

World Agricultural Supply and Demand Estimates

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Note: This report presents USDA's initial assessment of U.S. and world crop supply and demand prospects and U.S. prices for 2018/19. Also presented are the first calendar-year 2019 projections of U.S. livestock, poultry, and dairy products. Due to spring planting still underway in the Northern Hemisphere, and being several months away in the Southern Hemisphere, these projections are highly tentative. Forecasts for U.S. winter wheat area, yield, and production are from the May 10 *Crop Production* report. For other U.S. crops, the March 29 *Prospective Plantings* report is used for planted acreage. Methods used to project 2018/19 harvested acreage and yield are noted in each table.

WHEAT: The 2018/19 U.S. wheat crop is projected at 1,821 million bushels, up 5 percent from the prior year. The year-over-year increase is due to greater harvested area and slightly higher yield. Reduced beginning stocks and imports bring total supplies down 49 million bushels from the previous year. The all wheat yield is projected at 46.8 bushels per acre, up slightly from 2017/18. Winter wheat yields are below average in the drought affected states of Kansas, Oklahoma, and Texas. Combined spring wheat and Durum production for 2018/19 is projected to increase 34 percent from the previous year's low, which is due to both increased area and yield.

Total 2018/19 use is projected up 3 percent on higher food, feed and residual, and exports. Food use is projected at a record 965 million bushels, up 2.0 million bushels from the previous year's revised estimate. U.S. feed and residual use is projected at 120 million bushels, up 50 million bushels from last year's low level but still below the 5-year-average. Exports are projected at 925 million bushels, up 15 million bushels from the revised 2017/18 total. Ending stocks for 2018/19 are projected down 115 million bushels to 955 million, which if realized would be a 4-year-low. The season-average farm price is projected at a range of \$4.50 to \$5.50 per bushel. The midpoint of this range is up \$0.30 per bushel from the previous year and the highest since 2014/15.

Global wheat supplies for 2018/19 are projected to increase fractionally as higher beginning stocks are partially offset by a production decline following last year's record. Global wheat production is projected at 747.8 million tons, down 10.6 million from the previous year's record. Most of the year-over-year production decline stems from a 13.0-million-ton reduction for Russia. Global wheat consumption is projected at a record 753.9 million tons, up 10.1 million from 2017/18. Global imports are expected to increase 3.5 million tons in 2018/19 for the sixth consecutive record. With total use rising faster than supplies, global ending stocks are projected to decline 6.1 million tons to 264.3 million.

COARSE GRAINS: The U.S. feed-grain outlook for 2018/19 is for lower production, domestic use, exports and ending stocks. The corn crop is projected at 14.0 billion bushels, down from last year with a lower forecast area and yield. The yield projection of 174.0 bushels per acre is based on a weather-adjusted trend assuming normal planting progress and summer growing season weather, estimated using the 1988-2017 time period. With beginning stocks down from a year ago, total corn supplies at 16.3 billion bushels, if realized would be down 675 million from the prior year.

Total U.S. corn use in 2018/19 is forecast to decline modestly from a year ago on reductions in domestic use and exports. Food, seed, and industrial (FSI) use is projected to rise 75 million bushels to 7.1 billion, driven by an expected increase in the amount of corn used to produce ethanol for fuel and growth in non-ethanol FSI. Corn used to produce ethanol is up 50 million bushels mostly reflecting expectations of gasoline consumption growth. Sorghum FSI is up 55 million bushels on an expected increase in the amount of sorghum used to produce ethanol. Feed and residual use for corn is projected lower as a smaller crop, increased use of ethanol by-products, and higher expected prices more than offset growth in grain consuming animal units.

U.S. corn exports are forecast to decline 125 million bushels in 2018/19. Reduced exports out of Argentina and Brazil during 2017/18 (local marketing years beginning March 2018) are expected to boost U.S. exports during the first half of 2018/19. However, a nearly 265-million-bushel increase in the combined corn exports for Ukraine and Russia in 2018/19 will likely increase competition for the United States, reducing the forecast U.S. share of global corn trade from a year ago. With total U.S. corn supply falling faster than use, 2018/19 U.S. ending stocks are down 500 million bushels from last year to 1.7 billion. The season-average farm price is projected at \$3.30 to \$4.30 per bushel, up 40 cents at the midpoint from 2017/18.

The global coarse grain outlook for 2018/19 is for higher production, increased use and lower ending stocks. Corn production is forecast up from a year ago, with the largest increases for China, Brazil, Argentina, Ukraine, and Russia. Global corn use is expected to grow 2 percent, while global corn imports are projected to increase 5 percent. Notable forecast increases in corn imports include Vietnam, China, Bangladesh, Iran, Malaysia, Mexico, and Saudi Arabia. Global corn ending stocks are down 35.8 million tons from a year ago, and if realized would be the lowest since 2012/13.

For China, total corn supply is down 11 million tons in 2018/19, as larger production and imports are more than offset by lower beginning stocks. Corn area is projected higher based on current cash and futures prices that are above a year ago. Total coarse grain imports are forecast at 16.1 million tons, down 1.1 million from 2017/18, but still the fourth largest in the world behind Mexico, Japan, and the EU. World market prices for coarse grains are expected to remain below China's domestic corn prices, particularly in the feed deficit south, thus driving expected demand for imported feedstuffs in 2018/19.

RICE: The 2018/19 outlook for U.S. rice is for higher supplies, exports, domestic use, and ending stocks. U.S. all rice production is projected at 203.2 million cwt, up 14 percent from the previous year, primarily on a larger expected long-grain crop. Total rice supplies are projected to increase 5 percent to 263.5 million cwt, mainly on long-grain.

U.S. 2018/19 total use is projected at 223.0 million cwt, up 3 percent from 2017/18 with both domestic and residual use and exports higher. Long-grain exports are projected up 4 percent to 72.0 million cwt on improved price competitiveness with increased exportable supplies. Medium- and short-grain exports are projected 7 percent higher to 29.0 million cwt on expanding exports to the Mediterranean region with reduced Egyptian competition. All rice ending stocks are projected at 40.5 million cwt, up 18 percent from 2017/18 with most of the increase for long-grain. The 2018/19 all rice season-average farm price is projected at \$11.90 to \$12.90 per cwt, down \$0.20 from last year's revised midpoint.

The 2018/19 global rice outlook is for record-high production, consumption, and trade. World rice production is projected at 489.5 million tons, up slightly from 2017/18 primarily on larger crops for Bangladesh, Thailand, and the United States more than offsetting reductions for China and India. Global rice consumption is projected at 488.6 million tons, up 2 percent from 2017/18 and led by China. Global exports are projected at 49.3 million tons, up modestly from 2017/18 but continuing the multi-year trend of expanding exports. World 2018/19 ending stocks are projected at 144.7 million tons, up marginally from 2017/18. China is projected to hold the majority of stocks at 67 percent of the total.

OILSEEDS: The 2018/19 outlook for U.S. soybeans is for higher supplies, crush, exports, and lower ending stocks compared to 2017/18. The soybean crop is projected at 4,280 million bushels, down 112 million from last year's record crop on lower harvested area and trend yields. With higher beginning stocks, soybean supplies are projected at 4,835 million bushels, up 2 percent from 2017/18. Total U.S. oilseed production for 2018/19 is forecast at 127.3 million tons, down 3.7 million from 2017/18 mainly on lower soybean production. Production forecasts are also lower for peanuts, cottonseed, and sunflowerseed, but higher for canola.

The U.S. soybean crush for 2018/19 is projected at 1,995 million bushels, up slightly from the revised 2017/18 forecast with higher soybean meal disappearance offset by lower projected soybean meal exports. Soybean meal exports are forecast lower as Argentina's export share recovers from the effects

of drought in 2017/18. U.S. soybean exports are forecast at 2,290 million bushels for 2018/19, up 225 million from 2017/18. With forecast global soybean import growth of 5 percent, the U.S. soybean export share is projected at 39 percent, up from 2017/18 but otherwise the lowest since 2012/13. Reduced stocks in South America this fall will limit export competition during the first half of the 2018/19 marketing year. U.S. ending stocks for 2018/19 are projected at 415 million bushels, down 115 million from the revised 2017/18 forecast. The 2018/19 U.S. season-average soybean price range is forecast at \$8.75 to \$11.25 per bushel compared with \$9.35 per bushel in 2017/18. Soybean meal prices are forecast at \$330 to \$370 per short ton, compared with \$360 per ton for 2017/18. Soybean oil prices are forecast at 29.5 to 33.5 cents per pound compared with 30.5 cents for 2017/18.

The 2018/19 global oilseed supply and demand forecasts include higher production, crush, exports, and lower ending stocks compared to 2017/18. Global oilseed production is projected up 20.9 million tons to 593.7 million, with higher soybean, sunflower, rapeseed, palm kernel, and copra partly offset by lower peanuts and cottonseed. Global soybean production is projected up 17.8 million tons to 354.5 million mostly due to recovery from drought in Argentina. Soybean production for Argentina is projected up 17.0 million tons to 56.0 million. Production for Brazil is flat with the revised 2017/18 crop at 117 million tons as a 4 percent increase in harvested area is offset with a return to trend yields. The 2018/19 soybean crop for China is down 0.1 million tons to 14.1 million with a lower yield and flat harvested area as producers expand area in more profitable crops.

Global protein meal consumption is projected to increase 4 percent in 2018/19, with China accounting for the largest share of the increase despite below-average growth in protein meal consumption. As a result of higher protein meal demand, global crush is projected up 19.9 million tons to 509.4 million and protein meal exports are up 1.7 million tons to 90.4 million. Global vegetable oil consumption is projected at 198.6 million tons, up 7.1 million led by increases for China, India, and Indonesia. Soybean oil production gains are forecast for China and palm oil gains for Indonesia and Malaysia. Global vegetable oil ending stocks are projected up 2.0 million tons and nearing levels seen prior to the impact of El Niño on vegetable oil production in 2015/16.

Global oilseed exports are up 11.2 million tons to 186.4 million in 2018/19, with soybeans accounting for most of the increase. Soybean exports for Argentina and the United States are expected to regain global market share after declining in 2017/18. China soybean imports are forecast to reach a record 103 million tons, up 6 million from 2017/18. With higher soybean crush and exports, global soybean ending stocks are down 5.5 million tons to 86.7 million.

SUGAR: U.S. beet sugar production for the 2018/19 August/July crop year is forecast at 4.980 million short tons, raw value (STRV) based on prospective plantings from NASS, recent year trends in yields, and the pace of plantings through early May. Adjustments for production in August/September result in fiscal year (FY) 2017/18 production at 5.221 million STRV and FY 2018/19 production at 5.036 million. U.S. cane sugar production for 2018/19 is projected at 3.945 million STRV based on yield trends and expected area harvested. Imports for 2018/19 are projected at 3.365 million STRV and are comprised of TRQ imports of 1.355 million; re-export imports of 350,000; imports from Mexico of 1.645 million; and high-tier tariff imports of 15,000. Projected 2018/19 TRQ imports of specialty sugar include only the WTO minimum quantity as additional quantities have not been announced by the Secretary of Agriculture. Exports for 2018/19 are projected at 50,000 STRV and deliveries to domestic users are projected at 12.655 million. Ending stocks are residually projected at 1.542 million STRV, implying a stocks-to-use ratio of 12.1 percent.

Mexico sugar production for 2017/18 is estimated at 5.970 million metric tons (MT) based on lower estimated area harvested. Deliveries for human consumption for 2017/18 are reduced by 159,035 MT based on the slow pace in the first half of the year that is to be only partially offset by an expected increase in pace during the second half. Ending stocks are estimated at 1.243 million for domestic consumption in 2018/19 before the start of the campaign and for refined sugar that can be exported to the United States in 2018/19 at a higher return than expected in the world market. Exports for 2017/18 to non-U.S. destinations are residually reduced by 155,388 MT.

Mexico sugar production for 2018/19 is projected at 6.025 million MT assuming area harvested at 780,000 hectares, cane yield of 68.8 MT per hectare, and industrial recovery of 11.23 percent. Relatively higher per capita 2018/19 sweetener consumption, at 48.5 kilograms, reflects lower domestic sugar prices than witnessed in 2017/08. With high fructose corn syrup consumption at the same level as in 2017/18, sugar deliveries for human consumption are projected at 4.562 million MT. Exports include shipments to the U.S. market-projected at the expected level of U.S. Needs as defined in the amended Suspension Agreements-plus 10,000 MT to non-U.S. destinations. Ending stocks are projected residually at 983,073 MT.

LIVESTOCK, POULTRY, AND DAIRY: Total U.S. red meat and poultry production for 2019 is forecast above 2018. Beef production is forecast above 2018 on higher slaughter and heavier carcass weights. Pork production in 2019 is forecast to increase as expected growth in farrowings and pigs per litter will support larger pig crops. Hog weights are also forecast higher in 2019. Broiler production is expected to surpass 2018 as the industry responds to favorable broiler prices. Turkey production is forecast to slowly increase as prices move above year-earlier levels beginning in late 2018. Egg production is forecast higher as the sector continues to respond to favorable prices during much of 2018.

The total red meat and poultry production forecast for 2018 is lowered from last month. Cattle slaughter in the second quarter has been slower than anticipated, and the pace of marketings in the second half of the year is slowed. However, carcass weights are increased for second half of the year, partly offsetting the reduction in the slaughter forecast. The second-quarter pork production forecast is reduced on the current pace of slaughter, but the forecast for the second half of the year is unchanged. Broiler production is adjusted for March slaughter data, the forecast is unchanged. Turkey production forecasts are reduced from the previous month on slow recovery in demand and lower first-quarter-production. Egg production for 2018 is reduced slightly on first-quarter-production data; no change is made to the outlying quarters.

For 2019, larger beef supplies and firm global demand are expected to support stronger U.S. beef exports relative to 2018. Pork exports are forecast to increase next year as expanding supplies and competitive prices support demand for U.S. pork. Beef and pork imports are forecast higher in 2019. Broiler exports are forecast higher on expected continued gains in foreign demand.

Changes to the 2018 red meat and poultry exports reflect March trade data, with no change to the outlying forecast. No change is made to the forecasts for beef imports for the outlying quarters, but pork imports are raised from the previous month on the current pace of trade.

Egg supply and use tables are revised to reflect changes in egg trade and stock numbers. Information on the changes and historical supply and use data can be found at: <https://www.usda.gov/oce/commodity/wasde/historical.htm>

For 2019, fed cattle and hog prices are forecast above 2018 as relatively strong demand absorbs expected increases in supplies. The 2019 broiler price is forecast lower than the previous year on increasing supplies and competition from expanding red meat supplies. Turkey prices are forecast to increase with slow growth in supply and strengthening demand. Egg prices are reduced in 2019 with slow growth in strengthening the spikes in early 2018 prices are not expected to be repeated in 2019. However, demand is expected to remain robust, in the face of increased production.

The 2018 cattle price is little changed from last month, but the hog price is reduced. Broiler prices are raised on demand strength. The 2018 egg price forecast is reduced on current second-quarter prices, no change is made to outlying quarters. Turkey prices are lowered as the market continues to balance supplies with weaker-than-expected demand.

Milk production for 2019 is forecast higher on gradual recovery in milk per cow. Cow numbers are expected to remain near 2018 levels. Commercial exports on both a fat and skim-solids basis are forecast higher than the previous year on robust global demand. Fat and skim-solids basis imports are unchanged from 2018. With stronger expected domestic and export demand, cheese, nonfat dry milk (NDM), and whey prices are forecast higher for 2019. Butter prices are forecast slightly lower. The Class III price is forecast higher on

stronger cheese and whey prices. The Class IV price is forecast higher also as a stronger expected NDM price more than offsets the lower butter price. The 2019 all milk price is forecast at \$16.25 to \$17.25 per cwt, slightly higher than 2018.

The 2018 milk production forecast is reduced from the previous month on lowered milk cow numbers and slow growth in milk per cow. Exports are raised from the previous month on both a fat and skim-solids basis on strong global demand. Imports are lowered on a fat and skim-solids basis. Cheese, butter, NDM and whey prices are raised from the previous month resulting in both Class III and Class IV prices being raised. The 2018 all milk price is increased to \$16.20 to \$16.70 per cwt.

COTTON: The U.S. cotton projections for 2018/19 include smaller production, unchanged exports, and slightly higher ending stocks compared with 2017/18. Production is forecast at 19.5 million bales, based on 13.5 million planted acres as indicated in the March *Prospective Plantings* report. While planted area is expected higher in 2018/19, reduced precipitation to date in the Southwest suggests abandonment will likely rise from 2017/18's below-average level. With higher abandonment and the U.S. yield falling from the previous year's record-high, production is projected 7 percent lower than in 2017/18. Domestic mill use in 2018/19 is projected slightly higher at 3.4 million bales, while exports are expected to remain unchanged at 15.5 million. At 5.2 million bales, 2018/19 ending stocks are projected 500,000 bales higher than the year before, and equivalent to 28 percent of total use. The range for the marketing year average price received by producers is 55.0 to 75.0 cents per pound.

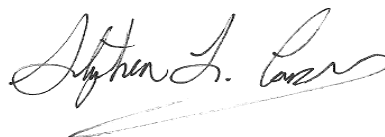
For 2017/18, U.S. cotton production is reduced marginally from last month. The export forecast is increased 500,000 bales to 15.5 million bales as the expected U.S. share of world trade rises, with ending stocks lowered accordingly.

The world 2018/19 cotton projections show a decline in stocks of 4.5 million bales, as consumption once again exceeds production. Global production is expected to fall marginally, as area declines 1 percent. Expected production in India—the world's largest producer—is unchanged from 2017/18. Lower production in the United States, Australia, and China is nearly offset by higher expected crops in Pakistan, Turkey, and Brazil. Global consumption is projected to rise 3.9 percent to a new record high, as a growing world economy drives mill use higher around the world. Projected world trade is raised from 2017/18, as import-oriented consumers such as Vietnam and Bangladesh are accounting for a larger share of world consumption, and China's imports rise. Ending stocks are projected down 4.5 million bales year to year, at 83.8 million bales, 67 percent of world consumption. An even larger decline is expected in China's stocks, and stocks outside of China are expected to rise for the third consecutive year.

For 2017/18, both world production and consumption is increased about 300,000 bales from last month, leaving ending stocks virtually unchanged. Production is higher in Uzbekistan and Australia and consumption is higher in Turkey and Uzbekistan. Australia's expected exports are 300,000 bales lower, while higher exports are now expected for the United States, Chad, Benin, and Uzbekistan.

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In 2018, the WASDE report will be released at 12:00pm Eastern Time on Jun 12, Jul 12, Aug 10, Sep 12, Oct 11, Nov 8, and Dec 11.

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

World			Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2016/17		2606.07	3231.03	428.77	2577.25	653.78
	2017/18 (Est.)		2563.30	3217.07	420.19	2580.12	636.95
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	2578.35	3215.31	434.58	2620.85	594.46
Wheat	2016/17		750.49	994.73	183.28	738.84	255.89
	2017/18 (Est.)		758.38	1014.27	182.05	743.81	270.46
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	747.76	1018.22	188.43	753.89	264.33
Coarse Grains 5/	2016/17		1368.92	1616.87	198.25	1355.76	261.11
	2017/18 (Est.)		1316.69	1577.80	189.73	1355.12	222.68
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	1341.10	1563.77	196.85	1378.33	185.45
Rice, milled	2016/17		486.67	619.43	47.24	482.66	136.78
	2017/18 (Est.)		488.23	625.01	48.41	481.19	143.81
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	489.50	633.31	49.30	488.63	144.68
United States							
Total Grains 4/	2016/17		472.56	556.09	96.92	363.41	95.76
	2017/18 (Est.)		437.29	541.33	90.73	362.47	88.14
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	425.82	522.01	86.06	363.83	72.12
Wheat	2016/17		62.83	92.60	28.72	31.75	32.13
	2017/18 (Est.)		47.37	83.72	24.77	29.83	29.13
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	49.57	82.37	25.17	31.22	25.98
Coarse Grains 5/	2016/17		402.61	454.15	64.50	327.48	62.17
	2017/18 (Est.)		384.26	449.67	62.91	328.83	57.92
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	369.80	431.27	57.68	328.74	44.85
Rice, milled	2016/17		7.12	9.34	3.70	4.17	1.46
	2017/18 (Est.)		5.66	7.95	3.05	3.81	1.09
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	6.45	8.37	3.21	3.87	1.29

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

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

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks	
Total Grains 4/	2016/17	2,133.51	2,674.94	331.85	2,213.84	558.02	
	2017/18 (Est.)	2,126.01	2,675.74	329.47	2,217.65	548.82	
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	2,152.53	2,693.30	348.52	2,257.01	522.35
Wheat	2016/17	687.66	902.13	154.56	707.08	223.76	
	2017/18 (Est.)	711.01	930.55	157.29	713.98	241.34	
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	698.19	935.85	163.26	722.67	238.35
Coarse Grains 5/	2016/17	966.30	1,162.71	133.75	1,028.27	198.94	
	2017/18 (Est.)	932.43	1,128.13	126.82	1,026.29	164.75	
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	971.30	1,132.50	139.17	1,049.59	140.59
Rice, milled	2016/17	479.55	610.10	43.54	478.49	135.31	
	2017/18 (Est.)	482.57	617.06	45.36	477.38	142.73	
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	483.05	624.95	46.09	484.76	143.40

1/ Aggregate of local marketing years. 2/ Based on export estimate. See individual commodity tables for treatment of export/import imbalances. 3/ Total foreign is equal to world minus United States. 4/ Wheat, coarse grains, and milled rice. 5/ Corn, sorghum, barley, oats, rye, millet, and mixed grains.

**World and U.S. Supply and Use for Cotton 1/
Million 480-lb. Bales**

		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks	
World	2016/17	106.66	201.66	37.38	114.76	86.92	
	2017/18 (Est.)	122.43	209.35	39.38	120.74	88.21	
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	121.19	209.39	41.12	125.44	83.75
United States	2016/17	17.17	20.98	14.92	3.25	2.75	
	2017/18 (Est.)	20.92	23.68	15.50	3.35	4.70	
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	19.50	24.21	15.50	3.40	5.20
Foreign 4/	2016/17	89.49	180.68	22.46	111.51	84.17	
	2017/18 (Est.)	101.51	185.67	23.88	117.39	83.51	
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	101.69	185.19	25.62	122.04	78.55

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

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

World			Output	Total Supply	Trade	Total Use 2/	Ending Stocks
Oilseeds	2016/17		576.11	668.23	170.63	470.03	110.12
	2017/18 (Est.)		572.79	682.91	175.13	489.50	107.08
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	593.72	700.80	186.35	509.38	100.05
	Oilmeals	2016/17		321.49	338.59	88.19	318.63
2017/18 (Est.)			334.69	351.30	88.72	332.54	14.78
2018/19 (Proj.)		Apr	NA	NA	NA	NA	NA
		May	348.48	363.26	90.38	345.21	14.71
Vegetable Oils		2016/17		189.29	210.64	81.13	184.11
	2017/18 (Est.)		198.62	218.90	81.14	191.51	21.44
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	206.21	227.65	83.71	198.63	23.43
	United States						
Oilseeds	2016/17		126.93	135.30	60.28	56.26	9.60
	2017/18 (Est.)		131.03	142.06	57.46	58.50	16.47
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	127.29	145.18	63.46	58.88	13.15
	Oilmeals	2016/17		43.11	47.31	10.83	36.07
2017/18 (Est.)			45.14	49.31	11.88	37.10	0.33
2018/19 (Proj.)		Apr	NA	NA	NA	NA	NA
		May	45.42	49.54	11.61	37.60	0.33
Vegetable Oils		2016/17		11.43	17.37	1.42	14.72
	2017/18 (Est.)		11.73	17.93	1.30	15.31	1.32
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	11.90	18.33	1.21	15.84	1.28
	Foreign 3/						
Oilseeds	2016/17		449.18	532.93	110.35	413.77	100.52
	2017/18 (Est.)		441.75	540.86	117.67	431.00	90.61
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	466.43	555.63	122.89	450.50	86.91
	Oilmeals	2016/17		278.37	291.28	77.36	282.56
2017/18 (Est.)			289.55	302.00	76.84	295.44	14.45
2018/19 (Proj.)		Apr	NA	NA	NA	NA	NA
		May	303.07	313.73	78.76	307.62	14.38
Vegetable Oils		2016/17		177.86	193.27	79.71	169.39
	2017/18 (Est.)		186.90	200.97	79.84	176.19	20.12
	2018/19 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	194.32	209.32	82.50	182.79	22.15

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

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U.S. Wheat Supply and Use 1/

	2016/17	2017/18 Est.	2018/19 Proj. Apr	2018/19 Proj. May
	<i>Million Acres</i>			
Area Planted	50.1	46.0	NA	47.3 *
Area Harvested	43.9	37.6	NA	38.9 *
	<i>Bushels</i>			
Yield per Harvested Acre	52.7	46.3	NA	46.8 *
	<i>Million Bushels</i>			
Beginning Stocks	976	1,181	NA	1,070
Production	2,309	1,741	NA	1,821
Imports	118	155	NA	135
Supply, Total	3,402	3,076	NA	3,027
Food	949	963	NA	965
Seed	61	63	NA	62
Feed and Residual	156	70	NA	120
Domestic, Total	1,167	1,096	NA	1,147
Exports	1,055	910	NA	925
Use, Total	2,222	2,006	NA	2,072
Ending Stocks	1,181	1,070	NA	955
Avg. Farm Price (\$/bu) 2/	3.89	4.70	NA	4.50 - 5.50

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
		<i>Million Bushels</i>					
2017/18 (Est.)	Beginning Stocks	589	235	215	105	36	1,181
	Production	750	385	292	258	55	1,741
	Supply, Total 3/	1,347	694	523	371	141	3,076
	Domestic Use	436	269	211	96	85	1,096
	Exports	360	230	90	205	25	910
	Use, Total	796	499	301	301	110	2,006
	Ending Stocks, Total	551	195	223	71	31	1,070
	Ending Stocks, Total	545	190	225	66	38	1,064

Note: Totals may not add due to rounding. 1/ Marketing year beginning June 1. 2/ Marketing-year weighted average price received by farmers. 3/ Includes imports. * Planted acres reported in the March 29, 2018, "Prospective Plantings." Harvested acres and yield for other spring wheat and Durum are projected using 10-year harvested-to-planted ratios by state and 1985-2017 yield trends by state (except for Arizona, California, and Idaho Durum). Winter wheat harvested acres and yield reported in the May 10, 2018, "Crop Production."

Wheat-by-class projections for 2017/18 will first be published in the July 12, 2018, WASDE.

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

	2016/17	2017/18 Est.	2018/19 Proj. Apr	2018/19 Proj. May
FEED GRAINS				
			<i>Million Acres</i>	
Area Planted	106.6	100.9	NA	99.0 *
Area Harvested	96.5	90.5	NA	88.8 *
			<i>Metric Tons</i>	
Yield per Harvested Acre	4.17	4.24	NA	4.16
			<i>Million Metric Tons</i>	
Beginning Stocks	48.1	62.1	NA	57.9
Production	402.3	384.0	NA	369.5
Imports	3.3	3.0	NA	3.3
Supply, Total	453.6	449.2	NA	430.8
Feed and Residual	144.6	143.8	NA	140.5
Food, Seed & Industrial	182.4	184.6	NA	187.8
Domestic, Total	327.0	328.4	NA	328.2
Exports	64.5	62.9	NA	57.7
Use, Total	391.5	391.3	NA	385.9
Ending Stocks	62.1	57.9	NA	44.8
CORN				
			<i>Million Acres</i>	
Area Planted	94.0	90.2	NA	88.0 *
Area Harvested	86.7	82.7	NA	80.7 *
			<i>Bushels</i>	
Yield per Harvested Acre	174.6	176.6	NA	174.0 *
			<i>Million Bushels</i>	
Beginning Stocks	1,737	2,293	NA	2,182
Production	15,148	14,604	NA	14,040
Imports	57	50	NA	50
Supply, Total	16,942	16,947	NA	16,272
Feed and Residual	5,472	5,500	NA	5,375
Food, Seed & Industrial 2/	6,883	7,040	NA	7,115
Ethanol & by-products 3/	5,432	5,575	NA	5,625
Domestic, Total	12,356	12,540	NA	12,490
Exports	2,293	2,225	NA	2,100
Use, Total	14,649	14,765	NA	14,590
Ending Stocks	2,293	2,182	NA	1,682
Avg. Farm Price (\$/bu) 4/	3.36	3.25 - 3.55	NA	3.30 - 4.30

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at www.ers.usda.gov/data-products/feed-grains-database.aspx. 3/ Corn processed in ethanol plants to produce ethanol and by-products including distillers' grains, corn gluten feed, corn gluten meal, and corn oil. 4/ Marketing-year weighted average price received by farmers. * Planted acres reported in the March 29, 2018, "Prospective Plantings." For corn, harvested acres projected based on historical abandonment and use for silage. The yield projection is based on a weather-adjusted trend assuming normal mid-May planting progress and summer growing season weather, estimated using the 1988-2017 time period, and includes a downward stochastic adjustment to account for the asymmetric response of yield to July precipitation. (For an explanation of the yield trend model see Westcott and Jewison, Weather Effects on Expected Corn and Soybean Yields, USDA-ERS, Feed Outlook No. (FDS-13G-01), July 2013, <https://www.ers.usda.gov/publications/pub-details/?pubid=36652>.)

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

SORGHUM	2016/17	2017/18 Est.	2018/19 Proj. Apr	2018/19 Proj. May
	<i>Million Bushels</i>			
Area Planted (mil. acres)	6.7	5.6	NA	5.9 *
Area Harvested (mil. acres)	6.2	5.0	NA	5.1 *
Yield (bushels/acre)	77.9	72.1	NA	67.3 *
Beginning Stocks	37	33	NA	29
Production	480	364	NA	343
Imports	2	2	NA	0
Supply, Total	519	399	NA	372
Feed and Residual	130	80	NA	80
Food, Seed & Industrial	115	45	NA	100
Total Domestic	245	125	NA	180
Exports	241	245	NA	165
Use, Total	485	370	NA	345
Ending Stocks	33	29	NA	27
Avg. Farm Price (\$/bu) 2/	2.79	3.10 - 3.30	NA	3.10 - 4.10
BARLEY				
Area Planted (mil. acres)	3.1	2.5	NA	2.3 *
Area Harvested (mil. acres)	2.6	2.0	NA	2.0 *
Yield (bushels/acre)	77.9	72.6	NA	73.5 *
Beginning Stocks	102	106	NA	65
Production	200	142	NA	147
Imports	10	10	NA	20
Supply, Total	312	258	NA	232
Feed and Residual	39	25	NA	25
Food, Seed & Industrial	162	162	NA	155
Total Domestic	201	187	NA	180
Exports	4	6	NA	5
Use, Total	205	193	NA	185
Ending Stocks	106	65	NA	47
Avg. Farm Price (\$/bu) 2/	4.96	4.50	NA	4.00 - 5.20
OATS				
Area Planted (mil. acres)	2.8	2.6	NA	2.7 *
Area Harvested (mil. acres)	1.0	0.8	NA	1.0 *
Yield (bushels/acre)	66.0	61.7	NA	66.0 *
Beginning Stocks	57	50	NA	21
Production	65	49	NA	66
Imports	90	87	NA	95
Supply, Total	212	187	NA	182
Feed and Residual	82	85	NA	75
Food, Seed & Industrial	76	78	NA	79
Total Domestic	158	163	NA	154
Exports	3	3	NA	2
Use, Total	162	166	NA	156
Ending Stocks	50	21	NA	26
Avg. Farm Price (\$/bu) 2/	2.06	2.55	NA	2.55 - 3.15

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers. * Planted acres reported in the March 29, 2018, "Prospective Plantings." Harvested area for sorghum, barley and oats based on historical average harvested-to-planted ratios. For sorghum the projected yield is the median yield for 1986-2017. For barley and oats, projected yields are based on the 1990-2017 trends. Yields shown reflect production rounding.

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

TOTAL RICE	2016/17	2017/18 Est.	2018/19 Proj.	2018/19 Proj.
			Apr	May
			<i>Million Acres</i>	
Area Planted	3.15	2.46	NA	2.69 *
Area Harvested	3.10	2.37	NA	2.67 *
			<i>Pounds</i>	
Yield per Harvested Acre	7,237	7,507	NA	7,610 *
			<i>Million Hundredweight</i>	
Beginning Stocks 2/	46.5	46.0	NA	34.3
Production	224.1	178.2	NA	203.2
Imports	23.5	26.0	NA	26.0
Supply, Total	294.1	250.3	NA	263.5
Domestic & Residual 3/	131.4	120.0	NA	122.0
Exports, Total 4/	116.7	96.0	NA	101.0
Rough	42.5	31.0	NA	34.0
Milled (rough equiv.)	74.2	65.0	NA	67.0
Use, Total	248.0	216.0	NA	223.0
Ending Stocks	46.0	34.3	NA	40.5
Avg. Milling Yield (%) 5/	70.00	70.00	NA	70.00
Avg. Farm Price (\$/cwt) 6/	10.40	12.40 - 12.80	NA	11.90 - 12.90

LONG-GRAIN RICE

Harvested Acres (mil.)	2.40	1.75		
Yield (pounds/acre)	6,927	7,314		
Beginning Stocks	22.7	31.0	NA	20.4
Production	166.5	127.9	NA	150.2
Supply, Total 7/	209.4	181.4	NA	193.1
Domestic & Residual 3/	99.7	92.0	NA	95.0
Exports 8/	78.7	69.0	NA	72.0
Use, Total	178.4	161.0	NA	167.0
Ending Stocks	31.0	20.4	NA	26.1
Avg. Farm Price (\$/cwt) 6/	9.61	11.60 - 11.80	NA	11.00 - 12.00

MEDIUM & SHORT-GRAIN RICE

Harvested Acres (mil.)	0.69	0.63		
Yield (pounds/acre)	8,311	8,048		
Beginning Stocks	20.9	11.5	NA	10.4
Production	57.7	50.4	NA	53.0
Supply, Total 7/	81.1	65.4	NA	66.9
Domestic & Residual 3/	31.7	28.0	NA	27.0
Exports 8/	37.9	27.0	NA	29.0
Use, Total	69.6	55.0	NA	56.0
Ending Stocks	11.5	10.4	NA	10.9
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	13.10	14.90 - 15.50	NA	14.70 - 15.70
California 10/	14.10	16.20 - 17.00	NA	16.50 - 17.50
Other States 1/	10.10	11.90 - 12.10	NA	11.20 - 12.20

Note: Totals may not add due to rounding. 1/ Marketing year beginning August 1. 2/ Includes the following quantities of broken kernel rice (type undetermined) not included in estimates of ending stocks by type (in mil. cwt): 2015/16-2.9; 2016/17-3.5; 2017/18-3.5. 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 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. For example, the average difference between the August WASDE SAFP forecast and the final price has averaged \$1.65 per cwt from 2008/09-2013/14, with a high of \$3.50 per cwt in 2008/09 and a low of \$0.60 per cwt in 2009/10. 10/ Marketing year beginning October 1. * Planted acres reported in March 29, 2018, "Prospective Plantings." Harvested acres are estimated using the average harvested-to-planted ratios by rice class, 2013-2017. Projected yield is based on by class trend analysis and prospective planting.

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

SOYBEANS	2016/17	2017/18 Est.	2018/19 Proj.	2018/19 Proj.
			Apr	May
			<i>Million Acres</i>	
Area Planted	83.4	90.1	NA	89.0 *
Area Harvested	82.7	89.5	NA	88.2 *
			<i>Bushels</i>	
Yield per Harvested Acre	52.0	49.1	NA	48.5 *
			<i>Million Bushels</i>	
Beginning Stocks	197	302	NA	530
Production	4,296	4,392	NA	4,280
Imports	22	25	NA	25
Supply, Total	4,515	4,718	NA	4,835
Crushings	1,901	1,990	NA	1,995
Exports	2,174	2,065	NA	2,290
Seed	105	103	NA	103
Residual	34	30	NA	32
Use, Total	4,213	4,188	NA	4,420
Ending Stocks	302	530	NA	415
Avg. Farm Price (\$/bu) 2/	9.47	9.35	NA	8.75 - 11.25
SOYBEAN OIL				
			<i>Million Pounds</i>	
Beginning Stocks	1,687	1,711	NA	1,896
Production 4/	22,123	22,885	NA	23,040
Imports	319	300	NA	300
Supply, Total	24,129	24,896	NA	25,236
Domestic Disappearance	19,862	20,700	NA	21,300
Biodiesel 3/	6,200	6,800	NA	7,300
Food, Feed & other Industrial	13,661	13,900	NA	14,000
Exports	2,556	2,300	NA	2,100
Use, Total	22,418	23,000	NA	23,400
Ending stocks	1,711	1,896	NA	1,836
Avg. Price (c/lb) 2/	32.48	30.50	NA	29.50 - 33.50
SOYBEAN MEAL				
			<i>Thousand Short Tons</i>	
Beginning Stocks	264	401	NA	300
Production 4/	44,787	47,099	NA	47,250
Imports	349	500	NA	350
Supply, Total	45,400	48,000	NA	47,900
Domestic Disappearance	33,399	35,000	NA	35,200
Exports	11,601	12,700	NA	12,400
Use, Total	45,000	47,700	NA	47,600
Ending Stocks	401	300	NA	300
Avg. Price (\$/s.t.) 2/	316.88	360.00	NA	330.00 - 370.00

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 only biodiesel made from methyl ester as reported by the U.S. Energy Information Administration. 4/ Based on an October year crush of 1,990 million bushels for 2017/18 and 1,995 million bushels for 2018/19. *Planted acres are reported in the March 29, 2018 Prospective Plantings report. Harvested acres are based on the 5-year planted-to-harvested ratio. The projected yield is based on a weather-adjusted trend model and assumes normal weather.

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U.S. Sugar Supply and Use 1/

	2016/17	2017/18 Est.	2017/18 Est.	2018/19 Proj.
		Apr	May	May
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	2,054	1,876	1,876	1,901
Production 2/	8,969	9,140	9,252	8,981
Beet Sugar	5,103	5,139	5,221	5,036
Cane Sugar	3,866	4,001	4,031	3,945
Florida	2,055	1,973	1,998	2,085
Hawaii	43	0	0	0
Louisiana	1,628	1,859	1,859	1,680
Texas	140	170	175	180
Imports	3,244	3,472	3,422	3,365
TRQ 3/	1,611	1,788	1,788	1,355
Other Program 4/	419	400	350	350
Other 5/	1,213	1,284	1,284	1,660
Mexico	1,201	1,269	1,269	1,645
Total Supply	14,267	14,489	14,551	14,247
Exports	95	150	170	50
Deliveries	12,258	12,480	12,480	12,655
Food 6/	12,102	12,325	12,325	12,500
Other 7/	156	155	155	155
Miscellaneous	38	0	0	0
Total Use	12,391	12,630	12,650	12,705
Ending Stocks	1,876	1,859	1,901	1,542
Stocks to Use Ratio	15.1	14.7	15.0	12.1

1/ Fiscal years beginning Oct 1. Historical data are from FSA "Sweetener Market Data" (SMD). 2/ Production projections for 2017/18 and 2018/19 are based on Crop Production and processor projections where appropriate. 3/ For 2017/18, WTO raw sugar TRQ shortfall (183) For 2018/19, WTO raw sugar TRQ shortfall (99). 4/ Includes sugar under the re-export and polyhydric alcohol programs. 5/ For 2017/18, other high-tier (15) and other (0). For 2018/19, other high-tier (15) and other (0). 6/For 2014/15, combines SMD deliveries for domestic human food use and SMD miscellaneous uses. 7/ Transfers to sugar-containing products for reexport, and for nonedible alcohol, feed, and ethanol.

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

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks
		<i>1,000 Metric Tons, Actual Weight</i>					
2017/18 Est.	Apr	1,002	6,050	170	4,886	1,347	989
	May	1,002	5,970	190	4,727	1,192	1,243
2018/19 Proj.	Apr	NA	NA	NA	NA	NA	NA
	May	1,243	6,025	84	4,952	1,418	983

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): Oct-Sep 2016/17 = 1,522, Estimated 2017/18 = 1,608; Oct - Mar 2016/17 = 713, Oct - Mar 2017/18 = 755; Projected 2018/19 = 1,608. Footnote source for estimate: Comite Nacional para el Desarrollo Sustentable de la Cana de Azucar. 2/Includes deliveries for consumption, Mexico's products export program (IMMEX), and Other Deliveries/Ending Year Statistical Adjustments. IMMEX: 2017/18 (390 est); 2018/19 (390). Other Deliveries/Ending Year Statistical Adjustments: 2017/18 (0), 2018/19 (0).

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U.S. Cotton Supply and Use 1/

	2016/17	2017/18 Est.	2018/19 Proj. Apr	2018/19 Proj. May
Area				
			<i>Million Acres</i>	
Planted	10.07	12.61	NA	13.47 *
Harvested	9.51	11.10	NA	11.13 *
			<i>Pounds</i>	
Yield per Harvested Acre	867	905	NA	841 *
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	3.80	2.75	NA	4.70
Production	17.17	20.92	NA	19.50
Imports	0.01	0.01	NA	0.01
Supply, Total	20.98	23.68	NA	24.21
Domestic Use	3.25	3.35	NA	3.40
Exports, Total	14.92	15.50	NA	15.50
Use, Total	18.17	18.85	NA	18.90
Unaccounted 2/	0.06	0.13	NA	0.11
Ending Stocks	2.75	4.70	NA	5.20
Avg. Farm Price 3/	68.0	67.00 - 69.00	NA	55.00 - 75.00

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton. *Planted area as reported in March 29, 2018 Prospective Plantings. Harvested area based on 10-year average abandonment by region. Yield based on 5-year average yields by region.

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

2016/17	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	244.24	750.49	179.14	146.77	738.84	183.28	255.89
United States	26.55	62.83	3.22	4.26	31.75	28.72	32.13
Total Foreign	217.69	687.66	175.93	142.51	707.09	154.56	223.76
Major Exporters 4/	25.41	226.27	5.94	65.80	151.33	83.95	22.34
Argentina	0.82	18.40	0.00	0.05	5.15	13.83	0.25
Australia	3.85	30.36	0.14	3.90	7.35	22.64	4.37
Canada	5.18	32.14	0.50	5.85	10.83	20.16	6.84
European Union 5/	15.56	145.37	5.29	56.00	128.00	27.32	10.89
Major Importers 6/	142.30	199.07	96.41	36.17	277.35	5.48	154.95
Brazil	1.00	6.73	7.35	0.80	12.20	0.62	2.26
China	97.04	128.85	4.41	16.50	118.50	0.75	111.05
Sel. Mideast 7/	16.68	19.14	18.11	4.44	37.75	0.53	15.65
N. Africa 8/	16.63	14.08	28.36	2.35	44.55	0.57	13.95
Pakistan	3.82	25.63	0.00	0.80	24.50	0.60	4.35
Southeast Asia 9/	5.19	0.00	26.91	9.89	25.47	1.02	5.61
Selected Other							
India	14.54	87.00	5.90	4.70	97.12	0.52	9.80
FSU-12	16.79	130.09	7.34	27.62	78.65	54.42	21.15
Russia	5.61	72.53	0.50	17.00	40.00	27.81	10.83
Kazakhstan	2.60	14.99	0.08	2.10	6.90	7.40	3.36
Ukraine	3.35	26.79	0.04	3.60	10.30	18.11	1.77
2017/18 Est.							
World 3/	255.89	758.38	181.35	145.35	743.81	182.05	270.46
United States	32.13	47.37	4.22	1.91	29.83	24.77	29.13
Total Foreign	223.76	711.01	177.14	143.45	713.98	157.29	241.34
Major Exporters 4/	22.34	221.08	6.16	65.75	151.90	74.80	22.88
Argentina	0.25	18.00	0.01	0.05	5.20	12.80	0.25
Australia	4.37	21.50	0.15	3.40	6.80	15.00	4.22
Canada	6.84	30.00	0.50	3.80	9.00	23.00	5.34
European Union 5/	10.89	151.58	5.50	58.50	130.90	24.00	13.07
Major Importers 6/	154.95	202.68	94.83	32.42	278.37	6.46	167.64
Brazil	2.26	4.26	7.10	0.50	12.00	0.30	1.32
China	111.05	129.77	4.00	13.50	117.00	1.00	126.82
Sel. Mideast 7/	15.65	18.33	18.25	4.98	38.96	0.81	12.47
N. Africa 8/	13.95	19.25	26.85	2.25	45.08	0.82	14.16
Pakistan	4.35	26.67	0.03	1.00	25.00	1.20	4.86
Southeast Asia 9/	5.61	0.00	27.40	9.14	26.09	1.07	5.85
Selected Other							
India	9.80	98.51	1.17	5.00	97.31	0.41	11.75
FSU-12	21.15	142.20	8.19	32.41	84.01	66.33	21.20
Russia	10.83	84.99	0.40	21.50	45.00	39.50	11.72
Kazakhstan	3.36	14.80	0.06	2.10	6.90	8.50	2.83
Ukraine	1.77	26.98	0.05	3.50	9.90	17.20	1.70

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

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	270.46	747.76	184.86	145.59	753.89	188.43	264.33
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	29.13	49.57	3.67	3.27	31.22	25.17	25.98
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	241.34	698.19	181.18	142.32	722.67	163.26	238.35
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	22.88	226.40	6.16	65.40	151.60	83.70	20.14
Argentina	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.25	19.50	0.01	0.10	5.30	14.20	0.26
Australia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.22	24.00	0.15	3.80	7.20	17.00	4.17
Canada	Apr	NA	NA	NA	NA	NA	NA	NA
	May	5.34	32.50	0.50	4.50	9.60	23.50	5.24
European Union 5/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	13.07	150.40	5.50	57.00	129.50	29.00	10.47
Major Importers 6/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	167.64	203.49	95.74	34.32	284.01	6.68	176.18
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.32	4.90	7.50	0.60	12.20	0.30	1.22
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	126.82	129.00	4.00	15.00	120.00	1.20	138.62
Sel. Mideast 7/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	12.47	18.86	18.74	4.78	39.10	1.14	9.83
N. Africa 8/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	14.16	21.10	26.28	2.25	45.78	0.69	15.07
Pakistan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.86	25.50	0.03	1.20	25.30	1.00	4.09
Southeast Asia 9/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	5.85	0.00	27.90	9.44	27.24	1.09	5.42
Selected Other								
India	Apr	NA	NA	NA	NA	NA	NA	NA
	May	11.75	95.00	2.00	5.00	98.00	0.40	10.35
FSU-12	Apr	NA	NA	NA	NA	NA	NA	NA
	May	21.20	127.44	8.72	29.63	80.91	62.63	13.82
Russia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	11.72	72.00	0.50	19.00	42.00	36.50	5.72
Kazakhstan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.83	14.00	0.06	1.90	6.70	8.00	2.19
Ukraine	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.70	26.50	0.03	3.40	9.60	17.00	1.63

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, and the European Union. 5/ Trade excludes intra-trade. 6/ Brazil, China, Japan, Mexico, N. Africa, Pakistan, selected Middle East, and Southeast Asia. 7/ Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 8/ Algeria, Egypt, Libya, Morocco, and Tunisia. 9/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2016/17	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	247.95	1,368.92	173.00	800.16	1,355.76	198.25	261.11
United States	48.11	402.61	3.43	144.75	327.48	64.50	62.17
Total Foreign	199.84	966.30	169.57	655.41	1,028.27	133.75	198.94
Major Exporters 4/	17.96	211.51	2.66	89.96	122.12	77.75	32.26
Argentina	3.18	48.57	0.00	10.77	16.04	29.11	6.60
Australia	1.50	16.63	0.00	4.29	6.16	10.01	1.96
Brazil	7.01	101.58	1.55	53.45	64.03	31.61	14.49
Canada	4.97	26.62	0.94	14.22	22.08	4.81	5.64
Major Importers 5/	45.05	241.06	120.99	275.48	358.00	11.03	38.06
European Union 6/	15.58	152.82	15.83	119.87	160.84	8.07	15.31
Japan	1.76	0.17	17.00	13.25	17.25	0.00	1.68
Mexico	5.89	33.26	15.24	27.95	46.85	1.54	6.01
N. Afr & Mideast 7/	10.51	24.90	34.14	54.80	62.60	0.16	6.80
Saudi Arabia	4.40	0.25	11.52	13.22	13.62	0.00	2.56
Southeast Asia 8/	4.31	29.40	13.67	35.05	42.93	1.27	3.17
South Korea	1.95	0.20	9.32	7.25	9.62	0.00	1.85
Selected Other							
China	112.09	226.87	16.06	173.90	252.95	0.11	101.95
FSU-12	6.25	92.74	0.76	41.04	56.36	36.58	6.81
Russia	1.66	40.77	0.28	22.48	32.08	8.56	2.07
Ukraine	3.17	39.22	0.04	9.06	12.53	26.90	3.00
2017/18 Est.							
World 3/	261.11	1,316.69	184.82	813.39	1,355.12	189.73	222.68
United States	62.17	384.26	3.24	143.86	328.83	62.91	57.92
Total Foreign	198.94	932.43	181.58	669.53	1,026.29	126.82	164.75
Major Exporters 4/	32.26	180.63	2.37	89.04	120.92	71.81	22.54
Argentina	6.60	39.79	0.01	8.89	14.22	27.71	4.47
Australia	1.96	10.90	0.00	2.99	4.86	6.93	1.07
Brazil	14.49	89.79	0.95	55.01	65.46	30.02	9.76
Canada	5.64	26.21	1.26	15.69	23.45	5.05	4.61
Major Importers 5/	38.06	245.35	131.62	283.75	367.54	10.79	36.71
European Union 6/	15.31	153.08	17.26	119.90	161.52	8.51	15.62
Japan	1.68	0.19	16.77	13.12	17.11	0.00	1.53
Mexico	6.01	32.63	17.33	30.09	49.10	1.30	5.56
N. Afr & Mideast 7/	6.80	29.41	39.34	60.06	68.05	0.12	7.38
Saudi Arabia	2.56	0.36	12.60	13.14	13.70	0.00	1.82
Southeast Asia 8/	3.17	29.43	14.42	35.76	43.66	0.87	2.49
South Korea	1.85	0.20	9.82	7.55	10.05	0.00	1.82
Selected Other							
China	101.95	223.39	17.20	179.32	262.18	0.08	80.28
FSU-12	6.81	88.90	0.72	38.70	53.79	37.10	5.54
Russia	2.07	41.71	0.11	22.27	31.82	10.27	1.82
Ukraine	3.00	34.07	0.03	6.69	10.00	25.11	1.99

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, Canada, Brazil, and South Africa. 5/ The European Union, Mexico, Japan, selected North Africa and Middle East, South Korea, Southeast Asia, and Taiwan. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	222.68	1,341.10	190.79	828.26	1,378.33	196.85	185.45
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	57.92	369.80	3.55	140.61	328.74	57.68	44.85
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	164.75	971.30	187.24	687.65	1,049.59	139.17	140.59
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	22.54	203.20	2.00	93.78	126.78	77.06	23.90
Argentina	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.47	48.55	0.01	10.90	16.55	30.01	6.47
Australia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.07	13.76	0.00	2.89	4.74	9.03	1.07
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	9.76	98.96	1.25	57.54	68.99	31.02	9.96
Canada	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.61	27.38	0.61	15.78	23.24	4.80	4.56
Major Importers 5/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	36.71	246.59	137.14	291.92	376.61	11.27	32.57
European Union 6/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	15.62	154.44	16.56	120.80	163.07	8.81	14.74
Japan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.53	0.19	17.57	13.92	17.91	0.00	1.37
Mexico	Apr	NA	NA	NA	NA	NA	NA	NA
	May	5.56	31.89	18.81	32.02	51.24	1.50	3.52
N. Afr & Mideast 7/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	7.38	30.07	40.06	62.30	70.26	0.20	7.05
Saudi Arabia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.82	0.34	13.01	13.55	14.08	0.00	1.10
Southeast Asia 8/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.49	29.39	17.20	37.65	45.65	0.77	2.67
South Korea	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.82	0.20	9.84	7.55	10.05	0.00	1.80
Selected Other								
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	80.28	232.81	16.10	181.75	267.83	0.07	61.29
FSU-12	Apr	NA	NA	NA	NA	NA	NA	NA
	May	5.54	97.07	0.67	40.03	55.01	43.10	5.16
Russia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.82	44.93	0.16	22.58	32.13	13.06	1.72
Ukraine	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.99	38.75	0.04	7.28	10.49	28.21	2.07

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, Canada, Brazil, and South Africa. 5/ The European Union, Mexico, Japan, selected North Africa and Middle East, South Korea, Southeast Asia, and Taiwan. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2016/17	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	209.97	1,078.31	135.73	632.91	1,060.76	159.68	227.53
United States	44.12	384.78	1.45	139.01	313.86	58.24	58.25
Total Foreign	165.84	693.54	134.28	493.90	746.90	101.44	169.27
Major Exporters 4/	9.32	157.05	0.87	65.63	84.83	59.79	22.63
Argentina	1.46	41.00	0.00	7.50	11.20	25.99	5.28
Brazil	6.77	98.50	0.85	51.00	60.50	31.60	14.02
South Africa	1.10	17.55	0.01	7.13	13.13	2.20	3.33
Major Importers 5/	22.40	124.80	80.62	147.96	201.01	4.98	21.83
Egypt	2.22	6.00	8.77	12.70	15.10	0.01	1.89
European Union 6/	6.72	61.74	15.24	55.00	74.00	2.17	7.53
Japan	1.35	0.00	15.17	11.60	15.20	0.00	1.32
Mexico	5.21	27.58	14.57	22.50	40.40	1.54	5.42
Southeast Asia 7/	4.30	29.35	13.48	34.90	42.70	1.26	3.16
South Korea	1.94	0.08	9.23	7.21	9.41	0.00	1.83
Selected Other							0.00
Canada	2.45	13.89	0.85	7.50	13.10	1.52	2.57
China	110.77	219.55	2.46	162.00	232.00	0.08	100.71
FSU-12	2.60	47.79	0.35	17.67	20.51	27.15	3.08
Ukraine	1.39	27.97	0.03	5.10	6.50	21.33	1.55
2017/18 Est.							
World 3/	227.53	1,036.66	145.83	648.66	1,069.34	151.10	194.85
United States	58.25	370.96	1.27	139.71	318.53	56.52	55.44
Total Foreign	169.27	665.70	144.56	508.95	750.81	94.59	139.41
Major Exporters 4/	22.63	133.50	0.41	64.90	84.10	57.10	15.34
Argentina	5.28	33.00	0.01	6.00	9.80	25.00	3.48
Brazil	14.02	87.00	0.40	52.50	62.00	30.00	9.42
South Africa	3.33	13.50	0.01	6.40	12.30	2.10	2.44
Major Importers 5/	21.83	124.82	85.00	152.90	206.75	4.17	20.73
Egypt	1.89	6.40	9.40	13.40	15.90	0.01	1.78
European Union 6/	7.53	62.10	16.50	56.50	76.00	2.00	8.13
Japan	1.32	0.00	15.00	11.50	15.10	0.00	1.22
Mexico	5.42	26.80	16.20	24.30	42.30	1.30	4.82
Southeast Asia 7/	3.16	29.38	14.20	35.60	43.40	0.86	2.48
South Korea	1.83	0.08	9.70	7.50	9.80	0.00	1.81
Selected Other							0.00
Canada	2.57	14.10	1.20	8.60	14.20	1.30	2.37
China	100.71	215.89	4.00	167.00	241.00	0.05	79.55
FSU-12	3.08	42.04	0.45	15.27	18.06	25.26	2.25
Ukraine	1.55	24.12	0.03	3.50	4.80	20.00	0.89

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, and South Africa. 5/ Egypt, the European Union, Mexico, Japan, South Korea, Taiwan, and Southeast Asia. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	194.85	1,056.07	153.01	665.56	1,091.77	158.02	159.15
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	55.44	356.63	1.27	136.53	317.26	53.34	42.73
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	139.41	699.43	151.74	529.03	774.51	104.68	116.41
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	15.34	151.00	0.71	69.60	90.10	60.20	16.74
Argentina	Apr	NA	NA	NA	NA	NA	NA	NA
	May	3.48	41.00	0.01	8.00	12.00	27.00	5.49
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	9.42	96.00	0.70	55.00	65.50	31.00	9.62
South Africa	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.44	14.00	0.00	6.60	12.60	2.20	1.64
Major Importers 5/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	20.73	122.89	88.10	155.70	210.35	3.77	17.60
Egypt	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.78	6.40	9.70	13.60	16.10	0.01	1.77
European Union 6/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	8.13	61.00	16.00	56.50	76.50	1.50	7.13
Japan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.22	0.00	15.00	11.50	15.10	0.00	1.12
Mexico	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.82	26.00	16.70	25.00	43.20	1.50	2.82
Southeast Asia 7/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.48	29.34	17.00	37.50	45.40	0.76	2.66
South Korea	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.81	0.08	9.70	7.50	9.80	0.00	1.78
Selected Other								
Canada	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.37	15.30	0.50	8.80	14.20	1.55	2.42
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	79.55	225.00	5.00	172.00	249.00	0.05	60.50
FSU-12	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.25	53.50	0.41	18.97	21.86	31.85	2.44
Ukraine	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.89	30.00	0.03	4.50	5.80	24.00	1.11

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, and South Africa. 5/ Egypt, the European Union, Mexico, Japan, South Korea, Taiwan, and Southeast Asia. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

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

2016/17	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	132.76	486.67	41.38	482.66	47.24	136.78
United States	1.48	7.12	0.75	4.17	3.70	1.46
Total Foreign	131.29	479.55	40.64	478.49	43.54	135.31
Major Exporters 4/	29.48	163.15	0.76	132.88	33.39	27.12
India	18.40	109.70	0.00	95.78	11.77	20.55
Pakistan	1.12	6.85	0.01	3.10	3.52	1.37
Thailand	8.40	19.20	0.25	12.00	11.62	4.24
Vietnam	1.56	27.40	0.50	22.00	6.49	0.97
Major Importers 5/	10.01	65.90	11.93	77.61	1.18	9.05
Brazil	0.31	8.38	0.64	8.00	0.83	0.50
European Union 6/	1.18	2.08	1.84	3.60	0.32	1.18
Indonesia	3.51	36.86	0.35	37.80	0.00	2.92
Nigeria	1.53	3.78	2.50	6.55	0.00	1.26
Philippines	2.11	11.69	1.10	12.90	0.00	2.00
Sel. Mideast 7/	0.86	1.78	3.87	5.63	0.00	0.88
Selected Other						0.00
Burma	1.24	12.65	0.01	10.00	3.35	0.55
C. Amer & Carib 8/	0.50	1.67	1.79	3.36	0.04	0.56
China	78.50	144.95	5.30	141.45	0.81	86.50
Egypt	0.92	4.80	0.10	4.30	0.10	1.43
Japan	2.55	7.78	0.71	8.50	0.05	2.49
Mexico	0.13	0.18	0.87	0.92	0.09	0.17
South Korea	1.83	4.20	0.41	4.71	0.00	1.73

2017/18 Est.

World 3/	136.78	488.23	48.72	481.19	48.41	143.81
United States	1.46	5.66	0.83	3.81	3.05	1.09
Total Foreign	135.31	482.57	47.89	477.38	45.36	142.73
Major Exporters 4/	27.12	166.45	0.65	133.92	34.50	25.80
India	20.55	110.00	0.00	97.35	13.20	20.00
Pakistan	1.37	7.50	0.00	3.40	4.00	1.47
Thailand	4.24	20.37	0.25	11.17	10.50	3.19
Vietnam	0.97	28.58	0.40	22.00	6.80	1.15
Major Importers 5/	9.05	66.50	13.90	78.60	1.03	9.82
Brazil	0.50	8.08	0.70	8.10	0.70	0.48
European Union 6/	1.18	2.04	1.90	3.65	0.30	1.17
Indonesia	2.92	37.00	1.80	38.00	0.00	3.71
Nigeria	1.26	3.78	2.60	6.70	0.00	0.94
Philippines	2.00	12.30	1.40	13.20	0.00	2.50
Sel. Mideast 7/	0.88	1.93	3.65	5.70	0.00	0.76
Selected Other						0.00
Burma	0.55	13.20	0.01	9.90	3.50	0.36
C. Amer & Carib 8/	0.56	1.67	1.87	3.45	0.04	0.60
China	86.50	145.99	5.50	142.70	1.30	93.99
Egypt	1.43	4.30	0.05	4.40	0.05	1.33
Japan	2.49	7.59	0.69	8.45	0.05	2.26
Mexico	0.17	0.19	0.86	0.92	0.09	0.21
South Korea	1.73	3.97	0.41	4.87	0.01	1.23

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/ India, Pakistan, Thailand, and Vietnam. 5/ Brazil, Indonesia, Hong Kong, Cote d'Ivoire, Nigeria, Philippines, selected Middle East, and the EU-28. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Apr	NA	NA	NA	NA	NA	NA
	May	143.81	489.50	46.37	488.63	49.30	144.68
United States	Apr	NA	NA	NA	NA	NA	NA
	May	1.09	6.45	0.83	3.87	3.21	1.29
Total Foreign	Apr	NA	NA	NA	NA	NA	NA
	May	142.73	483.05	45.54	484.76	46.09	143.40
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA
	May	25.80	166.08	0.65	133.70	34.80	24.03
India	Apr	NA	NA	NA	NA	NA	NA
	May	20.00	109.00	0.00	98.00	13.00	18.00
Pakistan	Apr	NA	NA	NA	NA	NA	NA
	May	1.47	7.40	0.00	3.50	4.00	1.37
Thailand	Apr	NA	NA	NA	NA	NA	NA
	May	3.19	21.00	0.25	10.00	11.00	3.44
Vietnam	Apr	NA	NA	NA	NA	NA	NA
	May	1.15	28.68	0.40	22.20	6.80	1.22
Major Importers 5/	Apr	NA	NA	NA	NA	NA	NA
	May	9.82	66.73	13.80	79.42	1.03	9.89
Brazil	Apr	NA	NA	NA	NA	NA	NA
	May	0.48	8.02	0.70	8.15	0.70	0.35
European Union 6/	Apr	NA	NA	NA	NA	NA	NA
	May	1.17	2.00	2.00	3.70	0.30	1.17
Indonesia	Apr	NA	NA	NA	NA	NA	NA
	May	3.71	37.30	1.20	38.20	0.00	4.01
Nigeria	Apr	NA	NA	NA	NA	NA	NA
	May	0.94	3.78	3.00	6.90	0.00	0.82
Philippines	Apr	NA	NA	NA	NA	NA	NA
	May	2.50	12.35	1.10	13.40	0.00	2.55
Sel. Mideast 7/	Apr	NA	NA	NA	NA	NA	NA
	May	0.76	1.82	3.85	5.73	0.00	0.70
Selected Other							
Burma	Apr	NA	NA	NA	NA	NA	NA
	May	0.36	13.40	0.01	9.90	3.50	0.37
C. Amer & Carib 8/	Apr	NA	NA	NA	NA	NA	NA
	May	0.60	1.72	1.94	3.59	0.03	0.64
China	Apr	NA	NA	NA	NA	NA	NA
	May	93.99	144.50	5.50	145.00	1.70	97.29
Egypt	Apr	NA	NA	NA	NA	NA	NA
	May	1.33	3.30	0.20	4.20	0.02	0.61
Japan	Apr	NA	NA	NA	NA	NA	NA
	May	2.26	7.60	0.69	8.40	0.05	2.10
Mexico	Apr	NA	NA	NA	NA	NA	NA
	May	0.21	0.21	0.88	0.94	0.09	0.27
South Korea	Apr	NA	NA	NA	NA	NA	NA
	May	1.23	3.85	0.41	4.50	0.01	0.98

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/ India, Pakistan, Thailand, and Vietnam. 5/ Brazil, Indonesia, Hong Kong, Cote d'Ivoire, Nigeria, Philippines, selected Middle East, and the EU-28. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.

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

2016/17	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	95.00	106.66	37.56	114.76	37.38	0.16	86.92
United States	3.80	17.17	0.01	3.25	14.92	0.06	2.75
Total Foreign	91.20	89.49	37.55	111.51	22.46	0.10	84.17
Major Exporters 4/	22.66	50.69	3.63	31.98	19.25	0.01	25.75
Central Asia 5/	2.35	5.99	3/	2.89	3.02	0.00	2.43
Afr. Fr. Zone 6/	1.36	5.09	3/	0.14	4.38	0.01	1.92
S. Hemis 7/	8.77	12.25	0.37	4.29	7.05	-0.02	10.06
Australia	1.88	4.05	3/	0.04	3.73	-0.03	2.19
Brazil	5.71	7.02	0.19	3.20	2.79	0.00	6.93
India	9.94	27.00	2.74	24.00	4.55	0.00	11.13
Major Importers 8/	66.83	35.86	31.78	75.57	2.04	0.09	56.78
Mexico	0.61	0.77	1.00	1.75	0.15	0.03	0.45
China	58.20	22.75	5.03	37.50	0.06	0.00	48.42
European Union 9/	0.30	1.31	0.70	0.72	1.33	0.00	0.27
Turkey	1.53	3.20	3.68	6.50	0.33	0.00	1.58
Pakistan	2.62	7.70	2.40	10.30	0.13	0.03	2.27
Indonesia	0.53	0.01	3.39	3.30	0.01	0.00	0.62
Thailand	0.20	3/	1.23	1.20	0.00	0.03	0.20
Bangladesh	1.54	0.13	6.70	6.70	0.00	0.01	1.66
Vietnam	0.78	3/	5.50	5.40	0.00	0.00	0.88
2017/18 Est.							
World	86.92	122.43	39.23	120.74	39.38	0.25	88.21
United States	2.75	20.92	0.01	3.35	15.50	0.13	4.70
Total Foreign	84.17	101.51	39.22	117.39	23.88	0.12	83.51
Major Exporters 4/	25.75	55.57	2.41	32.75	20.46	0.02	30.50
Central Asia 5/	2.43	6.47	3/	3.31	2.83	0.00	2.77
Afr. Fr. Zone 6/	1.92	5.16	3/	0.14	4.38	0.00	2.57
S. Hemis 7/	10.06	14.98	0.21	4.47	8.47	0.01	12.30
Australia	2.19	4.80	3/	0.04	3.90	0.00	3.06
Brazil	6.93	8.70	0.05	3.40	4.20	0.00	8.08
India	11.13	28.50	1.70	24.20	4.50	0.00	12.63
Major Importers 8/	56.78	42.94	34.36	80.60	2.30	0.10	51.08
Mexico	0.45	1.56	1.00	1.85	0.33	0.03	0.80
China	48.42	27.50	5.10	40.00	0.05	0.00	40.97
European Union 9/	0.27	1.54	0.72	0.74	1.41	0.01	0.38
Turkey	1.58	4.00	3.95	7.20	0.35	0.00	1.98
Pakistan	2.27	8.20	2.90	10.40	0.16	0.03	2.78
Indonesia	0.62	3/	3.40	3.40	0.01	0.00	0.62
Thailand	0.20	3/	1.05	1.05	0.00	0.03	0.18
Bangladesh	1.66	0.14	7.40	7.30	0.00	0.01	1.88
Vietnam	0.88	3/	6.80	6.60	0.00	0.00	1.09

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, Burkino Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, Paraguay, South Africa, Tanzania, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Hong Kong, Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

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

2018/19 Proj.		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Apr	NA	NA	NA	NA	NA	NA	NA
	May	88.21	121.19	41.12	125.44	41.12	0.22	83.75
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.70	19.50	0.01	3.40	15.50	0.11	5.20
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	83.51	101.69	41.12	122.04	25.62	0.11	78.55
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	30.50	55.24	2.14	34.20	21.69	0.02	31.97
Central Asia 5/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.77	6.52	3/	3.66	2.57	0.00	3.06
Afr. Fr. Zone 6/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.57	5.21	3/	0.14	4.73	0.00	2.91
S. Hemis 7/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	12.30	14.46	0.22	4.54	9.85	0.01	12.59
Australia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	3.06	4.00	3/	0.04	4.50	0.00	2.52
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	8.08	8.80	0.08	3.45	4.80	0.00	8.70
India	Apr	NA	NA	NA	NA	NA	NA	NA
	May	12.63	28.50	1.50	25.20	4.25	0.00	13.18
Major Importers 8/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	51.08	43.40	36.52	83.78	2.69	0.09	44.45
Mexico	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.80	1.60	0.90	1.85	0.55	0.03	0.88
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	40.97	27.00	7.00	41.50	0.05	0.00	33.42
European Union 9/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.38	1.56	0.71	0.74	1.48	0.00	0.42
Turkey	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.98	4.30	3.60	7.40	0.35	0.00	2.13
Pakistan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.78	8.80	2.10	10.50	0.25	0.03	2.91
Indonesia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.62	3/	3.50	3.50	0.01	0.00	0.62
Thailand	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.18	3/	1.08	1.05	0.00	0.03	0.18
Bangladesh	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.88	0.14	7.90	7.80	0.00	0.01	2.11
Vietnam	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.09	3/	7.70	7.40	0.00	0.00	1.39

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, Burkino Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, Paraguay, South Africa, Tanzania, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Hong Kong, Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

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

2016/17		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		78.39	350.34	144.32	287.81	329.12	147.54	96.39
United States		5.35	116.92	0.61	51.74	55.51	59.16	8.21
Total Foreign		73.03	233.42	143.72	236.06	273.61	88.39	88.18
Major Exporters 3/		50.24	185.44	1.94	88.03	96.03	79.51	62.09
Argentina		31.60	57.80	1.67	43.30	47.83	7.03	36.22
Brazil		18.56	114.10	0.25	40.90	44.30	63.14	25.47
Paraguay		0.03	10.20	0.01	3.75	3.81	6.13	0.30
Major Importers 4/		19.76	16.79	122.61	113.10	135.87	0.39	22.91
China		16.91	12.90	93.50	88.00	102.80	0.11	20.39
European Union		1.56	2.41	13.42	14.40	16.04	0.22	1.13
Japan		0.26	0.24	3.18	2.39	3.46	0.00	0.22
Mexico		0.15	0.52	4.13	4.60	4.64	0.00	0.16
2017/18 Est.								
World 2/		96.39	336.70	152.63	299.39	342.29	151.26	92.16
United States		8.21	119.52	0.68	54.16	57.78	56.20	14.43
Total Foreign		88.18	217.18	151.95	245.23	284.52	95.06	77.73
Major Exporters 3/		62.09	167.70	3.31	87.50	95.72	85.40	51.98
Argentina		36.22	39.00	3.10	40.73	45.35	4.20	28.78
Brazil		25.47	117.00	0.20	43.00	46.50	73.30	22.87
Paraguay		0.30	10.00	0.01	3.70	3.78	6.25	0.28
Major Importers 4/		22.91	18.24	127.45	121.21	145.25	0.48	22.86
China		20.39	14.20	97.00	95.00	110.80	0.15	20.64
European Union		1.13	2.67	14.10	14.90	16.55	0.28	1.07
Japan		0.22	0.25	3.25	2.35	3.50	0.00	0.21
Mexico		0.16	0.43	4.40	4.87	4.91	0.00	0.09
2018/19 Proj.								
World 2/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	92.16	354.54	159.54	313.34	357.72	161.82	86.70
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	14.43	116.48	0.68	54.30	57.98	62.32	11.29
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	77.73	238.06	158.86	259.04	299.75	99.50	75.41
Major Exporters 3/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	51.98	185.80	2.26	91.23	99.83	89.12	51.09
Argentina	Apr	NA	NA	NA	NA	NA	NA	NA
	May	28.78	56.00	1.85	44.00	48.94	8.00	29.69
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	22.87	117.00	0.40	43.20	46.77	72.30	21.20
Paraguay	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.28	9.80	0.01	3.95	4.03	5.90	0.15
Major Importers 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	22.86	18.27	134.29	128.51	153.39	0.50	21.52
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	20.64	14.10	103.00	102.00	118.40	0.15	19.19
European Union	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.07	2.75	14.20	14.90	16.55	0.30	1.17
Japan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.21	0.26	3.25	2.30	3.47	0.00	0.26
Mexico	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.09	0.49	4.65	5.05	5.09	0.00	0.14

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

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

2016/17		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		13.21	225.87	60.53	222.02	64.50	13.09
United States		0.24	40.63	0.32	30.30	10.52	0.36
Total Foreign		12.97	185.24	60.21	191.72	53.97	12.73
Major Exporters 3/		7.07	72.14	0.05	24.65	47.10	7.51
Argentina		4.23	33.28	0.00	2.85	31.32	3.34
Brazil		2.71	31.66	0.04	16.94	13.76	3.70
India		0.13	7.20	0.01	4.86	2.01	0.47
Major Importers 4/		2.11	16.08	36.60	52.48	0.53	1.77
European Union		0.83	11.38	18.92	30.34	0.33	0.46
Southeast Asia 5/		1.18	2.90	16.06	18.72	0.20	1.22
2017/18 Est.							
World 2/		13.09	235.31	60.88	232.90	64.81	11.57
United States		0.36	42.73	0.45	31.75	11.52	0.27
Total Foreign		12.73	192.58	60.42	201.15	53.29	11.30
Major Exporters 3/		7.51	71.12	0.04	25.87	46.10	6.69
Argentina		3.34	31.16	0.00	3.00	29.00	2.49
Brazil		3.70	33.40	0.03	17.48	15.60	4.05
India		0.47	6.56	0.01	5.39	1.50	0.15
Major Importers 4/		1.77	16.72	36.48	52.90	0.53	1.55
European Union		0.46	11.77	18.50	30.04	0.32	0.37
Southeast Asia 5/		1.22	3.18	16.33	19.39	0.21	1.12
2018/19 Proj.							
World 2/	Apr	NA	NA	NA	NA	NA	NA
	May	11.57	246.36	62.53	243.22	65.82	11.42
United States	Apr	NA	NA	NA	NA	NA	NA
	May	0.27	42.86	0.32	31.93	11.25	0.27
Total Foreign	Apr	NA	NA	NA	NA	NA	NA
	May	11.30	203.50	62.22	211.29	54.57	11.15
Major Exporters 3/	Apr	NA	NA	NA	NA	NA	NA
	May	6.69	74.49	0.04	27.25	47.40	6.58
Argentina	Apr	NA	NA	NA	NA	NA	NA
	May	2.49	33.66	0.00	3.20	30.50	2.45
Brazil	Apr	NA	NA	NA	NA	NA	NA
	May	4.05	33.55	0.03	18.15	15.50	3.98
India	Apr	NA	NA	NA	NA	NA	NA
	May	0.15	7.28	0.01	5.90	1.40	0.14
Major Importers 4/	Apr	NA	NA	NA	NA	NA	NA
	May	1.55	16.81	36.98	53.35	0.50	1.49
European Union	Apr	NA	NA	NA	NA	NA	NA
	May	0.37	11.77	18.50	29.94	0.30	0.39
Southeast Asia 5/	Apr	NA	NA	NA	NA	NA	NA
	May	1.12	3.30	16.83	20.02	0.20	1.03

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

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

2016/17		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		3.68	53.79	10.85	53.59	11.26	3.48
United States		0.77	10.04	0.15	9.01	1.16	0.78
Total Foreign		2.91	43.75	10.71	44.58	10.10	2.70
Major Exporters 3/		0.62	18.98	0.35	11.80	7.46	0.69
Argentina		0.26	8.40	0.00	2.99	5.39	0.28
Brazil		0.20	7.85	0.06	6.61	1.24	0.26
European Union		0.16	2.74	0.29	2.21	0.83	0.15
Major Importers 4/		1.26	17.89	5.81	23.68	0.21	1.08
China		0.52	15.77	0.71	16.35	0.12	0.54
India		0.58	1.62	3.53	5.30	0.00	0.43
North Africa 5/		0.16	0.50	1.56	2.03	0.09	0.11
2017/18 Est.							
World 2/		3.48	55.76	10.23	55.63	10.66	3.18
United States		0.78	10.38	0.14	9.39	1.04	0.86
Total Foreign		2.70	45.38	10.09	46.24	9.61	2.32
Major Exporters 3/		0.69	18.96	0.31	12.37	6.91	0.67
Argentina		0.28	7.88	0.00	3.26	4.68	0.23
Brazil		0.26	8.25	0.06	6.89	1.48	0.20
European Union		0.15	2.83	0.25	2.23	0.75	0.25
Major Importers 4/		1.08	19.10	5.46	24.57	0.25	0.82
China		0.54	17.02	0.45	17.30	0.17	0.54
India		0.43	1.48	3.35	5.10	0.00	0.15
North Africa 5/		0.11	0.60	1.66	2.17	0.08	0.13
2018/19 Proj.							
World 2/	Apr	NA	NA	NA	NA	NA	NA
	May	3.18	58.35	10.58	57.92	10.96	3.23
United States	Apr	NA	NA	NA	NA	NA	NA
	May	0.86	10.45	0.14	9.66	0.95	0.83
Total Foreign	Apr	NA	NA	NA	NA	NA	NA
	May	2.32	47.90	10.45	48.26	10.01	2.40
Major Exporters 3/	Apr	NA	NA	NA	NA	NA	NA
	May	0.67	19.63	0.31	12.64	7.23	0.75
Argentina	Apr	NA	NA	NA	NA	NA	NA
	May	0.23	8.51	0.00	3.42	5.10	0.22
Brazil	Apr	NA	NA	NA	NA	NA	NA
	May	0.20	8.29	0.06	6.98	1.33	0.24
European Union	Apr	NA	NA	NA	NA	NA	NA
	May	0.25	2.83	0.25	2.25	0.80	0.29
Major Importers 4/	Apr	NA	NA	NA	NA	NA	NA
	May	0.82	20.60	5.61	25.97	0.24	0.82
China	Apr	NA	NA	NA	NA	NA	NA
	May	0.54	18.28	0.35	18.45	0.15	0.57
India	Apr	NA	NA	NA	NA	NA	NA
	May	0.15	1.64	3.55	5.20	0.01	0.13
North Africa 5/	Apr	NA	NA	NA	NA	NA	NA
	May	0.13	0.69	1.71	2.32	0.09	0.12

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

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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>
2017 II	6,407	6,137	12,598	10,407	1,482	12,023	24,621	2,187	55.3
III	6,736	6,240	13,029	10,551	1,479	12,167	25,197	2,204	53.5
IV	6,742	6,796	13,595	10,472	1,533	12,139	25,734	2,235	53.1
Annual	26,187	25,584	51,991	41,662	5,981	48,178	100,169	8,808	215.5
2018 I	6,465	6,645	13,167	10,380	1,452	11,956	25,123	2,186	54.4
II*	6,750	6,400	13,202	10,575	1,450	12,165	25,367	2,215	56.1
III*	6,930	6,540	13,523	10,750	1,480	12,370	25,893	2,240	54.1
IV*	7,070	7,185	14,311	10,625	1,535	12,295	26,606	2,285	54.0
Annual									
Apr Proj.	27,635	26,805	54,658	42,350	5,945	48,835	103,493	8,930	219.0
May Proj.	27,215	26,770	54,203	42,330	5,917	48,786	102,989	8,926	218.7
2019 I*	6,560	6,800	13,414	10,625	1,475	12,227	25,641	2,235	55.1
Annual									
Apr Proj.	NA	NA	NA	NA	NA	NA	NA	NA	NA
May Proj.	27,715	27,610	55,542	43,300	5,970	49,816	105,358	9,110	221.5

* 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>
2017 II	132.76	51.70	104.7	99.1	74.7	16.83
III	112.46	55.59	94.9	96.9	102.1	17.70
IV	117.88	44.89	86.1	88.0	147.0	17.73
Annual	121.52	50.48	93.5	96.1	100.9	17.63
2018 I	125.60	49.12	95.7	79.4	179.6	15.67
II*	116-120	44-46	112-116	78-80	125-129	15.90-16.20
III*	106-112	44-46	99-105	78-82	116-124	16.45-17.05
IV*	108-116	36-38	93-101	86-94	125-135	16.95-17.85
Annual						
Apr Proj.	114-119	45-47	93-98	82-86	138-144	15.60-16.10
May Proj.	114-119	43-45	100-104	80-84	136-142	16.20-16.70
2019 I*	116-126	42-46	96-104	77-83	115-125	16.25-17.25
Annual						
Apr Proj.	NA	NA	NA	NA	NA	NA
May Proj.	113-122	43-46	97-105	84-91	120-130	16.25-17.25

*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.

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U.S. Meats Supply and Use

		Beginning stocks	Production 1/	Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita 2/ 3/
		<i>Million Pounds /4</i>							
Beef	2017	757	26,250	2,994	30,001	2,862	649	26,490	56.9
	2018 Proj. Apr	649	27,702	3,040	31,391	3,025	680	27,686	59.0
	May	649	27,278	3,032	30,958	3,035	680	27,243	58.1
	2019 Proj. Apr	NA	NA	NA	NA	NA	NA	NA	NA
	May	680	27,778	3,140	31,598	3,150	690	27,758	58.8
Pork	2017	507	25,598	1,116	27,221	5,632	554	21,035	50.1
	2018 Proj. Apr	554	26,821	1,065	28,440	5,900	610	21,930	51.8
	May	554	26,784	1,099	28,437	5,916	575	21,946	51.9
	2019 Proj. Apr	NA	NA	NA	NA	NA	NA	NA	NA
	May	575	27,624	1,120	29,319	6,125	585	22,609	53.1
Total Red Meat 5/	2017	1,304	52,078	4,362	57,744	8,500	1,246	47,998	108.2
	2018 Proj. Apr	1,246	54,751	4,359	60,356	8,933	1,338	50,085	112.2
	May	1,246	54,291	4,383	59,920	8,958	1,303	49,659	111.2
	2019 Proj. Apr	NA	NA	NA	NA	NA	NA	NA	NA
	May	1,303	55,630	4,516	61,449	9,283	1,323	50,843	113.2
Broiler	2017	778	41,217	126	42,120	6,780	856	34,484	90.9
	2018 Proj. Apr	856	41,897	130	42,883	6,950	830	35,103	91.9
	May	856	41,877	133	42,866	6,938	830	35,098	91.9
	2019 Proj. Apr	NA	NA	NA	NA	NA	NA	NA	NA
	May	830	42,837	136	43,803	7,100	860	35,843	93.2
Turkey	2017	279	5,981	24	6,284	621	310	5,353	16.4
	2018 Proj. Apr	310	5,945	28	6,283	645	310	5,328	16.2
	May	310	5,917	26	6,253	653	325	5,275	16.1
	2019 Proj. Apr	NA	NA	NA	NA	NA	NA	NA	NA
	May	325	5,906	28	6,259	655	310	5,294	16.0
Total Poultry 6/	2017	1,065	47,732	154	48,950	7,531	1,170	40,248	108.6
	2018 Proj. Apr	1,170	48,381	162	49,713	7,720	1,148	40,845	109.4
	May	1,170	48,333	163	49,666	7,714	1,163	40,789	109.2
	2019 Proj. Apr	NA	NA	NA	NA	NA	NA	NA	NA
	May	1,163	49,288	168	50,619	7,895	1,178	41,546	110.5
Red Meat & Poultry	2017	2,369	99,810	4,515	106,695	16,032	2,416	88,247	216.8
	2018 Proj. Apr	2,416	103,132	4,521	110,069	16,653	2,486	90,930	221.5
	May	2,416	102,624	4,546	109,586	16,672	2,466	90,448	220.4
	2019 Proj. Apr	NA	NA	NA	NA	NA	NA	NA	NA
	May	2,466	104,918	4,684	112,068	17,178	2,501	92,389	223.7

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.

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U.S. Egg Supply and Use

	2016	2017	2018 Proj. Apr	2018 Proj. May	2019 Proj. Apr	2019 Proj. May
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	73.6	142.2	22.9	87.5	NA	101.0
Production	8,578.7	8,807.8	8,930.0	8,925.6	NA	9,110.0
Imports	129.5	34.1	32.0	33.0	NA	40.0
Total Supply	8,781.8	8,984.1	8,984.9	9,046.1	NA	9,251.0
Use						
Exports	302.8	354.0	320.0	335.9	NA	340.0
Hatching Use	1,009.6	1,034.9	1,050.0	1,052.0	NA	1,075.0
Ending Stocks	142.2	87.5	27.0	101.0	NA	96.0
Disappearance						
Total	7,327.1	7,507.7	7,587.9	7,557.2	NA	7,740.0
Per Capita (number)	271.7	276.4	277.4	276.3	NA	281.2

U.S. Milk Supply and Use

	2016	2017	2018 Proj. Apr	2018 Proj. May	2019 Proj. Apr	2019 Proj. May
Milk	<i>Billion Pounds</i>					
Production	212.4	215.5	219.0	218.7	NA	221.5
Farm Use	1.0	1.0	1.0	1.0	NA	1.0
Fat Basis Supply						
Beg. Commercial Stocks	12.3	12.7	13.5	13.5	NA	12.6
Marketings	211.4	214.5	218.0	217.7	NA	220.5
Imports	7.0	6.0	5.6	5.5	NA	5.5
Total Cml. Supply	230.8	233.2	237.1	236.6	NA	238.6
Fat Basis Use						
Commercial Exports	8.4	9.3	9.6	9.9	NA	10.2
Ending Commercial Stocks	12.7	13.5	12.9	12.6	NA	11.8
CCC Donations	0.0	0.0	0.0	0.0	NA	0.0
Domestic Commercial Use	209.6	210.4	214.7	214.2	NA	216.6
Skim-solid Basis Supply						
Beg. Commercial Stocks	9.2	9.5	11.8	11.8	NA	11.0
Marketings	211.4	214.5	218.0	217.7	NA	220.5
Imports	6.5	6.1	5.9	5.8	NA	5.8
Total Cml. Supply	227.1	230.1	235.7	235.3	NA	237.3
Skim-solid Basis Use						
Commercial Exports	39.0	40.8	43.4	45.1	NA	45.3
Ending Commercial Stocks	9.5	11.8	11.5	11.0	NA	10.8
CCC Donations	0.0	0.0	0.0	0.0	NA	0.0
Domestic Commercial Use	178.5	177.5	180.9	179.1	NA	181.1

Note: Totals may not add due to rounding.

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U.S. Dairy Prices

	2016	2017	2018 Proj. Apr	2018 Proj. May	2019 Proj. Apr	2019 Proj. May
Product Prices 1/			<i>Dollars Per Pound</i>			
Cheese	1.6050	1.6344	1.550- 1.600	1.600- 1.650	NA	1.585- 1.685
Butter	2.0777	2.3303	2.210- 2.290	2.245- 2.325	NA	2.215- 2.345
Nonfat Dry Milk	0.8292	0.8666	0.700- 0.740	0.740- 0.780	NA	0.745- 0.815
Dry Whey	0.2875	0.4437	0.240- 0.270	0.255- 0.285	NA	0.285- 0.315
			<i>Dollars Per Cwt</i>			
Milk Prices 2/						
Class III	14.87	16.17	14.20- 14.70	14.80- 15.30	NA	14.80- 15.80
Class IV	13.77	15.16	13.25- 13.85	13.75- 14.35	NA	13.65- 14.75
All Milk 3/	16.30	17.63	15.60- 16.10	16.20- 16.70	NA	16.25- 17.25

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.

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Reliability of May Projections 1/

Note: Tables on pages 35-37 present a record of the May projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 3.2 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 5.4 percent. The average difference between the May projection and the final estimate is 16.6 million tons, ranging from 1.7 million to 35 million tons. The May projection has been below the estimate 23 times and above 14 times.

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average			Years	
	Percent		Smallest	Largest	Below Final	Above Final	
WHEAT	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	3.2	5.4	16.6	1.7	35.0	23	14
U.S.	6.8	11.5	3.1	0.0	9.8	19	18
Foreign	3.3	5.6	15.3	1.6	32.9	22	15
Exports							
World	6.1	10.3	6.0	0.1	17.6	26	11
U.S.	12.6	21.5	3.1	0.0	10.2	20	16
Foreign	7.0	11.9	5.6	0.4	17.8	27	10
Domestic Use							
World	2.2	3.8	10.1	0.3	28.3	24	13
U.S.	7.4	12.5	1.8	0.2	6.4	18	19
Foreign	2.2	3.7	9.7	0.2	28.0	25	12
Ending Stocks							
World	10.3	17.4	12.5	0.3	35.9	23	14
U.S.	21.0	35.6	3.6	0.1	14.1	21	16
Foreign	10.4	17.7	10.7	2.5	31.0	22	15
COARSE GRAINS 2/							
Production							
World	3.8	6.4	26.5	1.1	103.6	18	19
U.S.	14.2	24.2	20.9	0.9	103.8	20	17
Foreign	2.8	4.7	14.5	0.2	42.8	16	21
Exports							
World	7.7	13.1	7.8	1.3	20.9	26	11
U.S.	27.9	47.3	8.4	0.1	29.5	16	21
Foreign	14.0	23.7	6.8	0.3	20.8	25	12
Domestic Use							
World	2.1	3.5	15.3	0.4	68.4	19	18
U.S.	6.0	10.3	8.1	0.2	38.4	24	13
Foreign	2.0	3.5	11.7	0.5	32.8	19	18
Ending Stocks							
World	20.3	34.5	22.1	2.6	71.4	23	14
U.S.	56.1	95.2	16.9	1.3	57.6	18	19
Foreign	17.1	29.1	11.5	0.0	33.9	25	12
RICE, milled							
Production							
World	2.4	4.1	6.9	0.0	21.8	22	15
U.S.	7.5	12.7	0.3	0.0	1.0	20	17
Foreign	2.5	4.2	6.9	0.4	22.0	22	15
Exports							
World	9.8	16.6	1.7	0.1	7.5	28	9
U.S.	12.0	20.3	0.3	0.0	1.0	19	13
Foreign	10.5	17.8	1.6	0.2	7.1	28	9
Domestic Use							
World	1.9	3.2	4.8	0.0	19.4	25	12
U.S.	9.3	15.8	0.2	0.0	0.6	13	23
Foreign	1.9	3.3	4.8	0.2	20.0	26	11
Ending Stocks							
World	14.4	24.4	5.8	0.1	24.7	25	12
U.S.	33.0	56.0	0.3	0.0	0.9	19	16
Foreign	15.8	26.7	5.8	0.1	24.8	25	12

1/ Footnotes at end of table.

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Reliability of May Projections (Continued) 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
SOYBEANS	<i>Percent</i>		<i>Million Metric Tons</i>				
Production							
World	NA	NA	11.5	1.5	23.1	5	4
U.S.	8.9	15.1	4.6	0.0	13.8	19	18
Foreign	NA	NA	8.0	0.7	16.9	7	2
Exports							
World	NA	NA	5.8	0.6	10.6	8	1
U.S.	15.6	26.4	3.0	0.0	6.8	20	16
Foreign	NA	NA	3.6	0.7	12.3	7	2
Domestic Use							
World	NA	NA	6.3	1.2	12.1	5	4
U.S.	6.4	10.9	2.0	0.2	7.5	23	14
Foreign	NA	NA	5.5	0.2	10.8	5	4
Ending Stocks							
World	NA	NA	8.7	2.0	19.2	5	4
U.S.	60.2	102.2	2.8	0.2	8.4	12	25
Foreign	NA	NA	7.4	0.1	15.7	6	3
COTTON	<i>Million 480-Pound Bales</i>						
Production							
World	6.4	10.8	4.5	0.1	16.7	23	14
U.S.	11.2	19.1	1.6	0.1	5.5	19	18
Foreign	6.4	10.9	3.5	0.1	12.2	21	16
Exports							
World	10.3	17.5	2.2	0.1	12.4	21	16
U.S.	30.2	51.3	1.4	0.1	3.9	23	14
Foreign	13.4	22.7	1.6	0.1	10.4	20	17
Domestic Use							
World	4.5	7.7	3.1	0.1	17.2	15	22
U.S.	9.6	16.2	0.5	0.0	1.4	17	19
Foreign	4.6	7.7	3.0	0.0	16.6	17	20
Ending Stocks							
World	18.0	30.5	6.4	1.0	18.1	25	12
U.S.	43.8	74.4	1.5	0.0	4.3	17	20
Foreign	17.0	28.9	5.3	0.1	17.2	25	12

1/ Marketing years 1981/82 through 2017/18 for grains, soybeans (U.S. only), and cotton. Marketing years 2009/10 through 2017/18 for global and foreign soybeans. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2016/17, and for 2017/18 the last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

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Reliability of United States May 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
CORN	<i>Percent</i>		<i>Million Bushels</i>				
Production	15.1	25.7	739	8	4,010	16	21
Exports	29.0	49.3	300	0	1,100	17	19
Domestic Use	6.4	10.9	315	11	1,538	25	12
Ending Stocks	67.4	114.4	609	41	2,091	18	19
SORGHUM							
Production	20.5	34.8	89	0	228	17	19
Exports	32.7	55.6	45	0	190	18	18
Domestic Use	25.4	43.2	55	0	162	15	21
Ending Stocks	71.5	121.4	50	1	238	14	23
BARLEY							
Production	14.4	24.5	28	1	206	14	23
Exports	78.5	133.3	14	0	92	19	15
Domestic Use	11.4	19.4	29	0	95	17	19
Ending Stocks	21.2	36.0	23	0	78	17	19
OATS							
Production	25.8	43.8	32	1	231	9	28
Exports	113.5	192.6	1	0	8	9	12
Domestic Use	10.8	18.4	21	0	160	13	23
Ending Stocks	36.2	61.4	18	0	77	11	23
SOYBEAN MEAL			<i>Thousand Short Tons</i>				
Production	5.7	9.7	1,303	0	5,344	23	13
Exports	18.1	30.7	978	0	2,750	22	14
Domestic Use	4.5	7.7	854	24	4,950	19	18
Ending Stocks	42.9	72.9	54	0	388	11	15
SOYBEAN OIL			<i>Million Pounds</i>				
Production	5.4	9.2	635	18	2,500	26	11
Exports	35.9	60.8	486	25	1,700	20	17
Domestic Use	3.9	6.7	433	8	1,800	22	15
Ending Stocks	37.3	63.3	468	25	1,702	22	15
ANIMAL PROD.			<i>Million Pounds</i>				
Beef	4.0	6.8	773	40	2,727	17	7
Pork	3.3	5.7	515	61	1,722	15	8
Broilers	2.4	4.2	671	75	1,640	11	13
Turkeys	4.1	7.1	177	2	500	12	12
			<i>Million Dozen</i>				
Eggs	1.6	2.8	96	2	300	15	9
			<i>Billion Pounds</i>				
Milk	1.6	2.7	2.0	0.0	6.7	11	9

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2017/18 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 2016/17, and for 2017/18 the last month's estimate. Calendar years 1982 through 2017 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1982-2017.

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 Production Estimates and Crop Assessment Division (PECAD) of the Foreign Agricultural Service. IPAD is located at www.ipad.fas.usda.gov/.

Metric Conversion Factors

1 Hectare = 2.4710 Acres

1 Kilogram = 2.20462 Pounds

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

WASDE Notification System

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Previous *WASDE* reports are available at

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1194>

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World Agricultural Supply and Demand Estimates

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WASDE Briefing Slides: The briefing slides which accompany today's *WASDE* report will be available at <http://www.usda.gov/oce/commodity/wasde/>

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