74	620.81	140.93	468.79	114.24	
	Oilmeals	2020/21		300.17	315.60	84.37	304.62	17.55
		2021/22 (Est.)		300.95	314.95	83.01	305.56	17.08
2022/23 (Proj.)		Oct	315.68	329.45	85.05	316.19	19.59	
	Nov	315.33	328.43	85.05	316.28	18.48		
Vegetable Oils	2020/21		193.77	217.23	84.36	188.06	26.63	
	2021/22 (Est.)		198.17	219.56	77.66	189.06	28.25	
	2022/23 (Proj.)	Oct	206.46	228.69	87.02	195.56	29.49	
		Nov	205.49	228.27	87.08	195.68	29.08	

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 - 630 - 11

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

	2020/21	2021/22 Est.	2022/23 Proj. Oct	2022/23 Proj. Nov
			<i>Million Acres</i>	
Area Planted	44.5	46.7	45.7	45.7
Area Harvested	36.8	37.1	35.5	35.5
			<i>Bushels</i>	
Yield per Harvested Acre	49.7	44.3	46.5	46.5
			<i>Million Bushels</i>	
Beginning Stocks	1,028	845	669	669
Production	1,828	1,646	1,650	1,650
Imports	100	95	120	120
Supply, Total	2,956	2,587	2,439	2,439
Food	961	972	970	977
Seed	64	58	68	66
Feed and Residual	93	88	50	50
Domestic, Total	1,117	1,117	1,088	1,093
Exports	994	800	775	775
Use, Total	2,111	1,917	1,863	1,868
Ending Stocks	845	669	576	571
Avg. Farm Price (\$/bu) 2/	5.05	7.63	9.20	9.20

## U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
				<i>Million</i>			
				<i>Bushels</i>			
2021/22 (Est.)	Beginning Stocks	428	235	85	70	27	845
	Production	750	297	361	201	38	1,646
	Supply, Total 3/	1,182	575	449	276	105	2,587
	Domestic Use	505	226	243	77	67	1,117
	Exports	317	209	112	148	14	800
	Use, Total	822	435	355	224	81	1,917
	Ending Stocks, Total	360	140	94	52	23	669
2022/23 (Proj.)	Beginning Stocks	360	140	94	52	23	669
	Production	531	446	337	272	64	1,650
	Supply, Total 3/	896	646	436	329	132	2,439
	Domestic Use	417	297	214	86	80	1,093
	Exports	220	225	135	175	20	775
	Use, Total	637	522	349	261	100	1,868
	Ending Stocks, Total						
		Nov					
		Oct					
		259	124	87	69	33	571
		253	130	91	73	29	576

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.

## WASDE - 630 - 12

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

FEED GRAINS	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			Oct	Nov
			<i>Million Acres</i>	
Area Planted	102.3	105.8	100.5	100.5
Area Harvested	90.6	94.4	89.6	89.6
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.11	4.21	4.06	4.07
			<i>Million Metric Tons</i>	
Beginning Stocks	51.8	34.0	37.7	37.7
Production	372.6	397.5	363.8	364.5
Imports	2.2	2.3	3.0	3.1
Supply, Total	426.6	433.8	404.5	405.2
Feed and Residual	146.7	148.4	137.4	138.0
Food, Seed & Industrial	168.8	177.2	175.5	175.5
Domestic, Total	315.4	325.6	312.9	313.5
Exports	77.2	70.5	59.5	59.2
Use, Total	392.6	396.1	372.4	372.7
Ending Stocks	34.0	37.7	32.2	32.5
<b>CORN</b>				
			<i>Million Acres</i>	
Area Planted	90.7	93.3	88.6	88.6
Area Harvested	82.3	85.3	80.8	80.8
			<i>Bushels</i>	
Yield per Harvested Acre	171.4	176.7	171.9	172.3
			<i>Million Bushels</i>	
Beginning Stocks	1,919	1,235	1,377	1,377
Production	14,111	15,074	13,895	13,930
Imports	24	24	50	50
Supply, Total	16,055	16,333	15,322	15,357
Feed and Residual	5,607	5,717	5,275	5,300
Food, Seed & Industrial 2/	6,467	6,767	6,725	6,725
Ethanol & by-products 3/	5,028	5,326	5,275	5,275
Domestic, Total	12,074	12,484	12,000	12,025
Exports	2,747	2,471	2,150	2,150
Use, Total	14,821	14,956	14,150	14,175
Ending Stocks	1,235	1,377	1,172	1,182
Avg. Farm Price (\$/bu) 4/	4.53	6.00	6.80	6.80

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.

## WASDE - 630 - 13

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

SORGHUM	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			Oct	Nov
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.9	7.3	6.4	6.4
Area Harvested (mil. acres)	5.1	6.5	5.5	5.5
Yield (bushels/acre)	73.2	69.0	44.6	43.0
Beginning Stocks	30	20	53	53
Production	373	448	245	236
Imports	0	0	0	0
Supply, Total	403	468	298	289
Feed and Residual	97	75	65	65
Food, Seed & Industrial	7	45	25	25
Total Domestic	104	121	90	90
Exports	279	294	185	175
Use, Total	383	415	275	265
Ending Stocks	20	53	23	24
Avg. Farm Price (\$/bu) 2/	5.04	5.94	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	2.0	2.4	2.4
Yield (bushels/acre)	77.2	60.3	71.7	71.7
Beginning Stocks	80	71	42	42
Production	171	120	174	174
Imports	7	15	14	15
Supply, Total	258	206	230	231
Feed and Residual	26	20	30	30
Food, Seed & Industrial	147	137	130	130
Total Domestic	172	157	160	160
Exports	14	7	7	6
Use, Total	186	164	167	166
Ending Stocks	71	42	63	65
Avg. Farm Price (\$/bu) 2/	4.75	5.31	7.25	7.30
<b>OATS</b>				
Area Planted (mil. acres)	3.0	2.6	2.6	2.6
Area Harvested (mil. acres)	1.0	0.7	0.9	0.9
Yield (bushels/acre)	65.1	61.3	64.8	64.8
Beginning Stocks	37	38	31	31
Production	66	40	58	58
Imports	85	81	85	85
Supply, Total	188	159	173	173
Feed and Residual	68	46	60	60
Food, Seed & Industrial	78	79	81	81
Total Domestic	147	125	141	141
Exports	3	3	2	2
Use, Total	150	128	143	143
Ending Stocks	38	31	30	30
Avg. Farm Price (\$/bu) 2/	2.77	4.55	5.70	5.50

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.

## WASDE - 630 - 14

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

<b>TOTAL RICE</b>	2020/21	2021/22 Est.	2022/23 Proj. Oct	2022/23 Proj. Nov
		<i>Million Acres</i>		
Area Planted	3.04	2.53	2.22	2.22
Area Harvested	2.99	2.49	2.18	2.18
		<i>Pounds</i>		
Yield per Harvested Acre	7,619	7,709	7,599	7,549
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	28.7	43.7	39.7	39.7
Production	227.5	191.8	165.4	164.3
Imports	34.1	37.8	44.0	45.0
Supply, Total	290.2	273.2	249.2	249.1
Domestic & Residual 3/	153.1	151.4	141.0	142.0
Exports, Total 4/	93.5	82.2	75.0	71.0
Rough	34.6	28.3	27.0	25.0
Milled (rough equiv.)	58.9	53.9	48.0	46.0
Use, Total	246.6	233.5	216.0	213.0
Ending Stocks	43.7	39.7	33.2	36.1
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	14.40	16.10	19.40	19.90
<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	24.6	24.6
Imports	27.4	30.7	34.0	35.0
Production	170.8	144.6	132.5	131.7
Supply, Total 7/	215.1	205.1	191.2	191.3
Domestic & Residual 3/	120.3	119.8	112.0	113.0
Exports 8/	65.0	60.6	56.0	53.0
Use, Total	185.3	180.4	168.0	166.0
Ending Stocks	29.7	24.6	23.2	25.3
Avg. Farm Price (\$/cwt) 6/	12.60	13.60	16.50	16.50
<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	13.0	13.0
Imports	6.7	7.1	10.0	10.0
Production	56.7	47.2	32.9	32.7
Supply, Total 7/	72.7	66.2	55.9	55.7
Domestic & Residual 3/	32.8	31.6	29.0	29.0
Exports 8/	28.5	21.5	19.0	18.0
Use, Total	61.2	53.1	48.0	47.0
Ending Stocks	11.5	13.0	7.9	8.7
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	20.10	24.80	27.90	30.00
California 10/	22.60	28.50	33.00	36.00
Other States 1/	13.00	13.90	17.00	17.40

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.

## WASDE - 630 - 15

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

SOYBEANS	2020/21	2021/22 Est.	2022/23 Proj.	2022/23 Proj.
			Oct	Nov
		<i>Million Acres</i>		
Area Planted	83.4	87.2	87.5	87.5
Area Harvested	82.6	86.3	86.6	86.6
		<i>Bushels</i>		
Yield per Harvested Acre	51.0	51.7	49.8	50.2
		<i>Million Bushels</i>		
Beginning Stocks	525	257	274	274
Production	4,216	4,465	4,313	4,346
Imports	20	16	15	15
Supply, Total	4,761	4,738	4,602	4,634
Crushings	2,141	2,204	2,235	2,245
Exports	2,266	2,158	2,045	2,045
Seed	101	102	102	102
Residual	-4	2	20	22
Use, Total	4,504	4,465	4,402	4,414
Ending Stocks	257	274	200	220
Avg. Farm Price (\$/bu) 2/	10.80	13.30	14.00	14.00
<b>SOYBEAN OIL</b>				
		<i>Million Pounds</i>		
Beginning Stocks	1,853	2,131	2,051	1,999
Production 4/	25,023	26,143	26,195	26,310
Imports	302	303	500	500
Supply, Total	27,177	28,578	28,746	28,809
Domestic Disappearance	23,314	24,805	25,500	25,650
Biofuel 3/	8,920	10,350	11,800	11,800
Food, Feed & other Industrial	14,394	14,455	13,700	13,850
Exports	1,731	1,773	1,400	1,300
Use, Total	25,046	26,578	26,900	26,950
Ending stocks	2,131	1,999	1,846	1,859
Avg. Price (c/lb) 2/	56.87	72.98	69.00	69.00
<b>SOYBEAN MEAL</b>				
		<i>Thousand Short Tons</i>		
Beginning Stocks	341	341	400	311
Production 4/	50,565	51,811	52,600	52,839
Imports	784	649	600	600
Supply, Total	51,691	52,800	53,600	53,750
Domestic Disappearance	37,674	38,966	39,450	39,700
Exports	13,675	13,524	13,700	13,700
Use, Total	51,350	52,490	53,150	53,400
Ending Stocks	341	311	450	350
Avg. Price (\$/s.t.) 2/	392.31	439.81	390.00	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 2,207 million bushels for 2021/22 and 2,245 million bushels for 2022/23.

## WASDE - 630 - 16

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

	2020/21	2021/22 Est.	2022/23 Proj. Oct	2022/23 Proj. Nov
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,618	1,705	1,773	1,814
Production 2/	9,233	9,135	9,154	9,086
Beet Sugar	5,092	5,155	5,106	4,994
Cane Sugar	4,141	3,979	4,048	4,091
Florida	2,090	1,933	1,968	1,989
Louisiana	1,918	1,923	1,984	2,006
Texas	134	124	96	96
Imports	3,221	3,646	3,610	3,441
TRQ 3/	1,749	1,579	1,691	1,691
Other Program 4/	292	298	250	250
Non-program	1,180	1,769	1,669	1,500
Mexico	968	1,379	1,619	1,425
High-tier tariff/other	212	390	50	75
Total Supply	14,072	14,485	14,537	14,341
Exports	49	29	35	35
Deliveries	12,277	12,578	12,630	12,605
Food	12,161	12,470	12,525	12,500
Other 5/	116	107	105	105
Miscellaneous	40	65	0	0
Total Use	12,367	12,671	12,665	12,640
Ending Stocks	1,705	1,814	1,872	1,701
Stocks to Use Ratio	13.8	14.3	14.8	13.5

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2021/22 and 2022/23 are based on Crop Production and/or processor projections/industry data and/or sugar ICEC analysis where appropriate. 3/ For 2021/22, WTO raw sugar TRQ shortfall (77) and for 2022/23 (255). 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.	Oct	1,053	6,185	50	4,547	1,794	947
		Nov	1,053	6,185	31	4,629	1,676	964
2022/23 Proj.		Oct	947	5,900	50	4,547	1,403	947
		Nov	964	5,900	35	4,701	1,219	979

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2020/21 = 1,320; Estimated 2020/21 = 1,291; Projected 2022/23 = 1,291; Footnote source for estimate: Comité Nacional para el Desarrollo Sustentable de la Cana de Azúcar.

2/ Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2021/22 (532 est = 508 dom. + 24 import); 2022/23 ( 533 proj = 508 dom. + 25 import). Statistical Adjustments: 2021/22 (-16), 2022/23 (0).



## WASDE - 630 - 17

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

	2020/21	2021/22 Est.	2022/23 Proj. Oct	2022/23 Proj. Nov
Area		<i>Million Acres</i>		
Planted	12.09	11.22	13.79	13.79
Harvested	8.22	10.27	7.88	7.88
		<i>Pounds</i>		
Yield per Harvested Acre	853	819	842	855
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	7.25	3.15	3.75	3.75
Production	14.61	17.52	13.81	14.03
Imports	0.00	0.01	0.01	0.01
Supply, Total	21.86	20.68	17.57	17.79
Domestic Use	2.40	2.55	2.30	2.30
Exports, Total	16.35	14.62	12.50	12.50
Use, Total	18.75	17.17	14.80	14.80
Unaccounted 2/	-0.04	-0.24	-0.03	-0.01
Ending Stocks	3.15	3.75	2.80	3.00
Avg. Farm Price 3/	66.3	91.4	90.0	85.0

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.

## WASDE - 630 - 18

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

2020/21	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	298.21	774.53	195.37	158.09	782.08	203.33	290.65
World Less China	148.19	640.28	184.75	118.09	632.08	202.57	146.53
United States	27.99	49.75	2.73	2.54	30.41	27.05	23.00
Total Foreign	270.22	724.78	192.64	155.56	751.67	176.28	267.65
Major Exporters 4/	32.48	322.46	6.66	72.80	179.33	147.42	34.85
Argentina	2.46	17.64	0.01	0.05	6.25	11.53	2.32
Australia	2.68	31.92	0.20	4.50	8.03	23.77	3.00
Canada	5.50	35.44	0.55	4.15	9.10	26.43	5.95
European Union 5/	13.11	126.69	5.38	42.50	104.75	29.74	10.69
Russia	7.23	85.35	0.40	19.00	42.50	39.10	11.38
Ukraine	1.50	25.42	0.13	2.60	8.70	16.85	1.51
Major Importers 6/	193.65	200.40	125.06	57.78	323.70	12.62	182.78
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	1.10	1.00	5.49	0.65	6.25	0.30	1.04
N. Africa 7/	14.36	15.81	28.50	1.75	46.72	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	7.49	25.20	1.14	5.41
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/	290.65	779.44	198.00	160.91	793.78	202.84	276.31
World Less China	146.53	642.50	188.43	125.91	645.78	201.96	134.55
United States	23.00	44.80	2.59	2.39	30.40	21.78	18.21
Total Foreign	267.65	734.64	195.41	158.52	763.38	181.06	258.10
Major Exporters 4/	34.85	327.25	5.82	78.55	185.67	142.66	39.58
Argentina	2.32	22.15	0.00	0.05	6.15	16.25	2.08
Australia	3.00	36.35	0.21	5.00	8.53	27.53	3.50
Canada	5.95	22.30	0.55	5.00	10.00	15.13	3.67
European Union 5/	10.69	138.29	4.61	45.00	108.25	31.90	13.43
Russia	11.38	75.16	0.30	19.50	42.75	33.00	11.09
Ukraine	1.51	33.01	0.14	4.00	10.00	18.84	5.81
Major Importers 6/	182.78	203.23	130.18	53.73	323.30	15.36	177.53
Bangladesh	2.14	1.13	6.34	0.60	8.30	0.00	1.31
Brazil	1.91	7.70	6.39	0.45	11.75	3.07	1.18
China	144.12	136.95	9.57	35.00	148.00	0.88	141.76
Japan	1.04	1.13	5.61	0.75	6.30	0.30	1.18
N. Africa 7/	11.14	20.43	26.85	1.87	47.02	0.41	11.00
Nigeria	0.79	0.09	6.19	0.05	5.85	0.60	0.62
Sel. Mideast 8/	10.70	16.50	22.90	3.88	38.78	0.75	10.57
Southeast Asia 9/	5.41	0.00	26.49	7.50	25.30	1.28	5.32
Selected Other							
India	27.80	109.59	0.03	7.00	109.88	8.03	19.50
Kazakhstan	1.48	11.81	2.50	1.35	6.20	8.10	1.49
United Kingdom	1.42	13.99	2.63	7.40	15.40	0.83	1.81

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

## WASDE - 630 - 19

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

<b>2022/23 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Oct	276.01	781.70	203.86	155.50	790.17	208.33	267.54
	Nov	276.31	782.68	202.59	156.39	791.17	208.65	267.82
World Less China	Oct	134.25	643.70	194.36	125.50	646.17	207.43	123.18
	Nov	134.55	644.68	193.09	126.39	647.17	207.75	123.46
United States	Oct	18.21	44.90	3.27	1.36	29.61	21.09	15.68
	Nov	18.21	44.90	3.27	1.36	29.75	21.09	15.54
Total Foreign	Oct	257.80	736.80	200.60	154.14	760.56	187.24	251.86
	Nov	258.10	737.77	199.32	155.03	761.42	187.56	252.28
Major Exporters 4/	Oct	39.53	331.75	6.71	80.55	188.35	151.00	38.63
	Nov	39.58	330.80	7.21	81.05	188.75	150.00	38.83
Argentina	Oct	2.03	17.50	0.01	0.05	6.25	12.00	1.28
	Nov	2.08	15.50	0.01	0.05	6.15	10.00	1.43
Australia	Oct	3.50	33.00	0.20	5.00	8.55	25.00	3.15
	Nov	3.50	34.50	0.20	5.00	8.55	26.00	3.65
Canada	Oct	3.67	35.00	0.60	4.00	9.10	26.00	4.17
	Nov	3.67	35.00	0.60	4.00	9.10	26.00	4.17
European Union 5/	Oct	13.43	134.75	5.50	45.00	108.75	35.00	9.93
	Nov	13.43	134.30	6.00	45.50	109.25	35.00	9.48
Russia	Oct	11.09	91.00	0.30	21.00	45.00	42.00	15.39
	Nov	11.09	91.00	0.30	21.00	45.00	42.00	15.39
Ukraine	Oct	5.81	20.50	0.10	5.50	10.70	11.00	4.71
	Nov	5.81	20.50	0.10	5.50	10.70	11.00	4.71
Major Importers 6/	Oct	177.53	205.50	134.00	47.35	320.87	15.77	180.39
	Nov	177.53	205.70	132.55	47.90	319.82	15.77	180.19
Bangladesh	Oct	1.31	1.10	7.00	0.60	8.50	0.00	0.91
	Nov	1.31	1.10	6.00	0.20	7.40	0.00	1.01
Brazil	Oct	1.18	9.20	6.20	0.50	11.90	3.50	1.18
	Nov	1.18	9.40	5.90	0.50	11.80	3.50	1.18
China	Oct	141.76	138.00	9.50	30.00	144.00	0.90	144.36
	Nov	141.76	138.00	9.50	30.00	144.00	0.90	144.36
Japan	Oct	1.18	1.05	5.70	0.65	6.20	0.30	1.43
	Nov	1.18	1.05	5.70	0.65	6.20	0.30	1.43
N. Africa 7/	Oct	11.00	17.60	30.20	1.77	47.52	0.50	10.78
	Nov	11.00	17.60	30.20	1.77	47.52	0.50	10.78
Nigeria	Oct	0.62	0.11	6.50	0.00	6.00	0.60	0.63
	Nov	0.62	0.11	6.30	0.00	5.90	0.60	0.53
Sel. Mideast 8/	Oct	10.57	17.59	23.32	3.88	39.58	0.77	11.13
	Nov	10.57	17.59	23.22	3.88	39.48	0.77	11.13
Southeast Asia 9/	Oct	5.32	0.00	26.13	6.80	25.10	1.15	5.20
	Nov	5.32	0.00	26.23	7.40	25.30	1.15	5.10
Selected Other								
India	Oct	19.50	103.00	0.03	6.50	104.50	6.50	11.53
	Nov	19.50	103.00	0.03	6.00	104.00	6.50	12.03
Kazakhstan	Oct	1.49	13.00	1.00	1.30	6.10	8.00	1.39
	Nov	1.49	14.00	1.00	1.40	6.25	9.00	1.24
United Kingdom	Oct	1.81	14.60	2.00	7.60	15.60	1.00	1.81
	Nov	1.81	15.40	1.80	7.80	15.80	1.30	1.91

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 - 630 - 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/	337.36	1,441.28	233.87	903.99	1,455.74	233.50	322.90
World Less China	136.40	1,172.20	183.34	683.04	1,142.63	233.49	115.44
United States	51.83	372.89	2.47	146.84	315.97	77.21	34.01
Total Foreign	285.53	1,068.39	231.39	757.16	1,139.78	156.29	288.88
Major Exporters 4/	24.24	297.33	5.46	134.75	181.01	126.63	19.39
Argentina	4.57	60.01	0.02	11.29	17.02	45.52	2.06
Australia	3.01	18.56	0.00	6.21	8.08	10.50	2.98
Brazil	5.82	90.32	3.35	62.42	73.86	21.04	4.60
Canada	3.98	29.64	1.89	16.69	24.65	7.26	3.61
Russia	1.87	41.40	0.09	21.47	31.04	10.42	1.90
Ukraine	2.55	39.59	0.07	9.25	12.41	28.15	1.65
Major Importers 5/	36.28	252.76	137.73	294.52	377.03	13.24	36.50
European Union 6/	14.16	155.46	15.87	119.91	159.41	11.45	14.62
Japan	1.74	0.23	16.98	13.45	17.29	0.00	1.66
Mexico	4.14	32.66	17.15	30.34	49.84	0.51	3.60
N. Afr & Mideast 7/	7.70	32.61	38.77	63.15	71.36	0.71	7.01
Saudi Arabia	1.72	0.19	10.03	10.25	10.61	0.00	1.33
Southeast Asia 8/	3.82	31.30	22.65	43.43	51.72	0.57	5.49
South Korea	2.02	0.24	11.80	9.47	12.03	0.00	2.04
Selected Other							
China	200.96	269.08	50.53	220.95	313.11	0.01	207.46
<b>2021/22 Est.</b>							
World 3/	322.90	1,503.36	229.63	915.96	1,491.61	249.74	334.64
World Less China	115.44	1,222.51	188.13	688.13	1,171.59	249.73	124.87
United States	34.01	397.71	2.59	148.60	326.15	70.46	37.71
Total Foreign	288.88	1,105.65	227.04	767.36	1,165.46	179.28	296.93
Major Exporters 4/	19.39	333.83	9.50	144.41	190.72	147.49	24.51
Argentina	2.06	61.16	0.01	12.92	18.54	42.40	2.28
Australia	2.98	18.76	0.00	5.39	7.26	11.21	3.26
Brazil	4.60	120.62	2.96	66.10	78.19	44.52	5.48
Canada	3.61	24.43	6.40	16.90	25.12	5.63	3.68
Russia	1.90	38.54	0.10	22.23	31.11	7.58	1.85
Ukraine	1.65	53.51	0.02	13.45	16.58	32.95	5.66
Major Importers 5/	36.50	248.56	138.76	288.48	371.87	15.29	36.66
European Union 6/	14.62	154.41	21.57	120.47	160.09	13.72	16.79
Japan	1.66	0.24	16.50	13.09	16.83	0.00	1.57
Mexico	3.60	32.79	18.56	31.05	50.77	0.25	3.93
N. Afr & Mideast 7/	7.01	29.37	40.29	60.76	69.50	0.68	6.48
Saudi Arabia	1.33	0.20	8.21	7.95	8.31	0.00	1.43
Southeast Asia 8/	5.49	31.25	17.34	41.41	49.77	0.64	3.67
South Korea	2.04	0.22	11.61	9.24	11.80	0.00	2.06
Selected Other							
China	207.46	280.85	41.50	227.83	320.03	0.01	209.77

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

## WASDE - 630 - 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/	Oct	334.12	1,459.80	220.33	904.20	1,466.91	225.86	327.01
	Nov	334.64	1,459.54	218.67	904.79	1,467.75	225.12	326.43
World Less China	Oct	124.26	1,177.50	184.68	674.35	1,145.86	225.81	120.30
	Nov	124.87	1,177.24	183.52	675.44	1,147.20	225.07	119.80
United States	Oct	37.71	364.11	3.30	137.59	313.42	59.50	32.20
	Nov	37.71	364.77	3.37	138.28	314.11	59.22	32.52
Total Foreign	Oct	296.41	1,095.68	217.04	766.61	1,153.48	166.36	294.82
	Nov	296.93	1,094.77	215.30	766.51	1,153.65	165.89	293.91
Major Exporters 4/	Oct	24.05	340.46	3.50	146.29	193.14	141.74	33.13
	Nov	24.51	340.04	3.50	147.39	194.12	141.24	32.69
Argentina	Oct	2.28	64.71	0.01	11.96	17.77	47.00	2.23
	Nov	2.28	64.11	0.01	11.96	17.67	46.50	2.23
Australia	Oct	3.43	16.67	0.00	5.52	7.40	9.38	3.33
	Nov	3.26	17.47	0.00	5.52	7.40	10.18	3.16
Brazil	Oct	5.48	130.54	1.80	69.50	81.99	47.03	8.81
	Nov	5.48	130.54	1.80	69.50	81.99	47.03	8.81
Canada	Oct	3.05	29.72	1.54	16.81	24.40	6.55	3.36
	Nov	3.68	29.72	1.54	17.41	25.00	6.55	3.39
Russia	Oct	1.85	42.00	0.10	22.50	31.90	10.15	1.91
	Nov	1.85	42.00	0.10	23.00	32.40	9.65	1.91
Ukraine	Oct	5.66	38.96	0.00	12.62	15.75	17.93	10.94
	Nov	5.66	38.96	0.00	12.62	15.75	17.93	10.94
Major Importers 5/	Oct	36.43	234.09	140.11	283.95	366.69	10.89	33.05
	Nov	36.66	232.85	139.09	282.77	364.55	10.89	33.17
European Union 6/	Oct	16.78	137.81	21.32	113.69	152.77	9.27	13.86
	Nov	16.79	136.67	21.40	113.62	151.73	9.27	13.85
Japan	Oct	1.57	0.25	16.47	12.85	16.75	0.00	1.54
	Nov	1.57	0.25	16.47	12.85	16.75	0.00	1.54
Mexico	Oct	3.87	33.50	18.57	31.64	51.36	0.60	3.97
	Nov	3.93	33.50	18.57	31.64	51.36	0.60	4.04
N. Afr & Mideast 7/	Oct	6.47	30.83	39.01	61.20	69.52	0.44	6.35
	Nov	6.48	31.13	38.41	60.90	69.22	0.44	6.37
Saudi Arabia	Oct	1.43	0.19	8.71	8.75	9.11	0.00	1.23
	Nov	1.43	0.19	8.71	8.75	9.11	0.00	1.23
Southeast Asia 8/	Oct	3.53	31.21	19.86	42.05	50.60	0.58	3.40
	Nov	3.67	30.81	19.36	41.25	49.80	0.58	3.45
South Korea	Oct	2.06	0.22	11.60	9.24	11.80	0.00	2.09
	Nov	2.06	0.22	11.60	9.24	11.80	0.00	2.09
Selected Other								
China	Oct	209.86	282.30	35.65	229.85	321.05	0.05	206.71
	Nov	209.77	282.30	35.15	229.35	320.55	0.05	206.62

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 - 630 - 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/	307.48	1,129.29	184.94	723.98	1,143.97	182.60	292.80
World Less China	106.95	868.62	155.42	520.98	858.97	182.60	87.10
United States	48.76	358.45	0.62	142.43	306.69	69.78	31.36
Total Foreign	258.72	770.84	184.32	581.56	837.28	112.83	261.45
Major Exporters 4/	13.37	200.12	2.92	91.02	113.82	93.55	9.04
Argentina	3.62	52.00	0.01	9.50	13.50	40.94	1.18
Brazil	5.33	87.00	2.85	59.50	70.00	21.02	4.15
Russia	0.83	13.87	0.04	8.90	10.00	3.99	0.75
South Africa	2.12	16.95	0.01	7.22	13.22	3.73	2.12
Ukraine	1.48	30.30	0.02	5.90	7.10	23.86	0.83
Major Importers 5/	20.81	132.60	92.89	164.27	219.53	4.79	21.98
Egypt	1.73	6.40	9.63	13.90	16.40	0.01	1.36
European Union 6/	7.38	67.44	14.49	57.20	77.70	3.74	7.88
Japan	1.39	0.01	15.48	12.00	15.45	0.00	1.42
Mexico	3.52	27.35	16.50	25.60	43.80	0.48	3.08
Southeast Asia 7/	3.81	31.25	20.69	41.65	49.70	0.57	5.48
South Korea	2.00	0.09	11.71	9.42	11.78	0.00	2.02
Selected Other							
Canada	2.56	13.56	1.58	8.59	13.98	1.56	2.17
China	200.53	260.67	29.51	203.00	285.00	0.00	205.70
<b>2021/22 Est.</b>							
World 3/	292.80	1,217.46	183.92	751.95	1,202.59	201.83	307.68
World Less China	87.10	944.91	162.04	542.95	911.59	201.83	98.54
United States	31.36	382.89	0.62	145.21	317.12	62.78	34.98
Total Foreign	261.45	834.57	183.31	606.73	885.47	139.06	272.70
Major Exporters 4/	9.04	241.15	2.37	100.30	123.50	115.20	13.86
Argentina	1.18	51.50	0.01	10.80	14.70	36.50	1.49
Brazil	4.15	116.00	2.30	62.00	73.00	44.50	4.95
Russia	0.75	15.23	0.05	10.00	11.10	4.00	0.93
South Africa	2.12	16.30	0.00	7.30	13.30	3.20	1.92
Ukraine	0.83	42.13	0.02	10.20	11.40	27.00	4.57
Major Importers 5/	21.98	136.55	94.43	168.20	223.55	6.88	22.53
Egypt	1.36	7.44	9.60	14.30	16.80	0.00	1.59
European Union 6/	7.88	70.98	20.00	62.30	82.90	6.00	9.96
Japan	1.42	0.01	15.00	11.70	15.05	0.00	1.38
Mexico	3.08	26.76	17.57	25.80	44.00	0.25	3.16
Southeast Asia 7/	5.48	31.20	16.16	40.40	48.55	0.63	3.66
South Korea	2.02	0.08	11.50	9.20	11.55	0.00	2.05
Selected Other							
Canada	2.17	13.98	6.14	11.54	17.36	2.19	2.75
China	205.70	272.55	21.88	209.00	291.00	0.00	209.14

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

## WASDE - 630 - 23

**World Corn 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/	Oct	307.01	1,168.74	178.96	740.23	1,174.55	183.04	301.19
	Nov	307.68	1,168.39	177.60	740.33	1,175.30	182.74	300.76
World Less China	Oct	97.77	894.74	160.96	526.23	879.55	183.02	94.98
	Nov	98.54	894.39	159.60	526.33	880.30	182.72	94.64
United States	Oct	34.98	352.95	1.27	133.99	304.81	54.61	29.77
	Nov	34.98	353.84	1.27	134.63	305.45	54.61	30.02
Total Foreign	Oct	272.03	815.79	177.69	606.24	869.74	128.43	271.42
	Nov	272.70	814.55	176.33	605.71	869.86	128.13	270.74
Major Exporters 4/	Oct	13.86	244.80	1.36	102.30	126.20	111.20	22.62
	Nov	13.86	244.20	1.36	102.30	126.20	110.90	22.32
Argentina	Oct	1.49	55.00	0.01	10.00	14.00	41.00	1.49
	Nov	1.49	55.00	0.01	10.00	14.00	41.00	1.49
Brazil	Oct	4.95	126.00	1.30	65.50	77.00	47.00	8.25
	Nov	4.95	126.00	1.30	65.50	77.00	47.00	8.25
Russia	Oct	0.93	15.00	0.05	10.00	11.20	4.00	0.78
	Nov	0.93	15.00	0.05	10.00	11.20	4.00	0.78
South Africa	Oct	1.92	17.30	0.00	7.30	13.30	3.70	2.22
	Nov	1.92	16.70	0.00	7.30	13.30	3.40	1.92
Ukraine	Oct	4.57	31.50	0.00	9.50	10.70	15.50	9.87
	Nov	4.57	31.50	0.00	9.50	10.70	15.50	9.87
Major Importers 5/	Oct	22.30	122.57	95.90	161.80	216.95	3.89	19.94
	Nov	22.53	120.77	95.40	160.50	214.75	3.89	20.06
Egypt	Oct	1.59	7.44	9.20	13.90	16.40	0.01	1.83
	Nov	1.59	7.44	9.20	13.90	16.40	0.01	1.83
European Union 6/	Oct	9.96	56.20	20.00	56.00	76.10	2.70	7.36
	Nov	9.96	54.80	20.00	55.50	74.70	2.70	7.36
Japan	Oct	1.38	0.01	15.00	11.50	15.00	0.00	1.39
	Nov	1.38	0.01	15.00	11.50	15.00	0.00	1.39
Mexico	Oct	3.08	27.60	17.70	26.30	44.50	0.60	3.28
	Nov	3.16	27.60	17.70	26.30	44.50	0.60	3.36
Southeast Asia 7/	Oct	3.52	31.16	18.00	40.40	48.70	0.58	3.40
	Nov	3.66	30.76	17.50	39.60	47.90	0.58	3.44
South Korea	Oct	2.05	0.08	11.50	9.20	11.55	0.00	2.08
	Nov	2.05	0.08	11.50	9.20	11.55	0.00	2.08
Selected Other								
Canada	Oct	2.12	14.50	1.50	9.20	14.40	1.60	2.12
	Nov	2.75	14.50	1.50	9.80	15.00	1.60	2.15
China	Oct	209.24	274.00	18.00	214.00	295.00	0.02	206.22
	Nov	209.14	274.00	18.00	214.00	295.00	0.02	206.12

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 - 630 - 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/	182.08	509.32	46.40	503.49	50.93	187.92
World Less China	65.58	361.02	42.18	353.19	48.71	71.42
United States	0.91	7.22	1.08	4.86	2.97	1.39
Total Foreign	181.17	502.10	45.32	498.63	47.96	186.53
Major Exporters 4/	41.22	191.63	2.01	149.40	38.33	47.13
Burma	1.01	12.60	0.00	10.50	1.90	1.21
India	33.90	124.37	0.00	101.05	20.22	37.00
Pakistan	1.15	8.42	0.01	3.70	3.88	2.00
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/	128.89	240.06	17.05	255.09	2.71	128.20
China	116.50	148.30	4.22	150.29	2.22	116.50
European Union 6/	0.92	1.83	1.78	3.40	0.45	0.68
Indonesia	3.31	34.50	0.65	35.40	0.00	3.06
Nigeria	1.49	5.15	2.20	7.15	0.00	1.69
Philippines	3.60	12.42	2.20	14.45	0.00	3.76
Sel. Mideast 7/	1.22	2.31	3.25	5.85	0.00	0.92
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	8.15	0.11	1.94
Mexico	0.17	0.20	0.81	0.96	0.02	0.20
South Korea	1.14	3.51	0.43	4.00	0.05	1.02

**2021/22 Est.**

World 3/	187.92	515.09	54.59	519.91	55.98	183.10
World Less China	71.42	366.10	48.64	363.55	53.90	70.10
United States	1.39	6.09	1.20	4.81	2.61	1.26
Total Foreign	186.53	509.00	53.39	515.10	53.37	181.84
Major Exporters 4/	47.13	198.56	1.53	159.74	43.70	43.79
Burma	1.21	12.35	0.00	10.40	2.30	0.87
India	37.00	130.29	0.00	111.29	22.00	34.00
Pakistan	2.00	9.10	0.01	3.75	4.80	2.55
Thailand	4.28	19.88	0.13	12.80	7.60	3.88
Vietnam	2.64	26.94	1.40	21.50	7.00	2.48
Major Importers 5/	128.20	241.98	22.09	262.89	2.53	126.85
China	116.50	148.99	5.95	156.36	2.08	113.00
European Union 6/	0.68	1.71	2.44	3.50	0.41	0.92
Indonesia	3.06	34.40	0.55	35.15	0.00	2.86
Nigeria	1.69	5.26	2.40	7.35	0.00	2.00
Philippines	3.76	12.54	3.60	15.40	0.00	4.50
Sel. Mideast 7/	0.92	2.15	4.19	6.08	0.00	1.19
Selected Other						
Brazil	0.57	7.34	0.85	7.30	1.10	0.36
C. Amer & Carib 8/	0.55	1.63	1.72	3.24	0.04	0.62
Egypt	1.15	2.90	0.65	4.05	0.01	0.65
Japan	1.94	7.67	0.69	8.20	0.12	1.97
Mexico	0.20	0.18	0.75	0.97	0.01	0.16
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 - 630 - 25

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

<b>2022/23 Proj.</b>		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Oct	184.25	505.04	51.45	518.09	53.22	171.20
	Nov	183.10	503.69	51.42	517.77	52.83	169.02
World Less China	Oct	71.25	358.04	46.45	363.09	51.02	63.40
	Nov	70.10	356.69	46.42	362.77	50.63	61.22
United States	Oct	1.26	5.25	1.40	4.48	2.38	1.05
	Nov	1.26	5.22	1.43	4.51	2.25	1.15
Total Foreign	Oct	182.98	499.79	50.05	513.61	50.84	170.15
	Nov	181.84	498.47	49.99	513.26	50.58	167.88
Major Exporters 4/	Oct	44.99	191.40	0.91	157.95	41.50	37.85
	Nov	43.79	190.43	0.86	157.40	41.30	36.37
Burma	Oct	0.87	12.50	0.00	10.30	2.40	0.67
	Nov	0.87	12.50	0.00	10.30	2.40	0.67
India	Oct	35.00	124.00	0.00	109.25	19.00	30.75
	Nov	34.00	124.00	0.00	109.00	19.50	29.50
Pakistan	Oct	2.45	7.40	0.01	4.00	4.70	1.16
	Nov	2.55	6.60	0.01	3.70	4.00	1.46
Thailand	Oct	3.96	20.10	0.20	12.90	8.20	3.16
	Nov	3.88	20.10	0.15	12.90	8.20	3.03
Vietnam	Oct	2.71	27.40	0.70	21.50	7.20	2.11
	Nov	2.48	27.23	0.70	21.50	7.20	1.71
Major Importers 5/	Oct	126.51	239.71	19.80	262.25	2.66	121.11
	Nov	126.85	239.39	19.80	262.75	2.66	120.64
China	Oct	113.00	147.00	5.00	155.00	2.20	107.80
	Nov	113.00	147.00	5.00	155.00	2.20	107.80
European Union 6/	Oct	0.74	1.35	2.50	3.55	0.42	0.62
	Nov	0.92	1.35	2.50	3.55	0.42	0.80
Indonesia	Oct	2.86	34.60	0.55	35.00	0.00	3.01
	Nov	2.86	34.60	0.55	35.50	0.00	2.51
Nigeria	Oct	1.90	5.36	2.20	7.45	0.00	2.00
	Nov	2.00	5.04	2.20	7.45	0.00	1.79
Philippines	Oct	4.50	12.41	3.30	15.60	0.00	4.61
	Nov	4.50	12.41	3.30	15.60	0.00	4.61
Sel. Mideast 7/	Oct	1.17	2.24	4.00	6.25	0.00	1.16
	Nov	1.19	2.24	4.00	6.25	0.00	1.18
Selected Other							
Brazil	Oct	0.41	7.30	0.85	7.25	0.90	0.41
	Nov	0.36	7.30	0.85	7.25	0.90	0.36
C. Amer & Carib 8/	Oct	0.60	1.55	1.77	3.28	0.03	0.62
	Nov	0.62	1.55	1.74	3.27	0.03	0.61
Egypt	Oct	0.65	3.60	0.55	4.10	0.01	0.69
	Nov	0.65	3.60	0.55	4.10	0.01	0.69
Japan	Oct	1.97	7.45	0.69	8.20	0.12	1.79
	Nov	1.97	7.45	0.69	8.20	0.12	1.79
Mexico	Oct	0.16	0.19	0.80	0.98	0.01	0.15
	Nov	0.16	0.19	0.80	0.98	0.01	0.15
South Korea	Oct	1.34	3.75	0.43	3.95	0.06	1.51
	Nov	1.34	3.80	0.42	4.00	0.06	1.50

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 - 630 - 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	98.39	111.47	48.69	123.13	48.73	-0.06	86.75
World Less China	62.05	81.87	35.83	82.13	48.72	-0.06	48.96
United States	7.25	14.61	3/	2.40	16.35	-0.04	3.15
Total Foreign	91.14	96.86	48.69	120.73	32.38	-0.02	83.60
Major Exporters 4/	40.39	53.78	1.61	34.90	27.87	-0.08	33.09
Central Asia 5/	3.96	5.45	0.03	4.11	2.03	0.00	3.29
Afr. Fr. Zone 6/	2.50	4.84	3/	0.10	5.49	0.00	1.74
S. Hemis. 7/	17.64	15.55	0.14	4.04	13.60	-0.09	15.78
Australia	1.20	2.80	3/	0.01	1.58	-0.10	2.51
Brazil	14.40	10.82	0.01	3.10	11.01	0.00	11.12
India	15.68	27.60	0.84	26.00	6.19	0.00	11.94
Major Importers 8/	48.28	39.87	44.66	81.78	3.10	0.06	47.87
Mexico	0.71	1.02	0.93	1.70	0.49	0.02	0.45
China	36.34	29.60	12.86	41.00	0.01	0.00	37.79
European Union 9/	0.66	1.69	0.56	0.59	1.96	0.00	0.37
Turkey	2.77	2.90	5.33	7.70	0.59	0.00	2.71
Pakistan	3.12	4.50	5.40	10.80	0.03	0.03	2.17
Indonesia	0.64	3/	2.31	2.45	0.01	0.00	0.50
Thailand	0.10	3/	0.60	0.61	0.00	0.01	0.08
Bangladesh	2.52	0.15	8.30	8.50	0.00	0.01	2.45
Vietnam	1.10	3/	7.29	7.30	0.00	0.00	1.09
<b>2021/22 Est.</b>							
World	86.75	115.76	42.89	117.37	42.76	-0.37	85.64
World Less China	48.96	88.96	35.05	82.37	42.64	-0.37	48.33
United States	3.15	17.52	0.01	2.55	14.62	-0.24	3.75
Total Foreign	83.60	98.24	42.88	114.82	28.14	-0.12	81.89
Major Exporters 4/	33.09	55.39	1.79	34.11	23.93	-0.18	32.41
Central Asia 5/	3.29	4.95	0.06	4.16	1.48	0.00	2.66
Afr. Fr. Zone 6/	1.74	5.98	3/	0.10	5.91	-0.01	1.71
S. Hemis. 7/	15.78	19.55	0.16	4.23	12.43	-0.18	19.01
Australia	2.51	5.75	3/	0.01	3.58	-0.19	4.86
Brazil	11.12	11.72	0.02	3.20	7.73	0.00	11.94
India	11.94	24.50	1.00	25.00	3.74	0.00	8.70
Major Importers 8/	47.87	39.61	38.69	76.48	2.93	0.06	46.70
Mexico	0.45	1.22	0.96	1.85	0.40	0.01	0.37
China	37.79	26.80	7.84	35.00	0.12	0.00	37.31
European Union 9/	0.37	1.63	0.64	0.62	1.77	0.00	0.25
Turkey	2.71	3.80	5.52	8.70	0.57	0.00	2.77
Pakistan	2.17	6.00	4.50	10.70	0.05	0.03	1.89
Indonesia	0.50	3/	2.58	2.60	0.01	0.00	0.46
Thailand	0.08	3/	0.75	0.73	0.00	0.01	0.10
Bangladesh	2.45	0.15	8.20	8.50	0.00	0.01	2.29
Vietnam	1.09	3/	6.63	6.70	0.00	0.00	1.02

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

## WASDE - 630 - 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	Oct	85.26	118.05	43.62	115.60	43.61	-0.15	87.87
	Nov	85.64	116.43	43.22	114.95	43.20	-0.13	87.27
World Less China	Oct	47.95	90.05	34.92	79.10	43.56	-0.15	50.40
	Nov	48.33	88.43	34.72	78.45	43.13	-0.13	50.03
United States	Oct	3.75	13.81	0.01	2.30	12.50	-0.03	2.80
	Nov	3.75	14.03	0.01	2.30	12.50	-0.01	3.00
Total Foreign	Oct	81.51	104.24	43.62	113.30	31.11	-0.12	85.07
	Nov	81.89	102.40	43.22	112.65	30.70	-0.12	84.27
Major Exporters 4/	Oct	32.03	60.25	2.25	32.66	27.00	-0.17	35.04
	Nov	32.41	59.12	2.30	32.66	26.57	-0.17	34.77
Central Asia 5/	Oct	2.66	5.00	0.08	3.77	1.47	0.00	2.50
	Nov	2.66	5.00	0.08	3.77	1.47	0.00	2.50
Afr. Fr. Zone 6/	Oct	1.71	6.17	3/	0.10	5.78	0.00	1.99
	Nov	1.71	5.54	3/	0.10	5.40	0.00	1.76
S. Hemis. 7/	Oct	18.64	21.03	0.15	4.18	15.76	-0.18	20.07
	Nov	19.01	20.53	0.15	4.18	15.76	-0.18	19.94
Australia	Oct	4.70	6.00	3/	0.01	6.20	-0.19	4.68
	Nov	4.86	5.50	3/	0.01	6.20	-0.19	4.34
Brazil	Oct	11.72	13.00	0.02	3.20	8.40	0.00	13.13
	Nov	11.94	13.00	0.02	3.20	8.40	0.00	13.35
India	Oct	8.70	27.50	1.50	24.00	3.50	0.00	10.20
	Nov	8.70	27.50	1.55	24.00	3.45	0.00	10.30
Major Importers 8/	Oct	46.70	40.74	39.15	76.60	2.70	0.06	47.24
	Nov	46.70	40.03	38.70	75.95	2.72	0.06	46.70
Mexico	Oct	0.37	1.40	1.00	1.80	0.50	0.01	0.46
	Nov	0.37	1.40	1.00	1.80	0.50	0.01	0.46
China	Oct	37.31	28.00	8.70	36.50	0.05	0.00	37.46
	Nov	37.31	28.00	8.50	36.50	0.08	0.00	37.24
European Union 9/	Oct	0.25	1.58	0.56	0.58	1.46	0.00	0.34
	Nov	0.25	1.57	0.56	0.58	1.46	0.00	0.33
Turkey	Oct	2.77	4.40	4.70	8.30	0.65	0.00	2.92
	Nov	2.77	4.40	4.70	8.30	0.65	0.00	2.92
Pakistan	Oct	1.89	5.20	4.80	10.00	0.03	0.03	1.84
	Nov	1.89	4.50	5.00	9.70	0.03	0.03	1.64
Indonesia	Oct	0.46	3/	2.50	2.50	0.01	0.00	0.46
	Nov	0.46	3/	2.45	2.45	0.01	0.00	0.46
Thailand	Oct	0.10	3/	0.70	0.70	0.00	0.01	0.09
	Nov	0.10	3/	0.70	0.70	0.00	0.01	0.09
Bangladesh	Oct	2.29	0.16	8.40	8.50	0.00	0.01	2.34
	Nov	2.29	0.16	8.00	8.20	0.00	0.01	2.24
Vietnam	Oct	1.02	3/	6.80	6.70	0.00	0.00	1.13
	Nov	1.02	3/	6.80	6.70	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 - 630 - 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/		94.74	368.52	165.54	315.43	363.76	165.00	100.03
World Less China		70.13	348.92	65.80	222.43	251.02	164.93	68.89
United States		14.28	114.75	0.54	58.26	60.91	61.67	6.99
Total Foreign		80.46	253.77	165.00	257.18	302.86	103.34	93.04
Major Exporters 3/		47.42	197.39	5.92	90.21	100.84	94.95	54.94
Argentina		26.65	46.20	4.82	40.16	47.41	5.20	25.06
Brazil		20.42	139.50	1.02	46.68	49.88	81.65	29.40
Paraguay		0.33	9.90	0.02	3.30	3.47	6.33	0.45
Major Importers 4/		27.98	23.25	133.39	122.10	149.80	0.27	34.56
China		24.61	19.60	99.74	93.00	112.74	0.07	31.15
European Union		1.72	2.60	14.79	15.80	17.36	0.19	1.56
Southeast Asia		0.98	0.59	9.68	4.74	10.04	0.01	1.20
Mexico		0.37	0.25	6.10	6.20	6.25	0.00	0.46
<b>2021/22 Est.</b>								
World 2/		100.03	355.59	156.24	314.51	363.17	154.02	94.67
World Less China		68.89	339.19	64.67	227.01	255.95	153.92	62.88
United States		6.99	121.53	0.43	59.98	62.78	58.72	7.45
Total Foreign		93.04	234.06	155.81	254.53	300.38	95.30	87.22
Major Exporters 3/		54.94	178.17	4.44	92.15	102.69	87.47	47.39
Argentina		25.06	43.90	3.84	38.83	46.04	2.86	23.90
Brazil		29.40	127.00	0.54	51.00	54.25	79.36	23.34
Paraguay		0.45	4.20	0.05	2.25	2.33	2.25	0.13
Major Importers 4/		34.56	20.16	123.19	116.05	143.32	0.40	34.19
China		31.15	16.40	91.57	87.50	107.22	0.10	31.79
European Union		1.56	2.71	14.10	15.40	16.97	0.27	1.13
Southeast Asia		1.20	0.53	8.42	4.45	9.33	0.02	0.80
Mexico		0.46	0.29	5.80	6.20	6.25	0.00	0.30
<b>2022/23 Proj.</b>								
World 2/	Oct	92.38	390.99	166.23	329.44	380.24	168.84	100.52
	Nov	94.67	390.53	166.28	329.28	380.17	169.14	102.17
World Less China	Oct	61.63	372.59	68.23	233.44	263.65	168.74	70.06
	Nov	62.88	372.13	68.28	233.28	263.58	169.04	70.67
United States	Oct	7.45	117.38	0.41	60.83	64.15	55.66	5.44
	Nov	7.45	118.27	0.41	61.10	64.48	55.66	5.99
Total Foreign	Oct	84.93	273.61	165.82	268.61	316.09	113.19	95.08
	Nov	87.22	272.26	165.87	268.18	315.69	113.49	96.17
Major Exporters 3/	Oct	46.45	215.50	5.57	95.78	106.79	104.68	56.05
	Nov	47.39	214.00	5.57	95.28	106.29	104.88	55.79
Argentina	Oct	23.15	51.00	4.80	40.50	47.75	7.00	24.20
	Nov	23.90	49.50	4.80	39.75	47.00	7.20	24.00
Brazil	Oct	23.16	152.00	0.75	51.50	55.10	89.50	31.31
	Nov	23.34	152.00	0.75	51.75	55.35	89.50	31.24
Paraguay	Oct	0.13	10.00	0.01	3.70	3.86	5.75	0.53
	Nov	0.13	10.00	0.01	3.70	3.86	5.75	0.53
Major Importers 4/	Oct	32.95	21.92	132.33	125.10	153.73	0.33	33.14
	Nov	34.19	21.82	132.38	125.10	153.73	0.33	34.32
China	Oct	30.74	18.40	98.00	96.00	116.59	0.10	30.46
	Nov	31.79	18.40	98.00	96.00	116.59	0.10	31.50
European Union	Oct	0.93	2.50	14.80	15.20	16.78	0.22	1.23
	Nov	1.13	2.47	14.80	15.20	16.78	0.22	1.40
Southeast Asia	Oct	0.81	0.50	9.88	4.85	10.20	0.02	0.97
	Nov	0.80	0.50	9.88	4.85	10.20	0.02	0.96
Mexico	Oct	0.30	0.29	6.35	6.55	6.60	0.00	0.34
	Nov	0.30	0.23	6.40	6.55	6.60	0.00	0.32

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 - 630 - 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/		15.46	247.81	63.61	243.66	68.97	14.25
World Less China		15.46	174.16	63.54	170.98	67.92	14.25
United States		0.31	45.87	0.71	34.18	12.41	0.31
Total Foreign		15.15	201.94	62.90	209.48	56.57	13.94
Major Exporters 3/		6.76	75.10	0.26	28.58	46.93	6.61
Argentina		2.57	31.32	0.00	3.28	28.33	2.29
Brazil		3.77	36.18	0.02	19.25	16.58	4.15
India		0.42	7.60	0.24	6.05	2.03	0.18
Major Importers 4/		2.63	22.86	37.25	59.63	1.12	2.00
European Union		0.79	12.48	16.51	28.39	0.85	0.55
Mexico		0.18	4.90	1.85	6.73	0.01	0.20
Southeast Asia 5/		1.48	3.69	17.05	20.86	0.27	1.10
China		0.00	73.66	0.07	72.68	1.05	0.00
<b>2021/22 Est.</b>							
World 2/		14.25	246.82	64.36	243.43	68.26	13.75
World Less China		14.25	177.52	64.31	174.56	67.77	13.75
United States		0.31	47.00	0.59	35.35	12.27	0.28
Total Foreign		13.94	199.81	63.77	208.08	55.99	13.46
Major Exporters 3/		6.61	77.42	0.80	30.15	47.48	7.19
Argentina		2.29	30.29	0.14	3.33	26.59	2.80
Brazil		4.15	39.53	0.01	19.80	20.25	3.64
India		0.18	7.60	0.65	7.03	0.65	0.75
Major Importers 4/		2.00	22.42	37.65	59.54	1.10	1.44
European Union		0.55	12.17	16.50	28.04	0.75	0.42
Mexico		0.20	4.90	1.83	6.78	0.02	0.13
Southeast Asia 5/		1.10	3.47	17.52	21.02	0.34	0.74
China		0.00	69.30	0.06	68.87	0.48	0.00
<b>2022/23 Proj.</b>							
World 2/	Oct	14.22	258.59	65.08	252.56	69.93	15.39
	Nov	13.75	258.47	65.04	252.79	69.95	14.52
World Less China	Oct	14.22	182.55	65.03	177.48	68.93	15.39
	Nov	13.75	182.44	64.99	177.71	68.95	14.52
United States	Oct	0.36	47.72	0.54	35.79	12.43	0.41
	Nov	0.28	47.94	0.54	36.02	12.43	0.32
Total Foreign	Oct	13.86	210.87	64.53	216.77	57.50	14.98
	Nov	13.46	210.54	64.49	216.77	57.52	14.20
Major Exporters 3/	Oct	7.48	79.50	0.12	30.76	48.30	8.04
	Nov	7.19	79.11	0.12	30.76	48.30	7.36
Argentina	Oct	3.09	31.59	0.00	3.40	28.20	3.08
	Nov	2.80	31.01	0.00	3.40	27.60	2.81
Brazil	Oct	3.64	39.91	0.02	20.35	18.90	4.32
	Nov	3.64	40.10	0.02	20.35	19.50	3.91
India	Oct	0.75	8.00	0.10	7.01	1.20	0.65
	Nov	0.75	8.00	0.10	7.01	1.20	0.65
Major Importers 4/	Oct	1.57	22.86	38.28	59.83	1.07	1.81
	Nov	1.44	22.86	38.28	59.83	1.07	1.67
European Union	Oct	0.48	12.01	16.80	27.94	0.75	0.60
	Nov	0.42	12.01	16.80	27.94	0.75	0.54
Mexico	Oct	0.14	5.18	1.85	6.95	0.01	0.21
	Nov	0.13	5.18	1.85	6.95	0.01	0.20
Southeast Asia 5/	Oct	0.81	3.79	17.80	21.23	0.31	0.86
	Nov	0.74	3.79	17.80	21.23	0.31	0.79
China	Oct	0.00	76.03	0.05	75.08	1.00	0.00
	Nov	0.00	76.03	0.05	75.08	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 - 630 - 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/		5.37	59.23	11.68	58.42	12.61	5.26
World Less China		4.59	42.56	10.45	40.82	12.57	4.22
United States		0.84	11.35	0.14	10.58	0.79	0.97
Total Foreign		4.53	47.88	11.55	47.84	11.83	4.29
Major Exporters 3/		1.54	20.54	0.75	12.51	9.02	1.30
Argentina		0.55	7.93	0.00	2.04	6.14	0.30
Brazil		0.48	8.99	0.25	7.98	1.26	0.47
European Union		0.44	3.00	0.49	2.43	1.06	0.44
Major Importers 4/		1.59	19.87	6.75	26.36	0.21	1.64
China		0.78	16.67	1.23	17.60	0.04	1.03
India		0.14	1.71	3.25	4.95	0.01	0.13
North Africa 5/		0.43	0.99	1.61	2.60	0.13	0.30
<b>2021/22 Est.</b>							
World 2/		5.26	59.32	11.30	59.28	12.18	4.42
World Less China		4.22	43.64	11.01	42.63	12.07	4.18
United States		0.97	11.86	0.14	11.25	0.80	0.91
Total Foreign		4.29	47.47	11.16	48.02	11.38	3.52
Major Exporters 3/		1.30	20.84	0.59	12.63	8.66	1.44
Argentina		0.30	7.66	0.09	2.66	4.86	0.53
Brazil		0.47	9.82	0.03	7.55	2.41	0.36
European Union		0.44	2.93	0.46	2.36	0.98	0.50
Major Importers 4/		1.64	19.07	6.47	26.25	0.28	0.66
China		1.03	15.68	0.29	16.65	0.11	0.24
India		0.13	1.71	4.10	5.83	0.02	0.10
North Africa 5/		0.30	1.18	1.44	2.55	0.13	0.24
<b>2022/23 Proj.</b>							
World 2/	Oct	4.46	61.90	11.89	60.48	12.90	4.88
	Nov	4.42	61.87	11.68	60.39	12.66	4.93
World Less China	Oct	4.20	44.70	10.89	42.68	12.81	4.30
	Nov	4.18	44.67	10.68	42.59	12.57	4.37
United States	Oct	0.93	11.88	0.23	11.57	0.64	0.84
	Nov	0.91	11.93	0.23	11.64	0.59	0.84
Total Foreign	Oct	3.53	50.02	11.66	48.92	12.26	4.04
	Nov	3.52	49.94	11.45	48.75	12.07	4.08
Major Exporters 3/	Oct	1.44	21.51	0.60	12.57	9.48	1.52
	Nov	1.44	21.41	0.60	12.62	9.28	1.56
Argentina	Oct	0.57	8.00	0.00	2.38	5.70	0.49
	Nov	0.53	7.86	0.00	2.38	5.50	0.51
Brazil	Oct	0.38	9.92	0.10	7.83	2.10	0.47
	Nov	0.36	9.97	0.10	7.83	2.10	0.50
European Union	Oct	0.46	2.89	0.50	2.31	1.08	0.47
	Nov	0.50	2.89	0.50	2.36	1.08	0.46
Major Importers 4/	Oct	0.69	20.67	6.89	26.94	0.21	1.09
	Nov	0.66	20.67	6.69	26.74	0.21	1.06
China	Oct	0.26	17.20	1.00	17.80	0.09	0.58
	Nov	0.24	17.20	1.00	17.80	0.09	0.55
India	Oct	0.10	1.80	3.55	5.30	0.02	0.14
	Nov	0.10	1.80	3.35	5.10	0.02	0.14
North Africa 5/	Oct	0.24	1.13	1.59	2.59	0.11	0.27
	Nov	0.24	1.13	1.59	2.59	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, Bangladesh, and North Africa. 5/ Algeria, Egypt, Morocco, and Tunisia. Totals may not add due to rounding.

## WASDE - 630 - 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	IV	7,106	7,185	14,341	11,193	1,366	12,689	27,030	2,371	55.4
	Annual	27,948	27,675	55,815	44,899	5,558	50,995	106,810	9,238	226.3
2022	I	7,022	6,904	13,972	11,170	1,374	12,678	26,650	2,295	56.3
	II	7,069	6,639	13,755	11,279	1,275	12,698	26,453	2,207	57.8
	III	7,146	6,533	13,725	11,900	1,264	13,310	27,035	2,245	56.5
	IV*	7,110	7,045	14,204	11,625	1,275	13,025	27,229	2,285	56.3
	Annual									
	Oct Proj.	28,136	27,148	55,471	45,899	5,204	51,651	107,122	9,042	226.9
Nov Proj.	28,347	27,121	55,655	45,974	5,188	51,710	107,366	9,032	227.0	
2023	I*	6,705	6,980	13,730	11,500	1,345	12,975	26,705	2,305	57.1
	II*	6,555	6,505	13,105	11,575	1,390	13,100	26,205	2,355	58.4
	III*	6,490	6,615	13,150	12,050	1,420	13,610	26,760	2,400	56.9
	Annual									
	Oct Proj.	26,365	27,345	53,893	46,625	5,610	52,765	106,658	9,560	229.2
Nov Proj.	26,275	27,345	53,803	46,825	5,580	52,935	106,738	9,515	229.2	

\* 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	IV	132.36	56.36	110.9	133.4	131.8	20.67
	Annual	122.40	67.29	101.2	122.8	118.5	18.53
2022	I	139.25	65.55	135.1	131.4	170.8	24.93
	II	141.93	75.58	167.5	143.9	251.6	27.10
	III	143.42	80.20	136.1	165.4	295.6	24.80
	IV*	152.00	64.00	125.0	181.0	322.0	25.20
	Annual						
	Oct Proj.	143.15	71.08	141.4	152.9	242.0	25.60
Nov Proj.	144.15	71.33	140.9	155.4	260.0	25.50	
2023	I*	153.00	63.00	130.0	160.0	230.0	23.25
	II*	154.00	71.00	133.0	157.0	175.0	22.45
	III*	155.00	69.00	130.0	147.0	160.0	21.75
	Annual						
	Oct Proj.	154	67	131	151	170	22.90
Nov Proj.	156	67	131	153	184	22.60	

\*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 - 630 - 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	3,346	32,078	3,441	676	27,962	58.9	
	2022 Proj.	Oct	676	28,204	3,389	32,268	3,571	730	27,967	58.8
		Nov	676	28,415	3,376	32,467	3,542	730	28,195	59.2
	2023 Proj.	Oct	730	26,433	3,350	30,513	3,070	640	26,803	56.1
		Nov	730	26,343	3,350	30,423	3,070	640	26,713	55.9
Pork	2021	467	27,690	1,180	29,337	7,026	446	21,865	51.1	
	2022 Proj.	Oct	446	27,162	1,477	29,085	6,389	550	22,146	51.6
		Nov	446	27,135	1,424	29,005	6,409	540	22,056	51.4
	2023 Proj.	Oct	550	27,360	1,505	29,415	6,280	570	22,565	52.4
		Nov	540	27,360	1,410	29,310	6,280	570	22,460	52.1
Total Red Meat 5/	2021	1,217	55,906	4,890	62,014	10,470	1,147	50,397	111.5	
	2022 Proj.	Oct	1,147	55,563	5,232	61,942	9,965	1,307	50,671	111.8
		Nov	1,147	55,747	5,165	62,059	9,956	1,299	50,805	112.1
	2023 Proj.	Oct	1,307	53,985	5,220	60,511	9,354	1,237	49,921	109.9
		Nov	1,299	53,895	5,125	60,318	9,354	1,237	49,728	109.5
Broiler	2021	830	44,419	155	45,403	7,355	705	37,343	96.6	
	2022 Proj.	Oct	705	45,408	188	46,301	7,168	820	38,312	98.8
		Nov	705	45,482	187	46,374	7,212	830	38,332	98.8
	2023 Proj.	Oct	820	46,126	170	47,116	7,370	790	38,956	100.1
		Nov	830	46,324	170	47,324	7,370	790	39,164	100.6
Turkey	2021	223	5,558	22	5,804	548	166	5,090	15.3	
	2022 Proj.	Oct	166	5,204	82	5,452	404	165	4,883	14.7
		Nov	166	5,188	86	5,440	417	165	4,857	14.6
	2023 Proj.	Oct	165	5,610	85	5,860	415	170	5,275	15.8
		Nov	165	5,580	100	5,845	425	170	5,250	15.7
Total Poultry 6/	2021	1,057	50,514	180	51,751	7,947	874	42,930	113.4	
	2022 Proj.	Oct	874	51,159	276	52,310	7,606	989	43,715	115.0
		Nov	874	51,218	280	52,372	7,660	999	43,713	115.0
	2023 Proj.	Oct	989	52,266	259	53,514	7,813	964	44,737	117.4
		Nov	999	52,433	276	53,708	7,819	964	44,925	117.9
Red Meat & Poultry	2021	2,274	106,420	5,070	113,765	18,418	2,021	93,327	224.9	
	2022 Proj.	Oct	2,021	106,722	5,508	114,251	17,570	2,296	94,386	226.8
		Nov	2,021	106,965	5,445	114,431	17,615	2,298	94,518	227.1
	2023 Proj.	Oct	2,296	106,250	5,479	114,025	17,167	2,201	94,657	227.3
		Nov	2,298	106,328	5,401	114,027	17,173	2,201	94,653	227.4

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



## WASDE - 630 - 33

## U.S. Egg Supply and Use

	2020	2021	2022 Proj. Oct	2022 Proj. Nov	2023 Proj. Oct	2023 Proj. Nov
<b>Eggs</b>	<i>Million Dozen</i>					
<b>Supply</b>						
Beginning Stocks	31.6	24.5	19.1	19.1	19.0	20.5
Production	9,291.8	9,237.8	9,041.7	9,032.0	9,560.0	9,515.0
Imports	15.5	18.2	24.0	22.7	19.5	19.5
<b>Total Supply</b>	<b>9,338.9</b>	<b>9,280.5</b>	<b>9,084.8</b>	<b>9,073.9</b>	<b>9,598.5</b>	<b>9,555.0</b>
<b>Use</b>						
Exports	344.0	392.2	222.8	221.8	270.0	265.0
Hatching Use	1,078.5	1,103.9	1,125.6	1,124.0	1,160.0	1,150.0
Ending Stocks	24.5	19.1	19.0	20.5	21.0	21.0
Disappearance						
<b>Total</b>	<b>7,891.8</b>	<b>7,765.3</b>	<b>7,717.4</b>	<b>7,707.6</b>	<b>8,147.5</b>	<b>8,119.0</b>
Per Capita (number)	285.5	280.5	278.0	277.6	292.4	291.5

## U.S. Milk Supply and Use

	2020	2021	2022 Proj. Oct	2022 Proj. Nov	2023 Proj. Oct	2023 Proj. Nov
<b>Milk</b>	<i>Billion Pounds</i>					
<b>Production</b>						
Farm Use	1.1	1.0	1.1	1.1	1.1	1.1
<b>Fat Basis Supply</b>						
Beginning Stocks	13.6	15.6	14.3	14.3	14.3	14.1
Marketings	222.2	225.2	225.8	225.9	228.2	228.1
Imports	6.8	6.5	7.2	7.0	7.2	7.1
<b>Total Supply</b>	<b>242.6</b>	<b>247.4</b>	<b>247.3</b>	<b>247.2</b>	<b>249.6</b>	<b>249.3</b>
<b>Fat Basis Use</b>						
Exports	9.3	11.5	13.5	13.1	12.6	12.7
Ending Stocks	15.6	14.3	14.3	14.1	15.8	14.9
Domestic Use	217.8	221.5	219.5	220.0	221.2	221.6
<b>Skim-solid Basis Supply</b>						
Beginning Stocks	10.2	10.9	11.1	11.1	12.0	11.2
Marketings	222.2	225.2	225.8	225.9	228.2	228.1
Imports	5.6	5.8	6.5	6.4	6.1	6.0
<b>Total Supply</b>	<b>238.0</b>	<b>241.9</b>	<b>243.4</b>	<b>243.4</b>	<b>246.2</b>	<b>245.4</b>
<b>Skim-solid Basis Use</b>						
Exports	47.2	50.8	52.2	52.4	52.2	52.5
Ending Stocks	10.9	11.1	12.0	11.2	12.4	11.1
Domestic Use	179.9	180.0	179.2	179.8	181.6	181.8

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

## WASDE - 630 - 34

## U.S. Dairy Prices

	2020	2021	2022 Proj. Oct	2022 Proj. Nov	2023 Proj. Oct	2023 Proj. Nov
Product Prices 1/	<i>Dollars Per Pound</i>					
Cheese	1.9236	1.6755	2.105	2.100	1.985	1.970
Butter	1.5808	1.7325	2.880	2.845	2.440	2.455
Nonfat Dry Milk	1.0417	1.2693	1.690	1.680	1.495	1.405
Dry Whey	0.3621	0.5744	0.605	0.605	0.485	0.485
	<i>Dollars Per Cwt</i>					
Milk Prices 2/						
Class III	18.16	17.08	21.90	21.80	19.80	19.65
Class IV	13.49	16.09	24.60	24.30	21.00	20.35
All Milk 3/	18.13	18.53	25.60	25.50	22.90	22.60

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 - 630 - 35

## Reliability of November Projections 1/

Note: Tables on pages 35-37 present a record of the November projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 1.2 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 2 percent. The average difference between the November projection and the final estimate is 5.3 million tons, ranging from 0.1 million to 18.1 million tons. The November projection has been below the estimate 30 times and above 11 times.

	Root mean square error	90 percent confidence interval	Differences between forecast and final estimate				
			Average	Smallest	Largest	Years	
						Below Final	Above Final
<b>WHEAT</b>	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	1.2	2.0	5.3	0.1	18.1	30	11
U.S.	0.4	0.7	0.2	0.0	1.2	21	13
Foreign	1.3	2.2	5.2	0.0	18.2	30	11
Exports							
World	5.6	9.4	6.1	0.2	19.2	33	8
U.S.	7.4	12.4	1.9	0.2	8.6	19	22
Foreign	6.8	11.5	5.9	0.3	17.2	36	5
Domestic Use							
World	1.4	2.4	6.4	0.0	28.5	25	15
U.S.	5.9	9.9	1.6	0.1	3.6	11	30
Foreign	1.5	2.5	6.6	0.5	28.7	28	13
Ending Stocks							
World	6.2	10.5	8.3	0.2	32.1	31	10
U.S.	11.2	18.8	2.0	0.2	7.0	26	15
Foreign	6.4	10.8	7.2	0.8	31.2	30	11
<b>COARSE GRAINS 2/</b>							
Production							
World	1.6	2.6	13.3	0.2	47.3	31	10
U.S.	1.3	2.2	2.5	0.0	9.9	19	22
Foreign	2.2	3.7	13.2	0.2	48.8	31	10
Exports							
World	6.5	11.0	6.5	0.1	29.7	28	13
U.S.	15.5	26.1	5.7	0.4	14.7	21	20
Foreign	12.0	20.2	6.9	0.3	23.5	28	13
Domestic Use							
World	1.3	2.2	10.6	0.2	41.9	24	17
U.S.	3.5	5.9	5.0	0.2	17.2	19	22
Foreign	1.5	2.6	9.6	0.3	42.2	26	15
Ending Stocks							
World	12.0	20.2	12.3	0.3	39.6	33	8
U.S.	20.5	34.5	7.6	0.6	23.9	22	19
Foreign	15.7	26.4	10.8	0.2	31.1	37	4
<b>RICE, milled</b>							
Production							
World	2.0	3.4	5.7	0.1	16.8	34	7
U.S.	2.8	4.7	0.1	0.0	0.5	20	18
Foreign	2.1	3.5	5.7	0.2	16.9	34	7
Exports							
World	9.2	15.5	2.0	0.1	6.0	32	9
U.S.	9.3	15.6	0.2	0.0	0.7	20	18
Foreign	10.5	17.7	2.0	0.0	6.1	30	11
Domestic Use							
World	1.7	2.8	4.0	0.1	17.5	34	7
U.S.	8.2	13.9	0.2	0.0	0.6	22	19
Foreign	1.7	2.8	4.0	0.0	17.7	35	6
Ending Stocks							
World	10.4	17.5	5.4	0.1	24.6	33	8
U.S.	22.6	38.0	0.2	0.0	0.8	23	18
Foreign	10.8	18.1	5.4	0.1	24.4	33	8

1/ Footnotes at end of table.

CONTINUED

## WASDE - 630 - 36

## Reliability of November 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	4.0	6.8	6.4	0.0	28.3	24	17
U.S.	2.1	3.6	1.2	0.1	4.7	18	23
Foreign	6.6	11.2	6.2	0.0	29.4	21	20
Exports							
World	7.3	12.4	4.0	0.0	17.9	25	16
U.S.	9.8	16.6	2.4	0.1	7.1	26	15
Foreign	18.0	30.3	3.6	0.1	20.8	20	21
Domestic Use							
World	2.9	4.8	4.4	0.0	14.5	23	18
U.S.	3.6	6.0	1.3	0.0	3.8	28	13
Foreign	3.5	6.0	4.2	0.2	14.5	23	18
Ending Stocks							
World	15.9	26.8	4.7	0.0	18.4	22	19
U.S.	47.2	79.5	2.2	0.1	7.3	11	30
Foreign	16.9	28.5	4.2	0.1	18.2	23	18
<b>COTTON</b>	<i>Million 480-Pound Bales</i>						
Production							
World	3.6	6.0	2.6	0.1	9.3	24	17
U.S.	4.0	6.7	0.5	0.0	2.5	19	21
Foreign	4.1	6.9	2.5	0.1	8.9	25	16
Exports							
World	7.9	13.3	2.1	0.1	10.3	26	15
U.S.	16.7	28.1	1.1	0.1	3.2	24	17
Foreign	10.2	17.2	1.6	0.0	8.9	21	19
Domestic Use							
World	4.6	7.8	3.2	0.0	19.4	19	21
U.S.	9.4	15.9	0.3	0.0	1.1	20	21
Foreign	4.6	7.8	3.1	0.0	18.6	20	21
Ending Stocks							
World	12.1	20.3	5.2	0.3	18.4	25	16
U.S.	36.8	61.9	1.2	0.1	4.1	15	26
Foreign	12.7	21.5	4.9	0.0	17.3	27	14

1/ Marketing years 1981/82 through 2021/22 for grains, soybeans (U.S. only), and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2020/21, and for 2021/22 the last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

## WASDE - 630 - 37

## Reliability of United States November Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final
<b>CORN</b>	<i>Percent</i>		<i>Million Bushels</i>				
Production	1.3	2.3	94	0	396	20	20
Exports	16.0	27.0	201	9	575	19	22
Domestic Use	3.7	6.3	193	3	574	24	17
Ending Stocks	23.2	39.0	298	17	986	20	21
<b>SORGHUM</b>							
Production	4.1	6.9	15	1	53	21	20
Exports	20.3	34.2	32	0	123	23	17
Domestic Use	19.6	33.0	34	0	127	18	22
Ending Stocks	47.8	80.5	24	2	104	15	26
<b>BARLEY</b>							
Production	1.6	2.6	4	0	24	19	10
Exports	40.3	67.9	9	0	37	16	20
Domestic Use	8.2	13.8	17	0	70	16	24
Ending Stocks	15.1	25.5	13	0	38	25	14
<b>OATS</b>							
Production	1.1	1.8	2	0	18	8	9
Exports	69.7	117.3	1	0	7	11	10
Domestic Use	5.4	9.1	12	1	39	16	25
Ending Stocks	20.2	34.0	13	1	52	27	14
<b>SOYBEAN MEAL</b>	<i>Thousand Short Tons</i>						
Production	3.5	6.0	1,049	14	3,250	26	15
Exports	11.2	18.9	715	0	3,600	22	16
Domestic Use	3.3	5.6	736	30	2,350	20	21
Ending Stocks	27.3	46.0	42	0	249	15	13
<b>SOYBEAN OIL</b>	<i>Million Pounds</i>						
Production	3.8	6.4	519	40	2,240	29	12
Exports	29.6	49.8	382	0	1,425	22	18
Domestic Use	3.7	6.3	468	56	1,828	26	15
Ending Stocks	22.7	38.3	336	0	1,077	22	18
<b>ANIMAL PROD.</b>	<i>Million Pounds</i>						
Beef	3.7	6.3	770	92	2,461	27	13
Pork	3.1	5.3	426	2	1,592	21	19
Broilers	1.8	3.0	404	17	1,394	25	15
Turkeys	3.7	6.2	145	2	496	21	19
	<i>Million Dozen</i>						
Eggs	2.1	3.5	119	2	513	26	14
	<i>Billion Pounds</i>						
Milk	1.5	2.6	1.9	0.1	6.0	20	20

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

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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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For questions contact: Mirvat Sewadeh at [mirvat.sewadeh@usda.gov](mailto:mirvat.sewadeh@usda.gov)

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

**WASDE-630 – November 9, 2022**

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