

# World Agricultural Supply and Demand Estimates

ISSN: 1554-9089

Office of the  
Chief Economist

Agricultural Marketing Service  
Farm Service Agency

Economic Research Service  
Foreign Agricultural Service

WASDE - 647

Approved by the World Agricultural Outlook Board

April 11, 2024

**WHEAT:** This month's supply and demand outlook for 2023/24 U.S. wheat is for lower supplies, reduced domestic use, unchanged exports, and higher ending stocks. Supplies are tightened with a reduction in projected imports by 5 million bushels to 140 million on a slower-than-expected import pace, primarily for Hard Red Winter. Domestic consumption is forecast down on lower-than-expected implied feed and residual use in the second and third quarters based on the latest NASS *Grain Stocks* report. As a result, annual feed and residual use is lowered 30 million bushels to 90 million. Projected 2023/24 ending stocks are raised 25 million bushels to 698 million, 22 percent above last year. The season-average farm price is reduced \$0.05 per bushel to \$7.10.

The 2023/24 global wheat outlook this month is for larger supplies, consumption, and exports and smaller ending stocks. Supplies are raised 0.6 million tons to 1,058.4 million on increased production estimates for the EU, Moldova, and Pakistan. The world consumption forecast is increased 1.1 million tons to 800.1 million. Food, Seed, and Industrial use in India is increased 2.0 million tons this month to 106.2 million. The latest monthly stocks reports issued by the Food Corporation of India shows continued open market sales as the Government of India attempts to limit food price inflation ahead of elections, which begin later this month. Global feed and residual use is forecast lower on reductions for Russia and the United States that are only partly offset by increased use for the EU.

Projected 2023/24 global trade is raised 1.3 million tons to 213.5 million, mostly on higher export forecasts for Russia and Ukraine that are only partly offset by a reduction for the European Union. Russia's export forecast is raised 1.0 million tons to 52.0 million, as shipments have continued at a robust pace. Ukraine exports are raised, up 1.5 million tons to 17.5 million as competitive prices and expanded operating hours at the ports of Odessa this year allow trade to increase. EU exports, however, are reduced 2.0 million tons to 34.5 million as competition from the Black Sea has restrained their exports to date. Projected 2023/24 world ending stocks are down 0.6 million tons to 258.3 million as lower stocks for India and Ukraine are only partly offset by increases for Algeria and the EU. If realized, global stocks for 2023/24 would be five percent below last year and the lowest since 2015/16.

**COARSE GRAINS:** This month's 2023/24 U.S. corn outlook is for greater corn used for ethanol and feed and residual use and smaller ending stocks. Corn used for ethanol is raised 25 million bushels to 5.4 billion based on data through February from the *Grain Crushings and Co-Products Production* report and weekly ethanol production data as reported by the Energy Information Administration for the month of March. Feed and residual use is increased 25 million to 5.7 billion based on indicated disappearance

during the December-February quarter. With no supply changes and use rising, ending stocks are lowered 50 million bushels to 2.1 billion bushels. The season-average farm price is lowered 5 cents to \$4.70 per bushel.

Global coarse grain production for 2023/24 is forecast 2.3 million tons lower to 1,505.1 million. This month's foreign coarse grain outlook is for declines in production, trade, and ending stocks. Foreign corn production is forecast lower as cuts for South Africa, Argentina, Mexico, and Moldova are partially offset by increases for the EU and the Philippines. Corn production is cut for South Africa as a continuation of drought during March further reduces yield prospects. Argentina and Mexico are both lowered reflecting a decline in yield expectations. EU corn production is raised mostly reflecting increases for Hungary, Poland, Spain, and France that are partly offset by declines for Romania, Slovakia, and Bulgaria. Foreign barley production is virtually unchanged.

Major global trade changes for 2023/24 include lower forecast corn exports for South Africa, India, and Tanzania but an increase for Russia. Corn imports are lowered for the EU, Saudi Arabia, Bangladesh, Thailand, Cuba, and Kenya but raised for Mexico. Barley imports are raised for China but lowered for Saudi Arabia and Algeria. Foreign corn ending stocks are essentially unchanged, mostly reflecting declines for Mexico and South Africa that are offset by small increases for several countries. Global corn ending stocks, at 318.3 million tons, are down 1.4 million from last month.

**RICE:** The outlook for 2023/24 U.S. rice this month is for unchanged supplies, reduced domestic use, higher exports, and increased ending stocks. Total domestic and residual use is lowered 5.0 million cwt to 157.0 million with all of the decline for long-grain. This is the result of a reduction in the December-February quarter in implied disappearance compared to a year earlier as indicated in the latest NASS *Rice Stocks* report. Total exports are raised 3.0 million cwt to 91.0 million as higher long-grain exports are partially offset by a reduction in medium- and short-grain. Long-grain exports, now at 70.0 million cwt, would be the highest since 2016/17 despite current long-grain prices significantly higher than 2016/17. Sustained higher sales and shipments of long-grain rough rice to Mexico, Central America, Venezuela, and Colombia drive this increase. Despite larger exports, the reduction in domestic and residual use more than offsets the export increase resulting in higher ending stocks, up 2.0 million cwt to 43.5 million. The season-average price for all rice is unchanged at \$18.80 per cwt with prices by class also unchanged.

The 2023/24 global outlook this month is for larger supplies, lower consumption, modestly higher trade, and higher ending stocks. Supplies are raised 0.9 million tons to 693.5 million, primarily on higher beginning stocks for Cambodia and Burma. World 2023/24 consumption is lowered 1.5 million tons to a still record 521.3 million, largely on a reduction for China. India's export restrictions on broken rice and fewer Chinese auctions of old-crop rice are factors causing this reduction. Global 2023/24 trade is raised 0.4 million tons to 52.9 million on higher exports for Burma, Cambodia, Vietnam, and the United States more than offsetting lower China exports. Projected world ending stocks are raised 2.5 million tons to 172.2 million primarily on increases for China, Vietnam, and Bangladesh.

**OILSEEDS:** The outlook for U.S. soybean supply and use for 2023/24 includes lower imports, residual, and exports, and higher ending stocks. Soybean trade is reduced on

pace to date and expectations for future shipments. With the trade changes and slightly lower residual, soybean ending stocks are raised 25 million bushels to 340 million. The U.S. season-average soybean price for 2023/24 is forecast at \$12.55 per bushel, down 10 cents. Soybean meal and oil prices are unchanged at \$380 per short ton and 49 cents per pound, respectively.

Global 2023/24 soybean supply and demand forecasts include lower production, exports, crush, and nearly unchanged ending stocks. Soybean production is lowered mainly for South Africa on drought conditions during the season, which negatively impacted yield potential. Partly offsetting is higher production for Paraguay, up 0.2 million tons to 10.5 million.

Global soybean exports are lowered 0.5 million tons to 173.1 million mainly on lower exports for the United States and South Africa partly offset by higher shipments for Paraguay. Imports are lowered for Indonesia, Russia, Algeria, and the United States, but raised for the EU. Global soybean ending stocks are nearly unchanged with higher stocks for the United States offset by lower stocks for Canada, Iran, and Russia.

**SUGAR:** Mexico production for 2023/24 is projected at 4.572 million metric tons (MT), a decrease of 175,090 from last month and 651,856 lower than last year. Area harvested is running over 20,000 hectares below the level forecast by CONADESUCA resulting in the current USDA projection of 727,116 hectares. Interim analysis based on the CONADESUCA production data through March 30 supports an increase in sugarcane yield from last month to 62.25 MT/hectare and also in sucrose recovery to 10.10 percent. However, the area reduction more than offsets the yield and recovery increases to reach this month's projection of sugar production. Production of low polarity sugar is reduced by 107,206 MT to 320,067 as producers have hastened the trend toward more profitable *estandar* sugar for the domestic market at the expense of less low polarity sugar. The low polarity sugar share of total production is at 7 percent, down from 9 percent last month. Assuming that all projected low polarity sugar is exported to the U.S. market and like last year constitutes 75 percent of the total exported, exports to the United States are projected at 426,757 MT, a decrease of 142,941.

On April 5, the *Secretaría de Economía* in Mexico announced that it would temporarily accept imports of sugar intended for use in the IMMEX program until August 31 with each shipment requiring its approval. This effectively means that imports from the United States under USDA's re-export import program can be shipped duty-free into Mexico only for use in IMMEX. Thus, 50,000-MT worth of Mexico production for IMMEX can be redirected to deliveries for human consumption. With more net sugar available, IMMEX is projected 25,000 MT higher at 425,000 MT. Given that Mexico has imported 435,000 MT of high-tier tariff sugar for consumption through March 31, USDA projects imports in the pipeline at 40,000 MT, implying imports for consumption at 475,000 MT. Total imports are, therefore, at 575,000 MT. Exports to other countries are residually projected at 43,914 MT.

U.S. beet sugar production for 2023/24 is decreased by 27,340 short tons, raw value (STRV) to 5.144 million on lower forecast sucrose recovery. Beet pile shrink is unchanged at 9 percent. Cane sugar production is unchanged. TRQ imports are up

25,086 STRV to 1.775 million on higher imports expected from Argentina and Panama. TRQ shortfall falls by that same amount to 66,690 STRV. Imports from Mexico decrease by 167,020 STRV to 498,644 but are largely offset by an increase of high-tier tariff imports of 140,000 STRV (all raw sugar) to bring the total to 855,000. This pace-to-date adjustment reflects that imports for the remaining 6 months of the fiscal year will be close to imports for the first 6 months. Exports are increased by 37,634 STRV to 197,634 as increased program exports more than offset a reduction of other sugar exports to Mexico. Deliveries for consumption are unchanged. Deliveries for human consumption were low in February due to a likely underreporting of direct consumption imports in February that will see an offsetting expansion in March. Ending stocks are projected at 1.722 million STRV for an ending stocks-to-use ratio of 13.50 percent.

**LIVESTOCK, POULTRY, AND DAIRY:** For 2024, red meat and poultry production is raised from last month. Beef production is raised due to heavier weights and higher slaughter. Pork production is raised on higher hog slaughter more than offsetting a slight decline in weights. The current outlook for hog slaughter in 2024 reflects the information provided in the March 28 *Quarterly Hogs and Pigs* report that showed higher pig crops than previously reported for 2023 and continued strong growth in pigs per litter in early 2024. Broiler production is raised based on recent production and hatchery data, as well as a continuing trend of heavier bird weights. Turkey production is raised for the first quarter on recent production and hatchery data. Egg production is lowered based on recent discoveries of Highly Pathogenic Avian Influenza (HPAI) in commercial laying flocks.

Beef exports are raised for 2024 based on recent trade data. Pork exports are also raised based on strong exports reported through the first two months of the year. Larger U.S. pork supplies will support exports. Broiler exports are lowered based on recent trade data and expectations that higher prices may affect trade to a number of price sensitive markets. Turkey exports are unchanged. Egg exports are raised slightly based on recent trade data.

Cattle prices are raised for the year based on recent data and expected strength in demand. Hog prices are also raised based on reported data and stronger-than-expected demand. Broiler prices are raised based on recent price strength carrying into the rest of the year. Turkey prices are lowered based on latest reported data and continued signs of relatively weak demand. Egg prices are raised due to recent prices and expectations of tighter supplies.

The milk production forecast for 2024 is lowered on slower expected growth in milk per cow; cow numbers are unchanged from last month. Fat basis imports for 2024 are raised on higher expected butter and cheese imports. Skim-solids basis imports are raised for a number of dairy products. Fat basis exports are raised on strong international demand for butter and price competitiveness of U.S. cheese. Skim-solids basis exports are lowered as fewer expected shipments of lactose and whey products more than offset higher shipments of nonfat dry milk (NDM) and cheese.

Butter prices for 2024 are raised on observed prices and continued strength in demand. Cheese, NDM, and whey prices are all lowered on recent prices. Class III prices are

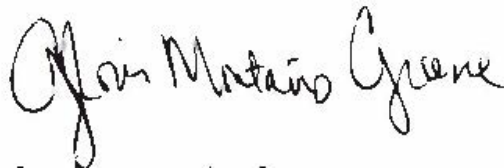
lowered due to lower cheese and whey price forecasts. Class IV prices are raised due to higher butter prices more than offsetting lower NDM prices. The all milk price for 2024 is projected lower at \$20.90 per cwt.

**COTTON:** The U.S. 2023/24 cotton supply and demand projections are unchanged this month, with ending stocks forecast at 2.5 million bales or 18 percent of total disappearance. The marketing year price received by upland cotton producers is projected to average 76 cents per pound, a decrease of 1 cent from last month.

The global cotton supply and demand estimates for 2023/24 show higher trade and lower ending stocks compared with last month. World production and consumption are mostly unchanged. World trade for 2023/24 is projected 700,000 bales higher this month to nearly 44 million, as a 1.3-million-bale increase in China's imports is only partially offset by reductions for Pakistan and Indonesia. Brazil, Australia, and Turkey exports are all projected higher. Ending stocks for 2023/24 are projected down nearly 300,000 bales this month as lower stocks across West Africa, Australia, and Brazil more than offset higher supplies in China.

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

APPROVED BY:

A handwritten signature in black ink that reads "Gloria Montaño Greene". The signature is written in a cursive style with a large initial "G".

GLORIA MONTAÑO GREENE  
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](mailto:mark.simone@usda.gov)  
Andrew Sowell, ERS; Rachel Trego, FAS; Bruce McWilliams, FPAC.

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

**Feed Grains:** Michael Jewison, ICEC Chair, WAOB, [michael.jewison2@usda.gov](mailto:michael.jewison2@usda.gov)  
Aaron Ates, ERS; Kevin Min, FAS; Jacob Vuillemin, FPAC.

**Oilseeds:** Joanna Hitchner, ICEC Chair, WAOB, [joanna.hitchner@usda.gov](mailto:joanna.hitchner@usda.gov)  
Maria Bukowski, ERS; Agata Kingsbury, FAS; Gustavo Ferreira, FPAC.

**Cotton:** Hunter Colby, ICEC Chair (Acting), WAOB, [hunter.colby@usda.gov](mailto:hunter.colby@usda.gov)  
Leslie Meyer, ERS; Graham Soley, FAS; Kent Lanclos, FPAC.

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

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

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

**Dairy:** Shayle Shagam, ICEC Chair, WAOB, [shayle.shagam@usda.gov](mailto:shayle.shagam@usda.gov)  
Jessica Richard, AMS; Adriana Valcu-Lisman, ERS; Jeffery Dwyer, FAS.

**In 2024 the WASDE report will be released on May 10, Jun 12, Jul 12, Aug 12, Sep 12, Oct 11, Nov 8, and Dec 10.**

---

## TABLE OF CONTENTS

---

	<b>Page</b>
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 - 647 - 8

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

<b>World</b>			<b>Output</b>	<b>Total Supply</b>	<b>Trade 2/</b>	<b>Total Use 3/</b>	<b>Ending Stocks</b>
Total Grains 4/	2021/22		2794.18	3589.21	513.28	2794.83	794.38
	2022/23 (Est.)		2749.83	3544.21	494.49	2762.90	781.31
	2023/24 (Proj.)	Mar	2809.49	3589.13	507.86	2814.47	774.66
		Apr	2808.02	3589.33	507.84	2814.33	774.99
Wheat	2021/22		780.35	1064.02	202.76	791.34	272.69
	2022/23 (Est.)		789.34	1062.03	220.17	791.02	271.00
	2023/24 (Proj.)	Mar	786.70	1057.80	212.13	798.98	258.83
		Apr	787.36	1058.37	213.47	800.10	258.27
Coarse Grains 5/	2021/22		1500.73	1824.37	253.62	1485.87	338.50
	2022/23 (Est.)		1446.07	1784.58	220.25	1452.24	332.34
	2023/24 (Proj.)	Mar	1507.41	1838.76	243.15	1492.63	346.14
		Apr	1505.13	1837.46	241.43	1492.89	344.58
Rice, milled	2021/22		513.10	700.81	56.91	517.63	183.19
	2022/23 (Est.)		514.42	697.61	54.07	519.64	177.97
	2023/24 (Proj.)	Mar	515.39	692.57	52.58	522.87	169.70
		Apr	515.53	693.50	52.94	521.35	172.15
<b>United States</b>							
Total Grains 4/	2021/22		447.17	511.98	94.82	360.06	57.09
	2022/23 (Est.)		406.43	471.36	67.73	350.03	53.60
	2023/24 (Proj.)	Mar	459.13	520.63	81.81	361.26	77.57
		Apr	459.13	520.46	81.90	361.55	77.01
Wheat	2021/22		44.80	70.42	21.66	30.41	18.36
	2022/23 (Est.)		44.90	66.57	20.65	30.42	15.50
	2023/24 (Proj.)	Mar	49.31	68.76	19.32	31.14	18.30
		Apr	49.31	68.63	19.32	30.32	18.98
Coarse Grains 5/	2021/22		396.30	432.90	70.52	324.91	37.48
	2022/23 (Est.)		356.45	397.18	45.04	315.00	37.14
	2023/24 (Proj.)	Mar	402.89	442.62	59.69	324.99	57.94
		Apr	402.89	442.58	59.69	326.25	56.64
Rice, milled	2021/22		6.07	8.65	2.65	4.74	1.26
	2022/23 (Est.)		5.08	7.61	2.04	4.61	0.96
	2023/24 (Proj.)	Mar	6.93	9.26	2.79	5.14	1.32
		Apr	6.93	9.26	2.89	4.99	1.38

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 - 647 - 9

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

<b>Foreign 3/</b>		<b>Output</b>	<b>Total Supply</b>	<b>Trade 2/</b>	<b>Total Use</b>	<b>Ending Stocks</b>	
Total Grains 4/	2021/22	2,347.01	3,077.23	418.46	2,434.77	737.29	
	2022/23 (Est.)	2,343.40	3,072.85	426.76	2,412.87	727.71	
	2023/24 (Proj.)	Mar	2,350.36	3,068.50	426.06	2,453.20	697.10
		Apr	2,348.89	3,068.86	425.94	2,452.78	697.98
Wheat	2021/22	735.55	993.60	181.10	760.92	254.33	
	2022/23 (Est.)	744.44	995.46	199.52	760.60	255.50	
	2023/24 (Proj.)	Mar	737.39	989.04	192.81	767.84	240.52
		Apr	738.05	989.74	194.15	769.78	239.28
Coarse Grains 5/	2021/22	1,104.43	1,391.47	183.10	1,160.95	301.03	
	2022/23 (Est.)	1,089.62	1,387.40	175.21	1,137.24	295.20	
	2023/24 (Proj.)	Mar	1,104.52	1,396.15	183.46	1,167.64	288.19
		Apr	1,102.24	1,394.88	181.74	1,166.64	287.93
Rice, milled	2021/22	507.03	692.16	54.26	512.89	181.92	
	2022/23 (Est.)	509.34	690.00	52.03	515.03	177.01	
	2023/24 (Proj.)	Mar	508.46	683.31	49.79	517.72	168.38
		Apr	508.60	684.24	50.05	516.36	170.77

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**

		<b>Output</b>	<b>Total Supply</b>	<b>Trade 2/</b>	<b>Total Use 3/</b>	<b>Ending Stocks</b>	
World	2021/22	114.51	192.18	43.32	116.10	76.32	
	2022/23 (Est.)	116.15	192.47	37.04	111.22	82.61	
	2023/24 (Proj.)	Mar	112.96	195.92	43.26	112.94	83.34
		Apr	112.92	195.53	43.97	112.82	83.08
United States	2021/22	17.52	20.68	14.48	2.55	4.05	
	2022/23 (Est.)	14.47	18.52	12.77	2.05	4.25	
	2023/24 (Proj.)	Mar	12.10	16.36	12.30	1.75	2.50
		Apr	12.10	16.36	12.30	1.75	2.50
Foreign 4/	2021/22	96.98	171.50	28.84	113.55	72.27	
	2022/23 (Est.)	101.68	173.95	24.27	109.17	78.36	
	2023/24 (Proj.)	Mar	100.86	179.57	30.96	111.19	80.84
		Apr	100.82	179.17	31.67	111.07	80.58

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 - 647 - 10

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

<b>World</b>			Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2021/22		611.55	725.45	179.56	512.24	112.01
	2022/23 (Est.)		637.47	749.48	202.02	524.88	119.88
	2023/24 (Proj.)	Mar	658.68	779.44	199.63	541.25	131.36
		Apr	658.50	778.38	199.41	541.84	130.60
Oilmeals	2021/22		350.98	370.46	96.54	348.08	20.01
	2022/23 (Est.)		357.27	377.28	97.72	355.39	17.02
	2023/24 (Proj.)	Mar	369.37	386.93	101.85	364.42	18.83
		Apr	369.60	386.62	102.84	364.51	18.30
Vegetable Oils	2021/22		208.13	237.27	79.56	202.61	29.34
	2022/23 (Est.)		217.88	247.22	88.77	210.74	31.35
	2023/24 (Proj.)	Mar	222.85	254.21	88.99	218.16	30.85
		Apr	223.17	254.51	89.08	218.15	31.08
<b>United States</b>							
Oilseeds	2021/22		131.32	141.14	59.55	63.87	9.14
	2022/23 (Est.)		125.75	136.42	55.12	64.16	8.85
	2023/24 (Proj.)	Mar	122.37	132.65	48.05	66.66	10.10
		Apr	122.37	132.48	47.48	66.68	10.76
Oilmeals	2021/22		49.23	53.19	12.46	40.38	0.35
	2022/23 (Est.)		49.94	54.60	13.50	40.69	0.41
	2023/24 (Proj.)	Mar	51.56	56.21	14.54	41.23	0.44
		Apr	51.58	56.23	14.54	41.24	0.44
Vegetable Oils	2021/22		13.05	19.61	1.05	17.27	1.30
	2022/23 (Est.)		13.18	20.75	0.33	19.28	1.14
	2023/24 (Proj.)	Mar	13.55	21.35	0.29	19.94	1.11
		Apr	13.58	21.51	0.31	20.06	1.14
<b>Foreign 3/</b>							
Oilseeds	2021/22		480.22	584.31	120.01	448.37	102.87
	2022/23 (Est.)		511.72	613.06	146.91	460.72	111.04
	2023/24 (Proj.)	Mar	536.31	646.79	151.58	474.59	121.26
		Apr	536.12	645.91	151.94	475.16	119.83
Oilmeals	2021/22		301.75	317.27	84.08	307.70	19.66
	2022/23 (Est.)		307.33	322.68	84.22	314.71	16.60
	2023/24 (Proj.)	Mar	317.81	330.72	87.31	323.20	18.39
		Apr	318.03	330.39	88.30	323.27	17.86
Vegetable Oils	2021/22		195.08	217.65	78.52	185.33	28.05
	2022/23 (Est.)		204.70	226.48	88.44	191.46	30.21
	2023/24 (Proj.)	Mar	209.29	232.86	88.70	198.22	29.74
		Apr	209.59	233.00	88.78	198.09	29.95

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 - 647 - 11

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

	2021/22	2022/23 Est.	2023/24 Proj. Mar	2023/24 Proj. Apr
			<i>Million Acres</i>	
Area Planted	46.7	45.8	49.6	49.6
Area Harvested	37.1	35.5	37.3	37.3
			<i>Bushels</i>	
Yield per Harvested Acre	44.3	46.5	48.6	48.6
			<i>Million Bushels</i>	
Beginning Stocks	845	674	570	570
Production	1,646	1,650	1,812	1,812
Imports	96	122	145	140
Supply, Total	2,588	2,446	2,527	2,522
Food	971	973	960	960
Seed	58	68	64	64
Feed and Residual	88	77	120	90
Domestic, Total	1,117	1,118	1,144	1,114
Exports	796	759	710	710
Use, Total	1,913	1,876	1,854	1,824
Ending Stocks	674	570	673	698
Avg. Farm Price (\$/bu) 2/	7.63	8.83	7.15	7.10

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

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
		<i>Million Bushels</i>					
2022/23 (Est.)	Beginning Stocks	356	142	99	54	24	674
	Production	531	446	336	272	64	1,650
	Imports	5	56	4	7	51	122
	Supply, Total 3/	891	644	439	333	139	2,446
	Food	374	266	163	85	85	973
	Seed	29	17	14	6	3	68
	Feed and Residual	42	-8	65	-22	0	77
	Domestic Use	444	275	242	68	88	1,118
	Exports	224	214	107	190	23	759
Use, Total	669	489	349	259	111	1,876	
Ending Stocks, Total	223	155	90	74	28	570	
2023/24 (Proj.)	Beginning Stocks	223	155	90	74	28	570
	Production	601	468	449	235	59	1,812
	Imports	18	65	7	6	44	140
	Supply, Total 3/	842	688	546	315	131	2,522
	Food	378	255	160	84	83	960
	Seed	27	16	12	6	3	64
	Feed and Residual	25	-10	90	-10	-5	90
	Domestic Use	430	261	262	80	81	1,114
	Exports	135	230	165	155	25	710
Use, Total	565	491	427	235	106	1,824	
Ending Stocks, Total	Apr	277	197	119	80	25	698
Ending Stocks, Total	Mar	282	177	119	74	21	673

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 - 647 - 12

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

FEED GRAINS	2021/22	2022/23 Est.	2023/24 Proj.	2023/24 Proj.
			Mar	Apr
			<i>Million Acres</i>	
Area Planted	105.5	100.0	107.5	107.5
Area Harvested	94.1	86.6	96.0	96.0
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.21	4.11	4.19	4.19
			<i>Million Metric Tons</i>	
Beginning Stocks	34.0	37.5	37.1	37.1
Production	396.0	356.1	402.6	402.6
Imports	2.3	2.9	2.3	2.3
Supply, Total	432.4	396.5	442.0	442.0
Feed and Residual	147.4	142.3	147.5	148.3
Food, Seed & Industrial	177.0	172.1	176.9	177.4
Domestic, Total	324.4	314.4	324.4	325.7
Exports	70.5	45.0	59.7	59.7
Use, Total	394.9	359.4	384.1	385.4
Ending Stocks	37.5	37.1	57.9	56.6
<b>CORN</b>				
			<i>Million Acres</i>	
Area Planted	92.9	88.2	94.6	94.6
Area Harvested	85.0	78.7	86.5	86.5
			<i>Bushels</i>	
Yield per Harvested Acre	176.7	173.4	177.3	177.3
			<i>Million Bushels</i>	
Beginning Stocks	1,235	1,377	1,360	1,360
Production	15,018	13,651	15,342	15,342
Imports	24	39	25	25
Supply, Total	16,277	15,066	16,727	16,727
Feed and Residual	5,671	5,486	5,675	5,700
Food, Seed & Industrial 2/	6,757	6,558	6,780	6,805
Ethanol & by-products 3/	5,320	5,176	5,375	5,400
Domestic, Total	12,427	12,045	12,455	12,505
Exports	2,472	1,661	2,100	2,100
Use, Total	14,900	13,706	14,555	14,605
Ending Stocks	1,377	1,360	2,172	2,122
Avg. Farm Price (\$/bu) 4/	6.00	6.54	4.75	4.70

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

## WASDE - 647 - 13

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

SORGHUM	2021/22	2022/23 Est.	2023/24 Proj.	2023/24 Proj.
			Mar	Apr
	<i>Million Bushels</i>			
Area Planted (mil. acres)	7.3	6.3	7.2	7.2
Area Harvested (mil. acres)	6.5	4.6	6.1	6.1
Yield (bushels/acre)	69.0	41.1	52.0	52.0
Beginning Stocks	20	47	24	24
Production	448	188	318	318
Imports	0	0	0	0
Supply, Total	468	235	342	342
Feed and Residual	80	42	45	50
Food, Seed & Industrial	45	59	30	25
Total Domestic	125	102	75	75
Exports	296	109	245	245
Use, Total	421	211	320	320
Ending Stocks	47	24	22	22
Avg. Farm Price (\$/bu) 2/	5.94	5.94	4.85	4.85
<b>BARLEY</b>				
Area Planted (mil. acres)	2.7	2.9	3.1	3.1
Area Harvested (mil. acres)	2.0	2.4	2.6	2.6
Yield (bushels/acre)	60.5	71.7	72.4	72.4
Beginning Stocks	71	37	66	66
Production	121	174	185	185
Imports	15	24	15	15
Supply, Total	207	235	266	266
Feed and Residual	23	36	60	60
Food, Seed & Industrial	139	131	125	125
Total Domestic	162	167	185	185
Exports	7	2	4	4
Use, Total	170	169	189	189
Ending Stocks	37	66	77	77
Avg. Farm Price (\$/bu) 2/	5.31	7.40	7.40	7.35
<b>OATS</b>				
Area Planted (mil. acres)	2.6	2.6	2.6	2.6
Area Harvested (mil. acres)	0.7	0.9	0.8	0.8
Yield (bushels/acre)	61.3	65.5	68.6	68.6
Beginning Stocks	38	33	35	35
Production	40	58	57	57
Imports	81	84	77	75
Supply, Total	159	174	169	167
Feed and Residual	44	57	50	50
Food, Seed & Industrial	79	81	81	81
Total Domestic	124	138	131	131
Exports	3	2	2	2
Use, Total	126	140	133	133
Ending Stocks	33	35	36	34
Avg. Farm Price (\$/bu) 2/	4.55	4.57	3.80	3.80

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 - 647 - 14

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

TOTAL RICE	2021/22	2022/23 Est.	2023/24 Proj.	2023/24 Proj.
			Mar	Apr
		<i>Million Acres</i>		
Area Planted	2.53	2.22	2.89	2.89
Area Harvested	2.48	2.17	2.85	2.85
		<i>Pounds</i>		
Yield per Harvested Acre	7,710	7,385	7,649	7,649
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	43.7	39.7	30.3	30.3
Production	191.1	160.0	218.3	218.3
Imports	37.8	39.9	43.0	43.0
Supply, Total	272.5	239.7	291.5	291.5
Domestic & Residual 3/	149.3	145.1	162.0	157.0
Exports, Total 4/	83.5	64.3	88.0	91.0
Rough	28.2	18.1	36.0	40.0
Milled (rough equiv.)	55.3	46.2	52.0	51.0
Use, Total	232.8	209.4	250.0	248.0
Ending Stocks	39.7	30.3	41.5	43.5
Avg. Milling Yield (%) 5/	70.00	70.00	70.00	70.00
Avg. Farm Price (\$/cwt) 6/	16.10	19.80	18.80	18.80
<b>LONG-GRAIN RICE</b>				
Harvested Acres (mil.)	1.93	1.78	2.05	2.05
Yield (pounds/acre)	7,471	7,225	7,524	7,524
Beginning Stocks	29.7	24.6	21.2	21.2
Imports	30.7	31.9	36.0	36.0
Production	144.0	128.5	153.9	153.9
Supply, Total 7/	204.4	185.0	211.0	211.0
Domestic & Residual 3/	117.7	114.0	125.0	120.0
Exports 8/	62.0	49.8	66.0	70.0
Use, Total	179.7	163.8	191.0	190.0
Ending Stocks	24.6	21.2	20.0	21.0
Avg. Farm Price (\$/cwt) 6/	13.60	16.70	16.10	16.10
<b>MEDIUM &amp; SHORT-GRAIN RICE</b>				
Harvested Acres (mil.)	0.55	0.39	0.81	0.81
Yield (pounds/acre)	8,546	8,118	7,963	7,963
Beginning Stocks	11.5	13.0	6.8	6.8
Imports	7.1	8.0	7.0	7.0
Production	47.1	31.6	64.4	64.4
Supply, Total 7/	66.1	52.4	78.2	78.2
Domestic & Residual 3/	31.6	31.1	37.0	37.0
Exports 8/	21.5	14.5	22.0	21.0
Use, Total	53.1	45.6	59.0	58.0
Ending Stocks	13.0	6.8	19.2	20.2
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	26.40	33.80	27.50	27.50
California 10/	31.90	40.90	32.00	32.00
Other States 1/	13.90	18.20	18.00	18.00

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): 2019/20-1.0; 2020/21-2.5; 2021/22-2.0. 3/ Residual includes unreported use, processing losses, and estimating errors. Use by type may not add to total rice use because of the difference in brokens between beginning and ending stocks. 4/ Includes rough rice and milled rice exports. Milled rice exports are converted to an equivalent rough basis. 5/ Expressed as a percent, i.e., the total quantity of whole kernel and broken rice produced divided by the quantity of rough rice milled. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The California medium/short-grain season-average- farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ. 10/ Marketing year beginning October 1. \* For June--Planted acres reported in March 31, 2023, "Prospective Plantings." Harvested acres are estimated using long run harvested-to-planted ratios by rice class. For July--Planted and harvested area are reported in June 30, 2023 "Acreage" report. Projected yield is based on by-class trend analysis and planted area.

## WASDE - 647 - 15

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

SOYBEANS	2021/22	2022/23 Est.	2023/24 Proj. Mar	2023/24 Proj. Apr
			<i>Million Acres</i>	
Area Planted	87.2	87.5	83.6	83.6
Area Harvested	86.3	86.2	82.4	82.4
			<i>Bushels</i>	
Yield per Harvested Acre	51.7	49.6	50.6	50.6
			<i>Million Bushels</i>	
Beginning Stocks	257	274	264	264
Production	4,464	4,270	4,165	4,165
Imports	16	25	30	25
Supply, Total	4,737	4,569	4,459	4,454
Crushings	2,204	2,212	2,300	2,300
Exports	2,152	1,992	1,720	1,700
Seed	102	97	102	100
Residual	5	4	22	13
Use, Total	4,463	4,305	4,144	4,114
Ending Stocks	274	264	315	340
Avg. Farm Price (\$/bu) 2/	13.30	14.20	12.65	12.55
<b>SOYBEAN OIL</b>				
			<i>Million Pounds</i>	
Beginning Stocks	2,131	1,991	1,607	1,607
Production 4/	26,155	26,227	27,025	27,070
Imports	303	376	450	500
Supply, Total	28,589	28,594	29,082	29,177
Domestic Disappearance	24,827	26,609	27,200	27,200
Biofuel 3/	10,379	12,491	13,000	13,000
Food, Feed & other Industrial	14,449	14,118	14,200	14,200
Exports	1,771	378	300	350
Use, Total	26,598	26,987	27,500	27,550
Ending stocks	1,991	1,607	1,582	1,627
Avg. Price (c/lb) 2/	72.98	65.26	49.00	49.00
<b>SOYBEAN MEAL</b>				
			<i>Thousand Short Tons</i>	
Beginning Stocks	341	311	371	371
Production 4/	51,814	52,493	54,254	54,254
Imports	655	632	600	600
Supply, Total	52,810	53,436	55,225	55,225
Domestic Disappearance	38,959	38,402	39,025	39,025
Exports	13,540	14,664	15,800	15,800
Use, Total	52,499	53,065	54,825	54,825
Ending Stocks	311	371	400	400
Avg. Price (\$/s.t.) 2/	439.81	451.91	380.00	380.00

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 2,219 million bushels for 2022/23 and 2,300 million bushels for 2023/24.

## WASDE - 647 - 16

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

	2021/22	2022/23 Est.	2023/24 Proj. Mar	2023/24 Proj. Apr
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,705	1,820	1,843	1,843
Production 2/	9,157	9,250	9,243	9,215
Beet Sugar	5,155	5,187	5,172	5,144
Cane Sugar	4,002	4,063	4,071	4,071
Florida	1,934	1,985	2,095	2,095
Louisiana	1,944	2,001	1,936	1,936
Texas	124	76	40	40
Imports	3,646	3,614	3,331	3,417
TRQ 3/	1,579	1,862	1,750	1,775
Other Program 4/	298	141	200	288
Non-program	1,769	1,611	1,381	1,354
Mexico	1,379	1,156	666	499
High-tier tariff/other	390	455	715	855
Total Supply	14,508	14,685	14,416	14,474
Exports	29	82	160	198
Deliveries	12,578	12,589	12,555	12,555
Food	12,470	12,473	12,450	12,450
Other 5/	107	116	105	105
Miscellaneous	81	171	0	0
Total Use	12,688	12,843	12,715	12,753
Ending Stocks	1,820	1,843	1,701	1,722
Stocks to Use Ratio	14.3	14.3	13.4	13.5

1/ Fiscal years beginning Oct 1. Data and projections correspond to category components from "Sweetener Market Data" (SMD). 2/ Production projections for 2022/23 and 2023/24 are based on Crop Production and/or processor projections/industry data and/or sugar ICEC analysis where appropriate. 3/ For 2022/23, WTO raw sugar TRQ shortfall (161) and for 2023/24 (67). 4/ Composed of sugar under the re-export and polyhydric alcohol programs. 5/ Transfers accompanying deliveries for sugar-containing products to be exported (SCP) and polyhydric alcohol manufacture (POLY), and deliveries for livestock feed and ethanol. Total refiner license transfers for SCP and POLY inclusive of WASDE-reported deliveries: 2021/22 -- 303; estimated 2022/23 -- 304; projected 2023/24 -- 291

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

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks	
		<i>1,000 Metric Tons, Actual Weight</i>						
<b>Sugar</b>	2022/23 Est.	Mar	964	5,224	285	4,627	1,011	835
		Apr	964	5,224	285	4,627	1,011	835
2023/24 Proj.		Mar	835	4,747	494	4,593	595	889
		Apr	835	4,572	575	4,618	471	894

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): 2021/22 = 1,320; Estimated 2022/23 = 1,392; Projected 2023/24 = 1,407; Estimated Oct.2023-Feb. 2024 = 595; Estimated Oct.-Feb. 2023 = 559. 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: 2022/23 (405 est =387 dom.+18 import); 2023/24 (425 proj = 325 dom.+100 import). Statistical Adjustments: 2022/23 (29), 2023/24 (0).



## WASDE - 647 - 17

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

	2021/22	2022/23 Est.	2023/24 Proj. Mar	2023/24 Proj. Apr
Area		<i>Million Acres</i>		
Planted	11.21	13.75	10.23	10.23
Harvested	10.26	7.29	7.06	7.06
		<i>Pounds</i>		
Yield per Harvested Acre	820	953	822	822
		<i>Million 480 Pound Bales</i>		
Beginning Stocks	3.15	4.05	4.25	4.25
Production	17.52	14.47	12.10	12.10
Imports	0.01	0.00	0.01	0.01
Supply, Total	20.68	18.52	16.36	16.36
Domestic Use	2.55	2.05	1.75	1.75
Exports, Total	14.48	12.77	12.30	12.30
Use, Total	17.03	14.82	14.05	14.05
Unaccounted 2/	-0.40	-0.55	-0.20	-0.20
Ending Stocks	4.05	4.25	2.50	2.50
Avg. Farm Price 3/	91.4	84.8	77.0	76.0

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 - 647 - 18

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

2021/22	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	283.67	780.35	200.18	160.69	791.34	202.76	272.69
World Less China	144.55	643.41	190.62	125.69	643.34	201.88	135.93
United States	23.00	44.80	2.62	2.40	30.41	21.66	18.36
Total Foreign	260.67	735.55	197.57	158.29	760.92	181.10	254.33
Major Exporters 4/	34.88	327.45	5.79	77.40	184.70	142.40	41.03
Argentina	2.32	22.15	0.00	0.25	6.55	16.00	1.93
Australia	3.02	36.24	0.21	5.00	8.50	27.51	3.45
Canada	5.95	22.42	0.55	5.15	10.15	15.12	3.66
European Union 5/	10.70	138.48	4.63	45.00	108.25	31.93	13.63
Russia	11.38	75.16	0.30	18.50	41.75	33.00	12.09
Ukraine	1.51	33.01	0.10	3.50	9.50	18.84	6.27
Major Importers 6/	176.96	204.02	130.56	54.87	323.89	15.28	172.37
Bangladesh	2.14	1.09	6.34	0.55	8.25	0.00	1.31
Brazil	1.85	7.68	6.39	0.45	11.75	3.07	1.10
China	139.12	136.95	9.57	35.00	148.00	0.88	136.76
Japan	1.04	1.13	5.61	0.75	6.30	0.30	1.18
N. Africa 7/	11.85	21.28	26.82	1.87	47.02	0.41	12.52
Nigeria	0.79	0.09	6.19	0.05	5.85	0.60	0.62
Sel. Mideast 8/	10.20	16.51	22.74	3.88	38.83	0.75	9.87
Southeast Asia 9/	4.45	0.00	27.06	8.50	25.63	1.20	4.68
Selected Other							
India	27.80	109.59	0.03	7.00	109.88	8.03	19.50
Kazakhstan	1.48	11.81	2.50	1.35	6.20	8.10	1.49
United Kingdom	1.42	13.99	2.64	7.32	15.32	0.87	1.85
<b>2022/23 Est.</b>							
World 3/	272.69	789.34	211.96	155.17	791.02	220.17	271.00
World Less China	135.93	651.61	198.68	122.17	643.02	219.22	132.18
United States	18.36	44.90	3.32	2.09	30.42	20.65	15.50
Total Foreign	254.33	744.44	208.64	153.08	760.60	199.52	255.50
Major Exporters 4/	41.03	335.22	13.30	76.06	183.25	160.78	45.53
Argentina	1.93	12.55	0.00	0.25	6.75	3.66	4.07
Australia	3.45	40.55	0.20	4.50	8.00	31.82	4.37
Canada	3.66	34.34	0.55	4.31	9.45	25.59	3.51
European Union 5/	13.63	134.29	12.19	45.00	109.00	35.08	16.04
Russia	12.09	92.00	0.30	19.00	42.25	47.50	14.64
Ukraine	6.27	21.50	0.06	3.00	7.80	17.12	2.90
Major Importers 6/	172.37	206.07	133.96	50.79	320.20	15.13	177.06
Bangladesh	1.31	1.10	5.12	0.20	6.70	0.00	0.83
Brazil	1.10	10.55	4.68	0.45	11.85	2.69	1.80
China	136.76	137.72	13.28	33.00	148.00	0.95	138.82
Japan	1.18	1.06	5.45	0.75	6.25	0.29	1.14
N. Africa 7/	12.52	17.24	29.68	1.67	46.32	0.77	12.35
Nigeria	0.62	0.11	4.73	0.00	4.70	0.40	0.36
Sel. Mideast 8/	9.87	17.43	24.65	3.68	39.53	0.65	11.76
Southeast Asia 9/	4.68	0.00	24.54	7.55	24.35	1.28	3.59
Selected Other							
India	19.50	104.00	0.05	6.50	108.68	5.38	9.50
Kazakhstan	1.49	16.40	3.00	1.80	6.75	10.87	3.27
United Kingdom	1.85	15.54	2.02	7.00	15.00	1.91	2.50

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

## WASDE - 647 - 19

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

<b>2023/24 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	271.10	786.70	211.21	162.06	798.98	212.13	258.83
	Apr	271.00	787.36	212.34	161.34	800.10	213.47	258.27
World Less China	Mar	132.28	650.11	200.21	125.06	645.48	211.23	126.82
	Apr	132.18	650.77	201.34	124.34	646.60	212.57	126.26
United States	Mar	15.50	49.31	3.95	3.27	31.14	19.32	18.30
	Apr	15.50	49.31	3.81	2.45	30.32	19.32	18.98
Total Foreign	Mar	255.60	737.39	207.27	158.80	767.84	192.81	240.52
	Apr	255.50	738.05	208.53	158.90	769.78	194.15	239.28
Major Exporters 4/	Mar	46.61	322.40	14.23	76.90	184.60	158.00	40.65
	Apr	45.53	322.90	14.73	76.70	184.20	158.50	40.46
Argentina	Mar	4.07	15.90	0.05	0.20	6.70	10.50	2.82
	Apr	4.07	15.90	0.05	0.20	6.70	10.00	3.32
Australia	Mar	4.37	26.00	0.20	3.50	7.00	20.00	3.57
	Apr	4.37	26.00	0.20	3.50	7.00	20.50	3.07
Canada	Mar	3.51	31.95	0.60	3.50	8.70	24.00	3.37
	Apr	3.51	31.95	0.60	3.50	8.70	24.00	3.37
European Union 5/	Mar	16.52	133.65	13.00	47.00	111.50	36.50	15.17
	Apr	16.04	134.15	13.50	48.00	112.50	34.50	16.69
Russia	Mar	14.64	91.50	0.30	20.00	43.00	51.00	12.44
	Apr	14.64	91.50	0.30	19.00	42.00	52.00	12.44
Ukraine	Mar	3.50	23.40	0.08	2.70	7.70	16.00	3.28
	Apr	2.90	23.40	0.08	2.50	7.30	17.50	1.58
Major Importers 6/	Mar	176.18	207.54	130.32	55.52	328.54	17.10	168.41
	Apr	177.06	207.20	130.57	55.62	328.34	18.20	168.30
Bangladesh	Mar	0.83	1.10	5.80	0.25	6.75	0.00	0.98
	Apr	0.83	1.10	5.80	0.25	6.75	0.00	0.98
Brazil	Mar	1.82	8.10	5.60	0.80	12.20	2.20	1.12
	Apr	1.80	8.10	5.70	0.70	12.10	2.50	1.00
China	Mar	138.82	136.59	11.00	37.00	153.50	0.90	132.01
	Apr	138.82	136.59	11.00	37.00	153.50	0.90	132.01
Japan	Mar	1.14	1.12	5.30	0.65	6.15	0.30	1.11
	Apr	1.14	1.14	5.30	0.65	6.15	0.30	1.13
N. Africa 7/	Mar	11.48	16.73	29.40	1.75	47.05	0.70	9.86
	Apr	12.35	16.37	30.10	1.75	46.95	1.30	10.57
Nigeria	Mar	0.36	0.12	4.80	0.00	4.60	0.35	0.33
	Apr	0.36	0.12	4.80	0.00	4.60	0.35	0.33
Sel. Mideast 8/	Mar	11.76	20.77	21.62	3.52	40.04	0.88	13.24
	Apr	11.76	20.77	20.47	3.52	39.84	0.88	12.29
Southeast Asia 9/	Mar	3.55	0.00	26.90	7.75	25.20	1.12	4.13
	Apr	3.59	0.00	27.50	8.15	25.70	1.12	4.27
Selected Other								
India	Mar	9.50	110.55	0.25	6.75	111.00	0.30	9.00
	Apr	9.50	110.55	0.12	6.75	112.97	0.30	6.90
Kazakhstan	Mar	3.27	12.11	2.50	1.30	6.25	10.00	1.63
	Apr	3.27	12.11	2.50	1.30	6.25	9.50	2.13
United Kingdom	Mar	2.50	14.00	2.40	7.30	15.50	0.80	2.60
	Apr	2.50	14.00	2.40	7.30	15.50	0.80	2.60

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 - 647 - 20

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

<b>2021/22</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	323.64	1,500.73	230.09	906.29	1,485.87	253.62	338.50
World Less China	115.95	1,219.74	188.60	678.26	1,165.64	253.61	128.56
United States	34.01	396.30	2.59	147.49	324.91	70.52	37.48
Total Foreign	289.63	1,104.43	227.50	758.80	1,160.96	183.10	301.03
Major Exporters 4/	19.40	332.29	9.78	138.87	184.88	149.16	27.43
Argentina	2.05	58.64	0.01	12.02	17.84	40.22	2.63
Australia	2.98	19.22	0.00	5.89	7.76	10.83	3.61
Brazil	4.60	120.62	3.25	63.59	75.68	48.30	4.50
Canada	3.63	25.12	6.40	17.50	25.79	5.65	3.71
Russia	1.90	38.54	0.10	22.23	31.11	7.58	1.85
Ukraine	1.65	53.51	0.02	10.63	13.41	32.93	8.84
Major Importers 5/	36.21	248.33	138.71	285.13	369.55	15.34	38.36
European Union 6/	14.51	155.03	21.30	117.48	158.27	13.76	18.81
Japan	1.63	0.24	16.51	13.09	16.82	0.00	1.56
Mexico	3.60	32.79	18.56	31.05	50.77	0.25	3.93
N. Afr & Mideast 7/	7.16	28.95	40.50	60.61	69.30	0.69	6.63
Saudi Arabia	1.33	0.15	8.28	8.02	8.35	0.00	1.41
Southeast Asia 8/	5.21	30.90	17.31	41.11	49.48	0.64	3.30
South Korea	2.04	0.19	11.62	9.26	11.78	0.00	2.07
Selected Other							
China	207.69	280.99	41.50	228.03	320.23	0.01	209.94
<b>2022/23 Est.</b>							
World 3/	338.50	1,446.07	213.41	887.99	1,452.24	220.25	332.34
World Less China	128.56	1,161.57	180.79	658.74	1,131.79	220.24	125.73
United States	37.48	356.45	3.25	142.40	315.00	45.04	37.14
Total Foreign	301.03	1,089.62	210.16	745.59	1,137.24	175.21	295.20
Major Exporters 4/	27.43	329.40	4.60	136.66	184.83	145.92	30.68
Argentina	2.63	42.84	0.02	8.80	14.73	28.75	2.01
Australia	3.61	18.84	0.00	5.77	7.65	10.89	3.91
Brazil	4.50	141.60	1.98	67.55	81.69	54.28	12.11
Canada	3.71	30.54	2.18	17.11	24.76	7.95	3.72
Russia	1.85	44.13	0.10	23.68	33.15	10.62	2.32
Ukraine	8.84	33.93	0.02	6.70	9.16	29.92	3.71
Major Importers 5/	38.36	229.51	136.22	273.36	356.02	13.07	34.99
European Union 6/	18.81	132.97	25.51	111.53	151.25	11.11	14.92
Japan	1.56	0.24	16.45	13.11	16.80	0.00	1.45
Mexico	3.93	33.88	20.24	32.88	52.75	0.10	5.20
N. Afr & Mideast 7/	6.63	31.11	33.13	55.47	63.25	1.07	6.55
Saudi Arabia	1.41	0.14	7.61	7.41	7.75	0.00	1.41
Southeast Asia 8/	3.30	30.93	17.80	39.69	48.20	0.80	3.04
South Korea	2.07	0.16	11.23	9.04	11.55	0.00	1.91
Selected Other							
China	209.94	284.50	32.62	229.25	320.45	0.01	206.60

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 - 647 - 21

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

<b>2023/24 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	331.36	1,507.41	229.40	914.29	1,492.63	243.15	346.14
	Apr	332.34	1,505.13	227.83	912.68	1,492.89	241.43	344.58
World Less China	Mar	124.76	1,210.26	189.55	674.44	1,161.53	243.12	133.67
	Apr	125.73	1,207.99	186.93	671.78	1,160.74	241.41	132.11
United States	Mar	37.14	402.89	2.60	147.64	324.99	59.69	57.94
	Apr	37.14	402.89	2.56	148.40	326.25	59.69	56.64
Total Foreign	Mar	294.22	1,104.52	226.81	766.65	1,167.64	183.46	288.19
	Apr	295.20	1,102.24	225.27	764.28	1,166.64	181.74	287.93
Major Exporters 4/	Mar	30.24	330.30	5.31	139.87	189.15	153.86	22.84
	Apr	30.68	327.78	5.44	138.22	187.76	153.48	22.67
Argentina	Mar	1.95	64.28	0.02	11.61	17.77	46.50	1.97
	Apr	2.01	63.28	0.02	10.61	16.77	46.50	2.03
Australia	Mar	3.87	14.34	0.00	5.61	7.49	8.36	2.37
	Apr	3.91	14.34	0.00	5.61	7.49	8.36	2.41
Brazil	Mar	12.04	129.33	1.73	69.28	84.31	52.06	6.72
	Apr	12.11	129.33	1.73	69.28	84.31	52.06	6.79
Canada	Mar	3.72	27.16	3.28	17.11	25.15	5.78	3.22
	Apr	3.72	27.16	3.28	17.11	25.15	5.78	3.22
Russia	Mar	2.32	42.54	0.10	22.39	31.54	11.39	2.04
	Apr	2.32	42.54	0.10	22.14	31.24	11.80	1.92
Ukraine	Mar	3.71	36.62	0.02	6.81	9.31	26.87	4.18
	Apr	3.71	36.62	0.02	6.81	9.31	26.97	4.08
Major Importers 5/	Mar	34.55	228.78	143.58	278.63	362.58	13.40	30.93
	Apr	34.99	229.38	141.51	277.71	361.94	13.18	30.76
European Union 6/	Mar	14.68	134.78	24.10	109.15	149.25	10.66	13.65
	Apr	14.92	135.97	23.15	109.60	149.77	10.50	13.77
Japan	Mar	1.45	0.25	17.01	13.34	17.24	0.00	1.47
	Apr	1.45	0.25	17.01	13.32	17.22	0.00	1.49
Mexico	Mar	5.20	29.19	21.43	32.78	52.73	0.05	3.03
	Apr	5.20	28.49	21.90	32.78	52.73	0.05	2.81
N. Afr & Mideast 7/	Mar	6.35	33.36	37.89	61.37	69.74	2.07	5.79
	Apr	6.55	33.28	37.69	61.32	69.69	2.07	5.76
Saudi Arabia	Mar	1.41	0.15	7.71	7.52	7.86	0.00	1.41
	Apr	1.41	0.15	6.71	6.52	6.86	0.00	1.41
Southeast Asia 8/	Mar	3.04	30.81	19.06	40.60	49.15	0.61	3.13
	Apr	3.04	31.01	18.66	40.30	49.05	0.56	3.08
South Korea	Mar	1.91	0.16	11.71	9.34	11.83	0.00	1.95
	Apr	1.91	0.16	11.71	9.34	11.83	0.00	1.95
Selected Other								
China	Mar	206.60	297.14	39.85	239.85	331.10	0.03	212.47
	Apr	206.60	297.14	40.90	240.90	332.15	0.03	212.47

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 - 647 - 22

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

<b>2021/22</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	292.94	1,216.13	184.43	743.28	1,198.29	206.39	310.79
World Less China	87.24	943.58	162.55	534.28	907.29	206.38	101.65
United States	31.36	381.47	0.62	144.04	315.67	62.80	34.98
Total Foreign	261.58	834.66	183.82	599.25	882.62	143.59	275.82
Major Exporters 4/	9.04	238.99	2.67	93.66	116.66	117.60	16.45
Argentina	1.18	49.50	0.01	10.10	14.20	34.69	1.80
Brazil	4.15	116.00	2.60	59.50	70.50	48.28	3.97
Russia	0.75	15.23	0.05	10.00	11.10	4.00	0.93
South Africa	2.12	16.14	0.00	6.86	12.66	3.65	1.95
Ukraine	0.83	42.13	0.02	7.20	8.20	26.98	7.80
Major Importers 5/	21.60	136.90	94.26	165.82	222.25	6.92	23.59
Egypt	1.36	7.44	9.76	14.50	17.00	0.00	1.56
European Union 6/	7.83	71.67	19.74	60.00	81.70	6.03	11.51
Japan	1.39	0.01	15.00	11.70	15.04	0.00	1.36
Mexico	3.08	26.76	17.57	25.80	44.00	0.25	3.16
Southeast Asia 7/	5.21	30.85	16.13	40.10	48.25	0.64	3.29
South Korea	2.02	0.09	11.51	9.22	11.56	0.00	2.06
Selected Other							
Canada	2.17	14.61	6.14	12.17	17.98	2.19	2.75
China	205.70	272.55	21.88	209.00	291.00	0.00	209.14
<b>2022/23 Est.</b>							
World 3/	310.79	1,157.74	172.84	729.57	1,166.34	180.23	302.19
World Less China	101.65	880.54	154.13	511.57	867.34	180.22	96.15
United States	34.98	346.74	0.98	139.36	305.95	42.20	34.55
Total Foreign	275.82	811.00	171.86	590.21	860.39	138.04	267.64
Major Exporters 4/	16.45	232.93	1.49	90.50	115.80	116.03	19.04
Argentina	1.80	36.00	0.02	7.20	11.40	25.24	1.17
Brazil	3.97	137.00	1.33	63.50	76.50	54.26	11.54
Russia	0.93	15.83	0.05	8.90	10.00	5.90	0.91
South Africa	1.95	17.10	0.07	6.90	13.00	3.50	2.62
Ukraine	7.80	27.00	0.02	4.00	4.90	27.12	2.80
Major Importers 5/	23.59	118.86	95.26	156.95	212.55	5.10	20.06
Egypt	1.56	7.44	6.22	11.20	13.70	0.00	1.51
European Union 6/	11.51	52.29	23.21	55.00	75.50	4.20	7.31
Japan	1.36	0.01	14.93	11.70	15.00	0.00	1.30
Mexico	3.16	28.08	19.36	27.50	46.00	0.10	4.50
Southeast Asia 7/	3.29	30.88	16.25	38.35	46.60	0.80	3.03
South Korea	2.06	0.09	11.10	9.00	11.35	0.00	1.90
Selected Other							
Canada	2.75	14.54	2.13	9.59	14.93	2.86	1.63
China	209.14	277.20	18.71	218.00	299.00	0.01	206.04

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 - 647 - 23

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

<b>2023/24 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Mar	301.62	1,230.24	189.48	761.62	1,212.24	202.27	319.63
	Apr	302.19	1,227.86	187.47	758.95	1,211.77	200.59	318.28
World Less China	Mar	95.58	941.40	166.48	536.62	906.24	202.25	107.76
	Apr	96.15	939.02	164.47	533.95	905.77	200.57	106.42
United States	Mar	34.55	389.69	0.64	144.15	316.37	53.34	55.17
	Apr	34.55	389.69	0.64	144.79	317.64	53.34	53.90
Total Foreign	Mar	267.07	840.55	188.85	617.46	895.86	148.92	264.46
	Apr	267.64	838.17	186.83	614.17	894.13	147.24	264.38
Major Exporters 4/	Mar	18.64	241.60	1.29	95.30	121.70	126.70	13.13
	Apr	19.04	239.10	1.39	93.70	120.40	126.10	13.03
Argentina	Mar	1.11	56.00	0.02	9.80	14.10	42.00	1.03
	Apr	1.17	55.00	0.02	8.80	13.10	42.00	1.09
Brazil	Mar	11.47	124.00	1.20	64.50	78.50	52.00	6.17
	Apr	11.54	124.00	1.20	64.50	78.50	52.00	6.24
Russia	Mar	0.91	16.60	0.05	10.10	11.20	5.30	1.06
	Apr	0.91	16.60	0.05	9.90	11.00	5.60	0.96
South Africa	Mar	2.35	15.50	0.00	6.90	12.90	2.90	2.05
	Apr	2.62	14.00	0.10	6.50	12.80	2.00	1.92
Ukraine	Mar	2.80	29.50	0.02	4.00	5.00	24.50	2.82
	Apr	2.80	29.50	0.02	4.00	5.00	24.50	2.82
Major Importers 5/	Mar	19.98	122.24	100.95	164.00	220.35	4.86	17.96
	Apr	20.06	122.64	100.05	163.70	220.25	4.81	17.69
Egypt	Mar	1.51	7.20	8.50	13.30	15.80	0.00	1.41
	Apr	1.51	7.20	8.50	13.30	15.80	0.00	1.41
European Union 6/	Mar	7.23	60.10	22.00	57.00	77.90	4.20	7.23
	Apr	7.31	61.00	21.00	57.00	77.90	4.20	7.21
Japan	Mar	1.30	0.01	15.50	12.00	15.50	0.00	1.31
	Apr	1.30	0.01	15.50	12.00	15.50	0.00	1.31
Mexico	Mar	4.50	24.00	20.60	28.00	46.60	0.05	2.45
	Apr	4.50	23.30	21.10	28.00	46.60	0.05	2.25
Southeast Asia 7/	Mar	3.03	30.76	18.15	39.90	48.20	0.61	3.13
	Apr	3.03	30.96	17.75	39.60	48.10	0.56	3.08
South Korea	Mar	1.90	0.09	11.60	9.30	11.65	0.00	1.94
	Apr	1.90	0.09	11.60	9.30	11.65	0.00	1.94
Selected Other								
Canada	Mar	1.63	15.08	3.20	10.50	16.00	1.80	2.10
	Apr	1.63	15.08	3.20	10.50	16.00	1.80	2.10
China	Mar	206.04	288.84	23.00	225.00	306.00	0.02	211.86
	Apr	206.04	288.84	23.00	225.00	306.00	0.02	211.86

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 - 647 - 24

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

<b>2021/22</b>	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	187.71	513.10	54.48	517.63	56.91	183.19
World Less China	71.21	364.11	48.53	361.27	54.83	70.19
United States	1.39	6.07	1.20	4.74	2.65	1.26
Total Foreign	186.33	507.03	53.28	512.89	54.26	181.92
Major Exporters 4/	47.22	197.74	1.76	158.55	43.94	44.24
Burma	1.31	12.40	0.00	10.30	2.34	1.08
India	37.00	129.47	0.00	110.45	22.03	34.00
Pakistan	1.79	9.32	0.01	3.90	4.84	2.38
Thailand	4.38	19.88	0.05	12.50	7.68	4.13
Vietnam	2.74	26.67	1.70	21.40	7.05	2.66
Major Importers 5/	126.70	242.03	22.46	263.16	2.54	125.49
China	116.50	148.99	5.95	156.36	2.08	113.00
European Union 6/	0.68	1.73	2.40	3.50	0.41	0.91
Indonesia	3.06	34.40	0.74	35.30	0.00	2.90
Nigeria	1.69	5.26	2.45	7.35	0.00	2.05
Philippines	2.36	12.54	3.60	15.40	0.00	3.10
Sel. Mideast 7/	0.83	2.18	4.35	6.20	0.00	1.16
Selected Other						
Brazil	1.16	7.34	0.93	7.15	1.38	0.90
C. Amer & Carib 8/	0.57	1.62	1.68	3.27	0.04	0.57
Egypt	1.16	2.90	0.61	4.05	0.01	0.61
Japan	1.89	7.64	0.69	8.20	0.12	1.90
Mexico	0.20	0.18	0.74	0.97	0.01	0.14
South Korea	1.02	3.88	0.44	3.95	0.05	1.33

**2022/23 Est.**

World 3/	183.19	514.42	55.67	519.64	54.07	177.97
World Less China	70.19	368.48	51.28	364.64	52.33	71.37
United States	1.26	5.08	1.27	4.61	2.04	0.96
Total Foreign	181.92	509.34	54.40	515.03	52.03	177.01
Major Exporters 4/	44.24	202.70	1.86	162.51	42.54	43.76
Burma	1.08	11.80	0.01	10.20	1.58	1.11
India	34.00	135.76	0.00	114.51	20.25	35.00
Pakistan	2.38	7.30	0.01	3.90	3.76	2.03
Thailand	4.13	20.91	0.05	12.50	8.74	3.85
Vietnam	2.66	26.94	1.80	21.40	8.23	1.77
Major Importers 5/	125.49	238.58	23.40	263.84	2.16	121.46
China	113.00	145.95	4.38	154.99	1.74	106.60
European Union 6/	0.91	1.29	2.31	3.35	0.39	0.76
Indonesia	2.90	33.90	3.50	35.60	0.00	4.70
Nigeria	2.05	5.36	2.28	7.50	0.00	2.18
Philippines	3.10	12.63	3.75	16.00	0.00	3.48
Sel. Mideast 7/	1.16	2.01	4.46	6.35	0.00	1.27
Selected Other						
Brazil	0.90	6.82	1.04	7.00	1.15	0.62
C. Amer & Carib 8/	0.57	1.54	1.95	3.38	0.05	0.63
Egypt	0.61	3.60	0.39	4.00	0.01	0.60
Japan	1.90	7.48	0.66	8.15	0.08	1.81
Mexico	0.14	0.14	0.78	0.98	0.00	0.09
South Korea	1.33	3.76	0.26	3.95	0.06	1.35

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 - 647 - 25

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

<b>2023/24 Proj.</b>		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Mar	177.18	515.39	50.07	522.87	52.58	169.70
	Apr	177.97	515.53	50.30	521.35	52.94	172.15
World Less China	Mar	70.58	370.77	47.97	372.95	50.58	68.30
	Apr	71.37	370.91	48.60	373.13	51.24	69.15
United States	Mar	0.96	6.93	1.37	5.14	2.79	1.32
	Apr	0.96	6.93	1.37	4.99	2.89	1.38
Total Foreign	Mar	176.22	508.46	48.71	517.72	49.79	168.38
	Apr	177.01	508.60	48.94	516.36	50.05	170.77
Major Exporters 4/	Mar	43.57	201.95	1.71	165.80	39.50	41.93
	Apr	43.76	201.95	2.41	165.75	39.90	42.46
Burma	Mar	0.91	11.95	0.00	10.25	1.80	0.81
	Apr	1.11	11.95	0.00	10.10	2.00	0.96
India	Mar	35.00	134.00	0.00	118.00	16.00	35.00
	Apr	35.00	134.00	0.00	118.00	16.00	35.00
Pakistan	Mar	2.04	9.00	0.01	3.95	5.50	1.60
	Apr	2.03	9.00	0.01	3.95	5.50	1.58
Thailand	Mar	3.85	20.00	0.10	12.40	8.40	3.15
	Apr	3.85	20.00	0.10	12.50	8.40	3.05
Vietnam	Mar	1.77	27.00	1.60	21.20	7.80	1.37
	Apr	1.77	27.00	2.30	21.20	8.00	1.87
Major Importers 5/	Mar	121.51	236.52	20.50	260.22	2.42	115.89
	Apr	121.46	237.00	19.40	258.37	2.12	117.37
China	Mar	106.60	144.62	2.10	149.92	2.00	101.40
	Apr	106.60	144.62	1.70	148.22	1.70	103.00
European Union 6/	Mar	0.81	1.43	2.20	3.30	0.36	0.78
	Apr	0.76	1.38	2.20	3.30	0.36	0.68
Indonesia	Mar	4.70	33.50	3.50	36.10	0.00	5.60
	Apr	4.70	33.02	3.50	36.00	0.00	5.22
Nigeria	Mar	2.18	5.23	1.90	7.60	0.00	1.70
	Apr	2.18	5.23	1.90	7.60	0.00	1.70
Philippines	Mar	3.48	12.30	4.20	16.50	0.00	3.48
	Apr	3.48	12.60	3.90	16.50	0.00	3.48
Sel. Mideast 7/	Mar	1.27	2.02	4.65	6.65	0.00	1.29
	Apr	1.27	2.02	4.65	6.60	0.00	1.34
Selected Other							
Brazil	Mar	0.52	7.48	0.90	7.00	1.30	0.60
	Apr	0.62	7.17	1.05	7.00	1.30	0.54
C. Amer & Carib 8/	Mar	0.64	1.52	1.77	3.26	0.03	0.63
	Apr	0.63	1.52	1.79	3.27	0.03	0.65
Egypt	Mar	0.60	3.78	0.35	4.10	0.01	0.63
	Apr	0.60	3.78	0.35	4.10	0.01	0.63
Japan	Mar	1.77	7.30	0.69	8.06	0.12	1.57
	Apr	1.81	7.27	0.69	8.00	0.08	1.69
Mexico	Mar	0.09	0.15	0.83	0.98	0.01	0.08
	Apr	0.09	0.15	0.83	0.98	0.01	0.08
South Korea	Mar	1.35	3.70	0.46	3.93	0.10	1.48
	Apr	1.35	3.70	0.46	3.93	0.10	1.48

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

## WASDE - 647 - 26

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

<b>2021/22</b>	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	77.67	114.51	42.96	116.10	43.32	-0.60	76.32
World Less China	40.38	87.71	35.12	82.35	43.20	-0.60	38.26
United States	3.15	17.52	0.01	2.55	14.48	-0.40	4.05
Total Foreign	74.52	96.98	42.96	113.55	28.84	-0.20	72.27
Major Exporters 4/	25.73	54.43	1.70	34.28	24.59	-0.20	23.19
Central Asia 5/	3.07	5.03	0.06	4.24	1.47	0.00	2.46
Afr. Fr. Zone 6/	1.68	5.98	3/	0.10	6.56	-0.01	1.01
S. Hemis. 7/	8.77	18.71	0.19	4.38	12.47	-0.19	11.00
Australia	2.51	5.85	3/	0.01	3.58	-0.19	4.96
Brazil	4.07	10.82	0.02	3.30	7.73	0.00	3.88
India	11.84	24.30	1.00	25.00	3.74	0.00	8.40
Major Importers 8/	46.49	39.65	38.94	75.47	2.94	0.00	46.67
Mexico	0.44	1.22	0.96	1.90	0.40	0.00	0.32
China	37.29	26.80	7.84	33.75	0.12	0.00	38.06
European Union 9/	0.37	1.67	0.64	0.62	1.77	0.00	0.30
Turkey	1.76	3.80	5.52	8.60	0.57	0.00	1.92
Pakistan	2.18	6.00	4.50	10.70	0.05	0.00	1.93
Indonesia	0.50	3/	2.58	2.60	0.01	0.00	0.46
Thailand	0.13	3/	0.75	0.74	0.00	0.00	0.15
Bangladesh	2.48	0.15	8.45	8.80	0.00	0.00	2.28
Vietnam	1.09	3/	6.63	6.70	0.00	0.00	1.02
<b>2022/23 Est.</b>							
World	76.32	116.15	37.68	111.22	37.04	-0.72	82.61
World Less China	38.26	85.45	31.44	73.72	36.94	-0.72	45.20
United States	4.05	14.47	3/	2.05	12.77	-0.55	4.25
Total Foreign	72.27	101.68	37.67	109.17	24.27	-0.18	78.36
Major Exporters 4/	23.19	55.73	2.38	31.93	19.99	-0.19	29.58
Central Asia 5/	2.46	5.54	0.01	3.55	1.10	0.00	3.36
Afr. Fr. Zone 6/	1.01	4.02	3/	0.10	3.98	0.00	0.96
S. Hemis. 7/	11.00	19.32	0.14	4.21	13.37	-0.19	13.08
Australia	4.96	5.80	3/	0.01	6.17	-0.19	4.77
Brazil	3.88	11.72	0.01	3.20	6.66	0.00	5.76
India	8.40	26.30	1.73	23.50	1.10	0.00	11.82
Major Importers 8/	46.67	42.88	32.86	73.57	3.01	0.02	45.82
Mexico	0.32	1.58	0.69	1.80	0.41	0.00	0.38
China	38.06	30.70	6.23	37.50	0.09	0.00	37.40
European Union 9/	0.30	1.64	0.52	0.55	1.52	0.00	0.39
Turkey	1.92	4.90	4.19	7.50	0.86	0.02	2.63
Pakistan	1.93	3.90	4.50	8.70	0.10	0.00	1.53
Indonesia	0.46	3/	1.66	1.75	0.02	0.00	0.36
Thailand	0.15	3/	0.66	0.68	0.00	0.00	0.14
Bangladesh	2.28	0.15	7.00	7.70	0.00	0.00	1.73
Vietnam	1.02	3/	6.47	6.45	0.00	0.00	1.05

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 - 647 - 27

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

<b>2023/24 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Mar	82.97	112.96	43.23	112.94	43.26	-0.40	83.34
	Apr	82.61	112.92	43.94	112.82	43.97	-0.40	83.08
World Less China	Mar	45.56	85.46	30.33	75.44	43.21	-0.40	43.09
	Apr	45.20	85.42	29.74	74.82	43.92	-0.40	42.02
United States	Mar	4.25	12.10	0.01	1.75	12.30	-0.20	2.50
	Apr	4.25	12.10	0.01	1.75	12.30	-0.20	2.50
Total Foreign	Mar	78.72	100.86	43.23	111.19	30.96	-0.20	80.84
	Apr	78.36	100.82	43.93	111.07	31.67	-0.20	80.58
Major Exporters 4/	Mar	29.89	57.91	1.73	33.13	26.36	-0.20	30.24
	Apr	29.58	57.91	1.68	33.12	27.01	-0.20	29.24
Central Asia 5/	Mar	3.44	5.24	0.08	4.00	1.32	0.00	3.45
	Apr	3.36	5.24	0.03	3.99	1.34	0.00	3.30
Afr. Fr. Zone 6/	Mar	1.19	4.93	3/	0.10	4.58	0.00	1.44
	Apr	0.96	4.93	3/	0.10	4.46	0.00	1.33
S. Hemis. 7/	Mar	13.08	21.76	0.16	4.36	18.14	-0.20	12.70
	Apr	13.08	21.76	0.16	4.36	18.79	-0.20	12.05
Australia	Mar	4.77	4.80	3/	0.01	5.75	-0.20	4.01
	Apr	4.77	4.80	3/	0.01	6.00	-0.20	3.76
Brazil	Mar	5.76	14.56	0.01	3.30	11.20	0.00	5.83
	Apr	5.76	14.56	0.01	3.30	11.70	0.00	5.33
India	Mar	11.82	25.50	1.00	24.00	2.00	0.00	12.32
	Apr	11.82	25.50	1.00	24.00	2.10	0.00	12.22
Major Importers 8/	Mar	45.87	39.54	38.99	74.23	2.78	0.00	47.39
	Apr	45.82	39.51	39.67	74.11	2.83	0.00	48.06
Mexico	Mar	0.43	0.93	0.70	1.50	0.25	0.00	0.30
	Apr	0.38	0.90	0.68	1.48	0.23	0.00	0.25
China	Mar	37.40	27.50	12.90	37.50	0.05	0.00	40.25
	Apr	37.40	27.50	14.20	38.00	0.05	0.00	41.05
European Union 9/	Mar	0.39	1.05	0.55	0.57	1.13	0.00	0.29
	Apr	0.39	1.05	0.55	0.57	1.03	0.00	0.39
Turkey	Mar	2.63	3.20	3.80	7.00	1.25	0.00	1.38
	Apr	2.63	3.20	3.80	6.80	1.40	0.00	1.43
Pakistan	Mar	1.53	6.70	3.40	9.80	0.08	0.00	1.75
	Apr	1.53	6.70	3.00	9.50	0.10	0.00	1.63
Indonesia	Mar	0.36	3/	2.00	1.90	0.02	0.00	0.45
	Apr	0.36	3/	1.90	1.85	0.02	0.00	0.40
Thailand	Mar	0.14	3/	0.50	0.50	0.00	0.00	0.14
	Apr	0.14	3/	0.45	0.49	0.00	0.00	0.10
Bangladesh	Mar	1.73	0.16	7.50	7.80	0.00	0.00	1.59
	Apr	1.73	0.16	7.50	7.80	0.00	0.00	1.59
Vietnam	Mar	1.05	3/	6.80	6.80	0.00	0.00	1.05
	Apr	1.05	3/	6.80	6.80	0.00	0.00	1.05

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 - 647 - 28

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

<b>2021/22</b>		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		98.64	360.45	154.47	316.51	366.03	154.43	93.09
World Less China		69.78	344.05	64.17	226.51	255.73	154.33	67.95
United States		6.99	121.50	0.43	59.98	62.89	58.57	7.47
Total Foreign		91.64	238.94	154.03	256.53	303.14	95.86	85.62
Major Exporters 3/		55.39	181.82	4.43	91.83	102.47	87.25	51.93
Argentina		25.06	43.90	3.84	38.83	46.04	2.86	23.90
Brazil		29.58	130.50	0.54	50.71	53.96	79.06	27.60
Paraguay		0.48	4.18	0.04	2.20	2.25	2.27	0.18
Major Importers 4/		32.13	20.29	122.51	118.84	146.74	0.42	27.77
China		28.86	16.40	90.30	90.00	110.30	0.10	25.15
European Union		1.46	2.83	14.54	15.40	17.10	0.29	1.45
Southeast Asia 5/		1.19	0.53	8.26	4.45	9.33	0.02	0.64
Mexico		0.46	0.29	5.96	6.35	6.40	0.00	0.30
<b>2022/23 Est.</b>								
World 2/		93.09	378.20	167.87	315.03	365.76	172.09	101.31
World Less China		67.95	357.91	63.37	219.03	248.26	172.00	68.97
United States		7.47	116.22	0.67	60.20	62.96	54.21	7.19
Total Foreign		85.62	261.98	167.21	254.83	302.81	117.88	94.12
Major Exporters 3/		51.93	197.75	9.26	86.91	97.18	106.99	54.78
Argentina		23.90	25.00	9.06	30.32	36.57	4.19	17.21
Brazil		27.60	162.00	0.15	53.10	56.90	95.51	37.35
Paraguay		0.18	10.05	0.01	3.45	3.58	6.50	0.17
Major Importers 4/		27.77	23.80	135.67	123.47	152.40	0.33	34.50
China		25.15	20.28	104.50	96.00	117.50	0.09	32.34
European Union		1.45	2.61	13.14	14.30	15.87	0.23	1.10
Southeast Asia 5/		0.64	0.49	8.25	3.92	8.70	0.01	0.67
Mexico		0.30	0.18	6.44	6.65	6.70	0.00	0.22
<b>2023/24 Proj.</b>								
World 2/	Mar	102.15	396.85	170.78	328.19	381.90	173.61	114.27
	Apr	101.31	396.73	170.33	328.03	381.08	173.06	114.22
World Less China	Mar	69.81	376.01	65.78	230.19	261.40	173.51	76.69
	Apr	68.97	375.89	65.33	230.03	260.58	172.96	76.64
United States	Mar	7.19	113.34	0.82	62.60	65.97	46.81	8.57
	Apr	7.19	113.34	0.68	62.60	65.69	46.27	9.26
Total Foreign	Mar	94.96	283.51	169.96	265.60	315.93	126.80	105.70
	Apr	94.12	283.38	169.65	265.44	315.39	126.80	104.96
Major Exporters 3/	Mar	54.78	218.20	6.58	92.10	103.39	116.30	59.87
	Apr	54.78	218.40	6.58	92.10	103.39	116.50	59.87
Argentina	Mar	17.21	50.00	6.10	35.50	42.75	4.60	25.96
	Apr	17.21	50.00	6.10	35.50	42.75	4.60	25.96
Brazil	Mar	37.35	155.00	0.45	53.00	56.75	103.00	33.05
	Apr	37.35	155.00	0.45	53.00	56.75	103.00	33.05
Paraguay	Mar	0.17	10.30	0.02	3.50	3.65	6.30	0.54
	Apr	0.17	10.50	0.02	3.50	3.65	6.50	0.54
Major Importers 4/	Mar	34.66	24.76	138.29	126.60	157.01	0.42	40.29
	Apr	34.50	24.68	138.54	126.60	156.89	0.42	40.43
China	Mar	32.34	20.84	105.00	98.00	120.50	0.10	37.58
	Apr	32.34	20.84	105.00	98.00	120.50	0.10	37.58
European Union	Mar	1.26	3.06	13.80	14.90	16.49	0.30	1.33
	Apr	1.10	2.98	14.30	14.90	16.62	0.30	1.46
Southeast Asia 5/	Mar	0.67	0.47	9.59	4.59	9.78	0.01	0.94
	Apr	0.67	0.47	9.34	4.59	9.53	0.01	0.94
Mexico	Mar	0.22	0.14	6.40	6.48	6.54	0.00	0.22
	Apr	0.22	0.14	6.40	6.48	6.54	0.00	0.22

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/ Includes Uruguay 4/ Includes Japan 5/ Indonesia, Malaysia, Philippines, Vietnam, and Thailand. Totals may not add due to rounding.

## WASDE - 647 - 29

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

<b>2021/22</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		15.76	248.40	67.13	246.05	68.80	16.43
World Less China		14.80	177.12	67.08	174.95	68.32	15.72
United States		0.31	47.01	0.59	35.34	12.28	0.28
Total Foreign		15.45	201.39	66.54	210.71	56.52	16.15
Major Exporters 3/		6.95	76.39	0.79	29.30	47.74	7.10
Argentina		2.29	30.29	0.14	3.33	26.59	2.80
Brazil		4.47	39.31	0.01	19.70	20.21	3.88
India		0.19	6.80	0.65	6.27	0.94	0.42
Major Importers 4/		1.90	22.60	38.39	59.50	1.12	2.28
European Union		0.46	12.17	16.54	27.74	0.76	0.66
Mexico		0.20	5.02	1.83	6.88	0.02	0.15
Southeast Asia 5/		1.18	3.47	18.33	21.28	0.33	1.37
China		0.96	71.28	0.06	71.10	0.48	0.71
<b>2022/23 Est.</b>							
World 2/		16.43	247.77	62.97	246.61	67.27	13.28
World Less China		15.72	171.73	62.93	171.56	66.48	12.35
United States		0.28	47.62	0.57	34.84	13.30	0.34
Total Foreign		16.15	200.15	62.40	211.78	53.97	12.95
Major Exporters 3/		7.10	73.03	0.10	30.33	43.96	5.95
Argentina		2.80	23.65	0.07	3.40	20.75	2.36
Brazil		3.88	41.14	0.01	20.30	21.34	3.39
India		0.42	8.24	0.03	6.63	1.87	0.20
Major Importers 4/		2.28	21.57	36.77	57.95	0.98	1.68
European Union		0.66	11.30	16.01	26.74	0.74	0.49
Mexico		0.15	5.26	1.67	6.93	0.00	0.15
Southeast Asia 5/		1.37	3.05	17.55	20.73	0.24	1.01
China		0.71	76.03	0.04	75.05	0.80	0.94
<b>2023/24 Proj.</b>							
World 2/	Mar	13.70	257.76	66.95	253.49	70.03	14.89
	Apr	13.28	257.68	67.41	253.59	70.49	14.30
World Less China	Mar	12.77	180.15	66.90	176.74	69.03	14.04
	Apr	12.35	180.07	67.36	176.84	69.49	13.44
United States	Mar	0.34	49.22	0.54	35.40	14.33	0.36
	Apr	0.34	49.22	0.54	35.40	14.33	0.36
Total Foreign	Mar	13.37	208.55	66.41	218.09	55.70	14.53
	Apr	12.95	208.46	66.87	218.19	56.16	13.93
Major Exporters 3/	Mar	5.95	77.17	0.07	31.23	45.90	6.06
	Apr	5.95	77.17	0.07	31.03	46.40	5.76
Argentina	Mar	2.36	27.69	0.01	3.48	24.40	2.19
	Apr	2.36	27.69	0.01	3.48	24.40	2.19
Brazil	Mar	3.39	41.08	0.01	20.70	20.10	3.68
	Apr	3.39	41.08	0.01	20.50	20.60	3.38
India	Mar	0.20	8.40	0.05	7.05	1.40	0.20
	Apr	0.20	8.40	0.05	7.05	1.40	0.20
Major Importers 4/	Mar	1.58	22.45	38.05	59.10	0.99	1.99
	Apr	1.68	22.45	38.10	59.07	0.99	2.17
European Union	Mar	0.44	11.77	15.80	26.84	0.70	0.46
	Apr	0.49	11.77	15.80	26.74	0.70	0.61
Mexico	Mar	0.15	5.12	2.05	7.13	0.00	0.19
	Apr	0.15	5.12	2.08	7.15	0.00	0.19
Southeast Asia 5/	Mar	0.96	3.58	18.60	21.57	0.29	1.28
	Apr	1.01	3.58	18.63	21.62	0.29	1.30
China	Mar	0.94	77.62	0.05	76.75	1.00	0.85
	Apr	0.94	77.62	0.05	76.75	1.00	0.85

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/ Includes Japan. 5/ Indonesia, Malaysia, Philippines, Vietnam, and Thailand. Totals may not add due to rounding.

## WASDE - 647 - 30

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

<b>2021/22</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		5.50	59.62	11.35	59.52	12.32	4.63
World Less China		4.32	43.50	11.06	42.42	12.21	4.24
United States		0.97	11.86	0.14	11.26	0.80	0.90
Total Foreign		4.53	47.76	11.21	48.26	11.52	3.73
Major Exporters 3/		1.25	20.77	0.59	12.49	8.62	1.50
Argentina		0.30	7.66	0.09	2.66	4.87	0.52
Brazil		0.47	9.76	0.03	7.45	2.41	0.41
European Union		0.44	2.93	0.46	2.31	0.97	0.55
Major Importers 4/		1.77	19.27	6.49	26.43	0.28	0.83
China		1.18	16.13	0.29	17.10	0.11	0.39
India		0.27	1.53	4.23	5.83	0.02	0.19
North Africa 5/		0.31	1.18	1.28	2.40	0.13	0.24
<b>2022/23 Est.</b>							
World 2/		4.63	59.24	10.93	58.28	11.65	4.89
World Less China		4.24	42.04	10.54	41.28	11.54	4.01
United States		0.90	11.90	0.17	12.07	0.17	0.73
Total Foreign		3.73	47.35	10.76	46.21	11.48	4.16
Major Exporters 3/		1.50	19.59	0.65	12.20	8.27	1.27
Argentina		0.52	5.99	0.00	2.05	4.14	0.33
Brazil		0.41	10.23	0.03	7.68	2.69	0.30
European Union		0.55	2.72	0.62	2.41	0.92	0.56
Major Importers 4/		0.83	20.10	6.32	25.37	0.20	1.68
China		0.39	17.20	0.40	17.00	0.11	0.87
India		0.19	1.85	3.97	5.40	0.01	0.60
North Africa 5/		0.24	0.74	1.28	1.98	0.08	0.19
<b>2023/24 Proj.</b>							
World 2/	Mar	4.91	61.68	10.78	60.86	11.50	5.01
	Apr	4.89	61.63	10.72	60.67	11.41	5.16
World Less China	Mar	4.03	44.12	10.38	43.06	11.30	4.18
	Apr	4.01	44.07	10.32	42.87	11.21	4.32
United States	Mar	0.73	12.26	0.20	12.34	0.14	0.72
	Apr	0.73	12.28	0.23	12.34	0.16	0.74
Total Foreign	Mar	4.18	49.43	10.58	48.52	11.37	4.29
	Apr	4.16	49.35	10.50	48.33	11.25	4.42
Major Exporters 3/	Mar	1.32	20.72	0.43	13.25	8.10	1.10
	Apr	1.27	20.72	0.53	13.21	7.99	1.32
Argentina	Mar	0.33	7.01	0.00	2.25	4.80	0.29
	Apr	0.33	7.01	0.00	2.25	4.80	0.29
Brazil	Mar	0.30	10.21	0.03	8.43	1.75	0.36
	Apr	0.30	10.21	0.03	8.43	1.75	0.36
European Union	Mar	0.61	2.83	0.40	2.51	0.90	0.44
	Apr	0.56	2.83	0.50	2.46	0.80	0.64
Major Importers 4/	Mar	1.72	20.79	5.87	26.28	0.28	1.82
	Apr	1.68	20.75	5.70	26.06	0.28	1.80
China	Mar	0.87	17.56	0.40	17.80	0.20	0.84
	Apr	0.87	17.56	0.40	17.80	0.20	0.84
India	Mar	0.60	1.89	3.30	5.15	0.02	0.62
	Apr	0.60	1.89	3.30	5.15	0.02	0.62
North Africa 5/	Mar	0.23	1.01	1.44	2.34	0.05	0.29
	Apr	0.19	0.95	1.30	2.11	0.05	0.28

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/ Includes Paraguay 4/ Includes Bangladesh 5/ Algeria, Egypt, Morocco, and Tunisia. Totals may not add due to rounding.

WASDE - 647 - 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>	
2022 Annual	28,291	26,996	55,471	46,207	5,222	51,999	107,470	9,117	226.4
2023 I	6,821	7,071	13,937	11,549	1,349	13,040	26,977	2,208	56.8
II	6,710	6,593	13,348	11,546	1,410	13,106	26,454	2,272	58.0
III	6,621	6,488	13,151	11,681	1,355	13,195	26,346	2,311	56.0
IV	6,812	7,149	14,006	11,611	1,343	13,090	27,097	2,352	55.5
Annual									
Mar Est.	26,963	27,301	54,442	46,387	5,457	52,431	106,873	9,142	226.4
Apr Est.	26,963	27,301	54,442	46,387	5,457	52,431	106,873	9,142	226.4
2024 I	6,565	7,110	13,718	11,725	1,305	13,173	26,891	2,258	56.6
II*	6,750	6,670	13,466	11,725	1,310	13,180	26,646	2,260	57.6
III*	6,590	6,835	13,471	11,850	1,360	13,355	26,826	2,320	56.1
IV*	6,550	7,475	14,073	11,800	1,400	13,340	27,413	2,385	56.0
Annual									
Mar Proj.	26,325	27,910	54,415	46,875	5,370	52,818	107,233	9,293	227.3
Apr Proj.	26,455	28,090	54,727	47,100	5,375	53,048	107,775	9,223	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>
2022 Annual	144.40	71.21	140.5	154.5	282.4	25.34
2023 I	160.92	54.83	124.5	170.8	315.9	21.93
II	179.02	56.69	139.3	156.2	135.8	19.30
III	184.27	69.27	115.3	132.5	135.8	19.37
IV	177.93	53.58	118.5	100.8	182.2	21.30
Annual						
Mar Est.	175.54	58.59	124.4	140.1	192.4	20.48
Apr Est.	175.54	58.59	124.4	140.1	192.4	20.48
2024 I	181.03	54.97	128.0	92.1	258.5	20.65
II*	185.00	68.00	137.0	103.0	200.0	20.65
III*	184.00	72.00	126.0	108.0	175.0	20.40
IV*	190.00	57.00	126.0	114.0	180.0	21.80
Annual						
Mar Proj.	183.0	61.0	127.0	108.0	180.0	21.25
Apr Proj.	185.0	63.0	129.0	104.0	203.0	20.90

\*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 - 647 - 32

## U.S. Meats Supply and Use

		Beginning Production		Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita	
		stocks	1/							2/ 3/
<i>Million Pounds /4</i>										
Beef	2022	676	28,359	3,390	32,425	3,544	723	28,157	59.1	
	2023 Est.	Mar	723	27,032	3,727	31,483	3,038	638	27,807	58.1
		Apr	723	27,032	3,727	31,483	3,038	638	27,807	58.1
	2024 Proj.	Mar	638	26,393	4,175	31,206	2,785	615	27,806	57.8
		Apr	638	26,523	4,175	31,336	2,805	585	27,946	58.1
Pork	2022	446	27,011	1,344	28,800	6,345	504	21,951	51.1	
	2023 Est.	Mar	504	27,316	1,143	28,963	6,818	471	21,674	50.2
		Apr	504	27,316	1,143	28,963	6,818	471	21,674	50.2
	2024 Proj.	Mar	471	27,925	1,185	29,582	7,130	465	21,987	50.6
		Apr	471	28,105	1,205	29,782	7,340	435	22,007	50.7
Total Red Meat 5/	2022	1,147	55,564	5,092	61,804	9,895	1,256	50,653	111.6	
	2023 Est.	Mar	1,256	54,535	5,154	60,945	9,861	1,130	49,954	109.5
		Apr	1,256	54,535	5,154	60,945	9,861	1,130	49,954	109.5
	2024 Proj.	Mar	1,130	54,508	5,671	61,309	9,920	1,101	50,288	109.7
		Apr	1,130	54,820	5,700	61,650	10,150	1,042	50,459	110.1
Broiler	2022	705	45,713	176	46,594	7,290	892	38,412	98.9	
	2023 Est.	Mar	892	45,890	131	46,914	7,265	835	38,814	99.5
		Apr	892	45,890	131	46,914	7,265	835	38,814	99.5
	2024 Proj.	Mar	835	46,373	215	47,423	7,165	860	39,398	100.4
		Apr	835	46,596	178	47,609	7,060	800	39,749	101.3
Turkey	2022	166	5,222	85	5,473	407	190	4,877	14.6	
	2023 Est.	Mar	190	5,457	43	5,689	489	243	4,957	14.8
		Apr	190	5,457	43	5,689	489	243	4,957	14.8
	2024 Proj.	Mar	243	5,370	51	5,664	520	195	4,949	14.7
		Apr	243	5,375	31	5,649	520	200	4,929	14.6
Total Poultry 6/	2022	874	51,504	268	52,646	7,716	1,087	43,843	115.2	
	2023 Est.	Mar	1,087	51,934	178	53,200	7,774	1,085	44,341	115.9
		Apr	1,087	51,934	178	53,200	7,774	1,085	44,341	115.9
	2024 Proj.	Mar	1,085	52,316	272	53,673	7,703	1,061	44,909	116.8
		Apr	1,085	52,543	212	53,840	7,605	1,006	45,229	117.6
Red Meat & Poultry	2022	2,021	107,068	5,361	114,450	17,611	2,343	94,496	226.8	
	2023 Est.	Mar	2,343	106,470	5,332	114,145	17,635	2,215	94,295	225.4
		Apr	2,343	106,470	5,332	114,145	17,635	2,215	94,295	225.4
	2024 Proj.	Mar	2,215	106,824	5,943	114,982	17,623	2,162	95,197	226.5
		Apr	2,215	107,364	5,912	115,491	17,755	2,048	95,688	227.7

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 - 647 - 33

## U.S. Egg Supply and Use

	2021	2022	2023 Est. Mar	2023 Est. Apr	2024 Proj. Mar	2024 Proj. Apr
<b>Eggs</b>	<i>Million Dozen</i>					
<b>Supply</b>						
Beginning Stocks	24.5	19.1	18.8	18.8	23.1	23.1
Production	9,402.0	9,116.6	9,142.4	9,142.4	9,293.0	9,223.0
Imports	18.2	26.0	27.6	27.6	26.0	26.0
<b>Total Supply</b>	<b>9,444.7</b>	<b>9,161.7</b>	<b>9,188.7</b>	<b>9,188.7</b>	<b>9,342.1</b>	<b>9,272.1</b>
<b>Use</b>						
Exports	392.1	226.5	250.4	250.4	241.0	246.0
Hatching Use	1,103.9	1,117.9	1,111.8	1,111.8	1,125.0	1,125.0
Ending Stocks	19.1	18.8	23.1	23.1	22.0	23.0
Disappearance						
<b>Total</b>	<b>7,929.5</b>	<b>7,798.6</b>	<b>7,803.4</b>	<b>7,803.4</b>	<b>7,954.1</b>	<b>7,878.1</b>
Per Capita (number)	286.3	280.5	279.3	279.3	283.3	280.6

## U.S. Milk Supply and Use

	2021	2022	2023 Est. Mar	2023 Est. Apr	2024 Proj. Mar	2024 Proj. Apr
<b>Milk</b>	<i>Billion Pounds</i>					
<b>Production</b>						
Farm Use	1.0	1.0	1.0	1.0	1.0	1.0
<b>Fat Basis Supply</b>						
Beginning Stocks	15.6	14.3	14.4	14.4	13.8	13.8
Marketings	225.2	225.4	225.4	225.4	226.3	225.3
Imports	6.5	7.1	7.4	7.4	7.7	8.0
<b>Total Supply</b>	<b>247.4</b>	<b>246.8</b>	<b>247.1</b>	<b>247.1</b>	<b>247.7</b>	<b>247.1</b>
<b>Fat Basis Use</b>						
Exports	11.5	13.4	10.6	10.6	11.1	11.3
Ending Stocks	14.3	14.4	13.8	13.8	11.9	12.8
Domestic Use	221.5	219.1	222.8	222.8	224.7	223.0
<b>Skim-solid Basis Supply</b>						
Beginning Stocks	10.9	11.1	11.7	11.7	9.9	9.9
Marketings	225.2	225.4	225.4	225.4	226.3	225.3
Imports	5.8	6.7	6.3	6.3	6.7	6.8
<b>Total Supply</b>	<b>241.9</b>	<b>243.2</b>	<b>243.3</b>	<b>243.3</b>	<b>242.8</b>	<b>242.0</b>
<b>Skim-solid Basis Use</b>						
Exports	50.6	52.9	49.9	49.9	50.0	49.7
Ending Stocks	11.1	11.7	9.9	9.9	9.4	9.4
Domestic Use	180.1	178.7	183.5	183.5	183.4	182.9

Note: Totals may not add due to rounding.

## WASDE - 647 - 34

## U.S. Dairy Prices

	2021	2022	2023 Est. Mar	2023 Est. Apr	2024 Proj. Mar	2024 Proj. Apr
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.6755	2.1122	1.7593	1.7593	1.710	1.620
Butter	1.7325	2.8665	2.6170	2.6170	2.800	2.925
Nonfat Dry Milk	1.2693	1.6851	1.1856	1.1856	1.210	1.180
Dry Whey	0.5744	0.6057	0.3618	0.3618	0.450	0.425
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	17.08	21.96	17.02	17.02	17.15	16.20
Class IV	16.09	24.47	19.12	19.12	20.10	20.40
All Milk 3/	18.53	25.34	20.48	20.48	21.25	20.90

All prices are January-December averages. 1/ Simple average of monthly prices calculated by AMS from weekly average dairy product prices for class price computations. 2/ Annual Class III and Class IV prices are the simple averages of monthly minimum Federal order milk prices paid by regulated plants for milk used in the respective classes. All milk price is the simple average of monthly prices received by farmers for milk at average test. 3/ Does not reflect any deductions from producers as authorized by legislation.

## WASDE - 647 - 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 1.9 million tons, ranging from 0.1 million to 6.8 million tons. The April projection has been below the estimate 28 times and above 14 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Below Final	Above Final
	<i>Percent</i>		<i>Million Metric Tons</i>				
WHEAT							
Production							
World	0.5	0.8	1.9	0.1	6.8	28	14
U.S.	0.2	0.3	0.1	0.0	0.3	19	11
Foreign	0.5	0.9	1.9	0.2	6.8	28	14
Exports							
World	3.9	6.5	4.3	0.4	14.3	33	9
U.S.	2.5	4.2	0.6	0.0	2.1	18	23
Foreign	4.9	8.3	4.3	0.1	13.3	33	9
Domestic Use							
World	0.7	1.2	3.4	0.1	9.4	19	23
U.S.	3.1	5.2	0.7	0.0	2.2	16	26
Foreign	0.7	1.2	3.2	0.0	9.6	19	22
Ending Stocks							
World	3.1	5.2	4.1	0.0	14.5	29	12
U.S.	7.9	13.4	0.9	0.0	4.1	26	16
Foreign	3.4	5.7	3.6	0.0	12.6	30	11
COARSE GRAINS 2/							
Production							
World	1.0	1.8	9.1	0.3	42.1	34	8
U.S.	0.2	0.3	0.2	0.0	1.8	17	11
Foreign	1.5	2.5	9.2	0.3	42.1	34	8
Exports							
World	4.6	7.7	4.9	0.1	21.8	30	12
U.S.	6.6	11.2	2.7	0.0	7.2	23	19
Foreign	7.3	12.3	4.9	0.3	21.2	32	10
Domestic Use							
World	0.9	1.5	6.5	0.0	20.3	19	23
U.S.	2.3	3.8	3.1	0.1	16.8	16	26
Foreign	1.0	1.7	6.2	0.2	22.7	25	17
Ending Stocks							
World	9.4	15.8	12.1	0.2	144.9	36	6
U.S.	10.8	18.2	3.5	0.0	12.1	20	22
Foreign	11.8	20.0	10.6	0.5	144.9	36	6
RICE, milled							
Production							
World	1.2	2.1	3.3	0.0	13.3	34	8
U.S.	1.3	2.2	0.0	0.0	0.2	11	5
Foreign	1.3	2.1	3.3	0.0	13.3	34	8
Exports							
World	7.8	13.1	1.6	0.1	4.5	32	10
U.S.	6.2	10.5	0.1	0.0	0.5	19	20
Foreign	8.6	14.5	1.5	0.0	4.4	32	10
Domestic Use							
World	1.1	1.8	3.1	0.1	13.7	30	12
U.S.	6.9	11.6	0.2	0.0	0.5	16	25
Foreign	1.1	1.8	3.0	0.2	13.4	30	12
Ending Stocks							
World	7.9	13.3	4.4	0.1	26.1	29	13
U.S.	18.2	30.7	0.2	0.0	0.4	25	17
Foreign	8.2	13.9	4.4	0.1	26.1	28	14

1/ Footnotes at end of table.

CONTINUED

## WASDE - 647 - 36

## Reliability of April Projections (Continued) 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average			Years	
Average			Smallest	Largest	Below Final	Above Final	
SOYBEANS	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	1.6	2.7	2.6	0.2	7.9	25	17
U.S.	1.3	2.3	0.7	0.0	3.2	18	17
Foreign	2.6	4.4	2.3	0.0	8.1	27	15
Exports							
World	5.0	8.4	2.8	0.1	13.2	26	16
U.S.	5.4	9.2	1.4	0.0	6.3	28	14
Foreign	11.2	18.8	2.6	0.2	15.9	23	19
Domestic Use							
World	1.7	2.9	2.7	0.0	10.3	22	20
U.S.	2.2	3.7	0.9	0.1	2.4	26	16
Foreign	2.1	3.5	2.3	0.0	10.4	20	22
Ending Stocks							
World	11.1	18.7	3.5	0.0	13.2	25	17
U.S.	34.5	58.1	1.7	0.1	6.8	17	25
Foreign	12.2	20.5	3.2	0.0	12.8	27	15
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	1.6	2.8	1.2	0.0	5.2	30	11
U.S.	0.4	0.7	0.0	0.0	0.2	17	17
Foreign	2.0	3.3	1.2	0.0	5.1	29	12
Exports							
World	4.3	7.2	1.1	0.1	4.2	26	16
U.S.	4.6	7.7	0.4	0.0	1.4	19	20
Foreign	5.6	9.4	1.0	0.1	3.9	25	17
Domestic Use							
World	2.2	3.8	1.6	0.0	8.5	24	18
U.S.	6.2	10.5	0.2	0.0	0.8	19	18
Foreign	2.2	3.7	1.6	0.2	7.8	24	18
Ending Stocks							
World	7.0	11.7	3.0	0.0	9.0	27	15
U.S.	13.9	23.3	0.4	0.0	1.6	18	24
Foreign	7.5	12.5	2.9	0.1	9.1	25	17

1/ Marketing years 1981/82 through 2022/23 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 2021/22, and for 2022/23 the last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

## WASDE - 647 - 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	Years Below Final	Years Above Final
<b>CORN</b>	<i>Percent</i>		<i>Million Bushels</i>				
Production	0.2	0.3	6	0	72	1	6
Exports	6.8	11.4	100	13	248	20	22
Domestic Use	2.1	3.6	110	5	474	17	25
Ending Stocks	12.4	20.8	140	3	470	20	22
<b>SORGHUM</b>							
Production	0.1	0.2	0	0	4	0	2
Exports	11.8	19.8	20	0	72	28	13
Domestic Use	10.0	16.9	22	0	158	16	24
Ending Stocks	37.6	63.3	20	0	148	18	23
<b>BARLEY</b>							
Production	0.9	1.6	1	0	11	21	4
Exports	16.3	27.4	3	0	13	11	25
Domestic Use	5.5	9.2	11	0	64	20	19
Ending Stocks	12.5	21.0	12	0	52	25	16
<b>OATS</b>							
Production	0.4	0.7	0	0	2	5	4
Exports	32.1	54.0	0	0	3	7	6
Domestic Use	3.9	6.5	8	0	26	12	27
Ending Stocks	14.2	23.9	9	1	30	27	15
<b>SOYBEAN MEAL</b>	<i>Thousand Short Tons</i>						
Production	2.6	4.4	805	4	2,667	31	11
Exports	7.8	13.2	558	25	2,326	32	10
Domestic Use	2.2	3.6	513	100	2,066	28	14
Ending Stocks	33.8	56.9	68	0	253	16	24
<b>SOYBEAN OIL</b>	<i>Million Pounds</i>						
Production	2.6	4.3	383	15	1,058	31	11
Exports	17.2	29.0	229	0	777	27	14
Domestic Use	1.9	3.2	254	0	576	24	17
Ending Stocks	17.2	28.9	238	5	753	27	15
<b>ANIMAL PROD.</b>	<i>Million Pounds</i>						
Beef	2.3	3.9	474	19	1,388	27	15
Pork	2.1	3.5	303	10	983	24	18
Broilers	1.3	2.3	318	6	1,006	28	14
Turkeys	2.6	4.4	105	3	398	19	23
	<i>Million Dozen</i>						
Eggs	1.6	2.7	92	4	433	28	14
	<i>Billion Pounds</i>						
Milk	1.1	1.9	1.4	0.0	5.2	20	21

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2022/23 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 2022/23. Calendar years 1982 through 2022 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2022.

---

## 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**

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



**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](mailto:mirvat.sewadeh@usda.gov)

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

**WASDE-647 – April 11, 2024**

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, audiotape, 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.