

World Agricultural Supply and Demand Estimates

Office of the
Chief Economist

Agricultural Marketing Service
Farm Service Agency

Economic Research Service
Foreign Agricultural Service

WASDE - 623

Approved by the World Agricultural Outlook Board

April 8, 2022

NOTE: Russia's recent military action in Ukraine significantly increased the uncertainty of agricultural supply and demand conditions in the region and globally. The April *WASDE* represents an ongoing assessment of the short-term impacts as a result of this action.

WHEAT: The outlook for 2021/22 U.S. wheat this month is for stable supplies, lower domestic use, reduced exports, and higher ending stocks. Annual feed and residual use is lowered 10 million bushels to 100 million. The NASS *Grain Stocks* report, issued March 31, implied less feed and residual disappearance for the third quarter that was partially offset by an upward revision to this category in the second quarter. Exports are lowered 15 million bushels to 785 million as the U.S. remains uncompetitive to most markets and exports would be the lowest since 2015/16. Projected 2021/22 ending stocks are raised 25 million bushels to 678 million but are still 20 percent lower than last year. The projected season-average farm price (SAFP) is raised \$0.10 per bushel to \$7.60 on NASS prices reported to date and expectations for cash and futures prices for the remainder of 2021/22. This would be the highest SAFP since 2012/13.

The global wheat outlook for 2021/22 is for slightly higher supplies, increased consumption, lower trade, and reduced ending stocks. Supplies are increased by 0.7 million tons to 1,069.5 million on a combination of higher beginning stocks for Pakistan, Brazil, and Saudi Arabia and higher production for Pakistan and Argentina more than offsetting lower EU production. Projected 2021/22 world consumption is raised 3.8 million tons to 791.1 million primarily on higher food, seed, and industrial (FSI) use for India. Based on greater offtake from government stocks to food distribution programs, India's FSI is raised 4.4 million tons to a record 100.9 million.

Projected 2021/22 global trade is lowered 3.0 million tons to 200.1 million as lower exports by the EU, Ukraine, the United States, and Kazakhstan are not completely offset by higher exports by Russia, Brazil, and Argentina. EU exports are reduced 3.5 million tons to 34.0 million on a lower-than-expected pace. Russia's exports are raised 1.0 million tons to 33.0 million as it continues to export at competitive prices. Ukraine's exports are lowered 1.0 million tons to 19.0 million as its Black Sea ports remain closed since the invasion by Russia in February. The majority of Ukraine's exports have already been shipped with limited additional amounts expected for the remainder of 2021/22. Projected 2021/22 world ending stocks are lowered 3.1 million tons to 278.4 million with India accounting for most of the reduction that is only partially offset by higher EU stocks. Global stocks are projected at a 5-year low.

COARSE GRAINS: This month's 2021/22 U.S. corn outlook is for offsetting changes to feed and residual use and corn used for ethanol production, with unchanged ending stocks. Feed and residual use is lowered 25 million bushels to 5.625 billion based on indicated

disappearance during the December-February quarter. Corn used to produce ethanol is raised 25 million bushels based on the most recent data from the *Grain Crushings and Co-Products Production* report, and the pace of weekly ethanol production during March as indicated by Energy Information Administration data. With offsetting use changes, ending stocks are unchanged at 1.440 billion bushels. The season-average farm price is raised 15 cents to \$5.80 per bushel based on observed prices to date.

Global coarse grain production for 2021/22 is forecast 2.7 million tons higher to 1,501.6 million. This month's 2021/22 foreign coarse grain outlook is for higher production, reduced trade, and larger ending stocks relative to last month. Foreign corn production is forecast higher with increases for Brazil, Indonesia, Pakistan, and the EU. For Brazil, production is raised reflecting increased area; yield expectations are essentially unchanged this month as much of the second crop will enter the critical phase of development during April. Indonesia corn production is higher as greater area more than offsets a slight reduction to yield. Corn production is raised for the EU, mostly reflecting increases for Germany, Romania, and the Czech Republic. Foreign barley production is lower with reductions for the EU and Tunisia.

Major global trade changes include lower forecast corn exports for Ukraine, Serbia, and Paraguay, with increases for Brazil, Canada, and India. Corn imports are lowered for China, Chile, and Bangladesh, but raised for Iran. Foreign corn ending stocks are higher, mostly reflecting increases for Ukraine, Serbia, the EU, and Indonesia that are partly offset by a reduction for Canada. Global corn ending stocks, at 305.5 million tons, are up 4.5 million from last month.

RICE: This month's supply and demand outlook for 2021/22 U.S. rice is unchanged from last month but there are offsetting by-class changes for domestic use and residual. Based on the NASS *Rice Stocks* report, long-grain domestic use is raised 2.0 million cwt to 115.0 million and medium- and short-grain is reduced 2.0 million cwt to 30.5 million. The season-average farm price for all rice is lowered \$0.20 per cwt to \$15.70 on lower-than-expected prices reported by NASS for February for long-grain and expectations regarding prices and marketings for the remainder of 2021/22.

The 2021/22 global outlook is for lower supplies, increased trade, fractionally higher use, and reduced ending stocks. Global production is decreased by 1.0 million tons to 513.0 million, primarily on a lower estimate for Indonesia. Indonesia's 2021/22 rice production is lowered 1.0 million tons to 34.4 million, on lower area for its main-season rice crop that was mostly harvested in February and March. Global trade in 2021/22 is raised 1.1 million tons to 52.5 million, with increased exports for India, Burma, Pakistan, and Thailand. India's rice exports for 2021/22 are increased 0.5 million tons to a record 21.0 million on a strong pace of exports to date. China's imports are increased 0.6 million tons to 5.2 million in 2021/22 based mostly on a continued strong pace of broken rice imports, which are mostly expected for feed use. Total global use is raised 0.1 million tons to 511.2 million, as increases for China and the Philippines offset a decrease for Indonesia. World ending stocks are projected 1.7 million tons lower to 188.8 million, primarily on decreases for Indonesia and India. Despite the reduction, ending stocks would still be a record high, led by China and India which would hold 60 and 22 percent of global ending stocks respectively.

OILSEEDS: U.S. soybean supply and use changes for 2021/22 include increased exports and seed use, and lower ending stocks. Soybean exports are raised 25 million bushels to

2.12 billion, partly offsetting lower exports from Brazil, Ukraine, and Russia. Seed use is raised in line with record soybean plantings indicated in the March 31 *Prospective Plantings* report. Soybean ending stocks are projected at 260 million bushels, down 25 million from last month. Soybean oil changes include increased exports and lower ending stocks. Despite relatively high soybean oil prices, export sales have been stronger than expected through March. A lower soybean meal export forecast is offset by slightly higher domestic disappearance.

The season-average soybean price forecast is unchanged this month at \$13.25 per bushel. Soybean meal prices are also unchanged at \$420 per short ton. The soybean oil price is projected at 70.0 cents per pound, up 2 cents.

The 2021/22 global soybean supply and demand forecasts include lower production, crush, trade, and ending stocks. Global soybean production is reduced 3.1 million tons to 350.7 million on lower crops for Brazil and Paraguay. Soybean crush is lowered for Paraguay on lower supplies and reduced for China on the current pace to date. China's soybean imports are also lowered 3 million tons to 91 million. Lower soybean exports for Brazil, Paraguay, Russia, and Ukraine are partly offset by higher U.S. shipments. Global soybean stocks are lowered 0.4 million tons to 89.6 million mainly on lower U.S. and Argentine stocks.

Another notable oilseed change this month includes lower sunflower seed crush for Ukraine, leading to lower meal and oil supplies for major markets like India, China, the EU, and Turkey. Partly offsetting these declines are higher palm and rapeseed oil imports for China, higher soybean oil imports for India, higher soybean meal imports for Turkey, and higher soybean imports for the EU.

SUGAR: USDA projects that decreases in 2021/22 U.S. sugar supply combined with an increase in use lowers ending stocks to 1,566,978 short tons, raw value (STRV) for an ending stocks-to-use ratio of 12.53 percent.

U.S. sugar supply for 2021/22 is decreased 60,343 STRV as decreases in sugar production are only mildly offset by an increase in high-tier tariff imports. Beet sugar production is decreased by 50,670 STRV to 5,338,098. About half of the reduction is attributable to lower production expected out of Michigan due to increased beet pile shrink reported by processors this month and fewer sugarbeets imported from Canada for processing than originally expected. With production in the Red River Valley region expected to run unusually long into the first week of June, production is reduced marginally to reflect increased risk to sugarbeets stored in increasingly warmer conditions. Also, production in California is expected to be slightly lower than originally forecast. Beet campaigns in the Pacific Northwest and Great Plains are planned to be over by the date of this *WASDE* and their production estimates made in late March have been incorporated into projected beet sugar production. Florida sugar production is decreased 22,335 STRV to 1,937,235 based on lower sucrose recovery from processors' continuing analyses of the effect of late January freezes on the crop. Texas sugar production is reduced by 2,000 STRV to 128,000 based on processor reporting. High-tier tariff imports are increased by 14,662 STRV on recorded entries of raw sugar in the first two months of 2022. Projected high-tier tariff imports of refined sugar are unchanged from last month.

U.S. sugar deliveries for human consumption are increased by 65,000 STRV to 12,365,000 based on strong to-date deliveries by beet processors and on higher-than-expected direct consumption imports through the end of February.

Sugar production for 2021/22 in Mexico is increased by 187,690 metric tons (MT) to 6,166,690. Analysis of production data through week 26 (March 26) of the campaign implies that sugarcane yield and sucrose recovery will likely be higher than forecast but area harvest is likely to be about 10,000 hectares lower. The new forecast for yield is 69.038 MT per hectare; recovery is 11.29 percent; and area harvested is 791,383 hectares. This projection is close to the third estimate recently released by CONADESUCA in Mexico. They estimate production at 6,174,813 MT. They project a higher area harvested than USDA, a lower yield, and about the same level of recovery. Sugar exports are projected to increase by the same amount as the production increase. Exports under license to the United States are unchanged from last month.

LIVESTOCK, POULTRY, AND DAIRY: The 2022 forecast for total red meat and poultry production is lowered from last month, as reduced forecasts for pork and poultry offset a higher forecast for beef. The beef production forecast is raised from the previous month as higher expected first quarter placements support larger fed cattle slaughter and more non-fed cattle slaughter is expected. Pork production is lowered based on the *Quarterly Hogs and Pigs* report, released on March 30, which estimated the March 1 inventory and indicated producers' intentions to reduce farrowings in March-May. Broiler production is reduced on lower expected slaughter in the first quarter. No changes are made to production in the outlying quarters. Turkey meat production is lowered as Highly Pathogenic Avian Influenza (HPAI) discoveries to date are resulting in tighter supplies of turkeys. Egg production is also lowered as HPAI detections to date have affected the laying flock.

For 2022, beef imports are forecast higher from last month based on recent trade data. Pork imports are raised while exports are reduced on tight supplies and strong domestic prices. The broiler export forecast is raised as import demand has been strong in the early part of the year. The turkey export forecast is reduced as HPAI discoveries are resulting in restrictions from areas affected by outbreaks.

Fed-cattle prices are unchanged from last month. Hog prices are raised on tighter supplies and continued strength in demand. Broiler prices are raised on current prices and continued strength in demand. Turkey and egg price forecasts are raised on current prices and expected tighter supplies.

The milk production forecast for 2022 is raised on higher dairy cow numbers. The fat basis import forecast is lowered on lower expected imports of cheese and butterfat products, while exports are raised on stronger cheese and butter shipments. On a skim-solids basis, the import forecast is raised as imports of milk proteins are projected to more than offset weaker projected cheese imports. Exports are raised on higher projected shipments for whey and skim milk powder.

Price forecasts for cheese and butter were raised from the previous month on tighter stocks and firm demand. Non-fat dry milk prices were raised fractionally while whey prices were lowered, as U.S. prices are expected to become competitive with international prices. With the higher cheese price more than offsetting a lower whey price, the Class III price is raised.

The Class IV price is raised on higher butter and nonfat dry milk. The 2022 all milk price forecast is increased to \$25.80 per cwt.

COTTON: The U.S. cotton 2021/22 supply and demand forecasts are unchanged from last month. The marketing year price received by upland cotton producers is projected at a record 91 cents per pound, up 1 cent, reflecting recent high prices. The February 2022 upland farm price reached a record 100 cents per pound.

Month-to-month changes in the global 2021/22 cotton estimates are also small, with higher production and lower consumption resulting in an 800,000-bale increase in ending stocks, to 83.4 million. Production is forecast 340,000 bales higher, with increases for Pakistan and Greece. A 500,000-bale decline in China's expected consumption resulted in a similar decline in the global estimate, which now stands at 124.1 million. A 300,000-bale decline in both China's and Pakistan's import forecasts are only partly offset by a 150,000-bale increase for Turkey. World trade is projected about 450,000 bales lower this month, with exports projected lower for India, Brazil, and Malaysia.

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, appearing to read "Seth Meyer", with a long, sweeping horizontal line extending to the right.

SETH MEYER
SECRETARY OF AGRICULTURE DESIGNATE

INTERAGENCY COMMODITY ESTIMATES COMMITTEES



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
Andrew Sowell, ERS; Rachel Trego, FAS; Pete Riley, FPAC.

Rice: Mark Simone, ICEC Chair, WAOB, mark.simone@usda.gov
Nathan Childs, ERS; Rachel Trego, FAS; Pete Riley, FPAC.

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

Oilseeds: Keith Menzie, ICEC Chair, WAOB, keith.menzie@usda.gov
Maria Bukowski, ERS; Bill George, FAS; Gustavo Ferreira, FPAC.

Cotton: Stephen MacDonald, ICEC Chair, WAOB, stephen.macdonald3@usda.gov
Leslie Meyer, ERS; Graham Soley, FAS; Kent Lanclos, FPAC.

Sugar: Stephen Haley, ICEC Chair, WAOB, stephen.haley2@usda.gov
Vida Abadam, ERS; Souleymane Diaby, FAS; Barbara Fecso, FPAC.

Meat Animals: Shayle Shagam, ICEC Chair, WAOB, 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
Peyton Ferrier, AMS; Grace Grossen, ERS; Claire Mezoughem, FAS; Georgi Gabrielyan, FPAC.

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

<p>In 2022 the WASDE report will be released on May 12, Jun 10, Jul 12, Aug 12, Sep 12, Oct 12, Nov 9, and Dec 9.</p>
--

TABLE OF CONTENTS

	Page
Highlights.....	1
Interagency Commodity Estimates Committees.....	6
World & U.S. Supply & Use for Grains.....	8
World & U.S. Supply & Use for Cotton.....	9
World & U.S. Supply & Use for Oilseeds	10
U.S. Wheat Supply & Use	11
U.S. Wheat Supply & Use by Class	11
U.S. Feed Grain & Corn Supply & Use	12
U.S. Sorghum, Barley & Oats Supply & Use.....	13
U.S. Rice Supply & Use	14
U.S. Soybeans & Products Supply & Use	15
U.S. Sugar Supply & Use	16
Mexico Sugar Supply and Use	16
U.S. Cotton Supply & Use	17
World Wheat Supply & Use	18
World Coarse Grains Supply & Use.....	20
World Corn Supply & Use	22
World Rice Supply & Use	24
World Cotton Supply & Use.....	26
World Soybean Supply & Use	28
World Soybean Meal Supply & Use.....	29
World Soybean Oil Supply & Use	30
U.S. Quarterly Animal Product Production.....	31
U.S. Quarterly Prices for Animal Products	31
U.S. Meats Supply and Use	32
U.S. Egg Supply & Use	33
U.S. Milk Supply and Use	33
U.S. Dairy Prices	34
Reliability Tables.....	35
Related USDA Reports	38
Metric Conversion Factors	38
Electronic Access and Subscriptions.....	40

WASDE - 623 - 8

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

World			Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2019/20		2678.88	3488.55	448.03	2673.36	815.18
	2020/21 (Est.)		2721.70	3536.88	485.74	2737.89	798.99
	2021/22 (Proj.)	Mar	2791.48	3589.97	504.47	2791.88	798.09
		Apr	2793.41	3592.40	499.49	2794.93	797.47
Wheat	2019/20		762.37	1043.58	193.87	746.75	296.83
	2020/21 (Est.)		776.26	1073.09	202.64	782.43	290.67
	2021/22 (Proj.)	Mar	778.52	1068.80	203.11	787.28	281.51
		Apr	778.83	1069.50	200.10	791.08	278.42
Coarse Grains 5/	2019/20		1417.68	1769.53	210.73	1432.82	336.72
	2020/21 (Est.)		1436.59	1773.31	232.34	1451.96	321.35
	2021/22 (Proj.)	Mar	1498.89	1819.60	250.02	1493.54	326.06
		Apr	1501.55	1822.90	246.93	1492.66	330.24
Rice, milled	2019/20		498.82	675.43	43.43	493.79	181.64
	2020/21 (Est.)		508.84	690.48	50.76	503.50	186.98
	2021/22 (Proj.)	Mar	514.07	701.58	51.34	511.06	190.52
		Apr	513.03	700.01	52.46	511.19	188.82
United States							
Total Grains 4/	2019/20		417.89	516.29	79.82	355.75	80.73
	2020/21 (Est.)		429.86	516.87	107.45	351.02	58.40
	2021/22 (Proj.)	Mar	449.59	513.99	96.15	359.84	58.00
		Apr	449.59	513.99	95.71	359.80	58.48
Wheat	2019/20		52.58	84.79	26.37	30.44	27.99
	2020/21 (Est.)		49.75	80.46	26.99	30.48	23.00
	2021/22 (Proj.)	Mar	44.79	70.38	21.77	30.84	17.77
		Apr	44.79	70.38	21.36	30.56	18.45
Coarse Grains 5/	2019/20		359.43	423.01	50.46	320.73	51.83
	2020/21 (Est.)		372.89	427.19	77.48	315.70	34.01
	2021/22 (Proj.)	Mar	398.71	435.17	71.65	324.38	39.13
		Apr	398.71	435.17	71.62	324.62	38.93
Rice, milled	2019/20		5.88	8.49	2.99	4.59	0.91
	2020/21 (Est.)		7.22	9.22	2.98	4.85	1.39
	2021/22 (Proj.)	Mar	6.09	8.45	2.73	4.62	1.10
		Apr	6.09	8.45	2.73	4.62	1.10

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 - 623 - 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		2,260.99	2,972.25	368.21	2,317.61	734.46
	2020/21 (Est.)		2,291.83	3,020.01	378.29	2,386.86	740.59
	2021/22 (Proj.)	Mar	2,341.90	3,075.98	408.32	2,432.04	740.10
		Apr	2,343.82	3,078.41	403.78	2,435.13	738.99
Wheat	2019/20		709.79	958.79	167.50	716.32	268.85
	2020/21 (Est.)		726.51	992.63	175.66	751.95	267.67
	2021/22 (Proj.)	Mar	733.73	998.42	181.34	756.45	263.74
		Apr	734.04	999.12	178.74	760.52	259.97
Coarse Grains 5/	2019/20		1,058.25	1,346.52	160.28	1,112.09	284.89
	2020/21 (Est.)		1,063.70	1,346.11	154.86	1,136.26	287.33
	2021/22 (Proj.)	Mar	1,100.19	1,384.43	178.37	1,169.16	286.93
		Apr	1,102.85	1,387.73	175.31	1,168.04	291.30
Rice, milled	2019/20		492.95	666.94	40.44	489.21	180.73
	2020/21 (Est.)		501.62	681.26	47.77	498.65	185.60
	2021/22 (Proj.)	Mar	507.98	693.13	48.61	506.44	189.43
		Apr	506.94	691.56	49.73	506.57	187.72

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		121.02	201.25	41.08	103.73	97.05
	2020/21 (Est.)		111.81	208.86	48.53	122.01	87.35
	2021/22 (Proj.)	Mar	119.85	207.17	46.27	124.54	82.57
		Apr	120.20	207.55	45.83	124.07	83.38
United States	2019/20		19.91	24.77	15.51	2.15	7.25
	2020/21 (Est.)		14.61	21.86	16.37	2.40	3.15
	2021/22 (Proj.)	Mar	17.62	20.78	14.75	2.55	3.50
		Apr	17.62	20.78	14.75	2.55	3.50
Foreign 4/	2019/20		101.11	176.48	25.56	101.58	89.80
	2020/21 (Est.)		97.20	187.00	32.15	119.61	84.20
	2021/22 (Proj.)	Mar	102.23	186.39	31.52	121.99	79.07
		Apr	102.57	186.77	31.08	121.52	79.88

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 - 623 - 10

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

World			Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2019/20		581.13	716.24	190.95	508.06	114.09
	2020/21 (Est.)		605.68	719.76	191.43	507.98	117.56
	2021/22 (Proj.)	Mar	601.62	716.98	181.32	514.01	104.34
		Apr	599.21	716.77	177.68	510.54	106.41
Oilmeals	2019/20		346.47	366.59	95.74	340.36	20.24
	2020/21 (Est.)		348.32	368.56	96.69	344.42	18.68
	2021/22 (Proj.)	Mar	351.08	369.24	95.39	346.97	16.81
		Apr	348.79	367.48	94.68	344.59	17.31
Vegetable Oils	2019/20		207.23	234.47	87.24	201.75	28.43
	2020/21 (Est.)		206.51	234.94	85.30	204.99	26.67
	2021/22 (Proj.)	Mar	211.44	237.31	87.00	209.08	24.17
		Apr	212.04	238.71	85.61	208.92	26.07
United States							
Oilseeds	2019/20		106.98	134.74	46.97	63.04	15.96
	2020/21 (Est.)		124.49	141.66	62.64	62.66	8.61
	2021/22 (Proj.)	Mar	130.59	140.26	57.86	64.11	9.33
		Apr	130.59	140.21	58.57	64.11	8.66
Oilmeals	2019/20		48.76	53.31	12.83	40.09	0.39
	2020/21 (Est.)		48.25	53.01	12.71	39.92	0.39
	2021/22 (Proj.)	Mar	49.32	53.26	13.31	39.51	0.44
		Apr	49.27	53.26	13.11	39.71	0.44
Vegetable Oils	2019/20		12.64	18.71	1.50	16.00	1.21
	2020/21 (Est.)		12.70	18.86	1.04	16.53	1.29
	2021/22 (Proj.)	Mar	13.09	19.43	0.94	17.21	1.28
		Apr	13.09	19.50	0.99	17.25	1.26
Foreign 3/							
Oilseeds	2019/20		474.15	581.51	143.98	445.03	98.13
	2020/21 (Est.)		481.18	578.10	128.79	445.32	108.95
	2021/22 (Proj.)	Mar	471.03	576.72	123.46	449.90	95.00
		Apr	468.62	576.56	119.11	446.43	97.75
Oilmeals	2019/20		297.71	313.29	82.91	300.27	19.85
	2020/21 (Est.)		300.08	315.55	83.98	304.50	18.29
	2021/22 (Proj.)	Mar	301.76	315.98	82.08	307.46	16.38
		Apr	299.52	314.22	81.56	304.88	16.87
Vegetable Oils	2019/20		194.59	215.76	85.74	185.75	27.22
	2020/21 (Est.)		193.81	216.08	84.26	188.47	25.37
	2021/22 (Proj.)	Mar	198.35	217.88	86.06	191.87	22.89
		Apr	198.95	219.21	84.62	191.67	24.80

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

WASDE - 623 - 11

U.S. Wheat Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj. Mar	2021/22 Proj. Apr
			<i>Million Acres</i>	
Area Planted	45.5	44.5	46.7	46.7
Area Harvested	37.4	36.8	37.2	37.2
			<i>Bushels</i>	
Yield per Harvested Acre	51.7	49.7	44.3	44.3
			<i>Million Bushels</i>	
Beginning Stocks	1,080	1,028	845	845
Production	1,932	1,828	1,646	1,646
Imports	104	100	95	95
Supply, Total	3,116	2,957	2,586	2,586
Food	962	961	959	959
Seed	62	64	64	64
Feed and Residual	95	95	110	100
Domestic, Total	1,118	1,120	1,133	1,123
Exports	969	992	800	785
Use, Total	2,087	2,111	1,933	1,908
Ending Stocks	1,028	845	653	678
Avg. Farm Price (\$/bu) 2/	4.58	5.05	7.50	7.60

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
				<i>Million</i>	<i>Bushels</i>		
2020/21 (Est.)	Beginning Stocks	506	280	105	95	42	1,028
	Production	659	531	266	303	69	1,828
	Supply, Total 3/	1,169	858	376	404	148	2,957
	Domestic Use	402	339	222	64	93	1,120
	Exports	340	284	69	270	28	992
	Use, Total	742	623	291	334	121	2,111
	Ending Stocks, Total	428	235	85	70	27	845
2021/22 (Proj.)	Beginning Stocks	428	235	85	70	27	845
	Production	749	297	361	201	37	1,646
	Supply, Total 3/	1,182	572	451	276	105	2,586
	Domestic Use	507	243	229	80	65	1,123
	Exports	310	205	110	145	15	785
	Use, Total	817	448	339	225	80	1,908
	Ending Stocks, Total	366	124	112	51	25	678
	Apr	356	124	97	51	25	653
	Mar						

Note: Totals may not add due to rounding. 1/ Marketing year beginning June 1. 2/ Marketing-year weighted average price received by farmers. 3/ Includes imports.

WASDE - 623 - 12

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

FEED GRAINS	2019/20	2020/21 Est.	2021/22 Proj. Mar	2021/22 Proj. Apr
	<i>Million Acres</i>			
Area Planted	100.6	102.3	105.9	105.9
Area Harvested	89.1	90.6	94.5	94.5
	<i>Metric Tons</i>			
Yield per Harvested Acre	4.03	4.11	4.22	4.22
	<i>Million Metric Tons</i>			
Beginning Stocks	60.5	51.8	34.0	34.0
Production	359.2	372.6	398.5	398.5
Imports	2.8	2.2	2.2	2.2
Supply, Total	422.4	426.6	434.6	434.6
Feed and Residual	154.3	146.3	147.6	147.1
Food, Seed & Industrial	165.9	168.9	176.3	177.0
Domestic, Total	320.2	315.2	323.9	324.1
Exports	50.4	77.5	71.6	71.6
Use, Total	370.6	392.6	395.5	395.7
Ending Stocks	51.8	34.0	39.1	38.9
CORN				
	<i>Million Acres</i>			
Area Planted	89.7	90.7	93.4	93.4
Area Harvested	81.3	82.3	85.4	85.4
	<i>Bushels</i>			
Yield per Harvested Acre	167.5	171.4	177.0	177.0
	<i>Million Bushels</i>			
Beginning Stocks	2,221	1,919	1,235	1,235
Production	13,620	14,111	15,115	15,115
Imports	42	24	25	25
Supply, Total	15,883	16,055	16,375	16,375
Feed and Residual	5,900	5,598	5,650	5,625
Food, Seed & Industrial 2/	6,286	6,470	6,785	6,810
Ethanol & by-products 3/	4,857	5,033	5,350	5,375
Domestic, Total	12,186	12,068	12,435	12,435
Exports	1,777	2,753	2,500	2,500
Use, Total	13,963	14,821	14,935	14,935
Ending Stocks	1,919	1,235	1,440	1,440
Avg. Farm Price (\$/bu) 4/	3.56	4.53	5.65	5.80

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at www.ers.usda.gov/data-products/feed-grains-database.aspx. 3/ Corn processed in ethanol plants to produce ethanol and by-products including distillers' grains, corn gluten feed, corn gluten meal, and corn oil. 4/ Marketing-year weighted average price received by farmers.

WASDE - 623 - 13

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

SORGHUM	2019/20	2020/21 Est.	2021/22 Proj. Mar	2021/22 Proj. Apr
	<i>Million Bushels</i>			
Area Planted (mil. acres)	5.3	5.9	7.3	7.3
Area Harvested (mil. acres)	4.7	5.1	6.5	6.5
Yield (bushels/acre)	73.0	73.2	69.0	69.0
Beginning Stocks	64	30	20	20
Production	341	373	448	448
Imports	0	0	0	0
Supply, Total	405	403	468	468
Feed and Residual	97	92	115	115
Food, Seed & Industrial	75	7	10	15
Total Domestic	172	99	125	130
Exports	203	284	310	310
Use, Total	375	383	435	440
Ending Stocks	30	20	33	28
Avg. Farm Price (\$/bu) 2/	3.34	5.04	5.80	5.85
BARLEY				
Area Planted (mil. acres)	2.8	2.7	2.7	2.7
Area Harvested (mil. acres)	2.2	2.2	1.9	1.9
Yield (bushels/acre)	77.7	77.2	60.4	60.4
Beginning Stocks	87	80	71	71
Production	172	171	118	118
Imports	7	7	11	11
Supply, Total	266	258	200	200
Feed and Residual	38	26	15	20
Food, Seed & Industrial	142	147	115	115
Total Domestic	180	172	130	135
Exports	6	14	11	9
Use, Total	186	186	141	144
Ending Stocks	80	71	59	56
Avg. Farm Price (\$/bu) 2/	4.69	4.75	5.25	5.25
OATS				
Area Planted (mil. acres)	2.8	3.0	2.6	2.6
Area Harvested (mil. acres)	0.8	1.0	0.7	0.7
Yield (bushels/acre)	64.3	65.1	61.3	61.3
Beginning Stocks	38	37	38	38
Production	53	66	40	40
Imports	92	85	77	77
Supply, Total	183	188	155	155
Feed and Residual	63	68	45	45
Food, Seed & Industrial	82	78	80	80
Total Domestic	144	147	125	125
Exports	2	3	2	3
Use, Total	146	150	127	128
Ending Stocks	37	38	28	27
Avg. Farm Price (\$/bu) 2/	2.82	2.77	4.20	4.30

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers.

WASDE - 623 - 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. Mar	2021/22 Proj. Apr
	<i>Million Acres</i>			
Area Planted	2.55	3.04	2.53	2.53
Area Harvested	2.48	2.99	2.49	2.49
	<i>Pounds</i>			
Yield per Harvested Acre	7,473	7,619	7,709	7,709
	<i>Million Hundredweight</i>			
Beginning Stocks 2/	44.9	28.7	43.7	43.7
Production	185.1	227.5	191.8	191.8
Imports	37.3	34.1	30.5	30.5
Supply, Total	267.3	290.2	266.0	266.0
Domestic & Residual 3/	144.4	152.7	145.5	145.5
Exports, Total 4/	94.2	93.9	86.0	86.0
Rough	31.3	34.6	34.0	34.0
Milled (rough equiv.)	62.9	59.3	52.0	52.0
Use, Total	238.6	246.6	231.5	231.5
Ending Stocks	28.7	43.7	34.5	34.5
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	13.60	14.40	15.90	15.70

LONG-GRAIN RICE

Harvested Acres (mil.)	1.73	2.30	1.94	1.94
Yield (pounds/acre)	7,261	7,422	7,471	7,471
Beginning Stocks	32.6	16.9	29.7	29.7
Imports	29.8	27.4	24.0	24.0
Production	125.6	170.8	144.6	144.6
Supply, Total 7/	188.0	215.1	198.4	198.4
Domestic & Residual 3/	106.3	120.2	113.0	115.0
Exports 8/	64.8	65.1	64.0	64.0
Use, Total	171.1	185.3	177.0	179.0
Ending Stocks	16.9	29.7	21.4	19.4
Avg. Farm Price (\$/cwt) 6/	12.00	12.60	14.00	13.80

MEDIUM & SHORT-GRAIN RICE

Harvested Acres (mil.)	0.75	0.69	0.55	0.55
Yield (pounds/acre)	7,964	8,282	8,543	8,543
Beginning Stocks	10.2	10.7	11.5	11.5
Imports	7.6	6.7	6.5	6.5
Production	59.5	56.7	47.2	47.2
Supply, Total 7/	78.3	72.7	65.1	65.1
Domestic & Residual 3/	38.2	32.4	32.5	30.5
Exports 8/	29.4	28.8	22.0	22.0
Use, Total	67.6	61.2	54.5	52.5
Ending Stocks	10.7	11.5	10.6	12.6
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.20	20.10	21.60	21.50
California 10/	21.60	22.60	25.00	25.00
Other States 1/	11.60	13.00	14.40	14.00

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

WASDE - 623 - 15

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

SOYBEANS	2019/20	2020/21 Est.	2021/22 Proj. Mar	2021/22 Proj. Apr
	<i>Million Acres</i>			
Area Planted	76.1	83.4	87.2	87.2
Area Harvested	74.9	82.6	86.3	86.3
	<i>Bushels</i>			
Yield per Harvested Acre	47.4	51.0	51.4	51.4
	<i>Million Bushels</i>			
Beginning Stocks	909	525	257	257
Production	3,552	4,216	4,435	4,435
Imports	15	20	15	15
Supply, Total	4,476	4,761	4,707	4,707
Crushings	2,165	2,141	2,215	2,215
Exports	1,679	2,261	2,090	2,115
Seed	97	101	102	106
Residual	11	1	15	12
Use, Total	3,952	4,504	4,422	4,447
Ending Stocks	525	257	285	260
Avg. Farm Price (\$/bu) 2/	8.57	10.80	13.25	13.25
SOYBEAN OIL				
	<i>Million Pounds</i>			
Beginning Stocks	1,775	1,853	2,131	2,131
Production 4/	24,911	25,023	26,205	26,205
Imports	320	302	450	450
Supply, Total	27,006	27,177	28,786	28,786
Domestic Disappearance	22,317	23,323	25,085	25,085
Biofuel 3/	8,658	8,850	10,700	10,700
Food, Feed & other Industrial	13,659	14,473	14,385	14,385
Exports	2,837	1,723	1,625	1,725
Use, Total	25,154	25,046	26,710	26,810
Ending stocks	1,853	2,131	2,076	1,976
Avg. Price (c/lb) 2/	29.65	56.87	68.00	70.00
SOYBEAN MEAL				
	<i>Thousand Short Tons</i>			
Beginning Stocks	402	341	341	341
Production 4/	51,100	50,565	51,909	51,859
Imports	639	783	450	500
Supply, Total	52,142	51,689	52,700	52,700
Domestic Disappearance	37,967	37,580	37,900	38,100
Exports	13,834	13,768	14,400	14,200
Use, Total	51,801	51,348	52,300	52,300
Ending Stocks	341	341	400	400
Avg. Price (\$/s.t.) 2/	299.50	392.31	420.00	420.00

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 2,134 million bushels for 2020/21 and 2,215 million bushels for 2021/22.

WASDE - 623 - 16

U.S. Sugar Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj. Mar	2021/22 Proj. Apr
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,783	1,618	1,705	1,705
Production 2/	8,149	9,233	9,384	9,309
Beet Sugar	4,351	5,092	5,389	5,338
Cane Sugar	3,798	4,141	3,996	3,971
Florida	2,106	2,090	1,960	1,937
Louisiana	1,566	1,918	1,906	1,906
Texas	126	134	130	128
Imports	4,165	3,195	3,043	3,058
TRQ 3/	2,152	1,749	1,568	1,568
Other Program 4/	432	292	250	250
Other 5/	1,581	1,154	1,225	1,240
Mexico	1,376	968	1,050	1,050
Total Supply	14,097	14,046	14,132	14,072
Exports	61	49	35	35
Deliveries	12,344	12,252	12,405	12,470
Food	12,246	12,135	12,300	12,365
Other 6/	98	116	105	105
Miscellaneous	74	40	0	0
Total Use	12,479	12,341	12,440	12,505
Ending Stocks	1,618	1,705	1,692	1,567
Stocks to Use Ratio	13.0	13.8	13.6	12.5

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 (114) and for 2021/22 (230). 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 2019/20 (206), 2020/21 (186), and 2021/22 (190). 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 -- 298; projected 2021/22 -- 314.

Mexico Sugar Supply and Use and High Fructose Corn Syrup Consumption 1/

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks
Sugar		<i>1,000 Metric Tons, Actual Weight</i>					
2020/21 Est.	Mar	858	5,715	65	4,420	1,165	1,053
	Apr	858	5,715	65	4,420	1,165	1,053
2021/22 Proj.	Mar	1,053	5,979	50	4,412	1,751	919
	Apr	1,053	6,167	50	4,412	1,939	919

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2019/20 = 1,388; Estimated 2020/21 = 1,320; Projected 2021/22 = 1,310; Estimated Oct - Feb 2022 = 516, Oct - Feb 2021 = 531. 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 (485 est = 451 dom. + 33 import); 2021/22 (497 proj = 462 dom. + 35 import). Statistical Adjustments: 2020/21 (0), 2021/22 (0).

WASDE - 623 - 17

U.S. Cotton Supply and Use 1/

	2019/20	2020/21 Est.	2021/22 Proj. Mar	2021/22 Proj. Apr
Area				
Planted	13.74	12.09	11.22	11.22
Harvested	11.50	8.27	9.97	9.97
Yield per Harvested Acre	831	847	849	849
Beginning Stocks	4.85	7.25	3.15	3.15
Production	19.91	14.61	17.62	17.62
Imports	0.00	0.00	0.01	0.01
Supply, Total	24.77	21.86	20.78	20.78
Domestic Use	2.15	2.40	2.55	2.55
Exports, Total	15.51	16.37	14.75	14.75
Use, Total	17.66	18.77	17.30	17.30
Unaccounted 2/	-0.15	-0.06	-0.02	-0.02
Ending Stocks	7.25	3.15	3.50	3.50
Avg. Farm Price 3/	59.6	66.3	90.0	91.0

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton.

WASDE - 623 - 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/	281.21	762.37	188.37	139.65	746.75	193.87	296.83
World Less China	143.12	628.77	182.99	120.65	620.75	192.82	146.82
United States	29.39	52.58	2.83	2.59	30.44	26.37	27.99
Total Foreign	251.83	709.79	185.54	137.06	716.32	167.50	268.85
Major Exporters 4/	37.35	308.48	7.55	73.87	179.65	141.35	32.38
Argentina	1.74	19.75	0.01	0.05	6.35	12.79	2.36
Australia	4.44	14.48	0.89	4.50	8.00	9.14	2.68
Canada	6.04	32.67	0.68	4.62	9.75	24.14	5.50
European Union 5/	15.80	138.80	5.55	45.50	107.25	39.79	13.11
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	21.02	1.50
Major Importers 6/	179.09	201.29	122.98	37.09	297.91	13.21	192.24
Bangladesh	1.26	1.20	6.80	0.30	7.50	0.00	1.76
Brazil	1.06	5.20	7.03	0.50	12.10	0.43	0.76
China	138.09	133.60	5.38	19.00	126.00	1.05	150.02
Japan	1.08	1.10	5.68	0.65	6.37	0.29	1.21
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/	11.13	20.95	18.68	3.60	38.47	0.78	11.51
Southeast Asia 9/	5.95	0.00	26.46	7.94	25.37	1.13	5.91
Selected Other							
India	16.99	103.60	0.02	6.00	95.40	0.51	24.70
Kazakhstan	1.71	11.45	0.58	1.30	6.10	6.99	0.66
United Kingdom	1.91	15.60	1.75	7.70	15.20	1.62	2.44
2020/21 Est.							
World 3/	296.83	776.26	194.77	157.70	782.43	202.64	290.67
World Less China	146.82	642.01	184.15	117.70	632.43	201.88	146.55
United States	27.99	49.75	2.73	2.59	30.48	26.99	23.00
Total Foreign	268.85	726.51	192.04	155.11	751.95	175.66	267.67
Major Exporters 4/	32.38	323.59	6.66	72.83	179.43	147.50	35.70
Argentina	2.36	17.64	0.01	0.05	6.35	11.53	2.12
Australia	2.68	33.30	0.20	4.50	8.00	23.85	4.33
Canada	5.50	35.18	0.55	4.18	9.13	26.43	5.67
European Union 5/	13.11	126.69	5.38	42.50	104.75	29.74	10.69
Russia	7.23	85.35	0.40	19.00	42.50	39.10	11.38
Ukraine	1.50	25.42	0.13	2.60	8.70	16.85	1.51
Major Importers 6/	192.24	201.19	124.86	57.38	323.67	12.62	182.00
Bangladesh	1.76	1.18	7.20	0.50	8.00	0.00	2.14
Brazil	0.76	6.25	6.40	0.40	11.90	0.93	0.58
China	150.02	134.25	10.62	40.00	150.00	0.76	144.12
Japan	1.21	1.00	5.49	0.65	6.25	0.30	1.15
N. Africa 7/	14.36	16.60	28.50	1.75	46.82	0.80	11.84
Nigeria	0.30	0.06	6.59	0.05	5.55	0.60	0.79
Sel. Mideast 8/	11.51	20.62	17.74	3.54	38.95	0.62	10.30
Southeast Asia 9/	5.91	0.00	25.64	7.09	24.85	1.14	5.56
Selected Other							
India	24.70	107.86	0.02	6.50	102.22	2.56	27.80
Kazakhstan	0.66	14.26	1.00	1.45	6.25	8.19	1.48
United Kingdom	2.44	9.66	3.22	5.96	13.46	0.45	1.42

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 - 623 - 19

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

2021/22 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	290.27	778.52	201.27	162.14	787.28	203.11	281.51
	Apr	290.67	778.83	197.15	162.23	791.08	200.10	278.42
World Less China	Mar	146.15	641.58	191.77	127.14	639.78	202.21	139.35
	Apr	146.55	641.88	187.65	127.23	643.58	199.20	136.25
United States	Mar	23.00	44.79	2.59	2.99	30.84	21.77	17.77
	Apr	23.00	44.79	2.59	2.72	30.56	21.36	18.45
Total Foreign	Mar	267.27	733.73	198.69	159.15	756.45	181.34	263.74
	Apr	267.67	734.04	194.57	159.51	760.52	178.74	259.97
Major Exporters 4/	Mar	35.96	325.61	6.00	77.55	184.05	146.50	37.02
	Apr	35.70	325.53	5.70	78.55	184.95	143.50	38.48
Argentina	Mar	2.12	20.50	0.00	0.05	6.55	14.00	2.08
	Apr	2.12	21.00	0.00	0.05	6.45	14.50	2.18
Australia	Mar	4.33	36.30	0.20	5.50	9.00	27.50	4.33
	Apr	4.33	36.30	0.20	5.50	9.00	27.50	4.33
Canada	Mar	5.69	21.65	0.60	4.50	9.50	15.50	2.94
	Apr	5.67	21.65	0.60	4.50	9.50	15.50	2.92
European Union 5/	Mar	10.93	139.00	4.80	45.50	107.65	37.50	9.58
	Apr	10.69	138.42	4.50	46.00	108.25	34.00	11.36
Russia	Mar	11.38	75.16	0.30	18.50	41.75	32.00	13.09
	Apr	11.38	75.16	0.30	18.50	41.75	33.00	12.09
Ukraine	Mar	1.51	33.00	0.10	3.50	9.60	20.00	5.01
	Apr	1.51	33.00	0.10	4.00	10.00	19.00	5.61
Major Importers 6/	Mar	181.56	204.60	134.05	55.11	326.60	13.42	180.19
	Apr	182.00	204.60	131.35	54.29	324.63	14.22	179.11
Bangladesh	Mar	2.14	1.13	7.50	0.60	8.50	0.00	2.27
	Apr	2.14	1.13	7.50	0.60	8.50	0.00	2.27
Brazil	Mar	0.43	7.70	6.70	0.80	12.50	1.70	0.63
	Apr	0.58	7.70	6.50	0.50	11.80	2.50	0.48
China	Mar	144.12	136.95	9.50	35.00	147.50	0.90	142.17
	Apr	144.12	136.95	9.50	35.00	147.50	0.90	142.17
Japan	Mar	1.05	1.10	5.60	0.63	6.30	0.30	1.15
	Apr	1.15	1.10	5.40	0.70	6.25	0.30	1.10
N. Africa 7/	Mar	11.84	21.59	28.20	1.97	47.92	0.61	13.10
	Apr	11.84	21.59	28.20	1.97	47.62	0.61	13.40
Nigeria	Mar	0.79	0.09	6.20	0.05	5.85	0.60	0.63
	Apr	0.79	0.09	6.20	0.05	5.85	0.60	0.63
Sel. Mideast 8/	Mar	10.10	16.49	24.35	4.07	39.60	0.71	10.64
	Apr	10.30	16.49	23.15	3.97	39.30	0.71	9.93
Southeast Asia 9/	Mar	5.56	0.00	26.40	7.70	25.64	1.16	5.16
	Apr	5.56	0.00	26.20	7.50	25.54	1.16	5.06
Selected Other								
India	Mar	27.80	109.59	0.03	7.00	103.50	8.50	25.42
	Apr	27.80	109.59	0.03	7.00	107.91	8.50	21.00
Kazakhstan	Mar	1.48	11.81	1.40	1.25	6.05	7.40	1.24
	Apr	1.48	11.81	1.40	1.45	6.25	7.00	1.44
United Kingdom	Mar	1.42	14.00	2.30	7.35	15.30	0.70	1.72
	Apr	1.42	14.00	2.30	7.35	15.30	0.70	1.72

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 - 623 - 20

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

2019/20	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	351.85	1,417.68	204.98	884.20	1,432.82	210.73	336.72
World Less China	141.19	1,148.62	187.50	682.48	1,136.61	210.69	135.76
United States	60.47	359.43	3.11	154.53	320.73	50.45	51.83
Total Foreign	291.38	1,058.25	201.87	729.67	1,112.09	160.28	284.89
Major Exporters 4/	19.49	307.77	4.59	134.48	179.12	128.50	24.24
Argentina	3.50	57.94	0.02	12.12	17.58	39.31	4.57
Australia	2.43	12.00	0.01	5.66	7.55	3.87	3.01
Brazil	5.67	105.82	2.32	61.71	72.84	35.14	5.82
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	8.99	11.99	34.08	2.55
Major Importers 5/	37.34	248.31	142.37	293.19	375.33	15.98	36.71
European Union 6/	14.51	152.82	19.42	119.90	158.94	13.65	14.16
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	64.98	73.45	0.69	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	210.66	269.07	17.48	201.72	296.21	0.04	200.96
2020/21 Est.							
World 3/	336.72	1,436.59	233.64	902.54	1,451.96	232.34	321.35
World Less China	135.76	1,167.51	183.11	681.59	1,138.85	232.34	113.89
United States	51.83	372.89	2.48	146.49	315.70	77.48	34.01
Total Foreign	284.89	1,063.70	231.17	756.05	1,136.26	154.86	287.33
Major Exporters 4/	24.24	296.09	5.48	133.66	179.76	126.26	19.79
Argentina	4.57	60.00	0.02	11.28	17.01	45.55	2.02
Australia	3.01	16.69	0.00	5.13	7.00	10.36	2.33
Brazil	5.82	90.96	3.35	62.52	73.96	21.04	5.14
Canada	3.98	29.64	1.90	16.73	24.68	7.23	3.61
Russia	1.87	41.40	0.09	21.47	31.04	10.42	1.90
Ukraine	2.55	39.59	0.07	9.25	12.41	28.15	1.65
Major Importers 5/	36.71	253.29	136.90	294.73	377.11	13.22	36.57
European Union 6/	14.16	155.35	15.87	120.29	159.67	11.45	14.26
Japan	1.74	0.23	16.98	13.45	17.29	0.00	1.66
Mexico	4.14	32.66	17.15	30.34	49.84	0.51	3.60
N. Afr & Mideast 7/	8.12	33.30	38.06	63.09	71.30	0.69	7.50
Saudi Arabia	1.72	0.19	10.03	10.25	10.61	0.00	1.33
Southeast Asia 8/	3.82	31.25	22.54	43.32	51.60	0.57	5.44
South Korea	2.02	0.22	11.80	9.47	12.03	0.00	2.02
Selected Other							
China	200.96	269.08	50.53	220.95	313.11	0.01	207.46

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 - 623 - 21

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

2021/22 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	320.70	1,498.89	235.00	922.82	1,493.54	250.02	326.06
	Apr	321.35	1,501.55	231.43	920.60	1,492.66	246.93	330.24
World Less China	Mar	113.25	1,218.04	187.65	688.67	1,168.99	249.97	115.00
	Apr	113.89	1,220.70	187.08	689.45	1,171.11	246.88	119.18
United States	Mar	34.01	398.71	2.44	147.76	324.38	71.65	39.13
	Apr	34.01	398.71	2.44	147.23	324.62	71.62	38.93
Total Foreign	Mar	286.69	1,100.19	232.55	775.07	1,169.16	178.37	286.93
	Apr	287.33	1,102.85	228.99	773.37	1,168.04	175.31	291.30
Major Exporters 4/	Mar	19.70	331.38	6.64	141.68	186.85	149.40	21.47
	Apr	19.79	333.38	6.64	144.08	189.25	147.20	23.35
Argentina	Mar	1.86	62.39	0.01	11.96	17.63	44.80	1.82
	Apr	2.02	62.39	0.01	11.96	17.63	44.80	1.98
Australia	Mar	2.33	18.10	0.00	5.50	7.38	11.28	1.78
	Apr	2.33	18.10	0.00	5.50	7.38	11.28	1.78
Brazil	Mar	5.22	118.02	2.50	65.09	77.03	43.03	5.69
	Apr	5.14	120.02	2.50	65.59	77.53	44.53	5.62
Canada	Mar	3.61	24.21	3.96	17.55	24.85	4.25	2.69
	Apr	3.61	24.21	3.96	17.15	24.45	5.05	2.29
Russia	Mar	1.90	38.54	0.10	21.23	29.91	9.23	1.40
	Apr	1.90	38.54	0.10	21.23	29.91	9.23	1.40
Ukraine	Mar	1.65	53.27	0.03	12.94	16.02	33.61	5.32
	Apr	1.65	53.27	0.03	15.24	18.32	29.11	7.52
Major Importers 5/	Mar	36.08	248.02	138.43	292.29	375.58	14.32	32.64
	Apr	36.57	247.76	138.63	291.14	374.33	14.31	34.32
European Union 6/	Mar	14.06	154.82	16.50	118.85	158.47	12.73	14.17
	Apr	14.26	154.08	16.30	117.25	156.87	12.72	15.05
Japan	Mar	1.75	0.25	17.24	13.83	17.77	0.00	1.46
	Apr	1.66	0.25	17.22	13.71	17.55	0.00	1.57
Mexico	Mar	3.60	33.35	18.05	30.99	50.54	0.60	3.86
	Apr	3.60	33.35	18.05	30.99	50.54	0.60	3.86
N. Afr & Mideast 7/	Mar	7.50	29.20	41.49	62.75	71.45	0.42	6.33
	Apr	7.50	28.98	41.91	62.92	71.62	0.42	6.36
Saudi Arabia	Mar	1.33	0.20	9.71	9.46	9.81	0.00	1.43
	Apr	1.33	0.20	9.71	9.46	9.81	0.00	1.43
Southeast Asia 8/	Mar	5.14	29.91	19.05	42.35	50.65	0.58	2.88
	Apr	5.44	30.61	19.05	42.85	51.15	0.58	3.38
South Korea	Mar	1.95	0.22	11.81	9.55	12.11	0.00	1.87
	Apr	2.02	0.22	11.81	9.45	12.01	0.00	2.05
Selected Other								
China	Mar	207.46	280.85	47.35	234.15	324.55	0.05	211.06
	Apr	207.46	280.85	44.35	231.15	321.55	0.05	211.06

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 - 623 - 22

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

2019/20	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	322.41	1,120.13	167.66	716.03	1,136.17	172.25	306.37
World Less China	112.24	859.35	160.08	523.03	858.17	172.23	105.85
United States	56.41	345.96	1.06	149.87	309.55	45.13	48.76
Total Foreign	266.00	774.17	166.60	566.15	826.62	127.11	257.62
Major Exporters 4/	9.97	219.01	1.74	88.40	110.40	106.94	13.37
Argentina	2.37	51.00	0.00	9.50	13.50	36.25	3.62
Brazil	5.31	102.00	1.66	58.50	68.50	35.14	5.33
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	163.15	217.65	7.04	20.81
Egypt	1.81	6.40	10.43	14.40	16.90	0.01	1.73
European Union 6/	7.64	66.74	17.38	59.10	79.00	5.39	7.38
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	210.18	260.78	7.58	193.00	278.00	0.01	200.53
2020/21 Est.							
World 3/	306.37	1,125.88	185.60	722.91	1,140.10	182.12	292.15
World Less China	105.85	865.21	156.09	519.91	855.10	182.12	86.45
United States	48.76	358.45	0.62	142.20	306.54	69.92	31.36
Total Foreign	257.62	767.43	184.99	580.72	833.56	112.20	260.79
Major Exporters 4/	13.37	200.12	2.92	90.50	113.10	93.32	10.00
Argentina	3.62	52.00	0.01	9.50	13.50	40.94	1.18
Brazil	5.33	87.00	2.85	59.00	69.50	21.02	4.65
Russia	0.83	13.87	0.04	8.90	10.00	3.99	0.75
South Africa	2.12	16.95	0.01	7.20	13.00	3.50	2.58
Ukraine	1.48	30.30	0.02	5.90	7.10	23.86	0.83
Major Importers 5/	20.81	132.24	92.89	164.07	219.23	4.79	21.92
Egypt	1.73	6.40	9.63	13.90	16.40	0.01	1.36
European Union 6/	7.38	67.14	14.49	57.00	77.40	3.74	7.88
Japan	1.39	0.00	15.48	12.00	15.45	0.00	1.42
Mexico	3.52	27.35	16.50	25.60	43.80	0.48	3.08
Southeast Asia 7/	3.81	31.20	20.69	41.65	49.70	0.57	5.44
South Korea	2.00	0.08	11.71	9.42	11.78	0.00	2.00
Selected Other							0.00
Canada	2.56	13.56	1.58	8.62	14.01	1.52	2.17
China	200.53	260.67	29.51	203.00	285.00	0.00	205.70

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, 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 - 623 - 23

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

2021/22 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	291.45	1,206.14	185.63	753.45	1,196.62	199.90	300.97
	Apr	292.15	1,210.45	182.11	752.62	1,197.15	197.00	305.46
World Less China	Mar	85.74	933.59	159.63	539.45	902.62	199.88	90.73
	Apr	86.45	937.90	159.11	541.62	906.15	196.98	95.22
United States	Mar	31.36	383.94	0.64	143.52	315.86	63.50	36.57
	Apr	31.36	383.94	0.64	142.88	315.86	63.50	36.57
Total Foreign	Mar	260.09	822.20	185.00	609.93	880.76	136.40	264.40
	Apr	260.79	826.51	181.47	609.73	881.28	133.50	268.89
Major Exporters 4/	Mar	9.91	240.43	2.07	98.30	121.60	117.20	13.61
	Apr	10.00	242.43	2.07	101.10	124.40	114.20	15.89
Argentina	Mar	1.02	53.00	0.01	10.00	14.00	39.00	1.03
	Apr	1.18	53.00	0.01	10.00	14.00	39.00	1.19
Brazil	Mar	4.73	114.00	2.00	61.50	72.50	43.00	5.23
	Apr	4.65	116.00	2.00	62.00	73.00	44.50	5.15
Russia	Mar	0.75	15.23	0.05	9.80	10.90	4.50	0.63
	Apr	0.75	15.23	0.05	9.80	10.90	4.50	0.63
South Africa	Mar	2.58	16.30	0.00	7.30	13.30	3.20	2.38
	Apr	2.58	16.30	0.00	7.30	13.30	3.20	2.38
Ukraine	Mar	0.83	41.90	0.02	9.70	10.90	27.50	4.35
	Apr	0.83	41.90	0.02	12.00	13.20	23.00	6.55
Major Importers 5/	Mar	21.35	133.82	91.20	166.10	221.55	6.08	18.74
	Apr	21.92	135.22	91.20	166.40	221.75	6.08	20.51
Egypt	Mar	1.36	6.40	9.70	13.70	16.20	0.01	1.25
	Apr	1.36	6.40	9.70	13.70	16.20	0.01	1.25
European Union 6/	Mar	7.63	69.80	15.00	59.20	79.80	4.90	7.73
	Apr	7.88	70.50	15.00	59.20	79.80	4.90	8.68
Japan	Mar	1.47	0.01	15.60	12.30	15.85	0.00	1.22
	Apr	1.42	0.01	15.60	12.20	15.65	0.00	1.37
Mexico	Mar	3.08	27.60	17.30	26.00	44.20	0.60	3.18
	Apr	3.08	27.60	17.30	26.00	44.20	0.60	3.18
Southeast Asia 7/	Mar	5.14	29.86	17.40	40.90	48.95	0.58	2.87
	Apr	5.44	30.56	17.40	41.40	49.45	0.58	3.37
South Korea	Mar	1.93	0.08	11.70	9.50	11.85	0.00	1.86
	Apr	2.00	0.08	11.70	9.40	11.75	0.00	2.03
Selected Other								
Canada	Mar	2.17	13.98	3.80	11.80	17.00	1.00	1.95
	Apr	2.17	13.98	3.80	11.40	16.60	1.80	1.55
China	Mar	205.70	272.55	26.00	214.00	294.00	0.02	210.24
	Apr	205.70	272.55	23.00	211.00	291.00	0.02	210.24

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

WASDE - 623 - 24

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

2019/20	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	176.61	498.82	42.34	493.79	43.43	181.64
World Less China	61.61	352.09	39.74	348.56	40.83	65.14
United States	1.42	5.88	1.19	4.59	2.99	0.91
Total Foreign	175.18	492.95	41.16	489.21	40.44	180.73
Major Exporters 4/	36.69	183.69	0.66	149.30	30.51	41.22
Burma	1.06	12.65	0.00	10.40	2.30	1.01
India	29.50	118.87	0.00	101.95	12.52	33.90
Pakistan	0.95	7.41	0.01	3.40	3.82	1.15
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/	127.77	239.80	13.92	249.85	3.18	128.46
China	115.00	146.73	2.60	145.23	2.60	116.50
European Union 6/	1.14	1.99	1.96	3.39	0.53	1.16
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	0.24	7.60	0.90	7.30	1.22	0.21
C. Amer & Carib 8/	0.61	1.63	1.87	3.41	0.04	0.66
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/	181.64	508.84	46.32	503.50	50.76	186.98
World Less China	65.14	360.54	42.11	353.20	48.53	70.48
United States	0.91	7.22	1.08	4.85	2.98	1.39
Total Foreign	180.73	501.62	45.24	498.65	47.77	185.60
Major Exporters 4/	41.22	191.63	2.01	149.57	38.31	46.98
Burma	1.01	12.60	0.00	10.55	1.90	1.16
India	33.90	124.37	0.00	101.07	20.20	37.00
Pakistan	1.15	8.42	0.01	3.80	3.88	1.90
Thailand	3.98	18.86	0.20	12.70	6.06	4.28
Vietnam	1.18	27.38	1.80	21.45	6.27	2.64
Major Importers 5/	128.46	239.90	16.99	255.02	2.71	127.62
China	116.50	148.30	4.22	150.29	2.22	116.50
European Union 6/	1.16	1.93	1.72	3.40	0.45	0.97
Indonesia	3.31	34.50	0.65	35.40	0.00	3.06
Nigeria	0.81	4.89	2.20	7.10	0.00	0.80
Philippines	3.60	12.42	2.20	14.45	0.00	3.76
Sel. Mideast 7/	1.22	2.31	3.25	5.83	0.00	0.95
Selected Other						0.00
Brazil	0.21	8.00	0.61	7.35	0.90	0.58
C. Amer & Carib 8/	0.66	1.59	1.62	3.29	0.04	0.54
Egypt	1.23	4.00	0.22	4.30	0.01	1.15
Japan	1.98	7.57	0.65	8.20	0.11	1.89
Mexico	0.18	0.20	0.81	0.96	0.02	0.21
South Korea	1.14	3.51	0.43	4.00	0.05	1.02

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 - 623 - 25

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

2021/22 Proj.		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Mar	187.51	514.07	50.07	511.06	51.34	190.52
	Apr	186.98	513.03	51.42	511.19	52.46	188.82
World Less China	Mar	71.01	365.08	45.47	356.22	49.09	77.52
	Apr	70.48	364.04	46.22	355.75	50.21	75.82
United States	Mar	1.39	6.09	0.97	4.62	2.73	1.10
	Apr	1.39	6.09	0.97	4.62	2.73	1.10
Total Foreign	Mar	186.12	507.98	49.10	506.44	48.61	189.43
	Apr	185.60	506.94	50.45	506.57	49.73	187.72
Major Exporters 4/	Mar	46.98	197.19	0.81	152.75	39.65	52.58
	Apr	46.98	197.19	1.01	152.75	40.75	51.68
Burma	Mar	1.16	12.60	0.00	10.65	1.90	1.22
	Apr	1.16	12.60	0.00	10.65	2.10	1.02
India	Mar	37.00	129.00	0.00	103.50	20.50	42.00
	Apr	37.00	129.00	0.00	103.50	21.00	41.50
Pakistan	Mar	1.90	8.70	0.01	4.10	4.15	2.35
	Apr	1.90	8.70	0.01	4.10	4.35	2.15
Thailand	Mar	4.28	19.70	0.20	13.00	6.60	4.58
	Apr	4.28	19.70	0.20	13.00	6.80	4.38
Vietnam	Mar	2.64	27.19	0.60	21.50	6.50	2.43
	Apr	2.64	27.19	0.80	21.50	6.50	2.63
Major Importers 5/	Mar	128.16	242.84	19.08	261.11	2.72	126.26
	Apr	127.62	241.83	20.10	261.51	2.72	125.33
China	Mar	116.50	148.99	4.60	154.84	2.25	113.00
	Apr	116.50	148.99	5.20	155.44	2.25	113.00
European Union 6/	Mar	1.16	1.85	1.93	3.44	0.44	1.06
	Apr	0.97	1.84	2.10	3.44	0.44	1.03
Indonesia	Mar	3.41	35.40	0.60	35.60	0.00	3.81
	Apr	3.06	34.40	0.75	35.20	0.00	3.01
Nigeria	Mar	0.80	5.00	2.20	7.20	0.00	0.80
	Apr	0.80	5.00	2.20	7.20	0.00	0.80
Philippines	Mar	3.76	12.40	3.00	14.95	0.00	4.21
	Apr	3.76	12.40	3.20	15.15	0.00	4.21
Sel. Mideast 7/	Mar	0.95	2.15	3.75	5.83	0.00	1.02
	Apr	0.95	2.15	3.75	5.83	0.00	1.02
Selected Other							
Brazil	Mar	0.58	7.28	0.68	7.45	0.80	0.28
	Apr	0.58	7.14	0.80	7.40	0.78	0.34
C. Amer & Carib 8/	Mar	0.54	1.61	1.83	3.36	0.02	0.59
	Apr	0.54	1.61	1.83	3.36	0.02	0.59
Egypt	Mar	1.15	2.90	0.90	4.25	0.01	0.70
	Apr	1.15	2.90	0.90	4.25	0.01	0.70
Japan	Mar	1.87	7.56	0.69	8.20	0.07	1.85
	Apr	1.89	7.56	0.69	8.20	0.11	1.83
Mexico	Mar	0.21	0.19	0.80	0.97	0.01	0.22
	Apr	0.21	0.18	0.80	0.97	0.01	0.21
South Korea	Mar	1.02	3.88	0.44	3.95	0.06	1.34
	Apr	1.02	3.88	0.44	3.95	0.06	1.34

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

WASDE - 623 - 26

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

2019/20	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	80.23	121.02	40.56	103.73	41.08	-0.06	97.05
World Less China	44.56	93.77	33.42	70.73	40.92	-0.06	60.15
United States	4.85	19.91	3/	2.15	15.51	-0.15	7.25
Total Foreign	75.38	101.11	40.55	101.58	25.56	0.09	89.80
Major Exporters 4/	28.29	57.40	2.92	28.89	21.15	0.02	38.53
Central Asia 5/	2.28	5.96	3/	3.92	1.76	0.00	2.56
Afr. Fr. Zone 6/	1.40	5.80	3/	0.13	4.60	0.00	2.46
S. Hemis. 7/	15.31	16.69	0.14	3.56	11.34	0.01	17.22
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	8.60	28.50	2.28	20.50	3.20	0.00	15.68
Major Importers 8/	45.12	40.62	35.44	69.05	3.19	0.07	48.87
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/	0.46	2.00	0.58	0.59	1.82	0.00	0.63
Turkey	1.69	3.45	4.67	6.60	0.45	0.00	2.77
Pakistan	2.50	6.20	3.98	9.40	0.06	0.03	3.19
Indonesia	0.53	3/	2.51	2.40	0.00	0.00	0.64
Thailand	0.20	3/	0.70	0.79	0.00	0.01	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
2020/21 Est.							
World	97.05	111.81	49.06	122.01	48.53	0.03	87.35
World Less China	60.15	82.31	36.19	82.01	48.52	0.03	48.10
United States	7.25	14.61	3/	2.40	16.37	-0.06	3.15
Total Foreign	89.80	97.20	49.05	119.61	32.15	0.09	84.20
Major Exporters 4/	38.53	54.22	1.60	34.98	27.65	0.02	31.69
Central Asia 5/	2.56	5.80	0.01	4.17	1.99	0.00	2.21
Afr. Fr. Zone 6/	2.46	4.79	3/	0.13	5.31	0.00	1.81
S. Hemis. 7/	17.22	15.68	0.14	4.03	13.61	0.01	15.39
Australia	0.80	2.80	3/	0.04	1.56	0.00	2.00
Brazil	14.40	10.82	0.01	3.10	11.01	0.00	11.12
India	15.68	27.60	0.84	26.00	6.19	0.00	11.94
Major Importers 8/	48.87	39.77	45.06	80.68	3.10	0.07	49.85
Mexico	0.69	1.02	0.93	1.70	0.49	0.03	0.43
China	36.90	29.50	12.86	40.00	0.01	0.00	39.25
European Union 9/	0.63	1.69	0.56	0.59	1.96	0.00	0.33
Turkey	2.77	2.90	5.33	7.70	0.59	0.00	2.71
Pakistan	3.19	4.50	5.33	10.70	0.03	0.03	2.27
Indonesia	0.64	3/	2.31	2.45	0.01	0.00	0.50
Thailand	0.10	3/	0.60	0.61	0.00	0.01	0.08
Bangladesh	2.52	0.15	8.75	8.50	0.00	0.01	2.90
Vietnam	1.11	3/	7.31	7.30	0.00	0.00	1.12

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 - 623 - 27

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

2021/22 Proj.		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Mar	87.32	119.85	46.28	124.54	46.27	0.07	82.57
	Apr	87.35	120.20	45.80	124.07	45.83	0.07	83.38
World Less China	Mar	48.07	92.85	36.78	85.04	46.19	0.07	46.40
	Apr	48.10	93.20	36.60	85.07	45.76	0.07	47.00
United States	Mar	3.15	17.62	0.01	2.55	14.75	-0.02	3.50
	Apr	3.15	17.62	0.01	2.55	14.75	-0.02	3.50
Total Foreign	Mar	84.17	102.23	46.27	121.99	31.52	0.10	79.07
	Apr	84.20	102.57	45.80	121.52	31.08	0.09	79.88
Major Exporters 4/	Mar	31.69	59.56	1.88	35.38	27.39	0.02	30.33
	Apr	31.69	59.56	1.88	35.38	26.99	0.02	30.73
Central Asia 5/	Mar	2.21	5.68	0.02	4.38	1.55	0.00	1.97
	Apr	2.21	5.68	0.02	4.38	1.55	0.00	1.97
Afr. Fr. Zone 6/	Mar	1.81	6.16	3/	0.13	6.24	0.00	1.59
	Apr	1.81	6.16	3/	0.13	6.24	0.00	1.59
S. Hemis. 7/	Mar	15.39	20.77	0.16	4.22	13.65	0.01	18.44
	Apr	15.39	20.77	0.16	4.22	13.55	0.01	18.53
Australia	Mar	2.00	5.50	3/	0.04	4.40	0.00	3.07
	Apr	2.00	5.50	3/	0.04	4.40	0.00	3.07
Brazil	Mar	11.12	13.20	0.03	3.20	8.00	0.00	13.14
	Apr	11.12	13.20	0.03	3.20	7.90	0.00	13.24
India	Mar	11.94	26.50	1.10	26.00	5.50	0.00	8.04
	Apr	11.94	26.50	1.10	26.00	5.20	0.00	8.34
Major Importers 8/	Mar	49.83	39.44	41.89	82.40	2.67	0.08	46.02
	Apr	49.85	39.77	41.42	81.91	2.73	0.07	46.32
Mexico	Mar	0.43	1.20	1.08	2.00	0.25	0.03	0.43
	Apr	0.43	1.22	1.05	2.00	0.25	0.03	0.42
China	Mar	39.25	27.00	9.50	39.50	0.08	0.00	36.18
	Apr	39.25	27.00	9.20	39.00	0.08	0.00	36.38
European Union 9/	Mar	0.32	1.48	0.60	0.61	1.62	0.00	0.17
	Apr	0.33	1.59	0.60	0.61	1.69	0.00	0.23
Turkey	Mar	2.71	3.80	5.30	8.50	0.65	0.00	2.66
	Apr	2.71	3.80	5.45	8.50	0.65	0.00	2.81
Pakistan	Mar	2.27	5.80	5.30	11.20	0.05	0.03	2.09
	Apr	2.27	6.00	5.00	11.20	0.05	0.03	1.99
Indonesia	Mar	0.50	3/	2.50	2.50	0.01	0.00	0.49
	Apr	0.50	3/	2.50	2.50	0.01	0.00	0.49
Thailand	Mar	0.08	3/	0.70	0.68	0.00	0.02	0.09
	Apr	0.08	3/	0.70	0.69	0.00	0.01	0.09
Bangladesh	Mar	2.90	0.15	8.30	8.80	0.00	0.01	2.54
	Apr	2.90	0.15	8.30	8.80	0.00	0.01	2.54
Vietnam	Mar	1.12	3/	7.50	7.50	0.00	0.00	1.13
	Apr	1.12	3/	7.50	7.50	0.00	0.00	1.13

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

WASDE - 623 - 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/	115.24	339.97	165.12	312.31	358.32	165.17	96.84
World Less China	95.79	321.88	66.58	220.81	249.12	165.08	70.05
United States	24.74	96.67	0.42	58.91	61.85	45.70	14.28
Total Foreign	90.50	243.30	164.70	253.40	296.47	119.47	82.56
Major Exporters 3/	62.60	189.54	5.45	89.09	99.50	110.68	47.41
Argentina	28.89	48.80	4.88	38.77	45.92	10.00	26.65
Brazil	33.34	128.50	0.55	46.74	49.84	92.14	20.42
Paraguay	0.35	10.25	0.01	3.50	3.66	6.62	0.33
Major Importers 4/	22.16	21.85	131.94	119.98	145.67	0.34	29.94
China	19.46	18.09	98.53	91.50	109.20	0.09	26.79
European Union	1.32	2.71	15.02	15.60	17.17	0.23	1.66
Southeast Asia	0.70	0.60	9.32	4.48	9.77	0.02	0.83
Mexico	0.44	0.24	5.74	6.00	6.05	0.00	0.37

2020/21 Est.

World 2/	96.84	367.76	165.38	315.00	362.38	164.48	103.11
World Less China	70.05	348.15	65.61	222.00	250.78	164.41	68.63
United States	14.28	114.75	0.54	58.26	61.05	61.52	6.99
Total Foreign	82.56	253.01	164.84	256.75	301.33	102.96	96.12
Major Exporters 3/	47.41	197.31	5.85	90.21	100.84	94.81	54.92
Argentina	26.65	46.20	4.82	40.16	47.41	5.20	25.06
Brazil	20.42	139.50	1.02	46.68	49.88	81.65	29.40
Paraguay	0.33	9.90	0.01	3.30	3.47	6.33	0.44
Major Importers 4/	29.94	23.27	133.36	122.09	148.69	0.27	37.60
China	26.79	19.60	99.76	93.00	111.60	0.07	34.48
European Union	1.66	2.60	14.79	15.80	17.37	0.19	1.49
Southeast Asia	0.83	0.58	9.62	4.74	10.04	0.01	0.99
Mexico	0.37	0.25	6.10	6.20	6.25	0.00	0.46

2021/22 Proj.

World 2/	Mar	101.74	353.80	156.73	315.26	363.68	158.63	89.96
	Apr	103.11	350.72	152.92	312.91	361.88	155.29	89.58
World Less China	Mar	67.26	337.40	62.73	223.26	251.98	158.53	56.87
	Apr	68.63	334.32	61.92	223.91	253.18	155.19	56.50
United States	Mar	6.99	120.71	0.41	60.28	63.46	56.88	7.77
	Apr	6.99	120.71	0.41	60.28	63.47	57.56	7.07
Total Foreign	Mar	94.75	233.09	156.32	254.98	300.22	101.75	82.19
	Apr	96.12	230.01	152.51	252.63	298.40	97.73	82.51
Major Exporters 3/	Mar	53.47	177.82	3.37	88.18	98.21	93.80	42.65
	Apr	54.92	174.72	2.67	88.88	99.45	90.35	42.50
Argentina	Mar	25.06	43.50	2.90	40.00	47.21	2.75	21.50
	Apr	25.06	43.50	2.20	40.00	47.21	2.75	20.80
Brazil	Mar	27.95	127.00	0.45	46.25	48.90	85.50	21.00
	Apr	29.40	125.00	0.45	47.25	50.50	82.75	21.61
Paraguay	Mar	0.44	5.30	0.01	1.85	2.02	3.60	0.14
	Apr	0.44	4.20	0.01	1.55	1.67	2.90	0.09
Major Importers 4/	Mar	37.64	20.19	127.66	121.45	149.30	0.34	35.86
	Apr	37.60	20.20	124.56	118.60	146.34	0.34	35.68
China	Mar	34.48	16.40	94.00	92.00	111.70	0.10	33.08
	Apr	34.48	16.40	91.00	89.00	108.70	0.10	33.08
European Union	Mar	1.57	2.74	14.50	15.70	17.37	0.23	1.21
	Apr	1.49	2.74	14.55	15.80	17.42	0.23	1.13
Southeast Asia	Mar	0.96	0.53	9.69	4.90	10.25	0.01	0.91
	Apr	0.99	0.53	9.54	4.95	10.24	0.01	0.81
Mexico	Mar	0.46	0.29	6.20	6.40	6.45	0.00	0.50
	Apr	0.46	0.29	6.20	6.40	6.45	0.00	0.50

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

WASDE - 623 - 29

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

2019/20		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		15.66	245.50	62.01	240.13	67.61	15.42
World Less China		15.66	173.03	61.95	168.63	66.59	15.42
United States		0.37	46.36	0.58	34.44	12.55	0.31
Total Foreign		15.29	199.14	61.43	205.69	55.06	15.11
Major Exporters 3/		6.90	73.19	0.03	27.37	45.85	6.91
Argentina		2.99	30.24	0.00	3.20	27.46	2.57
Brazil		3.54	36.23	0.01	18.50	17.50	3.77
India		0.38	6.72	0.02	5.67	0.89	0.57
Major Importers 4/		2.71	22.37	37.36	59.00	0.99	2.45
European Union		1.28	12.32	16.33	28.27	0.87	0.79
Mexico		0.25	4.74	1.82	6.65	0.01	0.15
Southeast Asia 5/		1.08	3.50	17.36	20.55	0.11	1.28
China		0.00	72.47	0.05	71.51	1.01	0.00
2020/21 Est.							
World 2/		15.42	247.68	63.91	243.60	68.66	14.75
World Less China		15.42	174.02	63.84	170.92	67.61	14.75
United States		0.31	45.87	0.71	34.09	12.49	0.31
Total Foreign		15.11	201.80	63.20	209.51	56.17	14.45
Major Exporters 3/		6.91	75.10	0.25	28.45	46.92	6.90
Argentina		2.57	31.32	0.00	3.30	28.32	2.27
Brazil		3.77	36.18	0.02	19.15	16.58	4.25
India		0.57	7.60	0.24	6.00	2.03	0.38
Major Importers 4/		2.45	22.85	37.26	59.46	1.12	1.99
European Union		0.79	12.48	16.53	28.39	0.85	0.56
Mexico		0.15	4.90	1.85	6.75	0.01	0.15
Southeast Asia 5/		1.28	3.69	17.05	20.71	0.27	1.05
China		0.00	73.66	0.07	72.68	1.05	0.00
2021/22 Proj.							
World 2/	Mar	14.37	247.55	62.92	244.10	67.78	12.96
	Apr	14.75	245.64	63.38	242.75	67.81	13.21
World Less China	Mar	14.37	174.69	62.86	172.07	66.88	12.96
	Apr	14.75	175.16	63.32	172.91	67.11	13.21
United States	Mar	0.31	47.09	0.41	34.38	13.06	0.36
	Apr	0.31	47.05	0.45	34.56	12.88	0.36
Total Foreign	Mar	14.06	200.46	62.51	209.72	54.72	12.60
	Apr	14.45	198.59	62.93	208.19	54.93	12.85
Major Exporters 3/	Mar	6.96	75.21	0.52	29.29	46.60	6.79
	Apr	6.90	75.98	0.52	29.29	47.35	6.76
Argentina	Mar	2.27	31.20	0.00	3.33	28.00	2.15
	Apr	2.27	31.20	0.00	3.33	28.00	2.15
Brazil	Mar	4.31	35.85	0.02	19.65	16.50	4.02
	Apr	4.25	36.62	0.02	19.65	17.25	3.99
India	Mar	0.38	8.16	0.50	6.32	2.10	0.63
	Apr	0.38	8.16	0.50	6.32	2.10	0.63
Major Importers 4/	Mar	1.76	23.14	37.28	59.49	1.06	1.62
	Apr	1.99	23.25	37.43	59.82	1.01	1.83
European Union	Mar	0.30	12.41	16.55	28.22	0.75	0.29
	Apr	0.56	12.48	16.55	28.34	0.70	0.55
Mexico	Mar	0.15	5.06	1.93	6.95	0.01	0.18
	Apr	0.15	5.06	1.93	6.95	0.01	0.18
Southeast Asia 5/	Mar	1.08	3.82	17.00	20.67	0.30	0.93
	Apr	1.05	3.86	17.15	20.88	0.30	0.88
China	Mar	0.00	72.86	0.06	72.02	0.90	0.00
	Apr	0.00	70.48	0.06	69.84	0.70	0.00

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

WASDE - 623 - 30

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

2019/20		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		4.66	58.52	11.52	57.11	12.36	5.24
World Less China		4.16	42.13	10.52	40.02	12.20	4.59
United States		0.81	11.30	0.15	10.12	1.29	0.84
Total Foreign		3.86	47.22	11.37	46.99	11.07	4.40
Major Exporters 3/		1.11	20.33	0.56	12.36	8.10	1.53
Argentina		0.43	7.70	0.00	2.18	5.40	0.55
Brazil		0.32	9.00	0.07	7.75	1.16	0.48
European Union		0.28	2.96	0.48	2.38	0.91	0.44
Major Importers 4/		1.24	19.43	7.10	25.87	0.47	1.43
China		0.50	16.40	1.00	17.09	0.16	0.65
India		0.14	1.51	3.63	5.12	0.02	0.14
North Africa 5/		0.33	1.05	1.78	2.45	0.29	0.43
2020/21 Est.							
World 2/		5.24	59.16	11.75	58.75	12.56	4.84
World Less China		4.59	42.49	10.52	40.94	12.51	4.14
United States		0.84	11.35	0.14	10.58	0.78	0.97
Total Foreign		4.40	47.81	11.62	48.17	11.77	3.88
Major Exporters 3/		1.53	20.54	0.74	12.48	9.02	1.31
Argentina		0.55	7.93	0.00	2.04	6.14	0.30
Brazil		0.48	8.99	0.25	7.96	1.26	0.50
European Union		0.44	3.00	0.49	2.43	1.06	0.44
Major Importers 4/		1.43	19.87	6.74	26.59	0.21	1.24
China		0.65	16.67	1.23	17.81	0.04	0.70
India		0.14	1.71	3.25	4.94	0.01	0.15
North Africa 5/		0.43	0.99	1.61	2.61	0.13	0.29
2021/22 Proj.							
World 2/	Mar	4.86	59.37	11.80	59.66	12.39	3.98
	Apr	4.84	58.97	11.93	59.34	12.44	3.96
World Less China	Mar	4.16	42.89	10.70	41.93	12.29	3.53
	Apr	4.14	43.02	10.83	42.02	12.36	3.61
United States	Mar	0.97	11.89	0.20	11.38	0.74	0.94
	Apr	0.97	11.89	0.20	11.38	0.78	0.90
Total Foreign	Mar	3.89	47.49	11.59	48.28	11.65	3.04
	Apr	3.88	47.08	11.72	47.97	11.65	3.06
Major Exporters 3/	Mar	1.31	20.13	0.60	12.11	9.01	0.93
	Apr	1.31	20.29	0.60	12.11	9.08	1.02
Argentina	Mar	0.27	7.90	0.00	2.05	5.90	0.22
	Apr	0.30	7.90	0.00	2.05	5.90	0.25
Brazil	Mar	0.53	8.90	0.13	7.50	1.70	0.36
	Apr	0.50	9.10	0.13	7.50	1.83	0.40
European Union	Mar	0.44	2.98	0.48	2.51	1.05	0.34
	Apr	0.44	3.00	0.48	2.51	1.05	0.36
Major Importers 4/	Mar	1.23	19.84	6.99	26.87	0.22	0.97
	Apr	1.24	19.30	7.11	26.57	0.21	0.88
China	Mar	0.70	16.49	1.10	17.74	0.10	0.45
	Apr	0.70	15.95	1.10	17.33	0.08	0.35
India	Mar	0.15	1.84	3.55	5.30	0.02	0.22
	Apr	0.15	1.84	3.65	5.40	0.02	0.22
North Africa 5/	Mar	0.28	1.00	1.59	2.54	0.11	0.22
	Apr	0.29	1.00	1.61	2.55	0.12	0.23

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

WASDE - 623 - 31

U.S. Quarterly Animal Product Production 1/

Year and Quarter		Beef	Pork	Red Meat 2/	Broiler	Turkey	Total Poultry 3/	Red Meat & Poultry	Egg	Milk
		<i>Million Pounds</i>						<i>Mil doz</i>	<i>Bil lbs</i>	
2020	Annual	27,174	28,303	55,680	44,583	5,743	50,876	106,556	9,292	223.3
2021	I	6,895	7,291	14,235	10,893	1,390	12,410	26,645	2,290	56.8
	II	6,957	6,668	13,673	11,232	1,399	12,771	26,444	2,277	58.1
	III	6,978	6,529	13,551	11,581	1,403	13,125	26,676	2,299	55.8
	IV	7,108	7,185	14,342	11,193	1,366	12,689	27,031	2,371	55.4
	Annual									
	Mar Est.	27,937	27,673	55,802	44,898	5,558	50,991	106,793	9,238	226.3
	Apr Est.	27,937	27,673	55,802	44,899	5,558	50,995	106,797	9,238	226.3
2022	I	7,020	6,910	13,973	11,025	1,370	12,525	26,498	2,295	56.2
	II*	6,905	6,505	13,455	11,325	1,340	12,805	26,260	2,190	57.8
	III*	7,035	6,555	13,635	11,625	1,370	13,135	26,770	2,255	56.2
	IV*	6,750	7,105	13,905	11,225	1,390	12,740	26,645	2,330	56.1
	Annual									
	Mar Proj.	27,570	27,315	55,074	45,225	5,620	51,395	106,469	9,385	226.0
	Apr Proj.	27,710	27,075	54,968	45,200	5,470	51,205	106,173	9,070	226.3

* Projection. 1/ Commercial production for red meats; federally inspected for poultry meats. 2/ Beef, pork, veal and lamb & mutton. 3/ Broilers, turkeys and mature chicken.

U.S. Quarterly Prices for Animal Products

Year and Quarter		Steers 2/	Barrows and gilts 3/	Broilers 4/	Turkeys 5/	Eggs 6/	Milk 7/
		<i>Dol./cwt</i>	<i>Dol./cwt</i>	<i>Cents/lb.</i>	<i>Cents/lb.</i>	<i>Cents/doz.</i>	<i>Dol./cwt</i>
2020	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	120.75	80.92	104.4	117.7	94.2	18.67
	III	123.51	76.15	105.4	129.7	120.1	18.00
	IV	132.36	56.36	110.9	133.4	131.8	20.77
	Annual						
	Mar Est.	122.40	67.29	101.2	122.8	118.5	18.69
	Apr Est.	122.40	67.29	101.2	122.8	118.5	18.69
2022	I	139.25	65.55	135.1	131.4	170.8	24.85
	II*	139.00	80.00	159.0	135.0	155.0	26.75
	III*	136.00	77.00	150.0	138.0	145.0	25.75
	IV*	143.00	69.00	148.0	140.0	157.0	25.90
	Annual						
	Mar Proj.	139.5	71.0	116.5	132.0	136.5	25.05
	Apr Proj.	139.5	73.0	148.0	136.0	157.0	25.80

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

WASDE - 623 - 32

U.S. Meats Supply and Use

		Beginning Production		Imports	Total		Ending Stocks	Total Per Capita		
		stocks	1/		Supply	Exports			Use	2/ 3/
Million Pounds /4										
Beef	2020	642	27,244	3,342	31,227	2,951	716	27,561	58.2	
	2021 Est.	Mar	716	28,007	3,348	32,071	3,447	676	27,948	58.9
		Apr	716	28,007	3,348	32,071	3,447	676	27,948	58.9
	2022 Proj.	Mar	676	27,640	3,420	31,736	3,300	650	27,786	58.4
		Apr	676	27,780	3,440	31,896	3,300	665	27,931	58.7
Pork	2020	646	28,318	904	29,869	7,280	467	22,121	51.7	
	2021 Est.	Mar	467	27,688	1,180	29,335	7,030	446	21,859	51.1
		Apr	467	27,688	1,180	29,335	7,030	446	21,859	51.1
	2022 Proj.	Mar	446	27,330	1,385	29,161	6,730	450	21,981	51.2
		Apr	446	27,090	1,400	28,936	6,595	465	21,876	51.0
Total Red Meat 5/	2020	1,330	55,774	4,547	61,651	10,235	1,217	50,199	111.3	
	2021 Est.	Mar	1,217	55,896	4,892	62,005	10,481	1,147	50,377	111.5
		Apr	1,217	55,896	4,892	62,005	10,481	1,147	50,377	111.5
	2022 Proj.	Mar	1,147	55,169	5,190	61,505	10,033	1,129	50,343	111.1
		Apr	1,147	55,062	5,210	61,419	9,898	1,155	50,366	111.1
Broiler	2020	937	44,106	145	45,188	7,367	830	36,991	95.8	
	2021 Est.	Mar	830	44,418	155	45,402	7,367	705	37,329	96.5
		Apr	830	44,419	155	45,403	7,367	705	37,331	96.5
	2022 Proj.	Mar	705	44,741	148	45,594	7,305	745	37,544	96.8
		Apr	705	44,716	148	45,570	7,365	730	37,475	96.6
Turkey	2020	233	5,743	21	5,997	571	223	5,203	15.7	
	2021 Est.	Mar	223	5,558	22	5,803	549	166	5,089	15.3
		Apr	223	5,558	22	5,804	549	166	5,089	15.3
	2022 Proj.	Mar	166	5,620	23	5,809	460	175	5,174	15.5
		Apr	166	5,470	25	5,661	375	165	5,121	15.4
Total Poultry 6/	2020	1,175	50,398	167	51,740	8,013	1,057	42,670	112.9	
	2021 Est.	Mar	1,057	50,510	180	51,748	7,961	874	42,913	113.3
		Apr	1,057	50,514	180	51,751	7,961	874	42,916	113.3
	2022 Proj.	Mar	874	50,910	174	51,959	7,825	924	43,210	113.8
		Apr	874	50,721	176	51,771	7,788	899	43,084	113.5
Red Meat & Poultry	2020	2,504	106,172	4,715	113,391	18,248	2,274	92,869	224.2	
	2021 Est.	Mar	2,274	106,406	5,072	113,752	18,442	2,021	93,290	224.8
		Apr	2,274	106,410	5,072	113,756	18,442	2,021	93,293	224.8
	2022 Proj.	Mar	2,021	106,079	5,364	113,464	17,858	2,053	93,553	224.9
		Apr	2,021	105,783	5,386	113,190	17,686	2,054	93,450	224.6

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 - 623 - 33

U.S. Egg Supply and Use

	2019	2020	2021 Est. Mar	2021 Est. Apr	2022 Proj. Mar	2022 Proj. Apr
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	22.7	31.6	24.5	24.5	19.1	19.1
Production	9,441.6	9,291.8	9,237.8	9,237.8	9,385.0	9,070.0
Imports	14.6	15.5	18.2	18.2	17.5	48.5
Total Supply	9,478.9	9,338.9	9,280.5	9,280.5	9,421.6	9,137.6
Use						
Exports	333.8	344.0	392.3	392.3	330.0	277.0
Hatching Use	1,081.2	1,078.5	1,103.7	1,103.7	1,130.0	1,130.4
Ending Stocks	31.6	24.5	19.1	19.1	19.5	19.0
Disappearance						
Total	8,032.3	7,891.8	7,765.4	7,765.4	7,942.1	7,711.2
Per Capita (number)	291.6	285.5	280.5	280.5	286.1	277.8

U.S. Milk Supply and Use

	2019	2020	2021 Est. Mar	2021 Est. Apr	2022 Proj. Mar	2022 Proj. Apr
Milk	<i>Billion Pounds</i>					
Production	218.4	223.3	226.3	226.3	226.0	226.3
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	14.3	14.3
Marketings	217.4	222.2	225.2	225.2	225.0	225.3
Imports	6.9	6.8	6.5	6.5	6.8	6.4
Total Cml. Supply	238.1	242.6	247.4	247.4	246.1	246.0
Fat Basis Use						
Commercial Exports	9.1	9.3	11.6	11.6	10.9	11.5
Ending Commercial Stocks	13.6	15.6	14.3	14.3	13.0	12.9
CCC Donations	0.2	0.3	0.0	0.0	0.0	0.0
Domestic Commercial Use	215.2	217.5	221.4	221.4	222.2	221.6
Skim-solid Basis Supply						
Beg. Commercial Stocks	10.7	10.2	10.9	10.9	11.0	11.0
Marketings	217.4	222.2	225.2	225.2	225.0	225.3
Imports	5.8	5.6	5.8	5.8	5.8	5.8
Total Cml. Supply	233.9	238.0	241.8	241.8	241.7	242.1
Skim-solid Basis Use						
Commercial Exports	41.5	47.2	51.1	51.1	49.8	50.3
Ending Commercial Stocks	10.2	10.9	11.0	11.0	11.2	11.0
CCC Donations	0.2	0.1	0.0	0.0	0.0	0.0
Domestic Commercial Use	182.0	179.8	179.7	179.7	180.8	180.8

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 - 623 - 34

U.S. Dairy Prices

	2019	2020	2021 Est. Mar	2021 Est. Apr	2022 Proj. Mar	2022 Proj. Apr
Product Prices 1/	<i>Dollars Per Pound</i>					
Cheese	1.7586	1.9236	1.6755	1.6755	2.030	2.150
Butter	2.2431	1.5808	1.7325	1.7325	2.575	2.640
Nonfat Dry Milk	1.0419	1.0417	1.2693	1.2693	1.740	1.745
Dry Whey	0.3799	0.3621	0.5744	0.5744	0.710	0.690
	<i>Dollars Per Cwt</i>					
Milk Prices 2/						
Class III	16.96	18.16	17.08	17.08	21.65	22.75
Class IV	16.30	13.49	16.09	16.09	23.70	24.05
All Milk 3/	18.65	18.24	18.69	18.69	25.05	25.80

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 - 623 - 35

Reliability of April Projections 1/

Note: Tables on pages 35-37 present a record of the April 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 0.5 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 0.8 percent. The average difference between the April projection and the final estimate is 2 million tons, ranging from 0.1 million to 6.8 million tons. The April projection has been below the estimate 26 times and above 14 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
WHEAT	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	0.5	0.8	2.0	0.1	6.8	26	14
U.S.	0.2	0.3	0.1	0.0	0.3	18	11
Foreign	0.5	0.9	2.0	0.2	6.8	26	14
Exports							
World	3.9	6.6	4.2	0.4	14.3	31	9
U.S.	2.5	4.3	0.6	0.0	2.1	17	22
Foreign	5.0	8.5	4.2	0.1	13.3	31	9
Domestic Use							
World	0.7	1.3	3.4	0.1	9.4	18	22
U.S.	3.1	5.3	0.7	0.0	2.2	15	25
Foreign	0.7	1.2	3.2	0.0	9.6	18	21
Ending Stocks							
World	3.2	5.4	4.1	0.0	14.5	28	11
U.S.	8.1	13.8	0.9	0.0	4.1	26	14
Foreign	3.5	5.9	3.6	0.0	12.6	29	10
COARSE GRAINS 2/							
Production							
World	1.1	1.8	9.3	0.3	42.1	32	8
U.S.	0.2	0.3	0.2	0.0	1.8	17	9
Foreign	1.5	2.5	9.3	0.3	42.1	32	8
Exports							
World	4.6	7.9	4.9	0.1	21.8	28	12
U.S.	6.6	11.2	2.7	0.0	7.2	23	17
Foreign	7.4	12.5	4.7	0.3	21.2	30	10
Domestic Use							
World	0.9	1.5	6.7	0.0	20.3	18	22
U.S.	2.3	3.9	3.2	0.1	16.8	14	26
Foreign	1.0	1.8	6.4	0.2	22.7	24	16
Ending Stocks							
World	9.6	16.3	12.5	0.2	144.9	34	6
U.S.	11.1	18.8	3.6	0.0	12.1	19	21
Foreign	12.1	20.6	10.8	0.5	144.9	34	6
RICE, milled							
Production							
World	1.3	2.1	3.3	0.0	13.3	32	8
U.S.	1.3	2.2	0.0	0.0	0.2	11	5
Foreign	1.3	2.2	3.3	0.0	13.3	32	8
Exports							
World	7.9	13.4	1.5	0.1	4.5	31	9
U.S.	6.3	10.7	0.1	0.0	0.5	18	19
Foreign	8.7	14.8	1.5	0.0	4.4	31	9
Domestic Use							
World	1.1	1.8	3.0	0.1	13.7	28	12
U.S.	7.0	11.9	0.2	0.0	0.5	15	24
Foreign	1.1	1.8	2.9	0.2	13.4	28	12
Ending Stocks							
World	8.1	13.7	4.4	0.1	26.1	28	12
U.S.	18.5	31.4	0.2	0.0	0.4	23	17
Foreign	8.4	14.3	4.4	0.1	26.1	27	13

1/ Footnotes at end of table.

CONTINUED

WASDE - 623 - 36

Reliability of April 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	1.6	2.8	2.5	0.2	7.9	23	17
U.S.	1.4	2.3	0.7	0.0	3.2	17	16
Foreign	2.7	4.6	2.3	0.0	8.1	25	15
Exports							
World	5.1	8.6	2.8	0.1	13.2	25	15
U.S.	5.6	9.4	1.4	0.0	6.3	27	13
Foreign	11.4	19.4	2.5	0.2	15.9	22	18
Domestic Use							
World	1.8	3.0	2.7	0.0	10.3	21	19
U.S.	2.2	3.8	0.9	0.1	2.4	26	14
Foreign	2.1	3.6	2.4	0.0	10.4	19	21
Ending Stocks							
World	11.4	19.3	3.5	0.3	13.2	23	17
U.S.	35.2	59.7	1.7	0.1	6.8	15	25
Foreign	12.5	21.2	3.2	0.0	12.8	26	14
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	1.6	2.6	1.1	0.0	5.2	29	10
U.S.	0.3	0.5	0.0	0.0	0.2	17	15
Foreign	1.9	3.2	1.1	0.0	5.1	28	11
Exports							
World	4.2	7.1	1.1	0.1	4.2	26	14
U.S.	4.7	7.9	0.4	0.0	1.4	18	19
Foreign	5.2	8.9	0.9	0.1	3.9	25	15
Domestic Use							
World	2.1	3.6	1.5	0.0	8.5	23	17
U.S.	6.4	10.8	0.2	0.0	0.8	19	17
Foreign	2.1	3.5	1.5	0.2	7.8	23	17
Ending Stocks							
World	6.9	11.8	2.9	0.0	8.3	26	14
U.S.	14.2	24.0	0.5	0.0	1.6	16	24
Foreign	7.4	12.6	2.8	0.1	8.0	24	16

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

WASDE - 623 - 37

Reliability of United States April Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final
CORN	<i>Percent</i>		<i>Million Bushels</i>				
Production	0.2	0.3	5	0	72	1	4
Exports	6.7	11.4	100	13	248	20	20
Domestic Use	2.2	3.7	110	5	474	15	25
Ending Stocks	12.6	21.4	144	3	470	19	21
SORGHUM							
Production	0.1	0.2	0	0	4	0	2
Exports	11.7	19.9	20	0	72	27	12
Domestic Use	9.8	16.7	22	0	158	16	22
Ending Stocks	37.8	64.1	20	0	148	17	22
BARLEY							
Production	0.9	1.6	1	0	11	19	4
Exports	14.0	23.7	3	0	13	11	23
Domestic Use	5.1	8.6	10	0	64	18	19
Ending Stocks	11.6	19.7	12	0	52	25	14
OATS							
Production	0.4	0.7	0	0	2	5	4
Exports	32.9	55.8	1	0	3	7	6
Domestic Use	4.0	6.7	8	0	26	12	26
Ending Stocks	14.3	24.3	9	1	30	25	15
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	2.7	4.5	844	35	2,667	30	10
Exports	7.9	13.5	545	25	2,326	31	9
Domestic Use	2.1	3.6	492	100	2,066	27	13
Ending Stocks	34.3	58.2	68	0	253	15	23
SOYBEAN OIL			<i>Million Pounds</i>				
Production	2.6	4.5	400	15	1,058	30	10
Exports	16.9	28.6	236	0	777	26	13
Domestic Use	1.9	3.3	245	0	576	23	16
Ending Stocks	17.3	29.3	241	5	753	26	14
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	2.3	3.9	478	19	1,388	25	15
Pork	2.1	3.6	315	10	983	24	16
Broilers	1.3	2.2	296	6	895	27	13
Turkeys	2.5	4.3	101	3	398	19	21
			<i>Million Dozen</i>				
Eggs	1.6	2.8	93	10	433	27	13
			<i>Billion Pounds</i>				
Milk	1.1	1.9	1.4	0.0	5.2	19	20

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 1982 through 2020 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2020.

Related USDA Reports

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

Supply and Demand Database

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

Foreign Production Assessments

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

Metric Conversion Factors

1 Hectare = 2.4710 Acres

1 Kilogram = 2.20462 Pounds

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

For complete WASDE tables and previous month's report visit

<https://www.usda.gov/oce/commodity/wasde/>

Click to receive [WASDE-related notifications](#) by email

Previous WASDE reports are available at

<https://usda.library.cornell.edu/concern/publications/3t945q76s?locale=en>

For questions contact: Mirvat Sewadeh at mirvat.sewadeh@usda.gov

World Agricultural Supply and Demand Estimates

WASDE-623 – April 8, 2022

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotope, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.