

# World Agricultural Supply and Demand Estimates

ISSN: 1554-9089

Office of the  
Chief Economist

Agricultural Marketing Service  
Farm Service Agency

Economic Research Service  
Foreign Agricultural Service

WASDE - 613

Approved by the World Agricultural Outlook Board

June 10, 2021

**WHEAT:** The outlook for 2021/22 U.S. wheat this month is for larger supplies, higher domestic use, unchanged exports, and slightly lower stocks. Supplies are raised as higher production more than offsets reduced beginning stocks. All wheat production is projected at 1,898 million bushels, up 26 million from last month on increased Hard Red Winter and Soft Red Winter production more than offsetting lower White Winter production. The all wheat yield is 50.7 bushels per acre, up 0.7 bushels from last month. Beginning stocks declined due to higher 2020/21 exports, which were raised 20 million bushels to 985 million, primarily on larger recent monthly exports. Feed and residual use is raised 10 million bushels to 180 million on the higher supplies as wheat is expected to be priced competitively with corn in the summer months. Projected 2021/22 ending stocks are lowered 4 million bushels to 770 million, down 10 percent from the revised 2020/21 ending stocks. The projected 2021/22 season-average farm price is unchanged at \$6.50 per bushel, compared to \$5.05 for 2020/21, which is also unchanged this month.

The global wheat outlook for 2021/22 is for larger supplies, higher consumption, increased trade, and higher stocks. Supplies are projected to increase 4.3 million tons to 1,087.9 million, mainly on higher production for the EU, Russia, and Ukraine as world production is projected at a record 794.4 million. The EU is raised 3.5 million tons to 137.5 million on recent beneficial precipitation across Northern and Central Europe. The largest increases are for Germany, France, and Romania. Russia's production is raised 1.0 million tons to a record 86.0 million. Winter wheat production is increased on a higher yield with widespread spring rainfall across Western Russia, while spring wheat is raised on higher area, based on Agricultural Ministry estimates. Ukraine is increased 0.5 million tons to a record 29.5 million on continued favorable weather conditions. Projected 2021/22 world consumption is raised 2.4 million tons to a record 791.1 million, primarily on higher feed and residual use by the EU and Russia on increased supplies. Projected 2021/22 global trade is raised 0.8 million tons to a record 203.2 million, on increased exports by Ukraine and India. Projected 2021/22 world ending stocks are raised 1.8 million tons to 296.8 million with China accounting for 48 percent of the total.

**COARSE GRAINS:** This month's 2021/22 U.S. corn outlook is for reduced beginning and ending stocks. Beginning stocks are down 150 million bushels reflecting projected increases for 2020/21 in corn used for ethanol and exports. Corn used for ethanol is raised 75 million bushels based on the most recent data from the *Grain Crushings and Co-Products Production* report, and weekly ethanol production and refiner and blender net inputs data during May which indicate demand is almost back to levels seen prior to COVID-19. Exports are raised 75 million bushels, based on export inspection data for the month of May that implies continued robust global demand for U.S. corn, despite high

prices. With no use changes for 2021/22, ending stocks are lowered 150 million bushels. The season-average farm price received by producers is unchanged at \$5.70 per bushel.

This month's 2021/22 foreign coarse grain outlook is for greater production, marginally higher trade, and larger ending stocks relative to last month. Barley production is raised for the EU, mostly reflecting forecast increases for Germany and France that are partly offset by a reduction for Spain. Barley production is also lowered for Turkey. Brazil corn production for 2020/21 is reduced on lower yield expectations for second-crop corn, based on below-normal rainfall in the Center-West and South during the month of May. Partly offsetting is greater indicated area for the second and third crops.

Major global trade changes for 2021/22 include larger forecast barley exports for the EU with increased imports for China. For 2020/21, Brazil's corn exports are lowered for the marketing year beginning March 2021. Foreign corn ending stocks for 2021/22 are raised relative to last month, mostly reflecting increases for Pakistan and South Africa that are partly offset by a reduction for Canada.

**RICE:** The outlook for 2021/22 U.S. rice this month is for smaller supplies, unchanged domestic use and exports, and reduced ending stocks. All of the 2021/22 changes are the result of 2020/21 trade revisions. The 2021/22 all rice beginning stocks are reduced 2.0 million cwt to 40.9 million, due to a combination of lower imports and higher exports for 2020/21. All rice 2020/21 imports are lowered 1.0 million cwt to 34.7 million on reduced volumes from Asia in recent months. All rice 2020/21 exports are raised 1.0 million cwt to 92.0 million, primarily on increased export sales and shipments to Venezuela. Both of these trade changes are for long-grain. Since there are no other 2021/22 supply changes and no changes to the use categories, 2021/22 projected ending stocks are reduced by 2.0 million cwt to 39.0 million. The 2021/22 all rice season-average farm price is unchanged at \$14.20 per cwt, compared to \$13.90 for 2020/21, which is also unchanged this month.

The 2021/22 global outlook is for larger supplies, higher consumption and trade, and increased stocks. Supplies are raised by 1.6 million tons to 682.9 million, primarily on a combination of higher beginning stocks for China and Bangladesh and increased production for India. World production is raised to a record 506.6 million tons, mainly on higher production for India, as its harvested area is expected to remain at the same level as 2020/21, which was also raised this month. World 2021/22 consumption is raised by 1.2 million tons to a record 514.5 million, mainly on India's increased supplies. Global 2021/22 trade is raised 0.5 million tons to 47.0 million, primarily on higher exports by India. Projected 2021/22 world ending stocks are raised 0.4 million tons to 168.4 million with China accounting for 65 percent of the total.

**OILSEEDS:** This month's U.S. soybean supply and use projections for 2021/22 include higher beginning and ending stocks. Higher beginning stocks reflect a lower crush forecast for 2020/21. Soybean crush for 2020/21 is reduced 15 million bushels to 2.175 billion based on a lower forecast for soybean meal domestic disappearance and higher soybean meal imports. Soybean oil exports for 2020/21 are reduced 400 million pounds to 1.9 billion as high U.S. prices reduce competitiveness in the world market. Conversely,

soybean oil domestic disappearance is increased 225 million pounds, reflecting strong consumption to date. With higher soybean beginning stocks and no use changes for 2021/22, ending stocks are projected at 155 million bushels, up 15 million from last month. The 2021/22 season-average soybean and product price forecasts are unchanged this month.

The 2021/22 global oilseed supply and demand forecasts include higher production and ending stocks compared to last month. Global oilseed production is forecast up 0.6 million tons to 632.9 million, with higher canola production partly offset by lower cottonseed. EU canola production is increased 0.6 million to 17.2 million as cool spring weather coupled with timely May rainfall boosted yield prospects particularly for France, Germany, and Poland. Australian canola production is also revised up 0.2 million tons to 3.7 million on higher area harvested and yield.

Global 2021/22 soybean ending stocks are raised 1.5 million tons to 92.6 million, driven by higher beginning stocks for the United States and Brazil. Brazil's 2020/21 soybean production is raised 1.0 million tons to 137.0 million, mainly on higher yields for Mato Grosso do Sul. Another notable oilseed change includes a 0.5-million-ton reduction to 18.5 million for Malaysian 2020/21 palm oil production due to lower-than-expected recent monthly output.

**SUGAR:** U.S. sugar supplies for 2020/21 are decreased by 50,000 short tons, raw value (STRV) on lower re-export imports. Re-export imports for 2020/21 are estimated at 250,000 STRV and are lowered on the basis of the pace to date. There are no other changes, implying that beginning stocks for 2021/22 are lower by the 50,000-STRV amount. There are no other changes to supply or use for 2021/22. With no announcement on the 2021/22 U.S. additional specialty TRQ, total TRQ imports are still at minimum levels consistent with WTO and FTA bindings. Ending stocks for 2021/22 are projected at 1.452 million for an ending stocks-to-use ratio of 11.84 percent.

Mexico sugar production for 2020/21 is estimated at 5.700 million metric tons (MT), a reduction of 125,000 due to a campaign cut short by an early onset of seasonal rains in several regional production areas. Exports other than those to the United States under the Suspension Agreement provisions are reduced by the 125,000-MT amount, leaving ending stocks unchanged at 910,417 MT. There are no changes to Mexico supply or use for 2021/22.

**LIVESTOCK, POULTRY, AND DAIRY:** The forecast for 2021 red meat and poultry production is raised from last month as higher forecast beef, broiler, and turkey production more than offsets lower pork production. The increase in beef production is small as higher expected cow slaughter is largely offset by lower steer and heifer slaughter. Pork production is lowered as higher expected slaughter is more than offset by lower carcass weights. The broiler production forecast is raised primarily on higher production in the second quarter while turkey production is raised on hatchery data and a more rapid pace of slaughter. Egg production is raised from the previous month on recent hatchery data. The 2022 red meat and poultry production forecast is little changed

from last month with only a slight increase in turkey production due to expected improvement in turkey prices.

The beef import forecast is raised for 2021 and 2022 on expected strength in demand for processing beef. Exports for both years are raised on expected firm demand from Asian markets. Pork export forecasts for 2021 and 2022 are raised from the previous month as demand in several markets has strengthened. Broiler and turkey export forecasts for 2021 are raised on recent trade data; no change is made to 2022.

For 2021, cattle, hog, and turkey price forecasts are raised, reflecting current price strength. Hog and turkey prices are also raised for the first quarter of 2022. Broiler and egg price forecasts are reduced for second quarter 2021 based on current prices; no changes are made to prices in the outlying quarters.

Milk production for 2021 is raised from last month on higher expected cow numbers. The fat basis import forecast is reduced from the previous month on lower expected imports of butterfat containing products, while the skim-solids basis import forecast is unchanged. Exports on both fat and skims-solids bases are raised from last month. Fat basis export increases are underpinned largely by higher shipments of butterfat-containing products and cheese, while skim-solids increases primarily reflect stronger expected cheese, lactose, and whey shipments. Price forecasts for butter, nonfat dry milk (NDM), and whey are raised from the previous month on recent price strength and stronger anticipated demand. The cheese price forecast is lowered from last month on relatively large stocks and current prices. The lower forecast cheese price results in a lower Class III price, but the higher NDM and butter prices support result in a higher Class IV price. The all milk price forecast is lowered to \$18.85 per cwt for 2021.

The 2022 milk production forecast is raised from last month as higher forecast cow numbers for 2021 carry into 2022. Import forecasts are unchanged. The fat basis export forecast is unchanged, but the skim-solids export forecast is increased on expected strength in whey exports. For 2022, butter, NDM, and whey price forecasts are raised from the previous month while the cheese price is unchanged. Thus, Class III and Class IV price forecasts are raised from last month. The all milk price forecast is raised to \$18.75 per cwt for 2022.

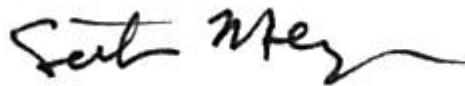
**COTTON:** The U.S. cotton projections for 2021/22 show a 100,000-bale increase in exports from last month, to 14.8 million bales, as stronger than expected late-season 2020/21 shipments extend past July 31. U.S. 2021/22 production and consumption are unchanged from last month, and with lower beginning stocks and higher exports, ending stocks are now 200,000 bales lower, at 2.9 million. The upland cotton farm price for 2021/22 is unchanged, at 75 cents per pound, while the 2020/21 price is reduced 1 cent to 67 cents per pound.

Global ending stocks in 2021/22 are also projected lower this month, down 1.7 million bales to 89.3 million. Beginning stocks are slightly lower as a 625,000-bale increase in 2020/21 consumption more than offsets higher estimated supplies. Consumption is also higher for 2021/22, up 1.1 million bales, as increases for China, Bangladesh, and Turkey

offset a lower forecast for India. Global cotton production in 2021/22 is 570,000 bales lower this month, led by a 750,000-bale reduction in China following recent surveys indicating lower than expected area in Southern Xinjiang. World trade is 1.1 million bales higher, with increased imports for China, Bangladesh, and Turkey. Expected exports are higher this month for Brazil, Australia, and Tanzania, as well as the United States.

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

APPROVED BY:

A handwritten signature in black ink that reads "Seth Meyer". The signature is written in a cursive style with a long, sweeping underline.

SETH MEYER  
SECRETARY OF AGRICULTURE DESIGNATE

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## INTERAGENCY COMMODITY ESTIMATES COMMITTEES

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*Note: The World Agricultural Outlook Board reviews and approves the World Agricultural Supply and Demand Estimates (WASDE) report. The Board's analysts chair the Interagency Commodity Estimates Committees (ICECs) that prepare the monthly report.*

**Wheat:** Mark Simone, ICEC Chair, WAOB, [mark.simone@usda.gov](mailto:mark.simone@usda.gov)  
Jennifer Bond, ERS; Graham Soley, FAS; Pete Riley, FPAC.

**Rice:** Mark Simone, ICEC Chair, WAOB, [mark.simone@usda.gov](mailto:mark.simone@usda.gov)  
Nathan Childs, ERS; Rachel Trego, FAS; Vidalina Abadam, FPAC.

**Feed Grains:** Michael Jewison, ICEC Chair, WAOB, [michael.jewison2@usda.gov](mailto:michael.jewison2@usda.gov)  
Michael McConnell, ERS; Yoonhee Macke, FAS; Sharon Raszap, FPAC.

**Oilseeds:** Keith Menzie, ICEC Chair, WAOB, [keith.menzie@usda.gov](mailto:keith.menzie@usda.gov)  
Mark Ash, ERS; Bill George, FAS; Gustavo Ferreira, FPAC.

**Cotton:** Stephen MacDonald, ICEC Chair, WAOB, [stephen.macdonald3@usda.gov](mailto:stephen.macdonald3@usda.gov)  
Leslie Meyer, ERS; James Johnson, FAS; Kent Lanclos, FPAC.

**Sugar:** Stephen Haley, ICEC Chair, WAOB, [stephen.haley2@usda.gov](mailto:stephen.haley2@usda.gov)  
Andrew Sowell, ERS; Souleymane Diaby, FAS; Barbara Fecso, FPAC.

**Meat Animals:** Shayle Shagam, ICEC Chair, WAOB, [shayle.shagam@usda.gov](mailto:shayle.shagam@usda.gov)  
Sherry Wise, AMS; Mildred Haley, ERS; Jacob Vuillemin, FAS; Georgi Gabrielyan, FPAC.

**Poultry:** Shayle Shagam, ICEC Chair, WAOB, [shayle.shagam@usda.gov](mailto:shayle.shagam@usda.gov)  
Peyton Ferrier, AMS; Grace Gossen, ERS; Claire Mezoughem, FAS; Georgi Gabrielyan, FPAC.

**Dairy:** Shayle Shagam, ICEC Chair, WAOB, [shayle.shagam@usda.gov](mailto:shayle.shagam@usda.gov)  
Carolyn Liebrand, AMS; Jerry Cessna, ERS; Paul Kiendl, FAS; Georgi Gabrielyan, FPAC.

**In 2021, the WASDE report will be released on Jul 12, Aug 12, Sep 10, Oct 12, Nov 9, and Dec 9.**

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

<b>World</b>		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2019/20	2675.39	3488.00	449.18	2674.96	813.04
	2020/21 (Est.)	2714.58	3527.62	479.60	2745.99	781.63
	2021/22 (Proj.)	2790.36	3575.23	494.62	2791.38	783.85
	May Jun	2797.65	3579.29	496.57	2795.87	783.42
Wheat	2019/20	763.49	1047.55	194.88	748.33	299.22
	2020/21 (Est.)	775.82	1075.04	199.10	781.55	293.48
	2021/22 (Proj.)	788.98	1083.65	202.42	788.68	294.96
	May Jun	794.44	1087.92	203.22	791.12	296.80
Coarse Grains 5/	2019/20	1414.13	1766.07	210.93	1430.14	335.94
	2020/21 (Est.)	1433.77	1769.71	233.37	1457.89	311.82
	2021/22 (Proj.)	1495.94	1810.22	245.73	1489.35	320.87
	May Jun	1496.60	1808.42	246.38	1490.21	318.21
Rice, milled	2019/20	497.78	674.38	43.38	496.49	177.88
	2020/21 (Est.)	504.99	682.88	47.13	506.55	176.33
	2021/22 (Proj.)	505.45	681.37	46.47	513.35	168.02
	May Jun	506.62	682.94	46.97	514.54	168.41
<b>United States</b>						
Total Grains 4/	2019/20	417.89	516.32	79.77	355.83	80.73
	2020/21 (Est.)	431.48	518.74	110.20	353.19	55.36
	2021/22 (Proj.)	453.58	520.70	98.71	358.64	63.35
	May Jun	454.30	516.96	98.71	358.91	59.34
Wheat	2019/20	52.58	84.83	26.28	30.56	27.99
	2020/21 (Est.)	49.69	80.53	26.81	30.55	23.18
	2021/22 (Proj.)	50.95	78.07	24.49	32.52	21.05
	May Jun	51.66	78.24	24.49	32.80	20.95
Coarse Grains 5/	2019/20	359.43	423.01	50.51	320.68	51.83
	2020/21 (Est.)	374.57	428.97	80.47	317.62	30.88
	2021/22 (Proj.)	396.17	433.58	71.42	321.16	41.00
	May Jun	396.17	429.73	71.42	321.16	37.15
Rice, milled	2019/20	5.88	8.49	2.99	4.59	0.91
	2020/21 (Est.)	7.23	9.24	2.92	5.02	1.30
	2021/22 (Proj.)	6.46	9.05	2.79	4.95	1.30
	May Jun	6.46	8.99	2.79	4.95	1.24

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 - 613 - 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/	2019/20	2,257.50	2,971.68	369.41	2,319.13	732.31
	2020/21 (Est.)	2,283.10	3,008.87	369.40	2,392.80	726.28
	2021/22 (Proj.)	2,336.78	3,054.53	395.92	2,432.74	720.50
	May Jun	2,343.36	3,062.33	397.87	2,436.96	724.08
Wheat	2019/20	710.90	962.73	168.60	717.77	271.24
	2020/21 (Est.)	726.12	994.50	172.30	751.00	270.31
	2021/22 (Proj.)	738.03	1,005.57	177.93	756.16	273.91
	May Jun	742.78	1,009.68	178.73	758.33	275.85
Coarse Grains 5/	2019/20	1,054.69	1,343.06	160.42	1,109.46	284.11
	2020/21 (Est.)	1,059.21	1,340.73	152.90	1,140.26	280.94
	2021/22 (Proj.)	1,099.77	1,376.64	174.31	1,168.19	279.87
	May Jun	1,100.43	1,378.69	174.96	1,169.05	281.06
Rice, milled	2019/20	491.91	665.89	40.39	491.91	176.97
	2020/21 (Est.)	497.77	673.64	44.21	501.53	175.03
	2021/22 (Proj.)	498.98	672.32	43.68	508.39	166.72
	May Jun	500.15	673.96	44.18	509.58	167.17

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	2019/20	121.42	201.44	41.45	102.85	97.92
	2020/21 (Est.)	113.26	211.17	47.41	118.03	93.05
	2021/22 (Proj.)	119.44	212.60	45.51	121.48	90.99
	May Jun	118.87	211.92	46.59	122.54	89.30
United States	2019/20	19.91	24.77	15.53	2.15	7.25
	2020/21 (Est.)	14.61	21.86	16.40	2.30	3.15
	2021/22 (Proj.)	17.00	20.30	14.70	2.50	3.10
	May Jun	17.00	20.15	14.80	2.50	2.90
Foreign 4/	2019/20	101.50	176.67	25.92	100.70	90.67
	2020/21 (Est.)	98.65	189.31	31.01	115.73	89.90
	2021/22 (Proj.)	102.44	192.30	30.81	118.98	87.89
	May Jun	101.87	191.77	31.79	120.04	86.40

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 - 613 - 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	2019/20		580.70	714.70	190.73	507.96	113.02
	2020/21 (Est.)		600.51	713.53	197.85	514.34	101.54
	2021/22 (Proj.)	May	632.23	732.44	199.41	531.42	104.64
		Jun	632.86	734.40	199.48	531.87	106.30
Oilmeals	2019/20		345.89	363.41	95.51	341.77	15.84
	2020/21 (Est.)		353.48	369.32	95.36	349.16	14.91
	2021/22 (Proj.)	May	364.24	379.09	97.82	358.49	15.29
		Jun	364.50	379.40	98.20	358.17	15.33
Vegetable Oils	2019/20		207.09	231.53	86.77	202.92	25.05
	2020/21 (Est.)		207.67	232.71	86.96	207.13	22.75
	2021/22 (Proj.)	May	215.99	239.00	90.60	213.18	22.35
		Jun	216.17	238.91	90.90	213.01	22.32
<b>United States</b>							
Oilseeds	2019/20		106.98	134.74	47.04	63.04	15.96
	2020/21 (Est.)		122.35	139.94	63.21	63.68	5.25
	2021/22 (Proj.)	May	130.29	136.89	57.70	65.11	5.36
		Jun	130.29	137.33	57.70	65.11	5.80
Oilmeals	2019/20		48.76	53.31	13.05	39.87	0.39
	2020/21 (Est.)		49.29	53.88	13.17	40.27	0.44
	2021/22 (Proj.)	May	50.19	54.57	13.22	40.87	0.48
		Jun	50.19	54.57	13.22	40.87	0.48
Vegetable Oils	2019/20		12.64	18.72	1.51	16.01	1.21
	2020/21 (Est.)		12.96	18.85	1.09	16.55	1.20
	2021/22 (Proj.)	May	13.22	19.41	0.85	17.49	1.06
		Jun	13.22	19.40	0.85	17.49	1.06
<b>Foreign 3/</b>							
Oilseeds	2019/20		473.72	579.96	143.69	444.92	97.06
	2020/21 (Est.)		478.15	573.59	134.64	450.66	96.29
	2021/22 (Proj.)	May	501.94	595.55	141.70	466.31	99.28
		Jun	502.57	597.06	141.77	466.76	100.50
Oilmeals	2019/20		297.13	310.10	82.46	301.90	15.46
	2020/21 (Est.)		304.18	315.44	82.19	308.89	14.47
	2021/22 (Proj.)	May	314.05	324.52	84.59	317.62	14.81
		Jun	314.30	324.83	84.98	317.30	14.85
Vegetable Oils	2019/20		194.45	212.81	85.27	186.92	23.84
	2020/21 (Est.)		194.71	213.87	85.87	190.57	21.54
	2021/22 (Proj.)	May	202.77	219.59	89.75	195.69	21.29
		Jun	202.95	219.51	90.05	195.52	21.26

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

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U.S. Wheat Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj. May	2021/22 Proj. Jun
			<i>Million Acres</i>	
Area Planted	45.5	44.3	46.4 *	46.4 *
Area Harvested	37.4	36.7	37.4 *	37.4 *
			<i>Bushels</i>	
Yield per Harvested Acre	51.7	49.7	50.0 *	50.7 *
			<i>Million Bushels</i>	
Beginning Stocks	1,080	1,028	872	852
Production	1,932	1,826	1,872	1,898
Imports	105	105	125	125
Supply, Total	3,117	2,959	2,869	2,875
Food	962	960	963	963
Seed	60	63	62	62
Feed and Residual	101	100	170	180
Domestic, Total	1,123	1,123	1,195	1,205
Exports	965	985	900	900
Use, Total	2,089	2,108	2,095	2,105
Ending Stocks	1,028	852	774	770
Avg. Farm Price (\$/bu) 2/	4.58	5.05	6.50	6.50

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
				<i>Million Bushels</i>			
2020/21 (Est.)	Beginning Stocks	506	280	105	95	42	1,028
	Production	659	530	266	302	69	1,826
	Supply, Total 3/	1,169	859	377	404	150	2,959
	Domestic Use	410	319	211	91	94	1,123
	Exports	340	280	70	265	30	985
	Use, Total	750	599	281	356	124	2,108
	Ending Stocks, Total Jun	419	261	97	48	26	852
	Ending Stocks, Total May	423	267	102	53	26	872

Note: Totals may not add due to rounding. 1/ Marketing year beginning June 1. 2/ Marketing-year weighted average price received by farmers. 3/ Includes imports. \* Planted acres reported in the March 31, 2021, "Prospective Plantings."

Harvested acres and yield for other spring wheat and Durum are projected using 10-year harvested-to-planted ratios by state and 1985-2020 yield trends by state (except for Arizona and California Durum). For May, winter wheat harvested acres and yield reported in the May 12, 2021, "Crop Production." For June, winter wheat harvested acres and yield reported in the June 10, 2021, "Crop Production."

\*\*\*\*\*  
Wheat-by-class projections for 2021/22 will first be published in the July 12, 2021, WASDE.  
\*\*\*\*\*

## WASDE - 613 - 12

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

	2019/20	2020/21 Est.	2021/22 Proj. May	2021/22 Proj. Jun
<b>FEED GRAINS</b>				
		<i>Million Acres</i>		
Area Planted	100.6	102.3	103.2 *	103.2 *
Area Harvested	89.1	90.7	92.6 *	92.6 *
		<i>Metric Tons</i>		
Yield per Harvested Acre	4.03	4.13	4.28	4.28
		<i>Million Metric Tons</i>		
Beginning Stocks	60.5	51.8	34.7	30.9
Production	359.2	374.3	395.9	395.9
Imports	2.8	2.3	2.4	2.4
Supply, Total	422.4	428.4	433.0	429.2
Feed and Residual	154.3	148.3	148.1	148.1
Food, Seed & Industrial	165.9	168.8	172.5	172.5
Domestic, Total	320.1	317.1	320.6	320.6
Exports	50.5	80.5	71.4	71.4
Use, Total	370.6	397.5	392.0	392.0
Ending Stocks	51.8	30.9	41.0	37.1
<b>CORN</b>				
		<i>Million Acres</i>		
Area Planted	89.7	90.8	91.1 *	91.1 *
Area Harvested	81.3	82.5	83.5 *	83.5 *
		<i>Bushels</i>		
Yield per Harvested Acre	167.5	172.0	179.5 *	179.5 *
		<i>Million Bushels</i>		
Beginning Stocks	2,221	1,919	1,257	1,107
Production	13,620	14,182	14,990	14,990
Imports	42	25	25	25
Supply, Total	15,883	16,127	16,272	16,122
Feed and Residual	5,897	5,700	5,700	5,700
Food, Seed & Industrial 2/	6,287	6,470	6,615	6,615
Ethanol & by-products 3/	4,857	5,050	5,200	5,200
Domestic, Total	12,185	12,170	12,315	12,315
Exports	1,778	2,850	2,450	2,450
Use, Total	13,963	15,020	14,765	14,765
Ending Stocks	1,919	1,107	1,507	1,357
Avg. Farm Price (\$/bu) 4/	3.56	4.35	5.70	5.70

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at [www.ers.usda.gov/data-products/feed-grains-database.aspx](http://www.ers.usda.gov/data-products/feed-grains-database.aspx). 3/ Corn processed in ethanol plants to produce ethanol and by-products including distillers' grains, corn gluten feed, corn gluten meal, and corn oil. 4/ Marketing-year weighted average price received by farmers. \* Planted acres reported in the March 31, 2021, "Prospective Plantings." For corn, harvested acres projected based on historical abandonment and use for silage. The yield projection is based on a weather-adjusted trend assuming normal mid-May planting progress and summer growing season weather, estimated using the 1988-2020 time period, and includes a downward stochastic adjustment to account for the asymmetric response of yield to July precipitation.

## WASDE - 613 - 13

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

SORGHUM	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			May	Jun
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.3	5.9	6.9 *	6.9 *
Area Harvested (mil. acres)	4.7	5.1	6.2 *	6.2 *
Yield (bushels/acre)	73.0	73.2	68.9 *	68.9 *
Beginning Stocks	64	30	18	18
Production	341	373	427	427
Imports	0	0	0	0
Supply, Total	405	403	445	445
Feed and Residual	96	70	65	65
Food, Seed & Industrial	75	10	10	10
Total Domestic	171	80	75	75
Exports	204	305	350	350
Use, Total	375	385	425	425
Ending Stocks	30	18	20	20
Avg. Farm Price (\$/bu) 2/	3.34	5.15	6.10	6.10
<b>BARLEY</b>				
Area Planted (mil. acres)	2.8	2.6	2.6 *	2.6 *
Area Harvested (mil. acres)	2.2	2.1	2.1 *	2.1 *
Yield (bushels/acre)	77.7	77.5	76.7 *	76.7 *
Beginning Stocks	87	80	80	79
Production	172	165	161	161
Imports	7	7	7	7
Supply, Total	266	253	248	247
Feed and Residual	39	20	15	15
Food, Seed & Industrial	142	141	141	141
Total Domestic	180	161	156	156
Exports	6	13	12	12
Use, Total	186	174	168	168
Ending Stocks	80	79	80	79
Avg. Farm Price (\$/bu) 2/	4.69	4.75	5.95	5.95
<b>OATS</b>				
Area Planted (mil. acres)	2.8	3.0	2.5 *	2.5 *
Area Harvested (mil. acres)	0.8	1.0	0.8 *	0.8 *
Yield (bushels/acre)	64.3	65.1	66.3 *	66.3 *
Beginning Stocks	38	37	40	39
Production	53	65	53	53
Imports	92	89	95	95
Supply, Total	183	191	188	187
Feed and Residual	63	70	75	75
Food, Seed & Industrial	81	79	80	80
Total Domestic	144	149	155	155
Exports	2	3	2	2
Use, Total	146	152	157	157
Ending Stocks	37	39	31	30
Avg. Farm Price (\$/bu) 2/	2.82	2.75	3.60	3.60

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers. \* Planted acres reported in the March 31, 2021, "Prospective Plantings." Harvested area for sorghum, barley and oats based on historical average harvested-to-planted ratios. For sorghum the projected yield is the median yield for 2001-2020. For barley and oats, projected yields are based on the 1991-2020 linear trends. Yields shown reflect production rounding.

## WASDE - 613 - 14

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

TOTAL RICE	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			May	Jun
		<i>Million Acres</i>		
Area Planted	2.55	3.04	2.71 *	2.71 *
Area Harvested	2.48	2.99	2.66 *	2.66 *
		<i>Pounds</i>		
Yield per Harvested Acre	7,473	7,619	7,651 *	7,651 *
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	44.9	28.7	42.9	40.9
Production	185.1	227.6	203.6	203.6
Imports	37.3	34.7	38.5	38.5
Supply, Total	267.3	290.9	285.0	283.0
Domestic & Residual 3/	144.4	158.0	156.0	156.0
Exports, Total 4/	94.2	92.0	88.0	88.0
Rough	31.2	35.0	33.0	33.0
Milled (rough equiv.)	62.9	57.0	55.0	55.0
Use, Total	238.6	250.0	244.0	244.0
Ending Stocks	28.7	40.9	41.0	39.0
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	13.60	13.90	14.20	14.20

**LONG-GRAIN RICE**

Harvested Acres (mil.)	1.73	2.30		
Yield (pounds/acre)	7,261	7,422		
Beginning Stocks	32.6	16.9	30.8	28.8
Imports	29.8	28.0	31.0	31.0
Production	125.6	170.9	152.3	152.3
Supply, Total 7/	188.0	215.8	214.1	212.1
Domestic & Residual 3/	106.4	123.0	121.0	121.0
Exports 8/	64.6	64.0	61.0	61.0
Use, Total	171.1	187.0	182.0	182.0
Ending Stocks	16.9	28.8	32.1	30.1
Avg. Farm Price (\$/cwt) 6/	12.00	12.60	12.80	12.80

**MEDIUM & SHORT-GRAIN RICE**

Harvested Acres (mil.)	0.75	0.69		
Yield (pounds/acre)	7,964	8,282		
Beginning Stocks	10.2	10.7	11.1	11.1
Imports	7.6	6.7	7.5	7.5
Production	59.5	56.7	51.3	51.3
Supply, Total 7/	78.3	74.1	69.9	69.9
Domestic & Residual 3/	38.0	35.0	35.0	35.0
Exports 8/	29.6	28.0	27.0	27.0
Use, Total	67.6	63.0	62.0	62.0
Ending Stocks	10.7	11.1	7.9	7.9
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.20	17.60	18.50	18.50
California 10/	21.60	19.70	21.00	21.00
Other States 1/	11.60	13.00	13.20	13.20

Note: Totals may not add due to rounding. 1/ Marketing year beginning August 1. 2/ Includes the following quantities of broken kernel rice (type undetermined) not included in estimates of ending stocks by type (in mil. cwt): 2017/18-1.4; 2018/19-2.1; 2019/20-1.0. 3/ Residual includes unreported use, processing losses, and estimating errors. Use by type may not add to total rice use because of the difference in brokens between beginning and ending stocks. 4/ Includes rough rice and milled rice exports. Milled rice exports are converted to an equivalent rough basis. 5/ Expressed as a percent, i.e., the total quantity of whole kernel and broken rice produced divided by the quantity of rough rice milled. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The California medium/short-grain season-average-farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ. 10/ Marketing year beginning October 1. \* Planted acres reported in March 31, 2021, "Prospective Plantings." Harvested acres are estimated using long run harvested-to-planted ratios by rice class. Projected yield is based on by class trend analysis.

## WASDE - 613 - 15

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

SOYBEANS	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			May	Jun
			<i>Million Acres</i>	
Area Planted	76.1	83.1	87.6 *	87.6 *
Area Harvested	74.9	82.3	86.7 *	86.7 *
			<i>Bushels</i>	
Yield per Harvested Acre	47.4	50.2	50.8 *	50.8 *
			<i>Million Bushels</i>	
Beginning Stocks	909	525	120	135
Production	3,552	4,135	4,405	4,405
Imports	15	35	35	35
Supply, Total	4,476	4,695	4,560	4,575
Crushings	2,165	2,175	2,225	2,225
Exports	1,682	2,280	2,075	2,075
Seed	96	102	104	104
Residual	9	4	15	15
Use, Total	3,952	4,560	4,420	4,420
Ending Stocks	525	135	140	155
Avg. Farm Price (\$/bu) 2/	8.57	11.25	13.85	13.85
<b>SOYBEAN OIL</b>				
			<i>Million Pounds</i>	
Beginning Stocks	1,775	1,853	1,818	1,808
Production 4/	24,911	25,380	25,945	25,945
Imports	319	300	600	600
Supply, Total	27,006	27,533	28,363	28,353
Domestic Disappearance	22,314	23,825	25,400	25,400
Biofuel 3/	8,658	9,500	12,000	12,000
Food, Feed & other Industrial	13,656	14,325	13,400	13,400
Exports	2,839	1,900	1,450	1,450
Use, Total	25,153	25,725	26,850	26,850
Ending stocks	1,853	1,808	1,513	1,503
Avg. Price (c/lb) 2/	29.65	59.00	65.00	65.00
<b>SOYBEAN MEAL</b>				
			<i>Thousand Short Tons</i>	
Beginning Stocks	402	341	400	400
Production 4/	51,100	51,559	52,500	52,500
Imports	639	700	450	450
Supply, Total	52,142	52,600	53,350	53,350
Domestic Disappearance	37,723	37,950	38,600	38,600
Exports	14,077	14,250	14,300	14,300
Use, Total	51,800	52,200	52,900	52,900
Ending Stocks	341	400	450	450
Avg. Price (\$/s.t.) 2/	299.50	405.00	400.00	400.00

Note: Totals may not add due to rounding. Reliability calculations at end of report. 1/ Marketing year beginning September 1 for soybeans; October 1 for soybean oil and soybean meal. 2/ Prices: soybeans, marketing year weighted average price received by farmers; oil, simple average of crude soybean oil, Decatur; meal, simple average of 48 percent protein, Decatur. 3/ Reflects soybean oil used for biofuels as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 2,175 million bushels for 2020/21 and 2,225 million bushels for 2021/22. \*Planted acres are reported in the March 31, 2021 Prospective Plantings report. Harvested acres are based historical planted-to-harvested ratios. The projected yield is based on a weather-adjusted trend model and assumes normal weather.

## WASDE - 613 - 16

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

	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			May	Jun
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,783	1,618	1,805	1,755
Production 2/	8,149	9,299	9,310	9,310
Beet Sugar	4,351	5,118	5,225	5,225
Cane Sugar	3,798	4,181	4,085	4,085
Florida	2,106	2,100	2,100	2,100
Louisiana	1,566	1,949	1,850	1,850
Texas	126	132	135	135
Imports	4,235	3,104	2,652	2,652
TRQ 3/	2,152	1,673	1,387	1,387
Other Program 4/	432	250	250	250
Other 5/	1,651	1,181	1,015	1,015
Mexico	1,376	981	965	965
Total Supply	14,166	14,020	13,767	13,717
Exports	61	35	35	35
Deliveries	12,414	12,230	12,230	12,230
Food	12,316	12,125	12,125	12,125
Other 6/	98	105	105	105
Miscellaneous	74	0	0	0
Total Use	12,549	12,265	12,265	12,265
Ending Stocks	1,618	1,755	1,502	1,452
Stocks to Use Ratio	12.9	14.3	12.2	11.8

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2020/21 and 2021/22 are based on Crop Production and/or processor projections/industry data and/or sugar ICEC analysis where appropriate. 3/ For 2020/21, WTO raw sugar TRQ shortfall (147) and for 2021/22 (99). 4/ Composed of sugar under the re-export and polyhydric alcohol programs. 5/ Imports from Mexico; and high-tier tariff sugar and syrups not otherwise specified -- for 2020/21 (200) and 2021/22 (50). 6/ 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: 2019/20 -- 298; estimated 2020/21 -- 347; projected 2021/22 -- 358.

## 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>					
2020/21 Est.	May	858	5,825	105	4,378	1,499	910
	Jun	858	5,700	105	4,378	1,374	910
2021/22 Proj.	May	910	5,809	85	4,370	1,524	910
	Jun	910	5,809	85	4,370	1,524	910

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2019/20 = 1,388; Estimated 2020/21 = 1,325; Projected 2021/22 = 1,300. Estimated Oct-Apr 2020/21 = 764; Estimated Oct-Apr 2019/20 = 795. 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: 2020/21 (415 est = 350 dom.+65 import); 2021/22 (415 proj = 350 dom.+65 import). Statistical Adjustments: 2020/21 (0), 2021/22 (0).



## WASDE - 613 - 17

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

	2019/20	2020/21 Est.	2021/22 Proj.	2021/22 Proj.
			May	Jun
Area				
			<i>Million Acres</i>	
Planted	13.74	12.09	12.04 *	12.04 *
Harvested	11.50	8.28	9.63 *	9.63 *
			<i>Pounds</i>	
Yield per Harvested Acre	831	847	847 *	847 *
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	4.85	7.25	3.30	3.15
Production	19.91	14.61	17.00	17.00
Imports	0.00	0.00	0.00	0.00
Supply, Total	24.77	21.86	20.30	20.15
Domestic Use	2.15	2.30	2.50	2.50
Exports, Total	15.53	16.40	14.70	14.80
Use, Total	17.68	18.70	17.20	17.30
Unaccounted 2/	-0.16	0.01	0.00	-0.05
Ending Stocks	7.25	3.15	3.10	2.90
Avg. Farm Price 3/	59.6	67.0	75.0	75.0

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton. \*Planted area as reported in March 31, 2021 Prospective Plantings. Harvested area based on 10-year average abandonment by region, with the Southwest adjusted to reflect unfavorable moisture conditions. Yield based on 5-year average yields by region.

## WASDE - 613 - 18

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

2019/20	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	284.07	763.49	187.86	139.27	748.33	194.88	299.22
World Less China	144.30	629.90	182.49	120.27	622.33	193.83	147.54
United States	29.39	52.58	2.86	2.75	30.56	26.28	27.99
Total Foreign	254.68	710.90	185.01	136.52	717.77	168.60	271.24
Major Exporters 4/	37.35	308.45	7.55	73.41	180.21	142.53	30.61
Argentina	1.74	19.78	0.01	0.05	6.30	13.50	1.72
Australia	4.44	14.48	0.89	4.50	8.00	9.14	2.68
Canada	6.04	32.67	0.68	4.16	9.26	24.63	5.50
European Union 5/	15.80	138.74	5.55	45.50	108.35	39.77	11.97
Russia	7.78	73.61	0.33	17.00	40.00	34.49	7.23
Ukraine	1.56	29.17	0.09	2.20	8.30	21.01	1.51
Major Importers 6/	181.64	202.53	122.17	36.79	297.49	13.20	195.64
Bangladesh	1.26	1.20	6.80	0.30	7.40	0.00	1.86
Brazil	1.06	5.20	7.20	0.50	12.10	0.42	0.94
China	139.77	133.59	5.38	19.00	126.00	1.05	151.68
Japan	1.08	1.10	5.68	0.65	6.37	0.29	1.20
N. Africa 7/	15.54	18.40	27.74	1.85	46.25	1.07	14.36
Nigeria	0.20	0.06	5.34	0.05	4.90	0.40	0.30
Sel. Mideast 8/	12.06	22.20	17.71	3.60	38.47	0.78	12.71
Southeast Asia 9/	5.90	0.00	26.45	7.64	25.05	1.13	6.16
Selected Other							
India	16.99	103.60	0.02	6.00	95.40	0.51	24.70
Kazakhstan	1.68	11.45	0.58	1.30	6.10	6.99	0.63
United Kingdom	1.91	15.60	1.74	7.84	14.99	1.62	2.64
<b>2020/21 Est.</b>							
World 3/	299.22	775.82	192.79	158.38	781.55	199.10	293.48
World Less China	147.54	641.57	182.29	118.38	631.55	198.30	147.85
United States	27.99	49.69	2.86	2.72	30.55	26.81	23.18
Total Foreign	271.24	726.12	189.93	155.66	751.00	172.30	270.31
Major Exporters 4/	30.61	322.53	6.93	73.25	180.20	145.50	34.37
Argentina	1.72	17.63	0.01	0.05	6.35	10.50	2.51
Australia	2.68	33.00	0.20	5.00	8.50	22.00	5.38
Canada	5.50	35.18	0.55	4.70	9.90	27.50	3.83
European Union 5/	11.97	125.94	5.60	42.00	104.35	30.00	9.17
Russia	7.23	85.35	0.45	19.00	42.50	38.50	12.03
Ukraine	1.51	25.42	0.13	2.50	8.60	17.00	1.45
Major Importers 6/	195.64	202.74	124.30	57.36	323.46	12.72	186.51
Bangladesh	1.86	1.18	6.70	0.35	7.75	0.00	1.99
Brazil	0.94	6.25	6.60	0.50	12.20	0.95	0.64
China	151.68	134.25	10.50	40.00	150.00	0.80	145.63
Japan	1.20	0.99	5.60	0.70	6.40	0.29	1.10
N. Africa 7/	14.36	16.60	29.00	1.75	46.95	1.00	12.01
Nigeria	0.30	0.06	5.50	0.05	4.95	0.50	0.40
Sel. Mideast 8/	12.71	22.18	18.00	3.59	39.31	0.52	13.06
Southeast Asia 9/	6.16	0.00	24.80	7.02	24.55	1.13	5.29
Selected Other							
India	24.70	107.86	0.03	6.50	103.09	2.40	27.10
Kazakhstan	0.63	14.26	0.50	1.40	6.30	7.50	1.59
United Kingdom	2.64	9.66	2.80	6.10	13.25	0.35	1.50

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 - 613 - 19

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

<b>2021/22 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	May	294.67	788.98	199.04	158.68	788.68	202.42	294.96
	Jun	293.48	794.44	199.46	160.73	791.12	203.22	296.80
World Less China	May	149.24	652.98	189.04	123.68	640.68	201.42	152.53
	Jun	147.85	658.44	189.46	125.73	643.12	202.22	154.17
United States	May	23.72	50.95	3.40	4.63	32.52	24.49	21.05
	Jun	23.18	51.66	3.40	4.90	32.80	24.49	20.95
Total Foreign	May	270.95	738.03	195.63	154.06	756.16	177.93	273.91
	Jun	270.31	742.78	196.06	155.83	758.33	178.73	275.85
Major Exporters 4/	May	34.64	327.50	7.50	74.55	181.65	150.00	37.99
	Jun	34.37	332.50	7.30	76.05	183.15	150.50	40.52
Argentina	May	2.51	20.50	0.00	0.05	6.45	13.50	3.06
	Jun	2.51	20.50	0.00	0.05	6.45	13.50	3.06
Australia	May	5.60	27.00	0.20	4.50	8.00	20.00	4.80
	Jun	5.38	27.00	0.20	4.50	8.00	20.00	4.58
Canada	May	3.83	32.00	0.70	4.00	9.20	23.50	3.83
	Jun	3.83	32.00	0.70	4.00	9.20	23.50	3.83
European Union 5/	May	9.17	134.00	6.00	44.00	106.50	33.00	9.67
	Jun	9.17	137.50	5.80	45.00	107.50	33.00	11.97
Russia	May	12.08	85.00	0.50	19.00	42.50	40.00	15.08
	Jun	12.03	86.00	0.50	19.50	43.00	40.00	15.53
Ukraine	May	1.45	29.00	0.10	3.00	9.00	20.00	1.55
	Jun	1.45	29.50	0.10	3.00	9.00	20.50	1.55
Major Importers 6/	May	186.47	206.76	128.41	52.67	323.71	13.10	184.83
	Jun	186.51	206.36	129.11	52.97	324.06	13.10	184.82
Bangladesh	May	1.94	1.13	6.80	0.30	7.90	0.00	1.97
	Jun	1.99	1.13	7.00	0.40	8.10	0.00	2.02
Brazil	May	0.64	6.80	6.80	0.50	12.30	1.00	0.94
	Jun	0.64	6.80	7.00	0.70	12.50	1.00	0.94
China	May	145.43	136.00	10.00	35.00	148.00	1.00	142.43
	Jun	145.63	136.00	10.00	35.00	148.00	1.00	142.63
Japan	May	1.10	0.96	5.80	0.70	6.40	0.30	1.16
	Jun	1.10	0.96	5.80	0.70	6.40	0.30	1.16
N. Africa 7/	May	12.22	21.00	29.10	1.75	47.55	1.01	13.77
	Jun	12.01	20.85	29.15	1.75	47.50	1.01	13.51
Nigeria	May	0.40	0.06	5.20	0.05	4.85	0.40	0.41
	Jun	0.40	0.06	5.20	0.05	4.85	0.40	0.41
Sel. Mideast 8/	May	13.06	20.49	19.41	3.67	39.61	0.74	12.61
	Jun	13.06	20.49	19.41	3.67	39.61	0.74	12.61
Southeast Asia 9/	May	5.29	0.00	26.30	7.00	24.95	1.11	5.53
	Jun	5.29	0.00	26.30	7.00	24.95	1.11	5.53
Selected Other								
India	May	27.20	108.00	0.03	7.00	105.00	2.20	28.03
	Jun	27.10	108.00	0.03	7.00	105.00	2.50	27.63
Kazakhstan	May	1.59	14.00	0.50	1.50	6.40	8.00	1.69
	Jun	1.59	14.00	0.50	1.50	6.40	8.00	1.69
United Kingdom	May	1.50	14.10	2.40	7.70	15.90	0.55	1.55
	Jun	1.50	14.10	2.40	7.70	15.90	0.55	1.55

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 - 613 - 20

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

<b>2019/20</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	351.94	1,414.13	204.91	882.69	1,430.14	210.93	335.94
World Less China	141.55	1,145.92	187.41	681.87	1,135.07	210.89	134.95
United States	60.47	359.43	3.11	154.45	320.68	50.51	51.83
Total Foreign	291.47	1,054.69	201.80	728.24	1,109.46	160.42	284.11
Major Exporters 4/	19.62	307.80	4.58	134.27	179.18	128.59	24.23
Argentina	3.62	58.13	0.02	12.12	17.78	39.32	4.68
Australia	2.43	11.84	0.01	5.55	7.52	3.87	2.89
Brazil	5.67	105.82	2.31	61.71	72.84	35.23	5.72
Canada	3.29	28.61	1.92	17.23	24.93	4.91	3.98
Russia	1.22	40.50	0.18	22.29	31.39	8.63	1.87
Ukraine	2.04	46.55	0.03	8.89	11.89	34.08	2.65
Major Importers 5/	37.34	248.22	142.37	292.89	374.97	16.03	36.93
European Union 6/	14.51	152.73	19.42	119.65	158.63	13.65	14.38
Japan	1.75	0.23	17.63	13.91	17.87	0.00	1.74
Mexico	5.78	32.10	17.60	30.83	50.31	1.03	4.14
N. Afr & Mideast 7/	7.39	33.22	41.65	64.93	73.40	0.74	8.12
Saudi Arabia	1.70	0.20	11.22	11.05	11.40	0.00	1.72
Southeast Asia 8/	3.38	29.40	18.20	38.50	46.55	0.61	3.82
South Korea	1.86	0.28	11.98	9.55	12.09	0.00	2.02
Selected Other							
China	210.40	268.20	17.50	200.82	295.07	0.04	200.98
<b>2020/21 Est.</b>							
World 3/	335.94	1,433.77	228.57	906.88	1,457.89	233.37	311.82
World Less China	134.95	1,165.73	184.92	685.68	1,144.31	233.30	112.79
United States	51.83	374.57	2.58	148.46	317.62	80.47	30.88
Total Foreign	284.11	1,059.21	225.99	758.43	1,140.26	152.90	280.94
Major Exporters 4/	24.23	302.88	6.26	138.43	183.99	124.63	24.75
Argentina	4.68	55.49	0.01	13.01	18.78	38.01	3.39
Australia	2.89	16.46	0.00	6.61	8.68	6.90	3.77
Brazil	5.72	102.46	4.20	62.52	73.66	33.03	5.71
Canada	3.98	29.64	1.91	16.59	24.07	7.46	4.01
Russia	1.87	41.40	0.07	22.67	32.24	8.65	2.45
Ukraine	2.65	39.59	0.03	9.95	13.11	27.38	1.77
Major Importers 5/	36.93	249.68	136.41	292.44	374.40	13.38	35.24
European Union 6/	14.38	153.13	13.50	117.65	156.65	10.90	13.46
Japan	1.74	0.23	16.97	13.37	17.25	0.00	1.69
Mexico	4.14	31.86	17.04	29.66	49.05	0.93	3.06
N. Afr & Mideast 7/	8.12	33.57	39.65	64.59	72.91	0.69	7.75
Saudi Arabia	1.72	0.19	11.21	11.15	11.51	0.00	1.62
Southeast Asia 8/	3.82	30.40	21.95	42.35	50.60	0.86	4.71
South Korea	2.02	0.22	11.61	9.15	11.66	0.00	2.19
Selected Other							
China	200.98	268.05	43.65	221.20	313.58	0.07	199.03

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 - 613 - 21

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

<b>2021/22 Proj.</b>		<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Domestic Feed</b>	<b>Domestic Total 2/</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 3/	May	314.28	1,495.94	236.47	925.66	1,489.35	245.73	320.87
	Jun	311.82	1,496.60	237.04	926.30	1,490.21	246.38	318.21
World Less China	May	115.25	1,220.51	190.17	696.61	1,167.50	245.68	122.02
	Jun	112.79	1,221.17	190.14	696.85	1,167.96	246.33	119.16
United States	May	34.73	396.17	2.68	148.30	321.16	71.42	41.00
	Jun	30.88	396.17	2.68	148.30	321.16	71.42	37.15
Total Foreign	May	279.56	1,099.77	233.79	777.36	1,168.19	174.31	279.87
	Jun	280.94	1,100.43	234.36	778.00	1,169.05	174.96	281.06
Major Exporters 4/	May	23.96	334.24	4.66	141.78	188.79	146.52	27.56
	Jun	24.75	334.34	4.66	142.48	189.48	146.62	27.65
Argentina	May	3.39	60.78	0.01	13.08	18.85	41.51	3.82
	Jun	3.39	60.78	0.01	13.08	18.85	41.51	3.82
Australia	May	3.14	13.45	0.00	6.06	8.12	5.88	2.59
	Jun	3.77	13.45	0.00	6.76	8.82	5.88	2.53
Brazil	May	5.71	122.02	2.40	65.59	77.73	43.03	9.38
	Jun	5.71	122.02	2.40	65.59	77.73	43.03	9.38
Canada	May	4.31	30.87	2.11	17.86	25.36	7.80	4.13
	Jun	4.01	30.87	2.11	17.86	25.36	7.80	3.83
Russia	May	2.45	41.55	0.08	22.95	32.65	9.45	1.97
	Jun	2.45	41.55	0.08	22.95	32.65	9.45	1.97
Ukraine	May	1.77	47.86	0.03	8.85	12.01	35.65	2.00
	Jun	1.77	47.96	0.03	8.85	12.01	35.75	2.00
Major Importers 5/	May	35.25	250.08	143.45	298.73	381.50	13.61	33.67
	Jun	35.24	249.93	143.42	298.01	380.77	14.11	33.71
European Union 6/	May	13.44	153.90	17.42	120.30	159.43	11.45	13.89
	Jun	13.46	154.60	17.42	120.30	159.43	11.95	14.11
Japan	May	1.69	0.20	17.54	13.88	17.82	0.00	1.61
	Jun	1.69	0.20	17.54	13.88	17.82	0.00	1.61
Mexico	May	3.09	33.75	17.60	30.49	49.99	0.90	3.55
	Jun	3.06	33.75	17.60	30.49	49.99	0.90	3.52
N. Afr & Mideast 7/	May	7.75	31.82	42.54	66.29	74.97	0.42	6.72
	Jun	7.75	30.97	42.51	65.57	74.24	0.42	6.57
Saudi Arabia	May	1.62	0.20	11.51	11.36	11.71	0.00	1.62
	Jun	1.62	0.20	11.51	11.36	11.71	0.00	1.62
Southeast Asia 8/	May	4.71	29.91	20.55	42.45	50.85	0.85	3.48
	Jun	4.71	29.91	20.55	42.45	50.85	0.85	3.48
South Korea	May	2.19	0.22	11.81	9.55	12.06	0.00	2.17
	Jun	2.19	0.22	11.81	9.55	12.06	0.00	2.17
Selected Other								
China	May	199.03	275.43	46.30	229.05	321.85	0.05	198.85
	Jun	199.03	275.43	46.90	229.45	322.25	0.05	199.05

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 - 613 - 22

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

<b>2019/20</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	322.56	1,117.50	167.59	715.68	1,134.61	172.46	305.45
World Less China	112.40	856.72	160.00	522.68	856.61	172.44	104.93
United States	56.41	345.96	1.06	149.80	309.51	45.17	48.76
Total Foreign	266.15	771.54	166.53	565.87	825.10	127.28	256.69
Major Exporters 4/	9.97	219.01	1.73	88.40	110.40	107.03	13.27
Argentina	2.37	51.00	0.00	9.50	13.50	36.25	3.62
Brazil	5.31	102.00	1.65	58.50	68.50	35.23	5.23
Russia	0.38	14.28	0.05	8.80	9.80	4.07	0.83
South Africa	1.02	15.84	0.00	6.40	12.20	2.55	2.12
Ukraine	0.89	35.89	0.03	5.20	6.40	28.93	1.48
Major Importers 5/	22.24	129.30	93.95	163.05	217.45	7.04	21.01
Egypt	1.81	6.40	10.43	14.40	16.90	0.01	1.73
European Union 6/	7.64	66.74	17.38	59.00	78.80	5.39	7.58
Japan	1.45	0.00	15.89	12.40	15.95	0.00	1.39
Mexico	5.16	26.66	16.53	25.60	43.80	1.03	3.52
Southeast Asia 7/	3.37	29.35	17.26	37.70	45.55	0.61	3.81
South Korea	1.84	0.08	11.88	9.50	11.80	0.00	2.00
Selected Other							0.00
Canada	1.98	13.40	1.84	8.64	13.96	0.71	2.56
China	210.16	260.78	7.60	193.00	278.00	0.01	200.53
<b>2020/21 Est.</b>							
World 3/	305.45	1,125.03	184.01	728.77	1,149.88	187.04	280.60
World Less China	104.93	864.36	158.01	522.77	860.88	187.02	82.42
United States	48.76	360.25	0.64	144.79	309.13	72.39	28.12
Total Foreign	256.69	764.78	183.37	583.98	840.75	114.64	252.48
Major Exporters 4/	13.27	206.67	3.56	92.80	114.90	96.30	12.30
Argentina	3.62	47.00	0.01	10.50	14.50	34.00	2.12
Brazil	5.23	98.50	3.50	59.00	69.00	33.00	5.23
Russia	0.83	13.87	0.04	9.60	10.70	3.10	0.94
South Africa	2.12	17.00	0.00	7.00	12.80	3.20	3.12
Ukraine	1.48	30.30	0.02	6.70	7.90	23.00	0.89
Major Importers 5/	21.01	127.88	90.60	159.70	214.30	5.07	20.12
Egypt	1.73	6.40	10.30	14.40	16.90	0.01	1.52
European Union 6/	7.58	63.98	12.00	53.50	73.30	3.30	6.95
Japan	1.39	0.00	15.40	11.90	15.40	0.00	1.39
Mexico	3.52	27.00	16.50	25.30	43.50	0.90	2.62
Southeast Asia 7/	3.81	30.35	20.50	41.00	49.10	0.86	4.70
South Korea	2.00	0.08	11.50	9.10	11.40	0.00	2.18
Selected Other							0.00
Canada	2.56	13.56	1.70	8.80	14.00	1.50	2.32
China	200.53	260.67	26.00	206.00	289.00	0.02	198.18

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 - 613 - 23

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

<b>2021/22 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	May	283.53	1,189.85	189.51	748.32	1,181.08	197.47	292.30
	Jun	280.60	1,189.85	189.51	748.27	1,181.04	197.47	289.41
World Less China	May	85.36	921.85	163.51	537.32	887.08	197.45	94.15
	Jun	82.42	921.85	163.51	537.27	887.04	197.45	91.26
United States	May	31.93	380.76	0.64	144.79	312.82	62.23	38.28
	Jun	28.12	380.76	0.64	144.79	312.82	62.23	34.47
Total Foreign	May	251.60	809.09	188.87	603.53	868.27	135.24	254.02
	Jun	252.48	809.09	188.87	603.49	868.22	135.24	254.95
Major Exporters 4/	May	11.85	238.40	1.77	95.30	118.70	116.80	16.52
	Jun	12.30	238.40	1.77	95.30	118.70	116.80	16.97
Argentina	May	2.12	51.00	0.01	10.50	14.50	36.00	2.63
	Jun	2.12	51.00	0.01	10.50	14.50	36.00	2.63
Brazil	May	5.23	118.00	1.70	62.00	73.00	43.00	8.93
	Jun	5.23	118.00	1.70	62.00	73.00	43.00	8.93
Russia	May	0.94	14.90	0.05	9.90	11.10	4.10	0.69
	Jun	0.94	14.90	0.05	9.90	11.10	4.10	0.69
South Africa	May	2.66	17.00	0.00	7.30	13.30	3.20	3.16
	Jun	3.12	17.00	0.00	7.30	13.30	3.20	3.62
Ukraine	May	0.89	37.50	0.02	5.60	6.80	30.50	1.11
	Jun	0.89	37.50	0.02	5.60	6.80	30.50	1.11
Major Importers 5/	May	20.12	131.12	94.90	165.80	220.70	6.05	19.39
	Jun	20.12	131.12	94.90	165.80	220.70	6.05	19.39
Egypt	May	1.52	6.40	10.40	14.40	16.90	0.01	1.42
	Jun	1.52	6.40	10.40	14.40	16.90	0.01	1.42
European Union 6/	May	6.95	66.70	16.00	58.00	77.90	4.30	7.45
	Jun	6.95	66.70	16.00	58.00	77.90	4.30	7.45
Japan	May	1.39	0.00	15.90	12.40	15.95	0.00	1.34
	Jun	1.39	0.00	15.90	12.40	15.95	0.00	1.34
Mexico	May	2.62	28.00	17.00	25.60	43.80	0.90	2.92
	Jun	2.62	28.00	17.00	25.60	43.80	0.90	2.92
Southeast Asia 7/	May	4.70	29.86	19.50	41.50	49.75	0.85	3.47
	Jun	4.70	29.86	19.50	41.50	49.75	0.85	3.47
South Korea	May	2.18	0.08	11.70	9.50	11.80	0.00	2.15
	Jun	2.18	0.08	11.70	9.50	11.80	0.00	2.15
Selected Other								
Canada	May	2.62	13.30	2.00	9.30	14.50	1.00	2.42
	Jun	2.32	13.30	2.00	9.30	14.50	1.00	2.12
China	May	198.18	268.00	26.00	211.00	294.00	0.02	198.16
	Jun	198.18	268.00	26.00	211.00	294.00	0.02	198.16

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 - 613 - 24

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

<b>2019/20</b>	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	176.59	497.78	42.30	496.49	43.38	177.88
World Less China	61.59	351.05	39.70	351.26	40.78	61.38
United States	1.42	5.88	1.19	4.59	2.99	0.91
Total Foreign	175.17	491.91	41.12	491.91	40.39	176.97
Major Exporters 4/	36.67	183.69	0.65	153.33	30.48	37.20
Burma	1.06	12.65	0.00	10.40	2.30	1.01
India	29.50	118.87	0.00	105.98	12.49	29.90
Pakistan	0.93	7.41	0.00	3.40	3.82	1.13
Thailand	4.08	17.66	0.25	12.30	5.71	3.98
Vietnam	1.10	27.10	0.40	21.25	6.17	1.18
Major Importers 5/	127.82	239.80	13.97	249.65	3.18	128.75
China	115.00	146.73	2.60	145.23	2.60	116.50
European Union 6/	1.19	1.99	2.00	3.39	0.53	1.26
Indonesia	4.06	34.70	0.55	36.00	0.00	3.31
Nigeria	1.22	5.04	1.40	6.85	0.00	0.81
Philippines	3.52	11.93	2.45	14.30	0.00	3.60
Sel. Mideast 7/	0.89	2.34	3.97	5.98	0.00	1.22
Selected Other						0.00
Brazil	0.25	7.60	0.87	7.30	1.22	0.21
C. Amer & Carib 8/	0.58	1.63	1.86	3.39	0.04	0.65
Egypt	0.95	4.30	0.30	4.30	0.02	1.23
Japan	2.05	7.61	0.71	8.35	0.03	1.98
Mexico	0.15	0.18	0.80	0.94	0.02	0.18
South Korea	1.09	3.74	0.45	4.10	0.06	1.14

**2020/21 Est.**

World 3/	177.88	504.99	44.22	506.55	47.13	176.33
World Less China	61.38	356.69	40.82	356.35	44.73	60.73
United States	0.91	7.23	1.10	5.02	2.92	1.30
Total Foreign	176.97	497.77	43.12	501.53	44.21	175.03
Major Exporters 4/	37.20	188.71	0.70	155.05	35.20	36.36
Burma	1.01	12.60	0.00	10.55	1.90	1.16
India	29.90	122.00	0.00	107.00	17.00	27.90
Pakistan	1.13	8.18	0.00	3.55	4.20	1.56
Thailand	3.98	18.83	0.20	12.70	5.80	4.51
Vietnam	1.18	27.10	0.50	21.25	6.30	1.23
Major Importers 5/	128.75	240.62	15.85	254.95	2.92	127.35
China	116.50	148.30	3.40	150.20	2.40	115.60
European Union 6/	1.26	1.96	1.95	3.45	0.50	1.22
Indonesia	3.31	35.20	0.70	35.80	0.00	3.41
Nigeria	0.81	4.89	1.80	6.85	0.00	0.65
Philippines	3.60	12.40	2.10	14.45	0.00	3.65
Sel. Mideast 7/	1.22	2.31	3.60	6.10	0.00	1.02
Selected Other						0.00
Brazil	0.21	7.90	0.70	7.40	0.98	0.42
C. Amer & Carib 8/	0.65	1.61	1.92	3.48	0.03	0.66
Egypt	1.23	4.00	0.25	4.30	0.02	1.16
Japan	1.98	7.57	0.69	8.25	0.08	1.90
Mexico	0.18	0.21	0.80	0.96	0.01	0.22
South Korea	1.14	3.51	0.45	4.00	0.06	1.04

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 - 613 - 25

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

<b>2021/22 Proj.</b>		<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Total /2 Domestic</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 3/	May	175.92	505.45	44.24	513.35	46.47	168.02
	Jun	176.33	506.62	44.69	514.54	46.97	168.41
World Less China	May	60.52	356.45	41.54	357.35	44.07	59.32
	Jun	60.73	357.62	41.79	358.54	44.57	59.31
United States	May	1.36	6.46	1.22	4.95	2.79	1.30
	Jun	1.30	6.46	1.22	4.95	2.79	1.24
Total Foreign	May	174.56	498.98	43.02	508.40	43.68	166.72
	Jun	175.03	500.15	43.47	509.59	44.18	167.17
Major Exporters 4/	May	36.48	187.40	0.70	155.45	34.20	34.94
	Jun	36.36	188.40	0.70	156.45	34.70	34.32
Burma	May	1.11	12.80	0.00	10.65	2.10	1.17
	Jun	1.16	12.80	0.00	10.65	2.10	1.22
India	May	28.40	120.00	0.00	107.00	15.00	26.40
	Jun	27.90	121.00	0.00	108.00	15.50	25.40
Pakistan	May	1.43	8.20	0.00	3.70	4.30	1.63
	Jun	1.56	8.20	0.00	3.70	4.30	1.76
Thailand	May	4.41	19.50	0.20	12.90	6.50	4.71
	Jun	4.51	19.50	0.20	12.90	6.50	4.81
Vietnam	May	1.13	26.90	0.50	21.20	6.30	1.03
	Jun	1.23	26.90	0.50	21.20	6.30	1.13
Major Importers 5/	May	126.80	242.37	15.20	261.12	2.97	120.27
	Jun	127.35	242.37	15.50	261.06	2.97	121.18
China	May	115.40	149.00	2.70	156.00	2.40	108.70
	Jun	115.60	149.00	2.90	156.00	2.40	109.10
European Union 6/	May	1.22	1.99	2.10	3.50	0.55	1.26
	Jun	1.22	1.99	2.10	3.50	0.55	1.26
Indonesia	May	3.41	35.30	0.60	35.60	0.00	3.71
	Jun	3.41	35.30	0.60	35.60	0.00	3.71
Nigeria	May	0.65	5.00	2.00	6.95	0.00	0.70
	Jun	0.65	5.00	2.00	6.95	0.00	0.70
Philippines	May	3.60	12.30	2.10	14.50	0.00	3.50
	Jun	3.65	12.30	2.10	14.50	0.00	3.55
Sel. Mideast 7/	May	1.02	2.25	3.85	6.17	0.00	0.95
	Jun	1.02	2.25	3.85	6.11	0.00	1.01
Selected Other							
Brazil	May	0.40	7.65	0.70	7.40	0.90	0.45
	Jun	0.42	7.82	0.70	7.45	1.00	0.49
C. Amer & Carib 8/	May	0.65	1.67	1.93	3.51	0.02	0.71
	Jun	0.66	1.67	1.93	3.51	0.02	0.72
Egypt	May	1.16	4.00	0.20	4.35	0.02	0.99
	Jun	1.16	4.00	0.20	4.35	0.02	0.99
Japan	May	1.90	7.58	0.69	8.20	0.07	1.90
	Jun	1.90	7.58	0.69	8.20	0.07	1.90
Mexico	May	0.21	0.22	0.80	0.97	0.01	0.25
	Jun	0.22	0.22	0.80	0.97	0.01	0.26
South Korea	May	1.04	3.77	0.41	3.90	0.06	1.26
	Jun	1.04	3.77	0.41	3.90	0.06	1.26

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 - 613 - 26

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

<b>2019/20</b>	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	80.02	121.42	40.74	102.85	41.45	-0.04	97.92
World Less China	44.35	94.17	33.60	69.85	41.29	-0.04	61.02
United States	4.85	19.91	3/	2.15	15.53	-0.16	7.25
Total Foreign	75.17	101.50	40.73	100.70	25.92	0.13	90.67
Major Exporters 4/	28.33	57.83	2.92	28.19	21.43	0.02	39.43
Central Asia 5/	2.28	5.96	3/	3.93	1.78	0.00	2.53
Afr. Fr. Zone 6/	1.41	5.91	3/	0.14	4.89	0.00	2.29
S. Hemis. 7/	15.32	16.71	0.14	3.56	11.31	0.01	17.28
Australia	1.57	0.63	3/	0.04	1.36	0.00	0.80
Brazil	12.26	13.78	0.01	2.70	8.94	0.00	14.40
India	9.00	28.80	2.28	20.00	3.20	0.00	16.88
Major Importers 8/	44.87	40.62	35.44	68.86	3.18	0.11	48.79
Mexico	0.69	1.57	0.59	1.48	0.66	0.03	0.69
China	35.67	27.25	7.14	33.00	0.16	0.00	36.90
European Union 9/	0.22	2.00	0.58	0.60	1.82	0.03	0.34
Turkey	1.69	3.45	4.67	6.60	0.45	0.00	2.77
Pakistan	2.50	6.20	3.98	9.20	0.06	0.03	3.39
Indonesia	0.53	3/	2.51	2.40	0.00	0.00	0.64
Thailand	0.20	3/	0.70	0.78	0.00	0.02	0.10
Bangladesh	1.78	0.14	7.50	6.90	0.00	0.01	2.52
Vietnam	1.23	3/	6.48	6.60	0.00	0.00	1.11
<b>2020/21 Est.</b>							
World	97.92	113.26	47.47	118.03	47.41	0.14	93.05
World Less China	61.02	83.76	34.97	78.03	47.39	0.14	54.18
United States	7.25	14.61	3/	2.30	16.40	0.01	3.15
Total Foreign	90.67	98.65	47.46	115.73	31.01	0.13	89.90
Major Exporters 4/	39.43	55.78	1.56	32.33	26.87	0.02	37.54
Central Asia 5/	2.53	5.75	3/	4.17	1.78	0.00	2.34
Afr. Fr. Zone 6/	2.29	4.87	3/	0.14	4.97	0.00	2.04
S. Hemis. 7/	17.28	16.31	0.16	3.91	13.65	0.01	16.18
Australia	0.80	2.80	3/	0.04	1.40	0.00	2.17
Brazil	14.40	11.25	0.03	3.00	11.00	0.00	11.68
India	16.88	28.50	0.80	23.50	5.90	0.00	16.78
Major Importers 8/	48.79	39.75	43.59	79.62	2.70	0.11	49.70
Mexico	0.69	1.02	0.85	1.70	0.43	0.03	0.41
China	36.90	29.50	12.50	40.00	0.03	0.00	38.87
European Union 9/	0.34	1.68	0.57	0.62	1.71	0.03	0.23
Turkey	2.77	2.90	5.10	7.70	0.48	0.00	2.59
Pakistan	3.39	4.50	5.30	10.30	0.03	0.03	2.84
Indonesia	0.64	3/	2.25	2.40	0.00	0.00	0.49
Thailand	0.10	3/	0.55	0.53	0.00	0.03	0.10
Bangladesh	2.52	0.15	8.25	8.10	0.00	0.01	2.80
Vietnam	1.11	3/	7.20	7.20	0.00	0.00	1.11

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 - 613 - 27

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

<b>2021/22 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	May	93.16	119.44	45.51	121.48	45.51	0.13	90.99
	Jun	93.05	118.87	46.59	122.54	46.59	0.08	89.30
World Less China	May	54.56	91.94	35.01	81.48	45.46	0.13	54.44
	Jun	54.18	92.12	35.59	81.54	46.54	0.08	53.73
United States	May	3.30	17.00	3/	2.50	14.70	0.00	3.10
	Jun	3.15	17.00	3/	2.50	14.80	-0.05	2.90
Total Foreign	May	89.86	102.44	45.51	118.98	30.81	0.13	87.89
	Jun	89.90	101.87	46.59	120.04	31.79	0.13	86.40
Major Exporters 4/	May	38.26	60.12	1.74	34.57	26.74	0.02	38.78
	Jun	37.54	60.30	1.74	34.11	27.61	0.02	37.83
Central Asia 5/	May	2.39	5.63	3/	4.27	1.49	0.00	2.26
	Jun	2.34	5.63	3/	4.28	1.49	0.00	2.20
Afr. Fr. Zone 6/	May	2.07	5.85	3/	0.14	5.50	0.00	2.27
	Jun	2.04	5.87	3/	0.14	5.80	0.00	1.97
S. Hemis. 7/	May	16.43	19.27	0.16	4.05	13.38	0.01	18.42
	Jun	16.18	19.40	0.16	4.08	13.95	0.01	17.70
Australia	May	1.87	3.90	3/	0.04	3.20	0.00	2.53
	Jun	2.17	3.90	3/	0.04	3.40	0.00	2.63
Brazil	May	12.23	13.25	0.03	3.10	9.00	0.00	13.40
	Jun	11.68	13.25	0.03	3.10	9.25	0.00	12.60
India	May	17.18	29.00	1.00	25.50	6.00	0.00	15.68
	Jun	16.78	29.00	1.00	25.00	6.00	0.00	15.78
Major Importers 8/	May	48.94	39.20	41.30	80.44	2.46	0.11	46.43
	Jun	49.70	38.45	42.43	82.04	2.52	0.11	45.90
Mexico	May	0.41	1.05	0.90	1.70	0.25	0.03	0.39
	Jun	0.41	1.05	0.90	1.70	0.25	0.03	0.39
China	May	38.60	27.50	10.50	40.00	0.05	0.00	36.55
	Jun	38.87	26.75	11.00	41.00	0.05	0.00	35.57
European Union 9/	May	0.29	1.80	0.60	0.64	1.70	0.03	0.31
	Jun	0.23	1.80	0.60	0.64	1.71	0.03	0.26
Turkey	May	2.52	3.40	5.00	8.00	0.40	0.00	2.52
	Jun	2.59	3.40	5.20	8.20	0.45	0.00	2.54
Pakistan	May	2.84	5.30	5.00	10.50	0.05	0.03	2.57
	Jun	2.84	5.30	5.00	10.50	0.05	0.03	2.57
Indonesia	May	0.49	3/	2.50	2.50	0.01	0.00	0.49
	Jun	0.49	3/	2.50	2.50	0.01	0.00	0.49
Thailand	May	0.10	3/	0.55	0.55	0.00	0.03	0.08
	Jun	0.10	3/	0.58	0.55	0.00	0.03	0.11
Bangladesh	May	2.35	0.15	7.60	8.00	0.00	0.01	2.09
	Jun	2.80	0.15	8.00	8.40	0.00	0.01	2.54
Vietnam	May	1.11	3/	7.60	7.50	0.00	0.00	1.22
	Jun	1.11	3/	7.60	7.50	0.00	0.00	1.22

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 - 613 - 28

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

2019/20		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		114.58	339.42	165.02	311.50	357.36	165.14	96.52
World Less China		95.13	321.32	66.49	220.00	248.16	165.05	69.72
United States		24.74	96.67	0.42	58.91	61.77	45.78	14.28
Total Foreign		89.84	242.75	164.60	252.59	295.59	119.36	82.24
Major Exporters 3/		62.44	189.39	5.45	88.35	98.40	110.68	48.20
Argentina		28.89	48.80	4.88	38.77	45.87	10.00	26.70
Brazil		32.47	128.50	0.55	46.00	48.65	92.14	20.74
Paraguay		1.06	10.10	0.01	3.50	3.80	6.62	0.75
Major Importers 4/		22.07	21.76	131.92	120.06	145.96	0.34	29.45
China		19.46	18.10	98.53	91.50	109.20	0.09	26.80
European Union		1.52	2.62	14.95	15.60	17.32	0.23	1.54
Southeast Asia		0.74	0.60	9.36	4.50	9.85	0.02	0.83
Mexico		0.18	0.24	5.75	6.00	6.05	0.00	0.11
<b>2020/21 Est.</b>								
World 2/		96.52	364.07	167.81	322.06	368.99	171.41	88.00
World Less China		69.72	344.47	67.81	226.06	254.49	171.31	56.20
United States		14.28	112.55	0.95	59.19	62.06	62.05	3.66
Total Foreign		82.24	251.52	166.86	262.87	306.92	109.36	84.34
Major Exporters 3/		48.20	196.03	5.42	91.63	101.78	101.01	46.85
Argentina		26.70	47.00	4.70	41.50	48.70	6.35	23.35
Brazil		20.74	137.00	0.70	46.75	49.40	86.00	23.04
Paraguay		0.75	9.90	0.01	3.30	3.60	6.60	0.46
Major Importers 4/		29.45	23.23	133.87	125.56	152.31	0.35	33.90
China		26.80	19.60	100.00	96.00	114.50	0.10	31.80
European Union		1.54	2.58	14.95	16.20	17.92	0.23	0.92
Southeast Asia		0.83	0.58	9.67	4.81	10.19	0.02	0.87
Mexico		0.11	0.24	6.00	6.20	6.25	0.00	0.10
<b>2021/22 Proj.</b>								
World 2/	May	86.55	385.53	172.71	331.69	380.78	172.90	91.10
	Jun	88.00	385.52	172.71	331.69	380.78	172.90	92.55
World Less China	May	54.75	366.53	69.71	231.69	261.08	172.80	57.10
	Jun	56.20	366.52	69.71	231.69	261.08	172.80	58.56
United States	May	3.25	119.88	0.95	60.56	63.81	56.47	3.81
	Jun	3.66	119.88	0.95	60.56	63.81	56.47	4.22
Total Foreign	May	83.29	265.64	171.76	271.14	316.97	116.43	87.29
	Jun	84.34	265.64	171.76	271.14	316.97	116.43	88.33
Major Exporters 3/	May	45.85	209.10	5.37	94.03	104.33	108.38	47.61
	Jun	46.85	209.10	5.37	94.03	104.33	108.38	48.61
Argentina	May	23.35	52.00	4.70	42.50	49.85	6.35	23.85
	Jun	23.35	52.00	4.70	42.50	49.85	6.35	23.85
Brazil	May	22.04	144.00	0.65	47.70	50.35	93.00	23.34
	Jun	23.04	144.00	0.65	47.70	50.35	93.00	24.34
Paraguay	May	0.46	10.50	0.01	3.75	4.05	6.50	0.42
	Jun	0.46	10.50	0.01	3.75	4.05	6.50	0.42
Major Importers 4/	May	33.90	22.87	137.35	129.71	157.68	0.35	36.09
	Jun	33.90	22.87	137.35	129.71	157.68	0.35	36.09
China	May	31.80	19.00	103.00	100.00	119.70	0.10	34.00
	Jun	31.80	19.00	103.00	100.00	119.70	0.10	34.00
European Union	May	0.92	2.80	15.00	15.90	17.62	0.23	0.87
	Jun	0.92	2.80	15.00	15.90	17.62	0.23	0.87
Southeast Asia	May	0.87	0.53	9.85	4.98	10.36	0.02	0.87
	Jun	0.87	0.53	9.85	4.98	10.36	0.02	0.87
Mexico	May	0.10	0.30	6.20	6.40	6.45	0.00	0.15
	Jun	0.10	0.30	6.20	6.40	6.45	0.00	0.15

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.

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

<b>2019/20</b>	<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Domestic Total</b>	<b>Exports</b>	<b>Ending Stocks</b>
World 2/	13.76	244.49	62.02	240.57	67.90	11.79
World Less China	13.76	172.03	61.97	169.07	66.89	11.79
United States	0.37	46.36	0.58	34.22	12.77	0.31
Total Foreign	13.40	198.14	61.44	206.35	55.13	11.48
Major Exporters 3/	5.98	72.24	0.03	27.37	45.85	5.04
Argentina	2.06	29.87	0.00	3.20	27.46	1.27
Brazil	3.54	35.65	0.01	18.50	17.50	3.20
India	0.38	6.72	0.02	5.67	0.89	0.57
Major Importers 4/	2.16	22.44	37.13	59.02	1.10	1.62
European Union	0.86	12.32	16.33	28.32	0.88	0.33
Mexico	0.26	4.75	1.82	6.73	0.01	0.10
Southeast Asia 5/	1.01	3.51	17.12	20.38	0.21	1.05
China	0.00	72.47	0.05	71.51	1.01	0.00

**2020/21 Est.**

World 2/	11.79	252.99	63.32	248.36	68.36	11.38
World Less China	11.79	176.96	63.26	173.52	67.11	11.38
United States	0.31	46.77	0.64	34.43	12.93	0.36
Total Foreign	11.48	206.21	62.69	213.94	55.44	11.02
Major Exporters 3/	5.04	75.71	0.06	28.83	46.55	5.43
Argentina	1.27	31.95	0.00	3.28	28.25	1.69
Brazil	3.20	36.24	0.02	19.70	16.50	3.26
India	0.57	7.52	0.04	5.85	1.80	0.48
Major Importers 4/	1.62	23.23	37.40	59.46	1.03	1.75
European Union	0.33	12.81	16.70	28.54	0.80	0.49
Mexico	0.10	4.90	1.88	6.75	0.01	0.12
Southeast Asia 5/	1.05	3.75	16.97	20.56	0.22	0.99
China	0.00	76.03	0.06	74.84	1.25	0.00

**2021/22 Proj.**

World 2/	May	11.33	260.32	64.67	255.29	69.59	11.44
	Jun	11.38	260.32	64.47	254.86	69.85	11.46
World Less China	May	11.33	181.12	64.61	177.03	68.59	11.44
	Jun	11.38	181.12	64.41	176.85	68.60	11.46
United States	May	0.36	47.63	0.41	35.02	12.97	0.41
	Jun	0.36	47.63	0.41	35.02	12.97	0.41
Total Foreign	May	10.97	212.69	64.27	220.27	56.62	11.04
	Jun	11.02	212.69	64.07	219.85	56.88	11.05
Major Exporters 3/	May	5.43	77.46	0.05	29.87	47.55	5.51
	Jun	5.43	77.46	0.05	29.87	47.55	5.51
Argentina	May	1.69	32.73	0.00	3.38	29.20	1.84
	Jun	1.69	32.73	0.00	3.38	29.20	1.84
Brazil	May	3.26	36.97	0.02	20.25	16.65	3.34
	Jun	3.26	36.97	0.02	20.25	16.65	3.34
India	May	0.48	7.76	0.03	6.24	1.70	0.34
	Jun	0.48	7.76	0.03	6.24	1.70	0.34
Major Importers 4/	May	1.75	23.34	38.23	60.26	1.09	1.97
	Jun	1.75	23.34	38.03	60.06	1.09	1.97
European Union	May	0.49	12.57	17.00	28.54	0.85	0.67
	Jun	0.49	12.57	17.00	28.54	0.85	0.67
Mexico	May	0.12	5.06	1.93	7.00	0.01	0.09
	Jun	0.12	5.06	1.93	7.00	0.01	0.09
Southeast Asia 5/	May	0.99	3.88	17.50	21.09	0.24	1.05
	Jun	0.99	3.88	17.30	20.89	0.24	1.05
China	May	0.00	79.20	0.06	78.26	1.00	0.00
	Jun	0.00	79.20	0.06	78.01	1.25	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.

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

<b>2019/20</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		4.30	58.36	11.50	57.35	12.31	4.51
World Less China		3.80	41.97	10.50	40.26	12.15	3.86
United States		0.81	11.30	0.15	10.12	1.29	0.84
Total Foreign		3.50	47.06	11.36	47.23	11.02	3.67
Major Exporters 3/		1.07	20.18	0.55	12.42	8.12	1.26
Argentina		0.43	7.70	0.00	2.18	5.40	0.55
Brazil		0.32	8.85	0.07	7.77	1.16	0.32
European Union		0.26	2.96	0.48	2.43	0.93	0.35
Major Importers 4/		1.21	19.45	7.07	25.94	0.47	1.32
China		0.50	16.40	1.00	17.09	0.16	0.65
India		0.14	1.51	3.61	5.10	0.02	0.15
North Africa 5/		0.29	1.07	1.79	2.50	0.29	0.36
<b>2020/21 Est.</b>							
World 2/		4.51	60.44	12.05	59.91	12.59	4.51
World Less China		3.86	43.24	10.85	41.66	12.54	3.76
United States		0.84	11.51	0.14	10.81	0.86	0.82
Total Foreign		3.67	48.93	11.92	49.11	11.72	3.69
Major Exporters 3/		1.26	20.91	0.66	12.42	9.17	1.24
Argentina		0.55	8.20	0.00	1.95	6.25	0.55
Brazil		0.32	9.00	0.21	7.91	1.30	0.32
European Union		0.35	3.08	0.45	2.51	1.00	0.37
Major Importers 4/		1.32	20.56	7.29	27.48	0.27	1.42
China		0.65	17.20	1.20	18.25	0.05	0.75
India		0.15	1.69	3.70	5.33	0.02	0.20
North Africa 5/		0.36	1.13	1.64	2.59	0.21	0.33
<b>2021/22 Proj.</b>							
World 2/	May	4.46	62.25	12.06	61.87	12.82	4.09
	Jun	4.51	62.25	12.08	61.89	12.82	4.14
World Less China	May	3.76	44.33	10.88	42.95	12.67	3.36
	Jun	3.76	44.33	10.91	42.97	12.67	3.36
United States	May	0.82	11.77	0.27	11.52	0.66	0.69
	Jun	0.82	11.77	0.27	11.52	0.66	0.68
Total Foreign	May	3.64	50.48	11.79	50.35	12.16	3.40
	Jun	3.69	50.48	11.81	50.37	12.16	3.46
Major Exporters 3/	May	1.26	21.31	0.50	12.61	9.29	1.17
	Jun	1.24	21.31	0.50	12.61	9.29	1.15
Argentina	May	0.55	8.40	0.00	2.01	6.40	0.54
	Jun	0.55	8.40	0.00	2.01	6.40	0.54
Brazil	May	0.34	9.18	0.05	7.94	1.30	0.33
	Jun	0.32	9.18	0.05	7.94	1.30	0.31
European Union	May	0.37	3.02	0.45	2.61	0.95	0.29
	Jun	0.37	3.02	0.45	2.61	0.95	0.29
Major Importers 4/	May	1.39	21.43	7.26	28.31	0.44	1.33
	Jun	1.42	21.43	7.26	28.31	0.44	1.35
China	May	0.70	17.92	1.18	18.92	0.15	0.73
	Jun	0.75	17.92	1.18	18.92	0.15	0.78
India	May	0.20	1.75	3.73	5.45	0.02	0.21
	Jun	0.20	1.75	3.73	5.45	0.02	0.21
North Africa 5/	May	0.36	1.22	1.58	2.61	0.28	0.26
	Jun	0.33	1.22	1.58	2.61	0.28	0.24

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

## 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>
2020 II	6,059	6,313	12,424	10,940	1,369	12,446	24,870	2,254	56.1
III	7,115	7,048	14,213	11,358	1,454	12,958	27,172	2,311	55.4
IV	7,069	7,515	14,633	11,047	1,451	12,630	27,263	2,371	55.6
Annual	27,174	28,303	55,680	44,583	5,743	50,876	106,556	9,283	223.2
2021 I	6,895	7,291	14,235	10,893	1,390	12,410	26,645	2,306	56.8
II*	6,960	6,665	13,676	11,300	1,400	12,835	26,511	2,315	58.4
III*	7,050	6,930	14,031	11,445	1,425	13,010	27,041	2,345	56.8
IV*	7,000	7,305	14,356	11,255	1,450	12,835	27,191	2,395	56.5
Annual									
May Proj.	27,900	28,221	56,324	44,765	5,630	50,925	107,249	9,341	227.9
Jun Proj.	27,905	28,191	56,298	44,893	5,665	51,090	107,388	9,361	228.5
2022 I*	6,820	7,295	14,166	11,025	1,405	12,560	26,726	2,340	57.6
Annual									
May Proj.	27,335	28,545	56,084	45,300	5,690	51,535	107,619	9,470	230.3
Jun Proj.	27,335	28,545	56,084	45,300	5,700	51,545	107,629	9,470	231.1

\* 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>
2020 II	105.79	38.96	67.0	103.7	119.6	15.43
III	101.74	40.50	66.7	111.3	89.0	18.97
IV	108.18	50.75	75.7	113.6	107.2	19.80
Annual	108.51	43.18	73.2	106.5	112.2	18.24
2021 I	112.98	55.71	84.0	110.1	127.8	17.33
II*	120.00	81.00	104.0	118.0	94.0	18.95
III*	115.00	78.00	94.0	118.0	103.0	19.00
IV*	120.00	66.00	88.0	116.0	124.0	20.05
Annual						
May Proj.	116.3	67.2	92.7	114.3	112.5	18.95
Jun Proj.	117.0	70.2	92.5	115.5	112.2	18.85
2022 I*	125.00	60.00	91.0	114.0	121.0	19.20
Annual						
May Proj.	122	56	93	116	115	18.50
Jun Proj.	122	56	93	116	115	18.75

\*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 - 613 - 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	2020	642	27,244	3,343	31,228	2,956	716	27,557	58.4	
	2021 Proj.	May	716	27,970	2,961	31,647	3,227	665	27,755	58.6
		Jun	716	27,975	3,021	31,712	3,342	665	27,705	58.5
	2022 Proj.	May	665	27,405	2,950	31,020	3,225	670	27,125	57.1
		Jun	665	27,405	2,990	31,060	3,300	670	27,090	57.0
	Pork	2020	646	28,318	904	29,869	7,282	467	22,119	52.0
2021 Proj.		May	467	28,236	967	29,670	7,427	415	21,828	51.1
		Jun	467	28,206	982	29,655	7,552	415	21,688	50.8
2022 Proj.		May	415	28,560	990	29,965	7,425	445	22,095	51.5
		Jun	415	28,560	990	29,965	7,550	445	21,970	51.2
Total Red Meat 5/		2020	1,330	55,774	4,548	61,652	10,241	1,217	50,194	111.8
	2021 Proj.	May	1,217	56,419	4,182	61,818	10,658	1,113	50,046	110.9
		Jun	1,217	56,393	4,257	61,867	10,898	1,113	49,855	110.5
	2022 Proj.	May	1,113	56,179	4,217	61,509	10,656	1,154	49,699	109.9
		Jun	1,113	56,179	4,252	61,544	10,856	1,154	49,534	109.4
	Broiler	2020	937	44,106	145	45,188	7,371	830	36,987	96.2
2021 Proj.		May	830	44,286	131	45,246	7,354	760	37,132	96.2
		Jun	830	44,413	135	45,377	7,399	760	37,218	96.4
2022 Proj.		May	760	44,815	133	45,708	7,450	795	37,463	96.7
		Jun	760	44,815	136	45,711	7,450	795	37,466	96.7
Turkey		2020	233	5,743	21	5,997	572	223	5,202	15.8
	2021 Proj.	May	223	5,630	20	5,873	560	230	5,083	15.3
		Jun	223	5,665	20	5,908	575	230	5,103	15.4
	2022 Proj.	May	230	5,690	21	5,941	580	225	5,136	15.4
		Jun	230	5,700	21	5,951	580	225	5,146	15.5
	Total Poultry 6/	2020	1,175	50,398	167	51,740	8,018	1,057	42,665	113.4
2021 Proj.		May	1,057	50,445	154	51,656	7,976	995	42,685	113.0
		Jun	1,057	50,609	158	51,824	8,034	995	42,795	113.3
2022 Proj.		May	995	51,050	157	52,202	8,090	1,025	43,087	113.6
		Jun	995	51,060	160	52,215	8,090	1,025	43,100	113.6
Red Meat & Poultry		2020	2,504	106,172	4,716	113,392	18,259	2,274	92,859	225.2
	2021 Proj.	May	2,274	106,864	4,335	113,473	18,634	2,108	92,732	223.9
		Jun	2,274	107,002	4,414	113,690	18,932	2,108	92,650	223.7
	2022 Proj.	May	2,108	107,228	4,374	113,710	18,746	2,179	92,785	223.5
		Jun	2,108	107,238	4,412	113,758	18,946	2,179	92,633	223.0

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 - 613 - 33

## U.S. Egg Supply and Use

	2019	2020	2021 Proj.	2021 Proj.	2022 Proj.	2022 Proj.
			May	Jun	May	Jun
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	22.7	31.6	24.5	24.5	22.0	22.0
Production	9,441.8	9,283.4	9,341.0	9,361.0	9,470.0	9,470.0
Imports	14.6	15.4	16.2	16.2	16.0	16.0
Total Supply	9,479.1	9,330.4	9,381.7	9,401.7	9,508.0	9,508.0
Use						
Exports	333.9	344.0	378.8	378.8	365.0	365.0
Hatching Use	1,081.2	1,078.5	1,106.6	1,113.6	1,140.0	1,140.0
Ending Stocks	31.6	24.5	22.0	22.0	24.0	24.0
Disappearance						
Total	8,032.5	7,883.4	7,874.3	7,887.3	7,979.0	7,979.0
Per Capita (number)	293.4	286.5	285.1	285.5	287.8	287.6

## U.S. Milk Supply and Use

	2019	2020	2021 Proj.	2021 Proj.	2022 Proj.	2022 Proj.
			May	Jun	May	Jun
Milk	<i>Billion Pounds</i>					
Production	218.4	223.2	227.9	228.5	230.3	231.1
Farm Use	1.0	1.1	1.1	1.1	1.1	1.1
Fat Basis Supply						
Beg. Commercial Stocks	13.8	13.6	15.6	15.6	15.0	15.1
Marketings	217.4	222.1	226.8	227.4	229.2	230.0
Imports	6.9	6.8	6.2	6.1	5.9	5.9
Total Cml. Supply	238.1	242.5	248.6	249.1	250.1	251.1
Fat Basis Use						
Commercial Exports	9.1	9.3	10.8	11.1	10.3	10.3
Ending Commercial Stocks	13.6	15.6	15.0	15.1	15.0	15.1
CCC Donations	0.2	0.3	0.0	0.0	0.0	0.0
Domestic Commercial Use	215.2	217.4	222.8	222.9	224.8	225.7
Skim-solid Basis Supply						
Beg. Commercial Stocks	10.7	10.2	10.9	10.9	10.5	10.6
Marketings	217.4	222.1	226.8	227.4	229.2	230.0
Imports	5.8	5.6	5.5	5.5	5.4	5.4
Total Cml. Supply	233.9	237.9	243.2	243.8	245.1	246.0
Skim-solid Basis Use						
Commercial Exports	41.5	47.2	49.5	50.2	50.0	50.7
Ending Commercial Stocks	10.2	10.9	10.5	10.6	10.4	10.3
CCC Donations	0.2	0.1	0.0	0.0	0.0	0.0
Domestic Commercial Use	182.0	179.7	183.2	183.0	184.7	185.1

CCC Donations include purchases made through the USDA Trade Mitigation program. They do not include products purchased under other programs. Dairy domestic commercial use for 2020 includes additional milk marketed but not processed. Note: Totals may not add due to rounding.

## WASDE - 613 - 34

## U.S. Dairy Prices

	2019	2020	2021 Proj. May	2021 Proj. Jun	2022 Proj. May	2022 Proj. Jun
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.7586	1.9236	1.740	1.705	1.715	1.715
Butter	2.2431	1.5808	1.710	1.715	1.790	1.795
Nonfat Dry Milk	1.0419	1.0417	1.240	1.250	1.195	1.220
Dry Whey	0.3799	0.3621	0.575	0.590	0.475	0.510
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	16.96	18.16	17.70	17.45	16.85	17.15
Class IV	16.30	13.49	15.75	15.85	15.70	15.95
All Milk 3/	18.65	18.24	18.95	18.85	18.50	18.75

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 - 613 - 35

## Reliability of June Projections 1/

Note: Tables on pages 35-37 present a record of the June projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 3 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 5.1 percent. The average difference between the June projection and the final estimate is 16 million tons, ranging from 0.4 million to 32.2 million tons. The June projection has been below the estimate 25 times and above 15 times.

	Differences between forecast and final estimate							
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final	
	<i>Percent</i>		<i>Million Metric Tons</i>				Years	
<b>WHEAT</b>								
Production								
World	3.0	5.1	16.0	0.4	32.2	25	15	
U.S.	5.7	9.7	2.6	0.0	8.4	23	17	
Foreign	3.2	5.4	15.0	1.1	31.9	24	15	
Exports								
World	6.1	10.3	6.3	0.0	19.2	27	12	
U.S.	11.9	20.2	2.8	0.1	10.2	23	17	
Foreign	6.6	11.2	5.7	0.6	19.8	29	10	
Domestic Use								
World	2.2	3.8	10.8	0.5	27.7	24	16	
U.S.	7.0	11.9	1.8	0.0	6.4	18	22	
Foreign	2.3	3.8	10.6	0.6	28.6	25	14	
Ending Stocks								
World	10.2	17.3	12.7	0.8	40.5	26	14	
U.S.	18.5	31.3	3.4	0.1	14.9	23	17	
Foreign	10.4	17.7	10.7	0.8	36.1	25	14	
<b>COARSE GRAINS 2/</b>								
Production								
World	3.6	6.2	27.4	0.6	103.3	22	18	
U.S.	13.6	23.0	20.3	0.5	103.8	21	19	
Foreign	2.8	4.7	14.9	0.4	45.6	20	19	
Exports								
World	7.7	13.0	7.8	0.3	24.0	28	12	
U.S.	28.8	48.8	8.5	0.1	30.8	18	22	
Foreign	13.6	23.0	7.0	0.5	19.2	25	14	
Domestic Use								
World	1.9	3.3	14.8	0.3	66.7	19	21	
U.S.	5.6	9.5	7.7	0.1	37.0	24	16	
Foreign	2.0	3.4	12.0	0.1	38.2	20	19	
Ending Stocks								
World	20.9	35.5	26.7	1.7	170.1	27	13	
U.S.	55.3	93.8	16.8	0.5	57.6	22	18	
Foreign	17.4	29.6	15.9	0.1	155.2	29	10	
<b>RICE, milled</b>								
Production								
World	2.4	4.0	7.0	0.3	21.8	26	14	
U.S.	7.3	12.3	0.3	0.0	1.1	22	18	
Foreign	2.4	4.1	6.9	0.4	21.9	25	14	
Exports								
World	9.6	16.3	1.8	0.1	7.5	28	12	
U.S.	11.3	19.2	0.2	0.0	1.0	19	18	
Foreign	10.5	17.8	1.8	0.1	7.1	28	11	
Domestic Use								
World	1.9	3.2	4.9	0.0	20.3	26	14	
U.S.	8.6	14.6	0.2	0.0	0.6	17	22	
Foreign	1.9	3.2	4.9	0.0	20.8	27	12	
Ending Stocks								
World	14.5	24.5	7.4	0.2	26.7	28	12	
U.S.	33.0	56.0	0.3	0.0	0.9	21	17	
Foreign	15.6	26.6	7.6	0.4	26.4	28	11	

1/ Footnotes at end of table.

CONTINUED

## WASDE - 613 - 36

## Reliability of June Projections (Continued) 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
SOYBEANS	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	NA	NA	11.1	0.1	27.9	7	10
U.S.	9.1	15.4	4.8	0.0	16.2	21	19
Foreign	NA	NA	8.0	0.2	23.9	6	10
Exports							
World	NA	NA	5.6	0.5	12.1	10	7
U.S.	15.5	26.4	3.5	0.3	14.0	22	18
Foreign	NA	NA	4.2	0.4	11.4	11	5
Domestic Use							
World	NA	NA	6.9	0.3	17.0	7	10
U.S.	6.1	10.4	1.9	0.1	7.2	25	15
Foreign	NA	NA	6.2	0.4	13.0	7	9
Ending Stocks							
World	NA	NA	8.6	0.1	26.2	8	9
U.S.	67.6	114.8	3.5	0.4	16.6	13	27
Foreign	NA	NA	6.3	0.3	19.1	9	7
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	6.0	10.2	4.2	0.0	16.4	22	17
U.S.	11.5	19.5	1.6	0.1	5.7	19	21
Foreign	6.0	10.2	3.2	0.2	12.4	22	17
Exports							
World	10.4	17.6	2.3	0.1	12.4	23	17
U.S.	29.0	49.3	1.4	0.1	4.0	24	16
Foreign	13.1	22.3	1.8	0.1	9.9	21	18
Domestic Use							
World	5.4	9.2	3.5	0.1	20.3	16	24
U.S.	10.2	17.3	0.5	0.0	1.4	17	22
Foreign	5.5	9.4	3.5	0.0	19.9	19	20
Ending Stocks							
World	17.2	29.2	6.8	0.5	19.9	26	14
U.S.	46.1	78.3	1.5	0.1	4.7	19	21
Foreign	16.4	27.9	5.7	0.3	19.2	27	12

1/ Marketing years 1981/82 through 2020/21 for grains, soybeans (U.S. only), and cotton. Marketing years 2009/10 through 2020/21 for global and foreign soybeans. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2019/20, and for 2020/21 the last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

## WASDE - 613 - 37

## Reliability of United States June Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
<b>CORN</b>	<i>Percent</i>		<i>Million Bushels</i>				
Production	16.0	27.2	796	8	4,010	20	20
Exports	30.3	51.5	312	38	1,150	19	21
Domestic Use	13.2	22.3	446	0	5,888	23	16
Ending Stocks	65.0	110.3	613	32	2,091	22	18
<b>SORGHUM</b>							
Production	19.7	33.5	83	0	228	20	19
Exports	41.3	70.1	49	0	190	19	20
Domestic Use	27.8	47.3	55	0	140	17	22
Ending Stocks	66.8	113.3	45	0	191	14	25
<b>BARLEY</b>							
Production	14.0	23.8	26	1	206	16	24
Exports	75.9	128.7	13	0	92	21	15
Domestic Use	11.6	19.6	29	0	95	18	21
Ending Stocks	22.4	38.1	22	1	79	18	22
<b>OATS</b>							
Production	23.8	40.4	29	1	231	8	32
Exports	109.4	185.7	1	0	8	11	12
Domestic Use	10.5	17.8	20	0	160	13	25
Ending Stocks	30.2	51.2	16	0	77	12	26
<b>SOYBEAN MEAL</b>			<i>Thousand Short Tons</i>				
Production	5.6	9.5	1,302	57	4,919	26	14
Exports	17.3	29.4	984	50	2,650	26	14
Domestic Use	4.6	7.9	890	24	4,650	22	18
Ending Stocks	44.0	74.6	52	0	488	13	15
<b>SOYBEAN OIL</b>			<i>Million Pounds</i>				
Production	5.3	9.0	655	18	2,330	29	11
Exports	32.7	55.6	440	0	1,700	23	16
Domestic Use	4.2	7.2	484	0	2,100	24	15
Ending Stocks	37.0	62.7	447	0	1,432	20	19
<b>ANIMAL PROD.</b>			<i>Million Pounds</i>				
Beef	4.0	6.7	754	41	2,727	19	8
Pork	3.2	5.5	503	14	1,722	16	11
Broilers	2.3	3.9	629	55	1,465	11	16
Turkeys	3.9	6.6	162	2	478	12	15
			<i>Million Dozen</i>				
Eggs	1.5	2.6	100	2	259	19	8
			<i>Billion Pounds</i>				
Milk	1.6	2.7	2.3	0.2	7.0	14	13

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2020/21 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 2020/21. Calendar years 1994 through 2020 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1994-2020.

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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-613 – June 10, 2021**

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