



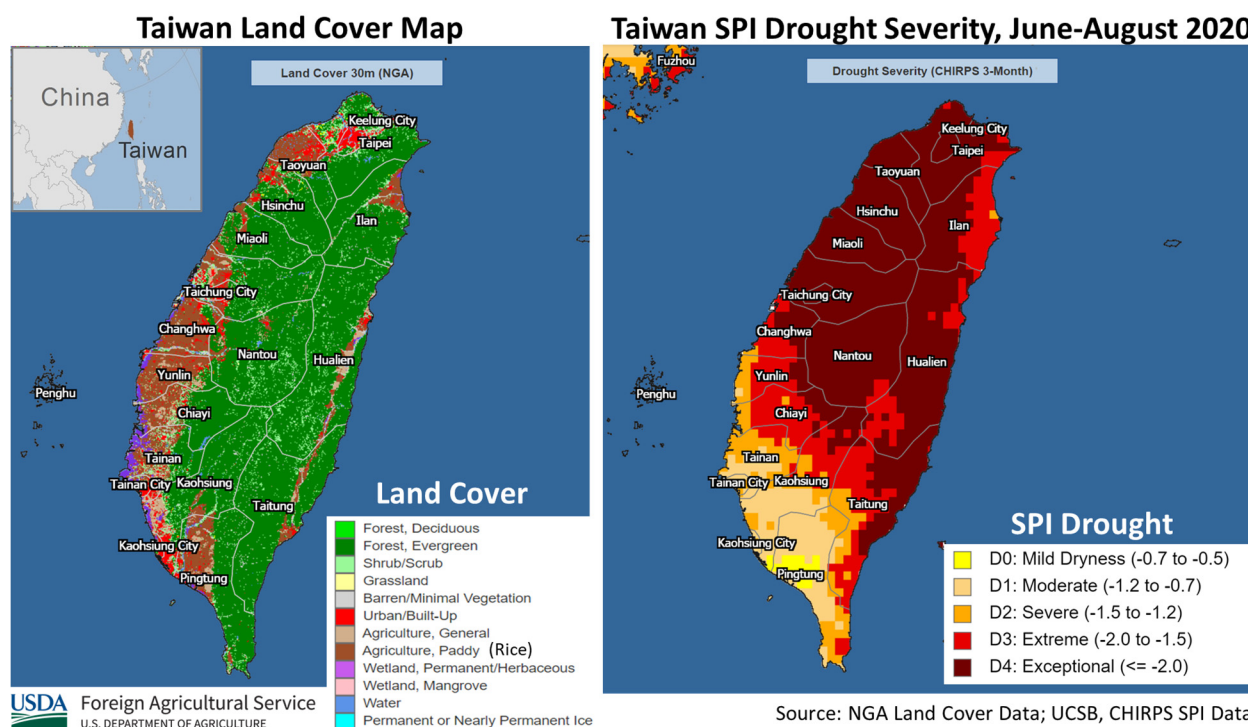
United States
Department of
Agriculture

Foreign
Agricultural
Service

Circular Series
WAP 4-21
April 2021

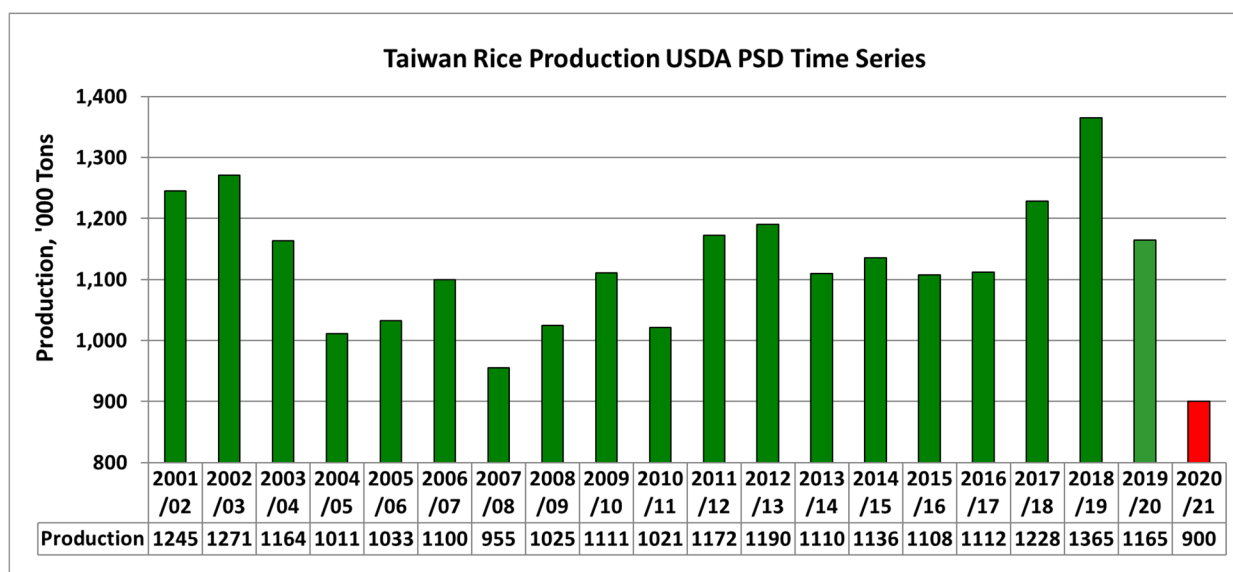
World Agricultural Production

Taiwan Rice: Production Reduced Significantly Due to Unprecedented Drought Conditions



USDA estimates Taiwan 2020/21 rice production at 900,000 metric tons (mt) (milled basis), down 27 percent or 325,000 mt from last month, down 23 percent from last year, and down 25 percent from the 5-year average. Area harvested is estimated at 200,000 hectares, down 25 percent from last month and down 20 percent from last year. Yield is estimated at 6.43 metric tons per hectare, down 2 percent from last month and 3 percent from last year.

Approved by the World Agricultural Outlook Board



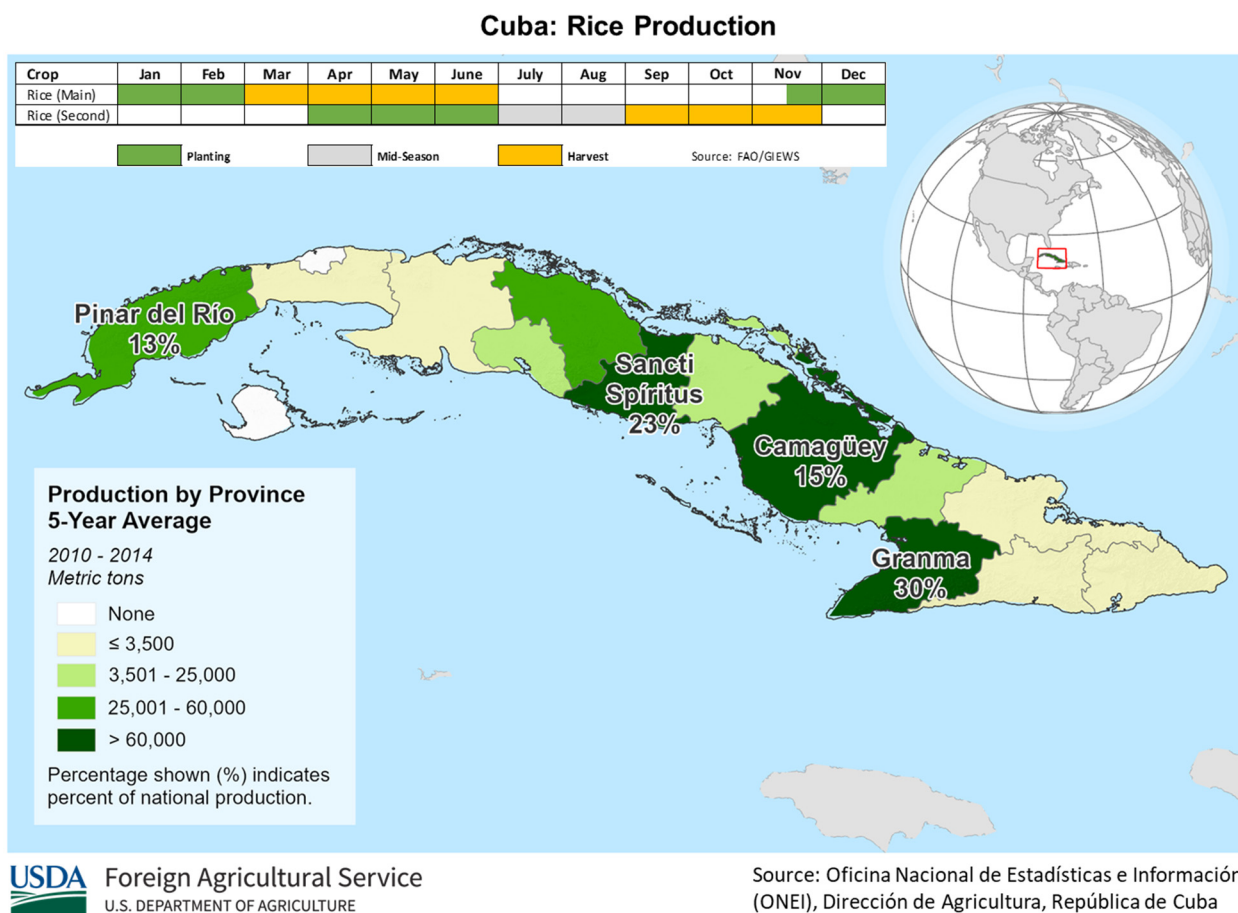

 Foreign Agricultural Service
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Source: USDA PSD Online

Taiwan has two rice seasons. The first rice crop is planted in February and March; harvest is typically completed in May and June. The optimal planting window for the second crop is August through September and is harvested in November and December. Both rice crops are predominantly transplanted and irrigated. According to the American Institute in Taiwan (AIT), the 2020/21 growing season was characterized by extremely low rainfall leading to drought conditions. Taiwan experienced no typhoons (major rainfall systems) in 2020 which was unprecedented since 1964. Throughout the entire growing season, the major irrigation reservoirs in central and southern Taiwan were reported to hold less than 20 percent of their capacity level.

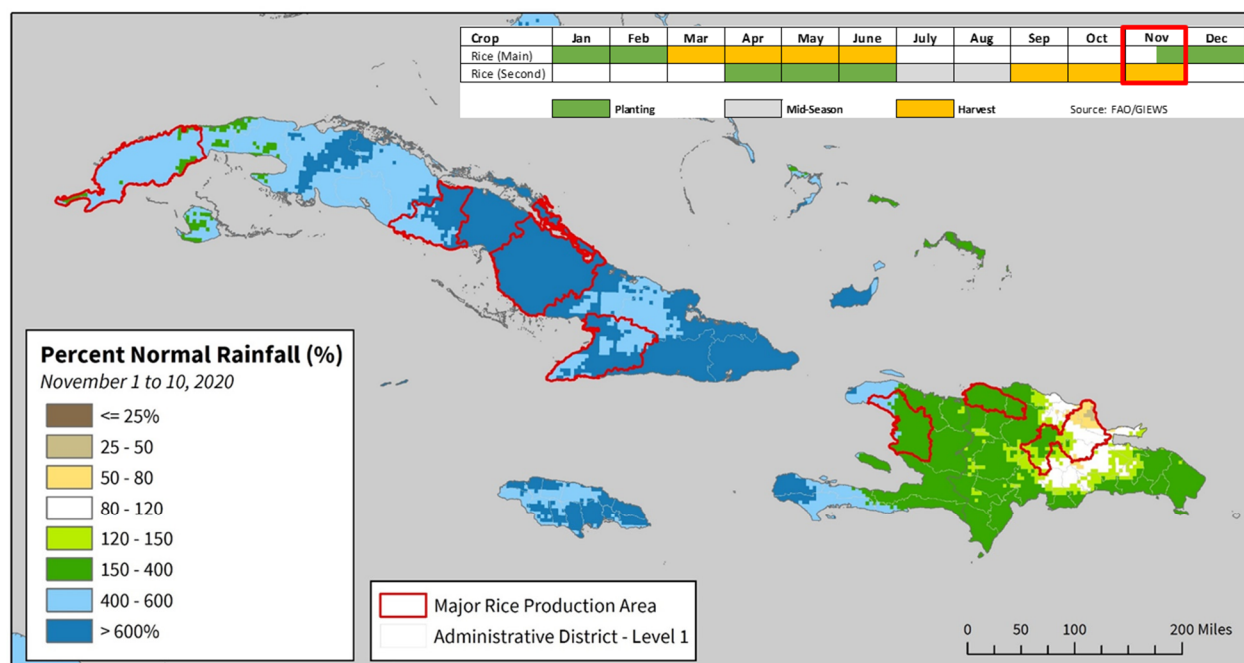
The typhoon season starts in June at the completion of the first rice planting. According to AIT, in November 2020, the Government of Taiwan was forced to make the decision to stop irrigation in selected agricultural areas of Taoyuan, Hsinchu, and Miaoli counties located in northern Taiwan. In December 2020 and January 2021, the government decided to further expand the areas of limited irrigation to Taichung County in central Taiwan, and Chiayi and Tainan counties in southern Taiwan. The limited irrigation heavily impacted rice production as farmers abandoned some of the planted areas. Most of the crop suffered poor growth and development resulting in significant yield reductions. Following these events, the Council of Agriculture of Taiwan (COA) announced a subsidy program to compensate for farmers' losses and provide financial assistance to farmers with difficulties repaying agricultural loans. *(For more information, please contact Dath.Mita@usda.gov.)*

Cuba Rice: Further Reductions in Area and Production



USDA estimates Cuba rice production for marketing year (MY) 2020/21 at 240,000 metric tons (milled basis), down 6 percent from last month, 3 percent from last year, and 15 percent below the 5-year average. Harvested area is estimated at 105,000 hectares, down 6 percent from last month, 1 percent from last year, and 13 percent below the 5-year average. Yield is estimated at 3.51 tons per hectare, nearly unchanged from last month, down 2 percent from last year, and 3 percent below the 5-year average.

Excessive Rainfall in Cuba in Early November



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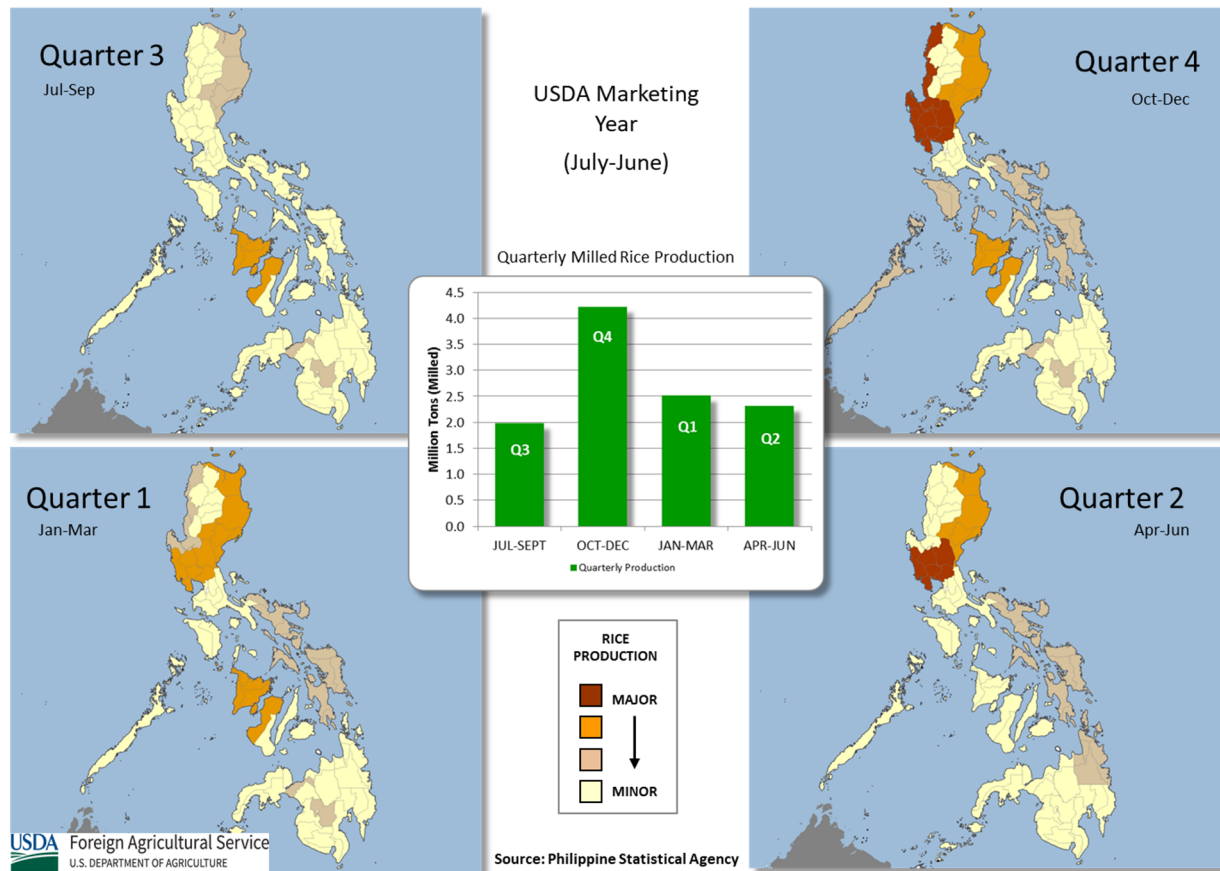
Sources: Climate Hazards Group InfraRed Precipitation with Station data (CHIRPS); GADM v3.6; Oficina Nacional de Estadísticas (ONEI), Dirección de Agricultura, República de Cuba; Enquête Nationale de la Production Agricole (ENPA), République d'Haïti; Ministerio de Agricultura, República Dominicana

Rice in Cuba is grown in two seasons: a main season, planted from November through February and harvested from March through June; and a second season, planted from April through June and harvested from September through November. Expectations for rice production were dampened early in the MY 2020/21 season due to the ongoing COVID-19 pandemic which resulted in fuel and shortages of other inputs. Estimates have been reduced further due to excessive rainfall in early November, which negatively-affected the second-season crop during ripening, and delayed planting of the main-season crop, resulting in lower area planted. More recently, the Cuban government announced new monetary policy aimed at increasing economic production and wages, that eliminates the dual currency system and slashes many subsidies. Reports indicate that the farmers were initially reluctant, and in some instances, outright refused to plant rice, resulting in further area losses. In response, the Cuban government has decided to maintain agricultural subsidies for several crops, including rice. *(For more information, please contact Aaron.Mulhollen@usda.gov.)*

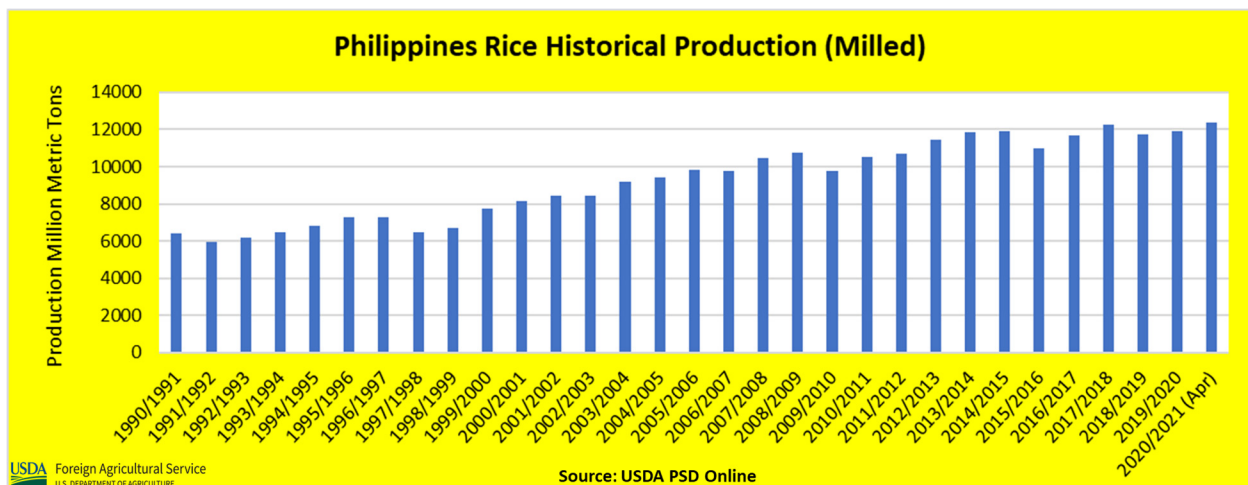
Philippines Rice: Estimated Production Highest on Record

USDA estimates marketing year (MY) 2020/21 Philippines rice production at a record 12.4 million metric tons (mmt) (milled basis), up 2 percent from last month and up 4 percent from last year. Philippines estimated rice production is the highest on record, surpassing the previous record in MY 2017/18 at 12.2 mmt. Harvested area is estimated at 4.8 million hectares (mha), up 2 percent from last month, and up 4 percent from last year. Yield remains a record at 4.10 tons per hectare, down marginally from last month, but up slightly from last year. Yield is up 3 percent from the 5-year average.

PHILIPPINES: Quarterly Rice Production Geography



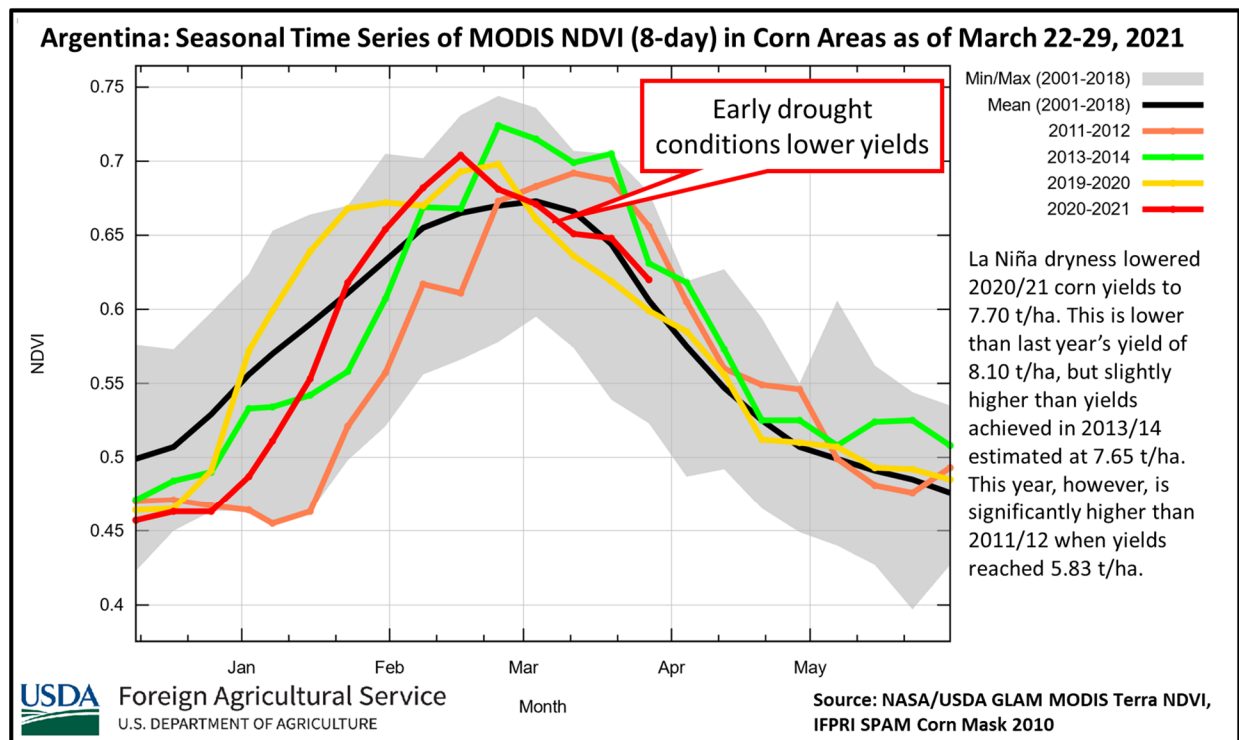
Philippines rice is cultivated throughout the year and its production output is produced quarterly. USDA's Philippines rice market year begins with quarter three, July through September. The highest rice outputs are accumulated in quarters four and one (October through March), which represents about 40 and 20 percent of total production, respectively.



The Philippine Statistics Authority (PSA) recently released the first quarter rice production preliminary estimate at 4.58 mmt (rough basis) which would mark an 8 percent year-to-year increase. Philippines aggregate rice production for quarters three, four, and one is 3 percent higher than last year, according to the PSA estimates.

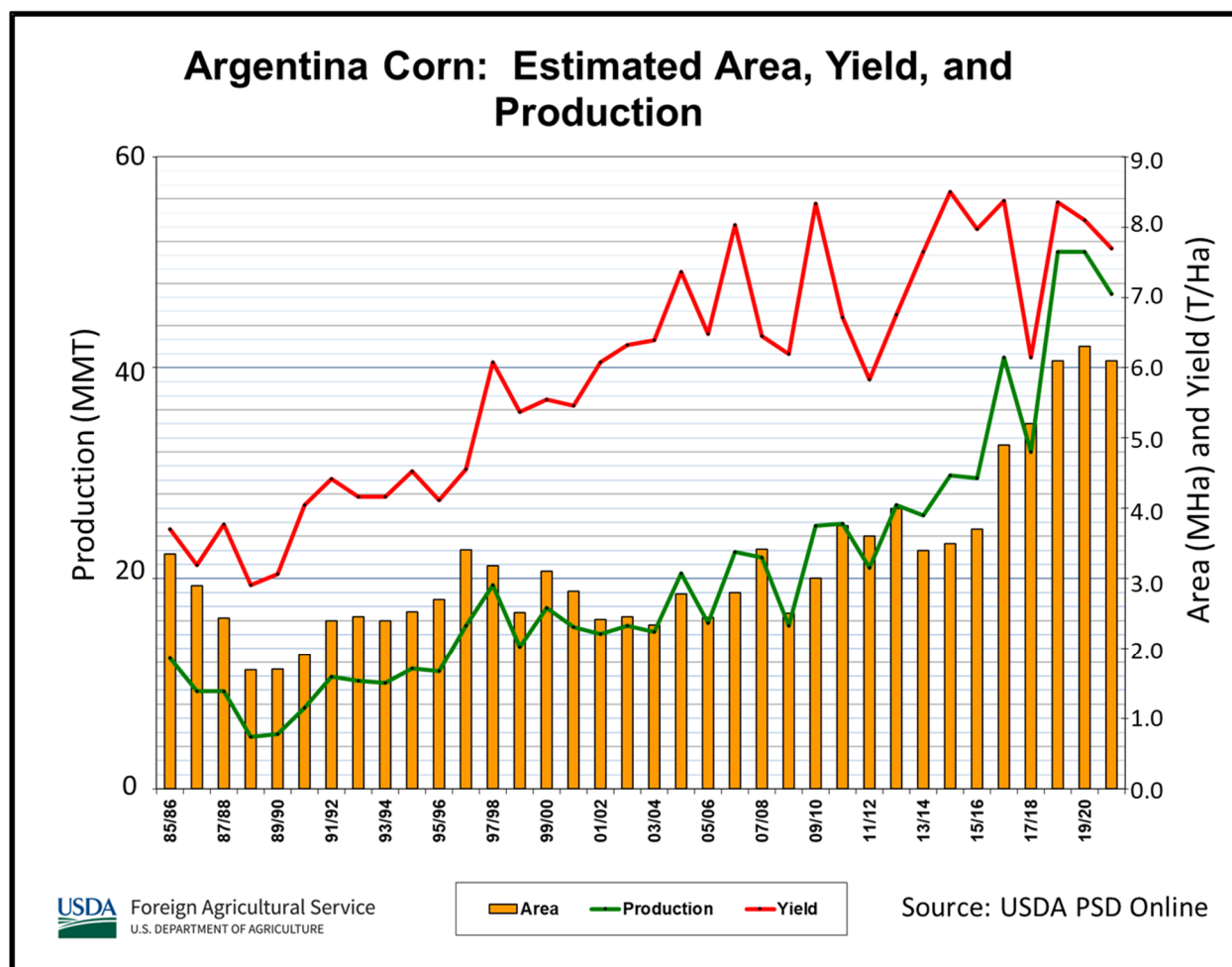
Increased rice output is primarily due to an increase in cultivated area, which stemmed from the implementation of government support programs. These programs are aimed at increasing the country's self-sufficiency rate coined as the "Plant Plant Plant Program." These support programs include funding more rice farmers as well as investing in improved seed varieties and increased mechanization. Additionally, adequate monthly rainfall proved to be beneficial to support an increase in rice cultivation as well as growth and development. PSA quarter one harvested area preliminary estimate is 1.1 mha, up 5 percent from last year. Philippines aggregate rice harvested area for quarters three, four, and one is 4 percent higher than last year, according to the PSA estimates. The rice production cycle for quarter two ends in June. *(For more information, please contact Justin.Jenkins@usda.gov.)*

Argentina Corn: Dry Weather Limits Yield and Production Expectations



The marketing year (MY) 2020/21 Argentina corn area is estimated lower based on dry conditions caused by La Niña during crop establishment and development. Corn area is estimated at 6.1 million hectares, the same as last month and down 3 percent from last year. Corn production is expected to be lower at 47.0 million metric tons, down 1 percent from last month, and down 8 percent from last year. Yield is expected at 7.70 tons per hectare, down 1 percent from last month and down 5 percent from last year. Rains have delayed harvest progress; nationally, harvest progress was 12 percent as of April 8, according to Bolsa Cereales, with less than 10 percent of

the crop harvested. This recent moisture will not provide any boost to yield in early-planted corn fields.

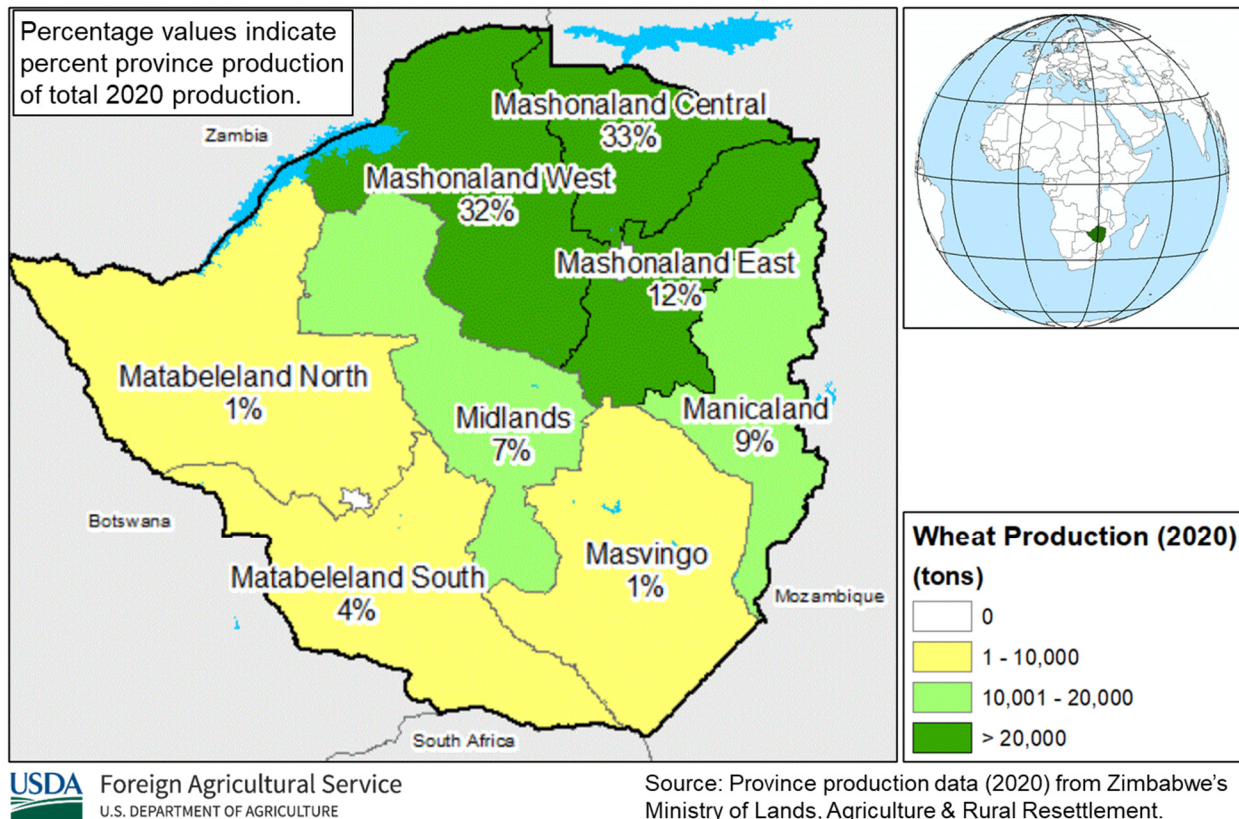


Plant stress, low soil moisture reserves, and high input costs combined to make a poor production year. Soil moisture levels remained low throughout crop establishment and into grain fill for much of the crop. (For more information, please contact Denise.McWilliams@usda.gov.)

Zimbabwe Wheat: Bumper Harvest from Increased Area

Zimbabwe wheat production for marketing year 2020/21 is estimated at 180,000 metric tons (mt), down 70,000 mt (28 percent) from last month but up 85,000 mt (89 percent) from last year. Harvested area is estimated at 40,000 hectares (ha), down 23,000 ha (37 percent) from last month but up 16,000 ha (67 percent) from last year. Yield is estimated at 4.5 metric tons per hectare, up 7 percent from the 5-year average. All wheat in Zimbabwe is planted under irrigation. Harvested area and yield were above average this year because contract irrigation growers could purchase inputs such as wheat seed and fertilizers with commercial bank loans guaranteed by the government.

Zimbabwe Wheat Production

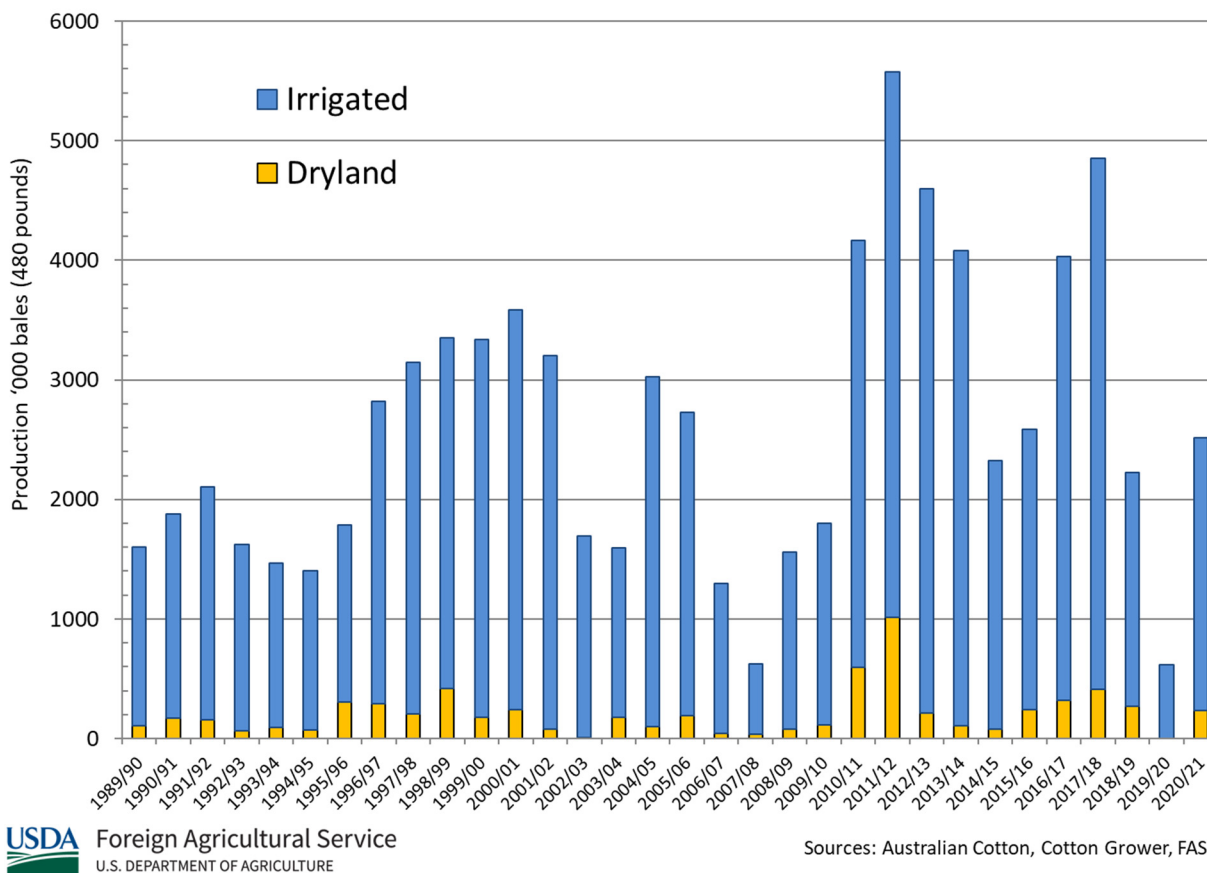


Wheat planting in Zimbabwe is from late April through late May and wheat is harvested from early October through early November. Reviving the wheat production sector in Zimbabwe has been challenging due to poor economic conditions, unreliable power supplies for irrigation, lack of input support programs, late payments by the Grain Marketing Board (GMB), and lack of investment in rehabilitating irrigation infrastructure. Irrigated wheat in Zimbabwe was primarily produced in the following provinces during the 2020 growing season: Mashonaland Central (33 percent), Mashonaland West (32 percent), Mashonaland East (12 percent), Manicaland (9 percent) and Midlands (7 percent). *(For more information, please contact Curt.Reynolds@usda.gov.)*

Australia Cotton: Production Revised Down on Excessive Rains

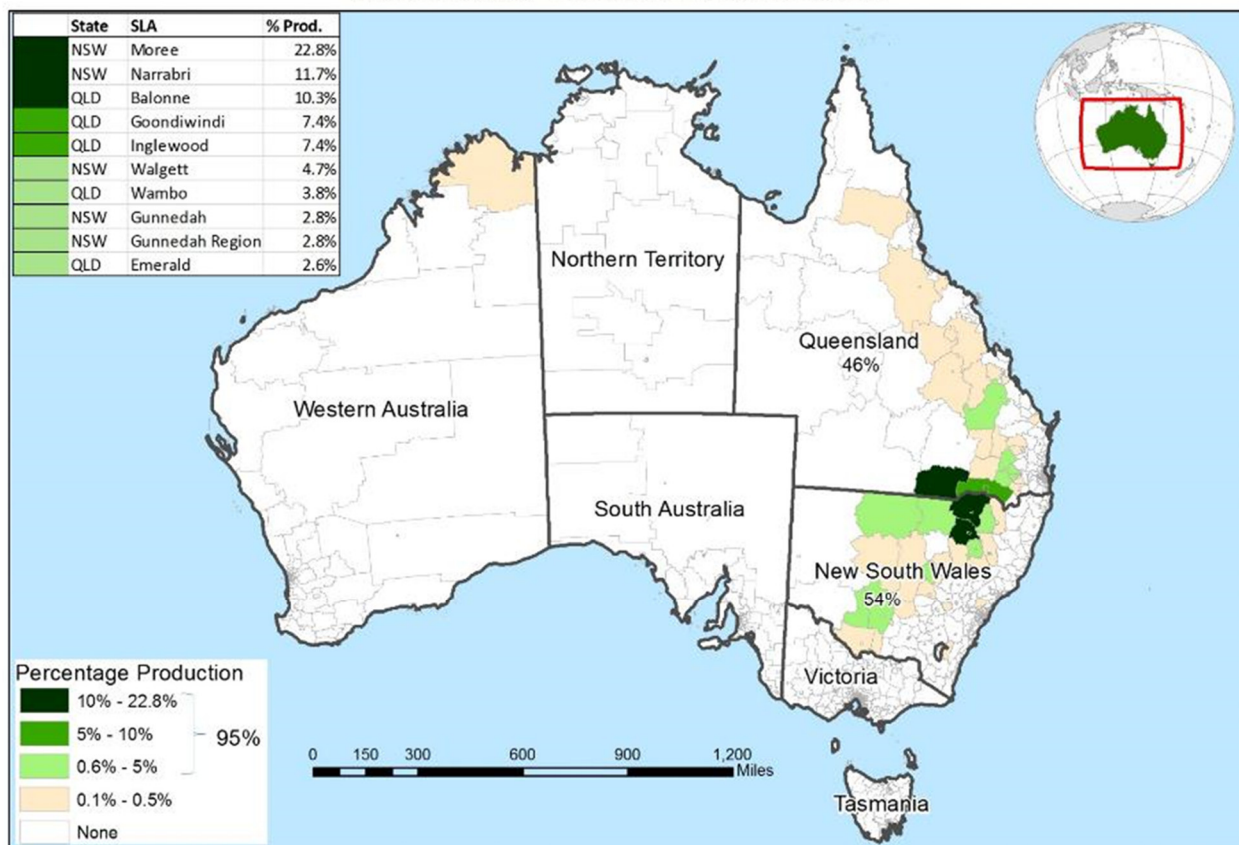
Australia marketing year 2020/21 cotton production is forecast at 2.5 million 480-pound bales (0.544 million metric tons), down 0.1 million bales from last month, and up 1.9 million bales or 300 percent from last year. Harvested area is estimated at 275,000 hectares, unchanged from last month, but up nearly 360 percent from last year. Yield is forecast at 1,979 kilograms per hectare, down 4 percent from last month, but 10 percent above the 5-year average. Yield is revised down due to damaged and waterlogged cotton resulting from recent excessive rainfall. Cotton bolls were beginning to open in growing areas along the Queensland and New South Wales border when the excessive rains and flooding occurred in late March. These and other areas of early planted cotton will be subject to crop losses due to boll rot.

Australia Cotton Production Time Series: Irrigated and Dryland



Irrigated cotton comprises about 90 percent of Australia's total cotton production, the remaining 10 percent is produced by rainfed operations. Irrigated cotton yields are substantially higher than dryland yields, and the difference widens in low-rainfall years. Dryland cotton planting tends to vary with the seasonal weather forecast and prices at sowing. Dryland planting was remarkably low in 2019/20, but a significant area has been planted to dryland cotton this year. The above-average rainfall prior to sowing increased water storage for irrigated cotton and provided adequate soil moisture in many dryland cotton areas.

Australia: Cotton Production



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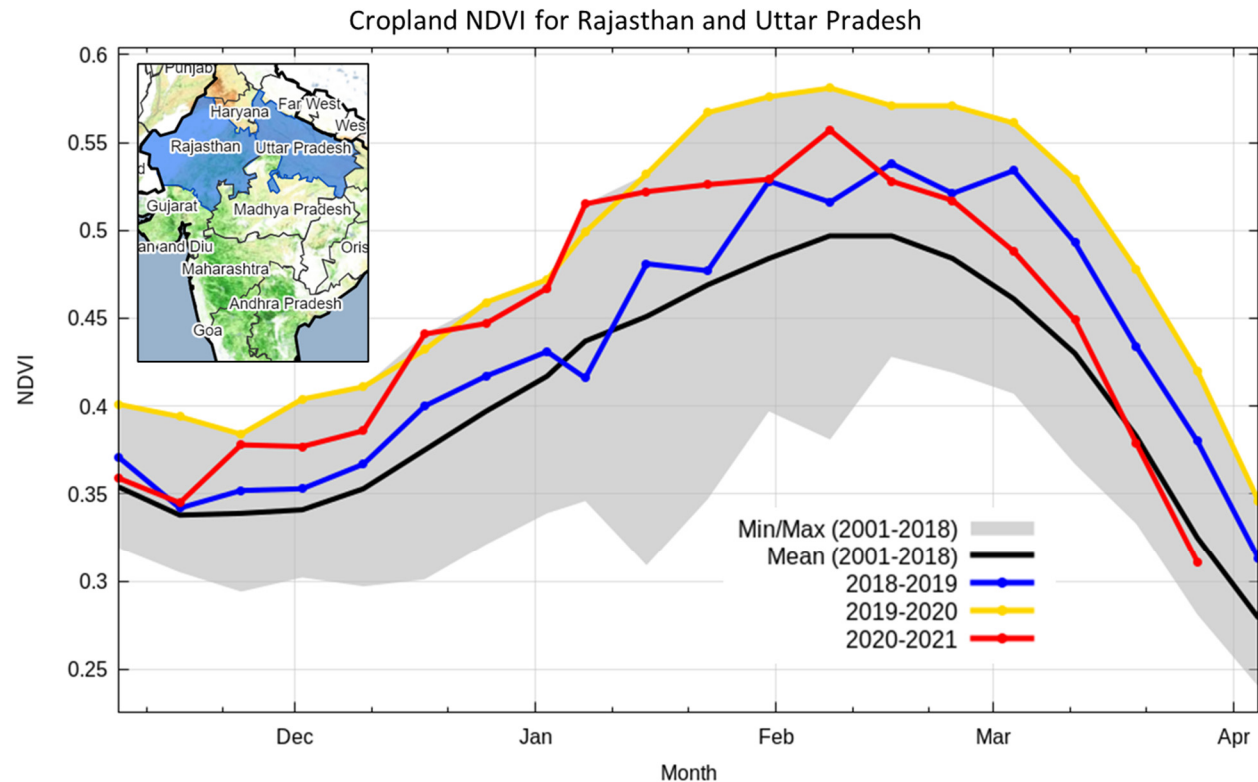
SOURCE: ABS Ag Census with 2016 Boundaries (SA2)
Average percent production of 2005/06, 2010/11, and 2015/16

Sorghum and cotton are the two dominant summer crops in eastern Australia. Cotton sowing commences in October and harvest begins in April. *(For more information, please contact James.Crutchfield@usda.gov.)*

India Rapeseed: Record Production

USDA estimates marketing year 2020/21 India rapeseed production at a record production of 8.5 million metric tons. This 10-percent increase from last year is due to area expansion and favorable weather at the beginning of the season. Area is estimated at 8.2 million hectares, up nearly 11 percent from last year. Yield is estimated at 1.04 metric tons per hectare, down slightly from last year because of higher than normal temperatures.

Despite Higher-than-Normal Temperatures Crop Vigor was Stronger than Average



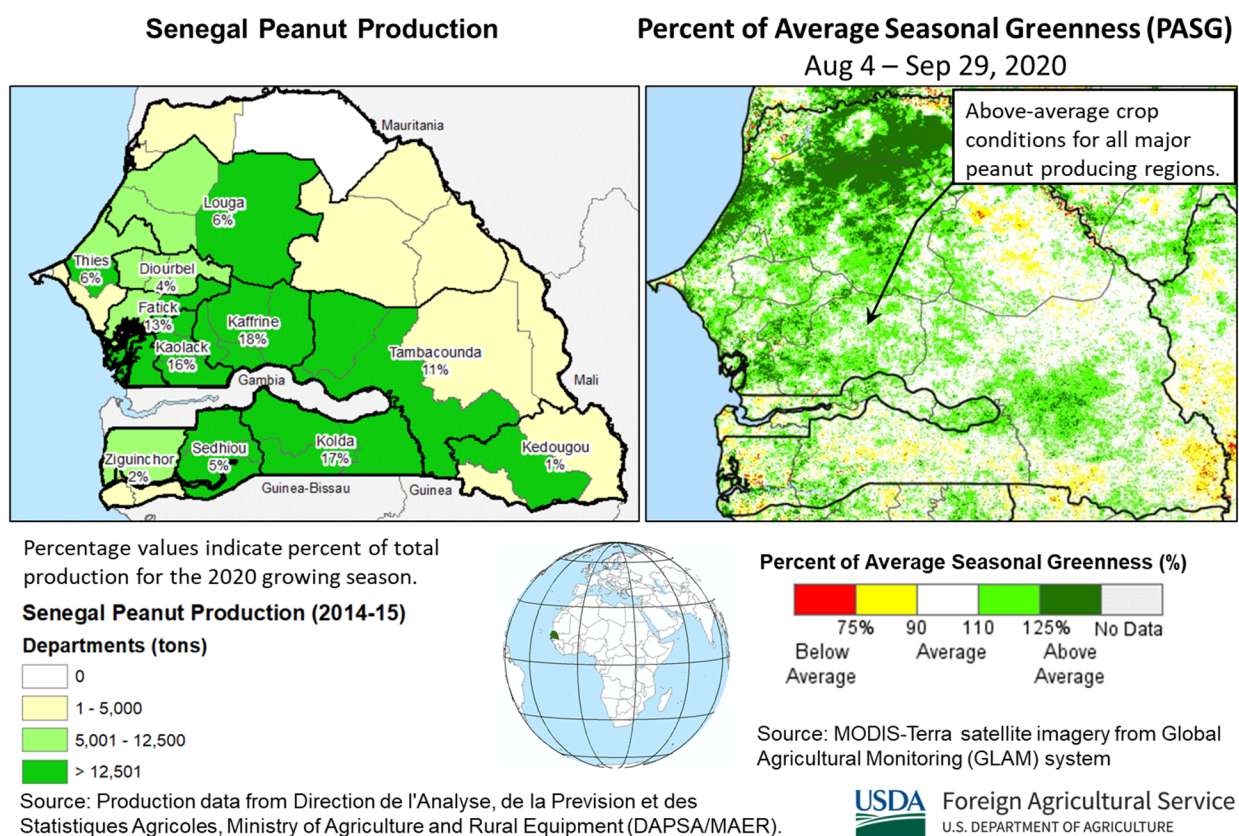
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Source: NASA/USDA GLAM MODIS NDVI
with MODIS Land cover crop mask 2013

Rapeseed is grown in the *rabi* season and planting usually begins in late October. The southwest monsoon withdrew later than normal, and the soil moisture conditions encouraged timely planting in northwestern and central India. Warmer temperatures, however, likely impacted this crop at ripening or at a later stage of crop development. The satellite-derived Normalized Difference Vegetation Index (NDVI) analysis depicts crop vigor above normal in both Rajasthan and Uttar Pradesh, which accounts for approximately 40 percent and 20 percent of total crop production, respectively. There are no significant reports of pest or disease infestation. Harvest activities ended in March. (For more information, please contact Arnella.Trent@usda.gov.)

Senegal Peanuts: Record Production from Favorable Rains

Senegal peanut production for marketing year 2020/21 is estimated at a record 1.6 million metric tons (mmt), up 200,000 metric tons (mt) (14 percent) from last month and up 179,000 mt (13 percent) from last year. Harvested area is estimated at 1.2 million hectares, up 20,000 hectares (2 percent) from last month and up 109,000 hectares (10 percent) from last year. Yield is estimated at 1.31 metric tons per hectare, up 20 percent from the 5-year average. Yield is estimated above average due to well-distributed and above-average rains from July through September.

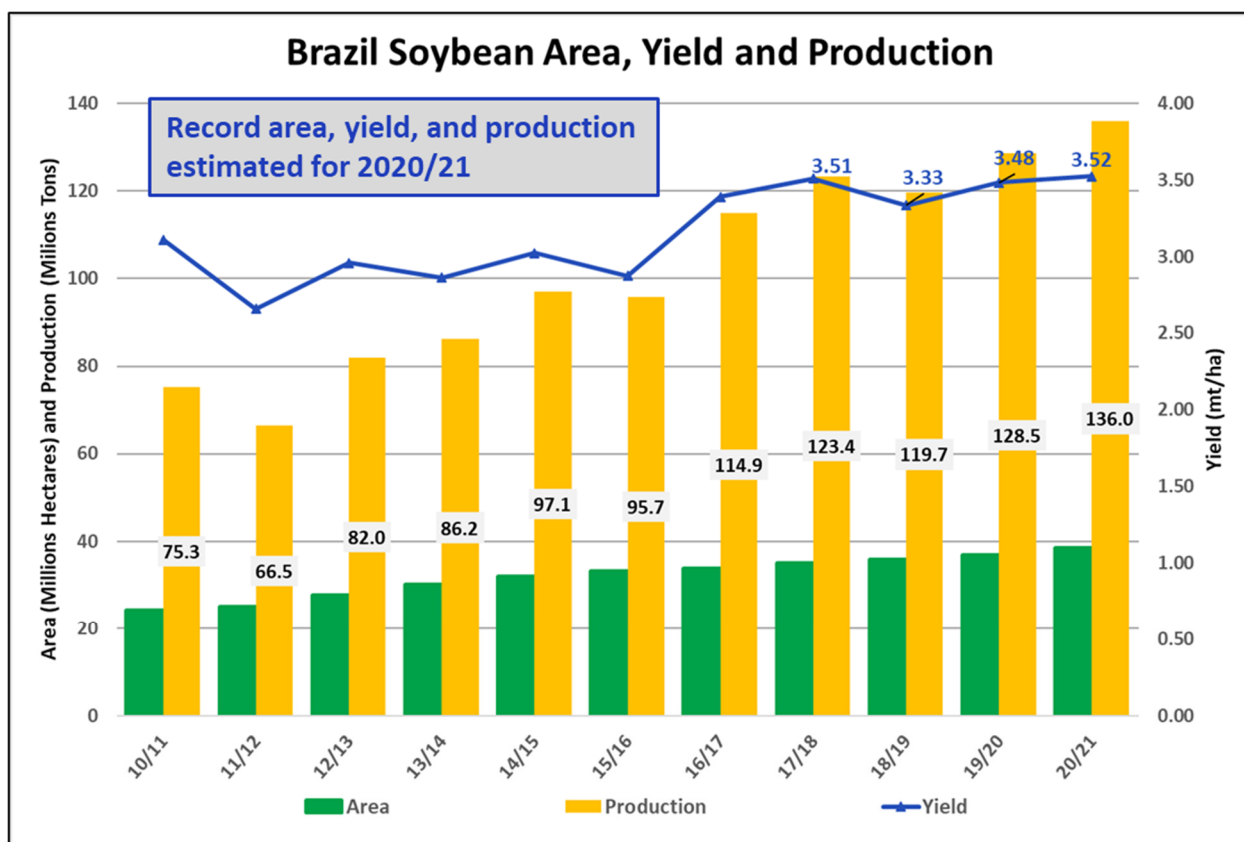


Senegal's planting season is from mid-May through July and harvest is from September to the end of October. Planting was delayed by the late onset of rains in May, but seasonal precipitation was favorable from July through September 2020. The satellite-derived Normalized Difference Vegetation Index (NDVI) and the Percent of Average Seasonal Greenness (PASG) measurements indicate above-average crop conditions from August through September. Senegal's Ministry of Agriculture and Rural Equipment (MAER) reported above-average yields for most major peanut producing regions.

Peanuts are primarily produced in central and southern Senegal where the following eight regions produced approximately 92 percent of total production during the 2020 season: Kaffrine (18 percent), Kolda (17 percent), Kaolack (16 percent), Fatick (13 percent), Tambacounda (11 percent), Thies (6 percent), Louga (6 percent), and Sedhiou (5 percent). Harvested peanut area has been over 1.0 million hectares since 2015 and production has been over 1.0 mmt since 2017. *(For more information, please contact Curt.Reynolds@usda.gov.)*

Brazil Soybeans: Record Production Revised Higher

Brazil soybean production for marketing year 2020/21 is forecast at a record 136.0 million metric tons (mmt), up 2.0 mmt (1 percent) from last month and 7.5 mmt (6 percent) from last season's revised record crop of 128.5 mmt. The harvested area is forecast at a record 38.6 million hectares (mha), up 1.7 mha (5 percent) from last season's record. Yield is forecast at a record 3.52 tons per hectare, 1 percent above last season and close to the 10-year trend. Although Brazil had weather-related delays in sowing and harvesting, record output is expected for a second consecutive year.

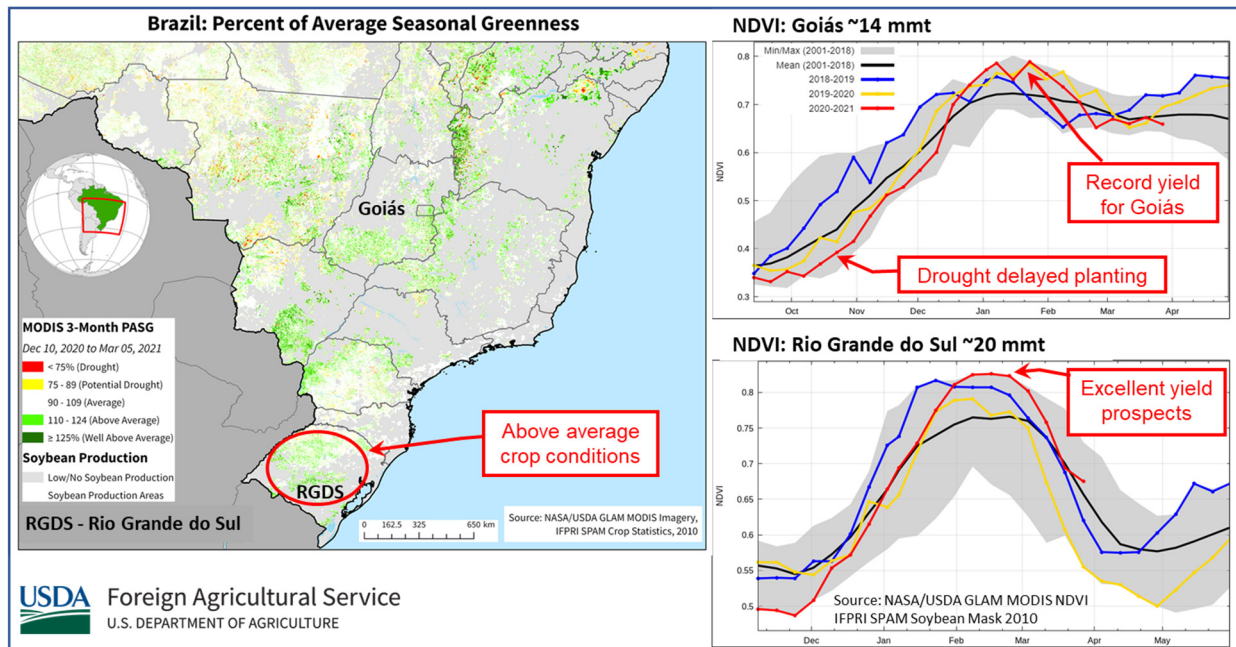


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Source: USDA PSD Online

Nationally, about 80 percent of the soybean crop has been harvested. Dry weather has allowed rapid harvest gains during the past two weeks in the center-west states. According to state and national government reports, harvest is complete in Mato Grosso and over 90 percent complete in Goiás, Mato Grosso do Sul, and Paraná. Yield estimates are below the prior season for most of these states except for Goiás, which is reporting a record yield. Rio Grande do Sul begins harvest later than the center-west, and their harvest reached 27 percent as of April 1st reported by the state Technical Assistance and Rural Extension agency (EMATER-RS). Harvest is more than 60 percent completed in the Northeast and reported yield in Bahia is above last year's yield.

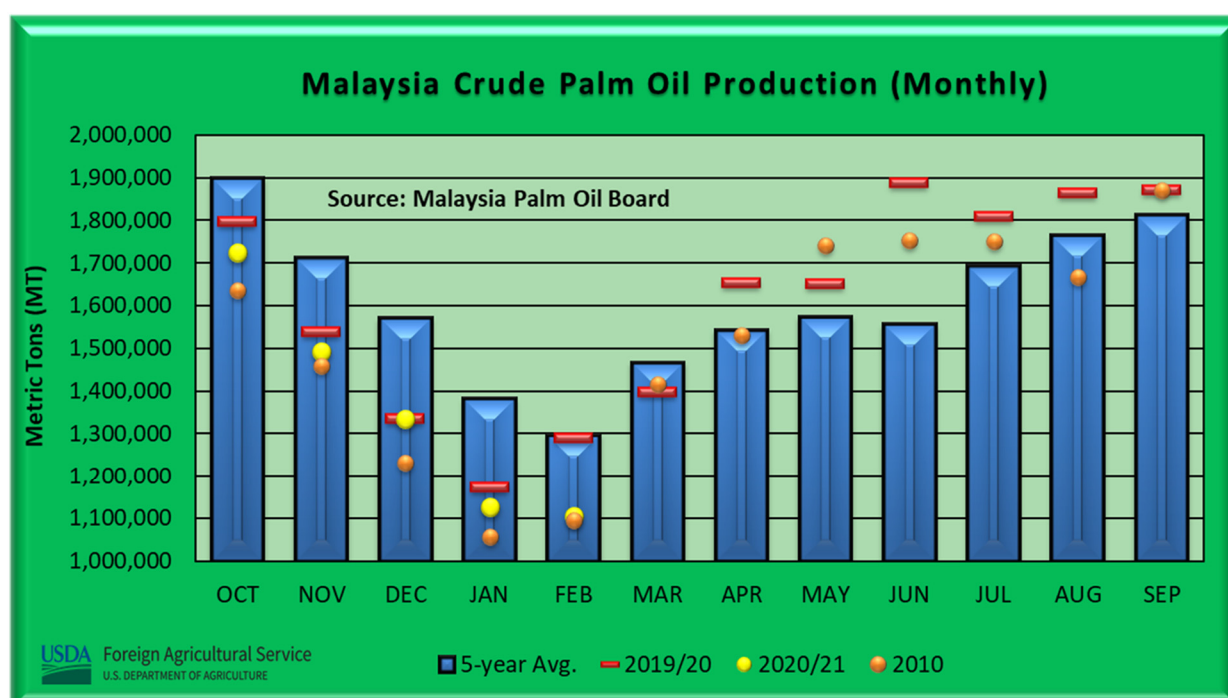
Brazil Soybeans: Vegetation Indices



Soybean crops in the state of Rio Grande do Sul benefited from sufficient rainfall this season and yield expectations are well-above average. The satellite-derived Normalized Difference Vegetation Index (NDVI) suggests a record yield; this is in contrast to the significant yield reductions for the 2019/20 season due to drought. Similarly, the Percent of Average Seasonal Greenness (PASG) reflects better than average crop conditions for much of the soybean area in the state. The majority of the remaining crop in Rio Grande do Sul is mature and about 30 percent is in grain-filling stages. (For more information, please contact Sunita.Yadav-Pauletti@usda.gov.)

Malaysia Palm Oil: Production Continues to Decline

USDA estimates Malaysia marketing year 2020/21 palm oil production at 19.0 million metric tons, down 3 percent from last month and down 1 percent from last year. Harvested area is estimated at 5.4 million hectares, unchanged from last month, but up 1 percent from last year. Yield is estimated at 3.52 tons per hectare, down 3 percent from last month, and down 2 percent from last year.



After near-record setting rainfall in January, continued rains observed in February resulted in ongoing localized harvest disruptions in the main oil palm regions, most notably in Sabah. Sabah is the main producing oil palm state which accounts for about 30 percent of total production. It has continued to experience significant year-to-year monthly Crude Palm Oil (CPO) output lows. According to the Malaysia Palm Oil Board, Sabah's CPO output for January and February was estimated at 17 percent and 28 percent below last year, respectively. Local reports indicate persistent rainfall stemming from La Niña has negatively impacted the CPO monthly output and yield as workers' ability to harvest oil palm has been limited. Additionally, there have been ongoing labor shortages due in part to the COVID-19 pandemic as the Malaysian government closed borders and froze movement of foreign workers. Foreign workers make up more than 75 percent of Malaysia's palm oil workforce.

Overall, Malaysia's (October to February) CPO output is down 14 percent from last year and 15 percent from the 5-year average, the lowest output since 2010. USDA's market year for Malaysia palm oil is October through September. *(For more information, please contact Justin.Jenkins@usda.gov.)*



World Agricultural Production
U.S. Department of Agriculture

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This report uses information from the Foreign Agricultural Service's (FAS) global network of agricultural attachés and counselors, official statistics of foreign governments and other foreign source materials, and the analysis of economic data and satellite imagery. Estimates of foreign area, yield, and production are from the International Production Assessment Division, FAS, and are reviewed by USDA's Inter-Agency Commodity Estimates Committee. Estimates of U.S. area, yield, and production are from USDA's National Agricultural Statistics Service. Numbers within the report may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-584), April 9, 2021.

Printed copies are available from the National Technical Information Service. Download an order form at http://www.ntis.gov/products/specialty/usda/fas_a-g.asp, or call NTIS at 1-800-363-2068.

The FAS International Production Assessment Division prepared this report. The next issue of World Agricultural Production will be released after 12:00 p.m. Eastern Time, May 12, 2021.

Conversion Table

Metric tons to bushels

Wheat, soybeans	=	MT * 36.7437
Corn, sorghum, rye	=	MT * 39.36825
Barley	=	MT * 45.929625
Oats	=	MT * 68.894438

Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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Metric tons to hundredweight

Rice	=	MT * 22.04622
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Area & weight

1 hectare	=	2.471044 acres
1 kilogram	=	2.204622 pounds



For further information, contact:
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The Foreign Agricultural Service (FAS) updates its production, supply and distribution (PSD) database for cotton, oilseeds, and grains at 12:00 p.m. on the day the *World Agricultural Supply and Demand Estimates* (WASDE) report is released. This circular is released by 12:15 p.m.

FAS Reports and Databases:

World Agricultural Production

Current: <https://www.fas.usda.gov/data/world-agricultural-production>

Archive: <https://usda.library.cornell.edu/concern/publications/5q47rn72z?locale=en>

USDA's Foreign Agricultural Service (FAS) publishes a monthly report on crop acreage, yield and production in major countries worldwide. Sources include reporting from FAS's worldwide offices, official statistics of foreign governments, and analysis of economic data and satellite imagery. The reports reflect official USDA estimates released in the monthly *World Agricultural Supply and Demand Estimates* (WASDE).

World Markets and Trade

Current: <https://www.fas.usda.gov/data>

Archive:

https://usda.library.cornell.edu/catalog?f%5Bmember_of_collections_ssim%5D%5B%5D=Foreign+Agricultural+Service&locale=en

USDA's Foreign Agricultural Service (FAS) publishes monthly and quarterly reports which include data on U.S. and global trade, production, consumption and stocks, as well as analysis of developments affecting world trade in oilseeds, grains, cotton, livestock and poultry. The reports reflect official USDA estimates released in the monthly *World Agricultural Supply and Demand Estimates* (WASDE).

Global Agricultural Information Network (GAIN)

<https://www.fas.usda.gov/databases/global-agricultural-information-network-gain>

USDA's Foreign Agricultural Service (FAS) provides timely reports on foreign markets through the Global Agriculture Information Network (GAIN) database. An average of 2,000 reports are added each year, with reports going back to 1995. GAIN reports are compiled by FAS' global market intelligence network, which includes FAS foreign service officers and locally engaged staff in over 90 overseas offices world-wide. They provide on-the-ground intelligence, insight, and analysis on nearly 200 countries, delivering information on foreign agricultural markets, crop conditions, and agro-political dynamics of interest to U.S. agriculture. GAIN reports contain assessments of commodity and trade issues made by USDA staff and are not necessarily statements of official U.S. government policy.

Production, Supply and Distribution (PS&D) Online

<https://apps.fas.usda.gov/psdonline/app/index.html#/app/home>

PSD Online is the public repository for USDA's Official Production, Supply and Distribution forecast data and reports for key agricultural commodities. PSD Online data are reviewed and updated monthly by an interagency committee chaired by USDA's World Agricultural Outlook Board (WAOB). The committee consist of representatives from Foreign Agricultural Service (FAS), the Economic Research Service (ERS), the Farm Service Agency (FSA), and the Agricultural Marketing Service (AMS).

EU Countries and Russia Wheat: Area and Production Estimates

<https://apps.fas.usda.gov/psdonline/app/index.html#/app/downloads> (click on PSD Datasets)

USDA's Foreign Agricultural Service (FAS) provides country-level area and production estimates for the nations of the European Union. For Russia, country-level area and production estimates are provided for Winter and Spring wheat. These datasets are reviewed and updated monthly by an interagency committee chaired by USDA's World Agricultural Outlook Board (WAOB) and can be downloaded through PSD datasets on PSD Online.



FAS Reports and Databases:

International Production Assessment (IPAD)

<https://ipad.fas.usda.gov/>

USDA's Foreign Agricultural Service (FAS) maintains a dynamic global crop production portal with key information including *World Agricultural Production* (WAP) briefs, Commodity Intelligence Reports (CIR), geospatial applications, crop production maps at a subnational level and crop calendars for the top-20 producing countries. Additionally, Crop Explorer (<https://ipad.fas.usda.gov/cropeexplorer/>) displays rainfall, temperature, evapotranspiration, soil moisture, snow cover, and vegetation conditions in charts and maps.

USDA and NASA Global Agricultural Monitoring (GLAM)

<https://glam1.gsfc.nasa.gov/>

The USDA and NASA Global Agricultural Monitoring (GLAM) system provides near real-time and science quality Moderate Resolution Imaging Spectroradiometer (MODIS) Normalized Difference Vegetation Index (NDVI) from the satellites Terra and Aqua. The public can view and retrieve MODIS 8-day composited, global NDVI satellite imagery and time series data. GLAM was developed by NASA's Global Inventory Modeling and Mapping Studies (GIMMS) group for USDA's Foreign Agricultural Service.

Global Agricultural and Disaster Assessment System (GADAS)

<https://geo.fas.usda.gov/GADAS/index.html>

USDA's Foreign Agricultural Service (FAS) provides the Global Agricultural and Disaster Assessment System (GADAS), a web-based Geographic Information System (GIS) tool which integrates a vast array of highly detailed earth observation data streams, particularly targeted towards agricultural and disaster assessment analysis. GADAS is an interactive website which provides analysts with a wide variety of routine geospatial products (maps, charts, tables) they require for comprehensive situational investigations and recurring assessments.

Export Sales Reporting

<https://apps.fas.usda.gov/esrquery/>

USDA's Export Sales Reporting Program monitors U.S. agricultural export sales on a daily and weekly basis. Export sales reporting provides a constant stream of up-to-date market information for 40 U.S. agricultural commodities sold abroad. The weekly U.S. Export Sales report is the most currently available source of U.S. exports sales data. The data is used to analyze overall levels of export demand, determine where markets exit, and assess the relative position of U.S. commodities in foreign markets.

Global Agricultural Trade System (GATS)

<https://apps.fas.usda.gov/gats/default.aspx>

The Global Agricultural Trade System (GATS) is a searchable database containing monthly U.S. Census Bureau trade data organized by agricultural commodity and agricultural related product groups. Trade data is searchable by partner countries and partner groups. Historical U.S. agricultural trade data is available back to 1967. In addition, U.N. trade statistics (UN Comtrade) may be queried through GATS. UN trade data is available for nearly 200 countries or areas, dating from the inception of the Harmonized System (HS) of trade codes in 1989 to present. The database is continuously updated. U.S. trade data is updated monthly according to the U.S. Census Bureau's reporting system. UN Comtrade data are updated in GATS after nationally submitted data to the UN are standardized by the UN Statistical Division and added to the UN Comtrade database.

Other USDA Reports:

World Agricultural Supply and Demand Estimates (WASDE):

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

Economic Research Service:

<http://www.ers.usda.gov/topics/crops>

National Agricultural Statistics Service:

<http://www.nass.usda.gov/Publications/>

Table 01 World Crop Production Summary

Million Metric Tons

Commodity	World	Total Foreign	North America			Former Soviet		Europea n	Asia (WAP)					South America		Selected Other			All Others	
	-		United States	Canada -	Mexico -	Russia -	Ukraine -		China -	India -	Indo-nesia	Paki- stan	Thai-land	Argen- tina	Brazil -	Aus- tralia	South Africa	Turkey -		
Wheat	---Million metric tons---																			
	2018/19	731.0	679.7	51.3	32.4	3.0	71.7	25.1	nr	131.4	99.9	0.0	25.1	0.0	19.5	5.4	17.6	1.9	19.0	227.8
	2019/20 prel.	763.9	711.3	52.6	32.7	3.3	73.6	29.2	nr	133.6	103.6	0.0	24.3	0.0	19.8	5.2	15.2	1.5	17.5	251.8
	2020/21 proj.																			
	Mar	776.8	727.1	49.7	35.2	3.1	85.4	25.5	nr	134.3	107.9	0.0	25.2	0.0	17.2	6.3	33.0	2.1	18.3	233.9
	Apr	776.5	726.8	49.7	35.2	3.0	85.4	25.5	nr	134.3	107.9	0.0	25.2	0.0	17.6	6.3	33.0	2.1	18.3	233.3
	Coarse Grains																			
	2018/19	1,399.1	1,021.2	377.9	26.2	33.5	35.0	44.5	nr	264.0	43.2	12.0	6.6	5.7	59.2	104.3	11.5	12.4	13.3	349.9
	2019/20 prel.	1,411.7	1,052.3	359.4	28.6	32.1	40.5	46.5	nr	268.2	47.7	12.0	7.4	4.6	58.1	105.6	10.4	16.4	14.5	359.8
	2020/21 proj.																			
	Mar	1,444.8	1,070.3	374.6	29.6	33.2	41.4	38.7	nr	268.0	49.2	12.1	7.5	5.6	55.6	112.4	16.6	17.8	15.8	366.8
	Apr	1,446.0	1,071.4	374.6	29.6	33.0	41.4	38.7	nr	268.0	49.2	11.8	8.3	5.7	55.5	112.4	16.5	17.8	15.8	367.8
	Rice, Milled																			
	2018/19	497.3	490.2	7.1	0.0	0.2	0.7	0.0	nr	148.5	116.5	34.2	7.3	20.3	0.8	7.1	0.0	0.0	0.6	153.9
	2019/20 prel.	497.7	491.8	5.9	0.0	0.2	0.7	0.0	nr	146.7	118.9	34.7	7.2	17.7	0.8	7.6	0.0	0.0	0.6	156.7
	2020/21 proj.																			
	Mar	504.4	497.2	7.2	0.0	0.2	0.7	0.0	nr	148.3	121.0	35.5	7.6	18.6	0.8	7.5	0.4	0.0	0.6	156.0
	Apr	504.2	496.9	7.2	0.0	0.2	0.7	0.0	nr	148.3	121.0	35.2	7.6	18.8	0.8	7.5	0.4	0.0	0.6	155.8
	Total Grains																			
	2018/19	2,627.5	2,191.2	436.3	58.6	36.7	107.4	69.6	nr	543.9	259.6	46.2	39.0	26.0	79.5	116.9	29.2	14.3	32.9	731.7
	2019/20 prel.	2,673.3	2,255.4	417.9	61.3	35.5	114.8	75.8	nr	548.5	270.1	46.7	38.9	22.2	78.7	118.4	25.7	17.9	32.6	768.3
2020/21 proj.																				
Mar	2,726.0	2,294.5	431.5	64.8	36.4	127.5	64.2	nr	550.6	278.0	47.6	40.3	24.2	73.6	126.1	49.9	19.9	34.6	756.7	
Apr	2,726.7	2,295.2	431.5	64.8	36.1	127.5	64.2	nr	550.6	278.0	47.0	41.1	24.5	73.9	126.1	49.8	19.9	34.6	756.8	
Oilseeds																				
2018/19	600.0	469.2	130.7	28.2	1.3	18.7	22.7	nr	60.0	35.5	14.1	3.8	1.0	60.8	124.6	3.1	2.0	3.4	90.1	
2019/20 prel.	578.7	471.7	107.0	25.8	1.1	21.7	24.5	nr	63.0	36.7	14.4	3.3	1.1	53.6	133.8	2.6	2.2	3.3	84.6	
2020/21 proj.																				
Mar	595.8	473.4	122.4	25.5	0.9	20.1	19.8	nr	65.0	37.9	14.6	2.7	1.1	52.1	138.6	4.9	2.5	2.9	85.2	
Apr	598.0	475.6	122.4	25.5	0.9	20.1	19.8	nr	65.0	39.2	14.6	2.7	1.1	52.1	140.6	4.8	2.5	2.9	84.0	
Cotton																				
2018/19	118.6	100.2	18.4	0.0	1.7	0.0	0.0	1.7	27.8	25.8	0.0	7.6	0.0	1.1	13.0	2.2	0.2	3.8	15.3	
2019/20 prel.	122.1	102.2	19.9	0.0	1.6	0.0	0.0	2.0	27.3	29.5	0.0	6.2	0.0	1.3	13.8	0.6	0.1	3.5	16.4	
2020/21 proj.																				
Mar	113.3	98.6	14.7	0.0	1.0	0.0	0.0	1.7	29.0	29.0	0.0	4.5	0.0	1.4	11.5	2.6	0.1	2.9	15.0	
Apr	113.0	98.3	14.7	0.0	1.0	0.0	0.0	1.7	29.0	29.0	0.0	4.5	0.0	1.3	11.5	2.5	0.1	2.9	14.9	

1/ Includes wheat, coarse grains, and rice (milled) shown above.

Table 02 Wheat Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	215.45	216.98	221.96	221.92	3.39	3.52	3.50	3.50	731.00	763.86	776.78	776.49	-0.29	-0.04	12.64	1.65
United States	16.03	15.13	14.87	14.87	3.20	3.47	3.34	3.34	51.31	52.58	49.69	49.69	0.00	0.00	-2.89	-5.50
Total Foreign	199.42	201.85	207.09	207.05	3.41	3.52	3.51	3.51	679.69	711.27	727.09	726.80	-0.29	-0.04	15.53	2.18
European Union - 28	25.52	26.16	24.61	24.47	5.35	5.90	5.52	5.54	136.58	154.34	135.80	135.60	-0.20	-0.15	-18.74	-12.14
China	24.27	23.73	23.38	23.38	5.42	5.63	5.74	5.74	131.43	133.59	134.25	134.25	0.00	0.00	0.66	0.49
South Asia																
India	29.65	29.32	31.36	31.36	3.37	3.53	3.44	3.44	99.87	103.60	107.86	107.86	0.00	0.00	4.26	4.11
Pakistan	8.80	8.80	8.81	8.81	2.85	2.76	2.86	2.86	25.10	24.30	25.20	25.20	0.00	0.00	0.90	3.70
Afghanistan	2.00	2.30	2.33	2.33	1.80	2.17	2.15	2.15	3.60	5.00	5.01	5.01	0.00	0.00	0.01	0.20
Nepal	0.70	0.75	0.75	0.75	2.85	2.95	2.95	2.95	2.01	2.20	2.21	2.21	0.00	0.00	0.01	0.45
Former Soviet Union - 12																
Russia	26.34	27.31	28.68	28.68	2.72	2.70	2.98	2.98	71.69	73.61	85.35	85.35	0.00	0.00	11.74	15.95
Russia Winter	14.91	15.41	16.63	16.63	3.52	3.41	3.77	3.77	52.47	52.54	62.69	62.69	0.00	0.00	10.15	19.32
Russia Spring	11.44	11.91	12.06	12.06	1.68	1.77	1.88	1.88	19.22	21.07	22.67	22.67	0.00	0.00	1.59	7.56
Ukraine	6.72	7.02	6.80	6.80	3.73	4.16	3.75	3.75	25.06	29.17	25.50	25.50	0.00	0.00	-3.67	-12.58
Kazakhstan	11.35	11.34	12.08	12.08	1.23	1.01	1.18	1.18	13.95	11.45	14.26	14.26	0.00	0.00	2.80	24.48
Uzbekistan	1.40	1.40	1.40	1.40	4.29	4.86	4.65	4.65	6.00	6.80	6.51	6.51	0.00	0.00	-0.29	-4.26
Belarus	0.66	0.69	0.70	0.70	2.75	3.33	3.29	3.29	1.82	2.31	2.30	2.30	0.00	0.00	-0.01	-0.39
Canada	9.88	9.66	10.02	10.02	3.27	3.38	3.51	3.51	32.35	32.67	35.18	35.18	0.00	0.00	2.51	7.69
South America																
Argentina	6.05	6.73	6.30	6.39	3.22	2.94	2.73	2.76	19.50	19.78	17.20	17.63	0.43	2.50	-2.15	-10.87
Brazil	2.04	2.04	2.34	2.34	2.66	2.55	2.67	2.67	5.43	5.20	6.25	6.25	0.00	0.00	1.05	20.19
Uruguay	0.20	0.24	0.21	0.21	3.68	3.26	3.50	3.50	0.73	0.78	0.75	0.75	0.00	0.00	-0.03	-3.99
Australia	10.40	10.20	13.00	13.00	1.69	1.49	2.54	2.54	17.60	15.20	33.00	33.00	0.00	0.00	17.80	117.11
Africa																
Egypt	1.32	1.37	1.39	1.39	6.40	6.40	6.40	6.40	8.45	8.77	8.90	8.90	0.00	0.00	0.13	1.48
Morocco	2.85	2.75	2.76	2.76	2.58	1.46	0.93	0.93	7.34	4.03	2.56	2.56	0.00	0.00	-1.47	-36.40
Ethiopia	1.75	1.80	1.85	1.85	2.42	2.74	2.86	2.76	4.24	4.93	5.30	5.10	-0.20	-3.77	0.18	3.55
Algeria	2.07	2.07	2.08	2.08	1.90	1.90	1.88	1.88	3.94	3.95	3.90	3.90	0.00	0.00	-0.05	-1.27
Middle East																
Turkey	7.62	7.00	7.10	7.10	2.50	2.50	2.57	2.57	19.00	17.50	18.25	18.25	0.00	0.00	0.75	4.29
Iran	6.70	6.70	6.70	6.70	2.16	2.51	2.50	2.50	14.50	16.80	16.75	16.75	0.00	0.00	-0.05	-0.30
Iraq	1.70	2.40	2.40	2.40	1.76	2.00	1.93	1.93	3.00	4.80	4.64	4.64	0.00	0.00	-0.17	-3.44
Syria	1.10	1.60	1.60	1.60	1.82	3.00	2.81	2.81	2.00	4.80	4.50	4.50	0.00	0.00	-0.30	-6.25
Mexico	0.54	0.59	0.55	0.56	5.56	5.54	5.55	5.33	3.00	3.27	3.05	2.97	-0.09	-2.79	-0.31	-9.33
Serbia	0.65	0.57	0.57	0.57	4.92	4.56	4.56	4.74	3.20	2.60	2.60	2.70	0.10	3.85	0.10	3.85
Others	7.13	7.32	7.33	7.32	2.57	2.71	2.73	2.69	18.33	19.84	20.01	19.68	-0.33	-1.65	-0.15	-0.77

Table 03 Total Coarse Grain Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Mar	Proj. Apr	2018/19	Prel. 2019/20	2020/21 Mar	Proj. Apr	2018/19	Prel. 2019/20	2020/21 Mar	Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	331.24	333.97	338.81	338.64	4.22	4.23	4.26	4.27	1,399.15	1,411.74	1,444.83	1,445.99	1.16	0.08	34.25	2.43
United States	36.20	36.17	36.84	36.84	10.44	9.94	10.17	10.17	377.91	359.43	374.57	374.57	0.00	0.00	15.13	4.21
Total Foreign	295.04	297.80	301.97	301.80	3.46	3.53	3.54	3.55	1,021.24	1,052.31	1,070.27	1,071.43	1.16	0.11	19.12	1.82
China	44.29	43.72	43.68	43.68	5.96	6.14	6.14	6.14	263.96	268.20	268.05	268.05	0.00	0.00	-0.16	-0.06
European Union	29.24	30.15	30.97	30.98	5.07	5.38	5.23	5.24	148.26	162.08	161.86	162.49	0.64	0.39	0.41	0.25
South America																
Brazil	18.72	19.77	20.98	20.98	5.57	5.34	5.36	5.36	104.33	105.57	112.41	112.41	0.00	0.00	6.83	6.47
Argentina	8.22	8.43	8.29	8.28	7.21	6.90	6.70	6.70	59.22	58.13	55.59	55.49	-0.10	-0.18	-2.63	-4.53
Former Soviet Union - 12																
Russia	14.03	14.51	14.55	14.55	2.50	2.79	2.84	2.84	35.00	40.50	41.40	41.40	0.00	0.00	0.90	2.22
Ukraine	7.58	8.22	8.52	8.52	5.87	5.67	4.54	4.54	44.50	46.55	38.71	38.71	0.00	0.00	-7.84	-16.83
Kazakhstan	2.97	3.45	3.20	3.20	1.76	1.47	1.54	1.54	5.23	5.06	4.93	4.93	0.00	0.00	-0.13	-2.61
Belarus	1.01	1.08	1.03	1.03	2.91	3.08	3.42	3.42	2.93	3.32	3.52	3.52	0.00	0.00	0.21	6.18
Africa																
Nigeria	14.30	14.40	14.40	14.40	1.39	1.37	1.42	1.42	19.84	19.67	20.40	20.40	0.00	0.00	0.74	3.74
South Africa	2.81	3.13	3.33	3.34	4.43	5.24	5.35	5.34	12.42	16.37	17.79	17.84	0.05	0.26	1.47	8.99
Tanzania	5.22	5.35	5.35	5.35	1.36	1.29	1.38	1.38	7.12	6.90	7.40	7.40	0.00	0.00	0.50	7.25
Burkina	4.32	3.90	3.90	3.90	1.12	1.19	1.26	1.26	4.82	4.66	4.90	4.90	0.00	0.00	0.25	5.26
Ethiopia	5.64	5.60	5.60	5.60	2.92	3.05	3.08	3.08	16.47	17.10	17.25	17.25	0.00	0.00	0.15	0.88
Egypt	1.07	1.02	1.02	1.02	7.14	7.09	7.09	7.09	7.66	7.26	7.26	7.26	0.00	0.00	0.00	0.00
Mali	4.63	4.70	4.70	4.70	1.50	1.48	1.45	1.45	6.94	6.94	6.80	6.80	0.00	0.00	-0.14	-1.95
India	22.23	23.98	23.19	23.19	1.94	1.99	2.12	2.12	43.21	47.66	49.16	49.16	0.00	0.00	1.50	3.15
Southeast Asia																
Indonesia	3.70	3.80	3.70	3.60	3.24	3.16	3.27	3.28	12.00	12.00	12.10	11.80	-0.30	-2.48	-0.20	-1.67
Philippines	2.48	2.51	2.60	2.60	3.07	3.20	3.15	3.19	7.61	8.03	8.20	8.30	0.10	1.22	0.27	3.36
Vietnam	1.03	0.99	0.97	0.95	4.72	4.80	4.68	4.83	4.87	4.76	4.54	4.59	0.05	1.10	-0.17	-3.51
Thailand	1.32	1.24	1.28	1.28	4.27	3.66	4.35	4.41	5.65	4.55	5.55	5.65	0.10	1.80	1.10	24.18
Mexico	8.95	8.41	8.95	8.87	3.74	3.82	3.71	3.72	33.47	32.10	33.19	32.96	-0.23	-0.69	0.87	2.70
Canada	5.00	5.54	5.80	5.80	5.24	5.16	5.11	5.11	26.20	28.61	29.64	29.64	0.00	0.00	1.03	3.61
Australia	6.06	5.01	5.99	5.99	1.90	2.08	2.76	2.75	11.51	10.44	16.56	16.46	-0.10	-0.60	6.03	57.73
Middle East																
Turkey	4.34	4.53	4.63	4.63	3.05	3.19	3.40	3.40	13.25	14.45	15.76	15.76	0.00	0.00	1.31	9.07
Iran	1.73	1.91	1.91	1.91	2.32	2.63	2.71	2.71	4.02	5.02	5.17	5.17	0.00	0.00	0.15	2.99
Others	74.14	72.47	73.44	73.46	1.63	1.61	1.66	1.68	120.75	116.43	122.14	123.10	0.96	0.79	6.67	5.73

World and Selected Countries and Regions; Coarse Grain includes: Barley, Corn, Millet, Mixed Grains, Oats, Rye and Sorghum

Table 04 Corn Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	192.22	193.18	196.96	196.84	5.85	5.78	5.77	5.78	1,124.92	1,116.52	1,136.31	1,137.05	0.74	0.07	20.54	1.84
United States	32.89	32.92	33.37	33.37	11.07	10.51	10.79	10.79	364.26	345.96	360.25	360.25	0.00	0.00	14.29	4.13
Total Foreign	159.33	160.27	163.59	163.46	4.77	4.81	4.74	4.75	760.65	770.56	776.06	776.80	0.74	0.10	6.25	0.81
China	42.13	41.28	41.26	41.26	6.10	6.32	6.32	6.32	257.17	260.78	260.67	260.67	0.00	0.00	-0.11	-0.04
South America																
Brazil	17.50	18.50	19.70	19.70	5.77	5.51	5.53	5.53	101.00	102.00	109.00	109.00	0.00	0.00	7.00	6.86
Argentina	6.10	6.30	6.10	6.10	8.36	8.10	7.79	7.70	51.00	51.00	47.50	47.00	-0.50	-1.05	-4.00	-7.84
Bolivia	0.47	0.48	0.50	0.50	2.11	2.39	2.40	2.40	0.99	1.15	1.20	1.20	0.00	0.00	0.06	4.80
European Union	8.28	8.92	9.00	8.99	7.77	7.49	7.08	7.12	64.38	66.76	63.70	64.00	0.30	0.47	-2.76	-4.13
Africa																
South Africa	2.60	2.91	3.10	3.10	4.55	5.45	5.48	5.48	11.82	15.84	17.00	17.00	0.00	0.00	1.16	7.30
Nigeria	6.50	6.50	6.50	6.50	1.69	1.69	1.77	1.77	11.00	11.00	11.50	11.50	0.00	0.00	0.50	4.55
Ethiopia	2.30	2.30	2.30	2.30	3.63	3.70	3.74	3.74	8.35	8.50	8.60	8.60	0.00	0.00	0.10	1.18
Egypt	0.85	0.80	0.80	0.80	8.00	8.00	8.00	8.00	6.80	6.40	6.40	6.40	0.00	0.00	0.00	0.00
Tanzania	4.10	4.20	4.20	4.20	1.46	1.39	1.50	1.50	5.99	5.82	6.30	6.30	0.00	0.00	0.48	8.25
Malawi	1.69	1.70	1.70	1.70	1.60	1.78	2.22	2.22	2.70	3.03	3.78	3.78	0.00	0.00	0.75	24.75
Zambia	1.09	0.84	1.29	1.29	2.21	2.38	2.62	2.62	2.40	2.00	3.39	3.39	0.00	0.00	1.38	69.01
Kenya	2.14	2.00	2.00	2.00	1.87	1.90	2.00	2.00	4.01	3.80	4.00	4.00	0.00	0.00	0.20	5.26
Uganda	1.13	1.15	1.15	1.15	2.30	2.24	2.43	2.43	2.60	2.58	2.80	2.80	0.00	0.00	0.23	8.74
Zimbabwe	1.72	1.62	1.58	1.58	0.99	0.48	0.57	0.57	1.70	0.78	0.91	0.91	0.00	0.00	0.13	16.86
Former Soviet Union - 12																
Ukraine	4.57	4.99	5.40	5.40	7.84	7.19	5.46	5.46	35.81	35.89	29.50	29.50	0.00	0.00	-6.39	-17.80
Russia	2.37	2.50	2.73	2.73	4.81	5.70	5.08	5.08	11.42	14.28	13.87	13.87	0.00	0.00	-0.40	-2.82
South Asia																
India	9.03	9.57	9.70	9.70	3.07	3.01	3.11	3.11	27.72	28.77	30.20	30.20	0.00	0.00	1.43	4.99
Pakistan	1.32	1.33	1.39	1.39	4.62	5.19	5.05	5.63	6.10	6.90	7.00	7.80	0.80	11.43	0.90	13.04
Nepal	0.96	0.96	0.97	0.97	2.84	2.76	2.82	2.82	2.71	2.65	2.72	2.72	0.00	0.00	0.07	2.64
Southeast Asia																
Indonesia	3.70	3.80	3.70	3.60	3.24	3.16	3.27	3.28	12.00	12.00	12.10	11.80	-0.30	-2.48	-0.20	-1.67
Philippines	2.48	2.51	2.60	2.60	3.07	3.20	3.15	3.19	7.61	8.03	8.20	8.30	0.10	1.22	0.27	3.36
Vietnam	1.03	0.99	0.97	0.95	4.72	4.80	4.68	4.83	4.87	4.76	4.54	4.59	0.05	1.10	-0.17	-3.51
Thailand	1.30	1.22	1.25	1.26	4.32	3.70	4.40	4.46	5.60	4.50	5.50	5.60	0.10	1.82	1.10	24.44
Mexico	7.20	6.62	7.25	7.25	3.84	4.03	3.83	3.83	27.67	26.66	27.80	27.80	0.00	0.00	1.14	4.28
Canada	1.43	1.45	1.41	1.41	9.70	9.24	9.63	9.63	13.89	13.40	13.56	13.56	0.00	0.00	0.16	1.19
Turkey	0.53	0.52	0.62	0.62	10.75	11.54	11.45	11.45	5.70	6.00	7.10	7.10	0.00	0.00	1.10	18.33
Others	24.82	24.31	24.42	24.42	2.73	2.69	2.75	2.76	67.66	65.29	67.22	67.41	0.19	0.28	2.12	3.24

World and Selected Countries and Regions

Table 05 Barley Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj.		2018/19	Prel. 2019/20	2020/21 Proj.		2018/19	Prel. 2019/20	2020/21 Proj.		From last month		From last year	
			Mar	Apr			Mar	Apr			Mar	Apr	MMT	Percent	MMT	Percent
World	48.84	51.78	51.89	51.81	2.85	3.03	3.07	3.09	139.42	156.70	159.47	159.99	0.52	0.33	3.29	2.10
United States	0.80	0.90	0.86	0.86	4.17	4.18	4.17	4.17	3.34	3.76	3.60	3.60	0.00	0.00	-0.16	-4.15
Total Foreign	48.04	50.88	51.03	50.95	2.83	3.01	3.05	3.07	136.08	152.94	155.87	156.39	0.52	0.33	3.45	2.25
European Union	12.32	12.33	12.78	12.78	4.55	5.13	4.94	4.96	55.98	63.32	63.05	63.40	0.35	0.56	0.08	0.13
Former Soviet Union - 12																
Russia	7.78	8.40	8.16	8.16	2.15	2.37	2.53	2.53	16.74	19.94	20.63	20.63	0.00	0.00	0.69	3.46
Ukraine	2.57	2.78	2.60	2.60	2.96	3.42	3.08	3.08	7.60	9.53	8.00	8.00	0.00	0.00	-1.53	-16.04
Kazakhstan	2.52	2.98	2.73	2.73	1.58	1.29	1.34	1.34	3.97	3.83	3.66	3.66	0.00	0.00	-0.17	-4.46
Belarus	0.43	0.41	0.38	0.38	2.20	2.69	2.76	2.76	0.94	1.10	1.05	1.05	0.00	0.00	-0.05	-4.37
Azerbaijan	0.34	0.34	0.35	0.35	2.80	2.97	2.81	2.81	0.94	1.02	0.97	0.97	0.00	0.00	-0.05	-4.53
Canada	2.40	2.73	2.81	2.81	3.50	3.81	3.82	3.82	8.38	10.38	10.74	10.74	0.00	0.00	0.36	3.45
Australia	4.44	4.05	4.40	4.40	1.99	2.22	2.95	2.95	8.82	9.00	13.00	13.00	0.00	0.00	4.00	44.44
Middle East																
Turkey	3.60	3.80	3.80	3.80	1.94	2.08	2.13	2.13	7.00	7.90	8.10	8.10	0.00	0.00	0.20	2.53
Iran	1.55	1.70	1.70	1.70	1.81	2.12	2.21	2.21	2.80	3.60	3.75	3.75	0.00	0.00	0.15	4.17
Iraq	0.60	1.20	1.20	1.20	1.30	1.33	1.29	1.29	0.78	1.60	1.55	1.55	0.00	0.00	-0.05	-3.13
Syria	0.80	1.50	1.50	1.50	0.50	1.33	1.27	1.27	0.40	2.00	1.90	1.90	0.00	0.00	-0.10	-5.00
Africa																
Ethiopia	1.00	1.00	1.00	1.00	2.20	2.30	2.35	2.35	2.20	2.30	2.35	2.35	0.00	0.00	0.05	2.17
Morocco	1.60	1.45	1.47	1.47	1.82	0.80	0.44	0.44	2.91	1.16	0.64	0.64	0.00	0.00	-0.52	-44.88
Algeria	1.03	1.03	1.03	1.03	1.90	1.95	1.80	1.80	1.95	2.00	1.85	1.85	0.00	0.00	-0.16	-7.75
Tunisia	0.31	0.47	0.42	0.42	0.99	1.94	1.60	1.60	0.31	0.91	0.66	0.66	0.00	0.00	-0.25	-27.19
South Africa	0.12	0.13	0.14	0.14	3.55	2.61	4.15	4.15	0.42	0.35	0.59	0.59	0.00	0.00	0.25	71.01
South America																
Argentina	1.20	1.12	1.10	1.09	4.22	3.39	3.73	4.13	5.06	3.80	4.10	4.50	0.40	9.76	0.70	18.42
Uruguay	0.17	0.17	0.18	0.18	3.82	3.68	3.72	3.72	0.64	0.61	0.67	0.67	0.00	0.00	0.06	10.38
Brazil	0.11	0.12	0.12	0.12	3.16	3.61	3.21	3.21	0.35	0.43	0.39	0.39	0.00	0.00	-0.04	-10.26
India	0.66	0.58	0.59	0.59	2.69	2.84	2.92	2.92	1.78	1.63	1.72	1.72	0.00	0.00	0.09	5.45
China	0.26	0.26	0.26	0.26	3.64	3.46	3.46	3.46	0.96	0.90	0.90	0.90	0.00	0.00	0.00	0.00
Mexico	0.35	0.36	0.36	0.29	2.82	2.81	2.80	2.76	1.00	1.01	1.00	0.80	-0.20	-20.00	-0.21	-20.79
Afghanistan	0.08	0.18	0.17	0.17	0.68	1.39	1.41	1.41	0.06	0.25	0.24	0.24	0.00	0.00	-0.01	-4.00
Others	1.81	1.79	1.80	1.80	2.26	2.44	2.42	2.41	4.09	4.38	4.36	4.33	-0.03	-0.69	-0.05	-1.14

World and Selected Countries and Regions

Table 06 Oats Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	9.99	9.58	10.12	10.13	2.23	2.40	2.53	2.52	22.25	22.96	25.56	25.50	-0.06	-0.25	2.53	11.04
United States	0.35	0.34	0.41	0.41	2.33	2.31	2.34	2.34	0.82	0.77	0.95	0.95	0.00	0.00	0.18	22.77
Total Foreign	9.64	9.24	9.71	9.72	2.22	2.40	2.53	2.52	21.43	22.19	24.61	24.55	-0.06	-0.26	2.36	10.63
European Union	2.73	2.55	2.77	2.79	2.86	3.15	3.38	3.33	7.79	8.03	9.34	9.28	-0.06	-0.64	1.25	15.57
Former Soviet Union - 12																
Russia	2.73	2.43	2.33	2.33	1.73	1.82	1.77	1.77	4.72	4.42	4.13	4.13	0.00	0.00	-0.29	-6.63
Ukraine	0.20	0.18	0.20	0.20	2.14	2.32	2.31	2.31	0.42	0.43	0.45	0.45	0.00	0.00	0.02	5.39
Belarus	0.15	0.16	0.15	0.15	2.26	2.30	2.47	2.47	0.34	0.37	0.37	0.37	0.00	0.00	0.00	0.54
Kazakhstan	0.24	0.24	0.23	0.23	1.43	1.10	1.05	1.05	0.34	0.27	0.24	0.24	0.00	0.00	-0.03	-10.11
Canada	1.01	1.17	1.31	1.31	3.42	3.62	3.48	3.48	3.44	4.23	4.58	4.58	0.00	0.00	0.35	8.26
South America																
Argentina	0.24	0.32	0.29	0.29	2.40	1.86	2.24	2.24	0.57	0.60	0.65	0.65	0.00	0.00	0.05	8.33
Brazil	0.38	0.40	0.40	0.40	2.11	2.21	2.28	2.28	0.80	0.88	0.91	0.91	0.00	0.00	0.03	3.53
Chile	0.08	0.10	0.11	0.11	5.13	4.92	5.60	5.60	0.39	0.48	0.64	0.64	0.00	0.00	0.16	33.75
Uruguay	0.03	0.02	0.02	0.02	2.04	2.19	1.95	1.95	0.05	0.04	0.04	0.04	0.00	0.00	0.00	5.71
Oceania																
Australia	0.94	0.70	0.95	0.95	1.21	1.23	1.76	1.76	1.14	0.86	1.68	1.68	0.00	0.00	0.82	94.77
New Zealand	0.00	0.01	0.00	0.00	6.00	5.40	6.00	6.00	0.02	0.03	0.02	0.02	0.00	0.00	0.00	-11.11
China	0.50	0.53	0.53	0.53	1.15	1.19	1.19	1.19	0.58	0.63	0.63	0.63	0.00	0.00	0.00	0.00
Africa																
Algeria	0.09	0.09	0.09	0.09	1.29	1.29	1.29	1.29	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Morocco	0.05	0.05	0.04	0.04	1.40	0.89	0.88	0.88	0.06	0.04	0.04	0.04	0.00	0.00	-0.01	-12.50
South Africa	0.02	0.02	0.02	0.03	1.65	0.81	1.50	2.15	0.03	0.02	0.03	0.06	0.03	86.67	0.04	229.41
Other Europe																
Norway	0.07	0.07	0.07	0.07	2.09	4.29	4.29	4.29	0.14	0.30	0.30	0.30	0.00	0.00	0.00	0.00
Serbia	0.03	0.03	0.03	0.03	2.17	2.17	2.17	2.17	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Albania	0.02	0.02	0.01	0.01	2.06	2.06	2.14	2.14	0.04	0.03	0.03	0.03	0.00	0.00	0.00	-9.09
Bosnia and Herzegovina	0.01	0.01	0.01	0.01	2.79	1.93	2.56	2.56	0.04	0.03	0.02	0.02	0.00	0.00	0.00	-14.81
Turkey	0.10	0.10	0.10	0.10	2.30	2.30	2.40	2.40	0.23	0.23	0.24	0.24	0.00	0.00	0.01	4.35
Mexico	0.05	0.05	0.05	0.03	2.06	1.98	2.00	2.00	0.10	0.10	0.09	0.06	-0.03	-33.33	-0.04	-39.39
Others	0.02	0.01	0.01	0.01	2.00	1.86	1.86	1.86	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00

World and Selected Countries and Regions

Table 07 Rye Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2020/21 Proj.		Prel.		2020/21 Proj.		Prel.		2020/21 Proj.		From last month		From last year	
	2018/19	2019/20	Mar	Apr	2018/19	2019/20	Mar	Apr	2018/19	2019/20	Mar	Apr	MMT	Percent	MMT	Percent
World	3.74	4.03	4.24	4.22	2.67	3.04	3.37	3.37	10.00	12.26	14.26	14.24	-0.03	-0.18	1.98	16.17
United States	0.11	0.13	0.13	0.13	1.95	2.16	2.19	2.19	0.21	0.27	0.29	0.29	0.00	0.00	0.02	8.52
Total Foreign	3.63	3.91	4.10	4.09	2.70	3.07	3.40	3.41	9.79	11.99	13.97	13.94	-0.03	-0.18	1.96	16.35
European Union	1.92	2.21	2.25	2.23	3.23	3.81	4.09	4.10	6.21	8.43	9.18	9.15	-0.03	-0.27	0.72	8.53
Former Soviet Union - 12																
Russia	0.96	0.82	0.97	0.97	2.00	1.73	2.44	2.44	1.91	1.42	2.38	2.38	0.00	0.00	0.95	66.85
Belarus	0.25	0.32	0.30	0.30	2.00	2.37	3.00	3.00	0.50	0.76	0.90	0.90	0.00	0.00	0.14	19.05
Ukraine	0.15	0.12	0.14	0.14	2.66	2.90	2.96	2.96	0.40	0.34	0.40	0.40	0.00	0.00	0.06	17.99
Kazakhstan	0.02	0.02	0.02	0.02	1.05	1.00	1.25	1.25	0.02	0.02	0.03	0.03	0.00	0.00	0.01	30.43
Turkey	0.11	0.11	0.11	0.11	2.91	2.91	2.91	2.91	0.32	0.32	0.32	0.32	0.00	0.00	0.00	0.00
Canada	0.08	0.10	0.15	0.15	2.99	3.23	3.19	3.19	0.24	0.33	0.49	0.49	0.00	0.00	0.16	46.55
South America																
Chile	0.00	0.00	0.00	0.00	5.00	5.00	5.00	5.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
Argentina	0.05	0.11	0.07	0.07	1.78	2.04	2.00	2.00	0.09	0.22	0.14	0.14	0.00	0.00	-0.08	-36.36
Other Europe																
Bosnia and Herzegovina	0.00	0.00	0.00	0.00	2.75	2.50	3.33	3.33	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
Switzerland	0.00	0.00	0.00	0.00	5.50	5.50	5.50	5.50	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
Serbia	0.00	0.00	0.00	0.00	2.50	2.50	2.50	2.50	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
Australia	0.04	0.04	0.04	0.04	0.68	0.68	0.68	0.68	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Others	0.03	0.04	0.04	0.04	0.97	1.92	1.90	1.90	0.03	0.07	0.07	0.07	0.00	0.00	0.00	1.37

World and Selected Countries and Regions

Table 08 Sorghum Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	40.74	39.95	40.73	40.75	1.45	1.45	1.52	1.52	59.25	58.04	62.11	62.02	-0.09	-0.14	3.98	6.86
United States	2.05	1.89	2.06	2.06	4.53	4.58	4.59	4.59	9.27	8.67	9.47	9.47	0.00	0.00	0.80	9.24
Total Foreign	38.70	38.06	38.67	38.68	1.29	1.30	1.36	1.36	49.98	49.36	52.63	52.54	-0.09	-0.17	3.18	6.45
Africa																
Nigeria	5.80	5.90	5.90	5.90	1.16	1.13	1.17	1.17	6.72	6.67	6.90	6.90	0.00	0.00	0.24	3.53
Ethiopia	1.83	1.85	1.85	1.85	2.70	2.81	2.81	2.81	4.93	5.20	5.20	5.20	0.00	0.00	0.00	0.00
Sudan	7.11	6.33	7.00	7.00	0.70	0.63	0.71	0.71	4.95	4.00	5.00	5.00	0.00	0.00	1.00	25.00
Burkina	1.91	1.80	1.80	1.80	1.01	1.04	1.06	1.06	1.93	1.87	1.90	1.90	0.00	0.00	0.03	1.60
Mali	1.35	1.50	1.50	1.50	1.09	1.00	1.00	1.00	1.47	1.50	1.50	1.50	0.00	0.00	0.00	0.00
Niger	3.90	3.70	3.70	3.70	0.54	0.53	0.51	0.51	2.10	1.97	1.90	1.90	0.00	0.00	-0.07	-3.55
Cameroon	0.87	0.85	0.85	0.85	1.63	1.41	1.65	1.65	1.42	1.20	1.40	1.40	0.00	0.00	0.20	16.67
Tanzania	0.79	0.80	0.80	0.80	1.02	0.91	0.94	0.94	0.81	0.73	0.75	0.75	0.00	0.00	0.02	2.74
Egypt	0.14	0.14	0.14	0.14	5.36	5.36	5.36	5.36	0.75	0.75	0.75	0.75	0.00	0.00	0.00	0.00
Uganda	0.45	0.41	0.41	0.41	0.67	0.98	0.98	0.98	0.30	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Ghana	0.28	0.25	0.25	0.25	1.12	1.38	1.12	1.12	0.32	0.35	0.28	0.28	0.00	0.00	-0.07	-18.84
Mozambique	0.25	0.30	0.30	0.30	1.18	1.08	0.97	0.97	0.30	0.33	0.29	0.29	0.00	0.00	-0.04	-10.77
South Africa	0.05	0.04	0.05	0.05	2.70	3.67	3.78	3.80	0.14	0.16	0.17	0.19	0.02	11.76	0.03	20.25
Mexico	1.35	1.38	1.30	1.30	3.48	3.14	3.31	3.31	4.70	4.33	4.30	4.30	0.00	0.00	-0.03	-0.65
South America																
Argentina	0.63	0.58	0.73	0.73	3.97	4.35	4.38	4.38	2.50	2.50	3.20	3.20	0.00	0.00	0.70	28.00
Brazil	0.73	0.75	0.75	0.75	2.97	3.03	2.80	2.80	2.18	2.25	2.10	2.10	0.00	0.00	-0.15	-6.83
South Asia																
India	4.09	4.82	4.10	4.10	0.85	0.99	1.16	1.16	3.48	4.77	4.74	4.74	0.00	0.00	-0.03	-0.67
Pakistan	0.24	0.24	0.25	0.25	0.59	0.58	0.58	0.58	0.14	0.14	0.15	0.15	0.00	0.00	0.01	3.57
China	0.62	0.75	0.73	0.73	4.70	4.80	4.86	4.86	2.91	3.60	3.55	3.55	0.00	0.00	-0.05	-1.39
Australia	0.55	0.15	0.51	0.51	2.11	2.00	2.84	2.65	1.16	0.30	1.45	1.35	-0.10	-6.90	1.05	350.00
European Union	0.13	0.16	0.20	0.20	5.70	5.30	5.10	5.05	0.75	0.85	1.02	1.01	-0.01	-0.98	0.16	19.10
Others	5.64	5.37	5.55	5.56	1.07	1.03	1.02	1.02	6.03	5.51	5.69	5.69	0.00	0.00	0.18	3.30

World and Selected Countries and Regions

Table 09 Rice Area, Yield, and Production
World and Selected Countries and Regions

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Mar	Proj. Apr	2018/19	Prel. 2019/20	2020/21 Mar	Proj. Apr	2018/19	Prel. 2019/20	2020/21 Mar	Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	162.48	160.71	162.40	162.46	4.57	4.62	4.64	4.63	497.34	497.69	504.41	504.17	-0.24	-0.05	6.48	1.30
United States	1.18	1.00	1.21	1.21	8.62	8.38	8.54	8.54	7.11	5.88	7.23	7.23	0.00	0.00	1.35	22.95
Total Foreign	161.30	159.70	161.19	161.25	4.54	4.60	4.61	4.60	490.24	491.82	497.19	496.94	-0.24	-0.05	5.13	1.04
East Asia																
China	30.19	29.69	30.08	30.08	7.03	7.06	7.04	7.04	148.49	146.73	148.30	148.30	0.00	0.00	1.57	1.07
Japan	1.55	1.54	1.54	1.53	6.79	6.78	6.82	6.78	7.66	7.61	7.62	7.57	-0.05	-0.70	-0.04	-0.58
Korea, South	0.74	0.73	0.73	0.73	7.04	6.87	6.49	6.49	3.87	3.74	3.51	3.51	0.00	0.00	-0.24	-6.33
Korea, North	0.50	0.50	0.50	0.50	4.18	4.18	4.18	4.18	1.36	1.36	1.36	1.36	0.00	0.00	0.00	0.00
South Asia																
India	44.16	43.66	44.00	44.00	3.96	4.08	4.13	4.13	116.48	118.87	121.00	121.00	0.00	0.00	2.13	1.79
Bangladesh	11.77	11.83	11.60	11.60	4.45	4.55	4.50	4.50	34.91	35.85	34.80	34.80	0.00	0.00	-1.05	-2.93
Pakistan	2.88	3.00	3.00	3.00	3.80	3.60	3.80	3.80	7.30	7.20	7.60	7.60	0.00	0.00	0.40	5.56
Nepal	1.49	1.46	1.47	1.47	3.76	3.80	3.78	3.78	3.74	3.70	3.70	3.70	0.00	0.00	0.00	0.00
Sri Lanka	0.97	0.97	1.09	1.09	4.73	4.85	4.59	4.66	3.13	3.21	3.45	3.45	0.00	0.00	0.24	7.58
Southeast Asia																
Indonesia	11.50	11.60	11.80	11.80	4.68	4.71	4.74	4.70	34.20	34.70	35.50	35.20	-0.30	-0.85	0.50	1.44
Vietnam	7.54	7.38	7.39	7.35	5.80	5.88	5.87	5.90	27.34	27.10	27.10	27.10	0.00	0.00	0.00	0.00
Thailand	10.83	9.89	10.30	10.40	2.85	2.70	2.74	2.74	20.34	17.66	18.60	18.83	0.23	1.24	1.18	6.66
Burma	7.08	6.90	7.05	6.90	2.91	2.88	2.88	2.85	13.20	12.70	13.00	12.60	-0.40	-3.08	-0.10	-0.79
Philippines	4.74	4.64	4.70	4.80	3.93	4.08	4.12	4.10	11.73	11.93	12.20	12.40	0.20	1.64	0.47	3.97
Cambodia	3.24	3.26	3.30	3.30	2.91	2.89	2.90	2.90	5.74	5.74	5.84	5.84	0.00	0.00	0.10	1.74
Laos	0.86	0.97	0.98	0.98	3.12	3.19	3.24	3.24	1.68	1.95	2.00	2.00	0.00	0.00	0.05	2.56
Malaysia	0.70	0.70	0.70	0.70	4.01	4.01	4.01	4.01	1.83	1.83	1.83	1.83	0.00	0.00	0.00	0.00
South America																
Brazil	1.70	1.67	1.72	1.72	6.18	6.71	6.40	6.40	7.14	7.60	7.48	7.48	0.00	0.00	-0.12	-1.60
Peru	0.44	0.42	0.41	0.42	8.12	7.68	7.74	7.76	2.46	2.20	2.20	2.25	0.05	2.27	0.05	2.27
Africa																
Egypt	0.46	0.76	0.70	0.70	8.78	8.20	8.28	8.28	2.80	4.30	4.00	4.00	0.00	0.00	-0.30	-6.98
Madagascar	1.50	1.50	1.50	1.50	2.69	2.80	2.67	2.67	2.58	2.69	2.56	2.56	0.00	0.00	-0.13	-4.76
Nigeria	3.35	3.50	3.25	3.25	2.15	2.29	2.31	2.31	4.54	5.04	4.73	4.73	0.00	0.00	-0.32	-6.25
European Union	0.41	0.42	0.42	0.42	6.85	6.88	6.76	6.73	1.97	1.99	1.98	1.96	-0.01	-0.66	-0.02	-1.16
Iran	0.58	0.58	0.58	0.58	5.25	5.25	5.27	5.27	1.99	1.99	2.00	2.00	0.00	0.00	0.01	0.35
Others	12.13	12.15	12.40	12.44	2.97	3.02	3.04	3.03	23.77	24.14	24.85	24.89	0.04	0.17	0.75	3.09

Yield is on a rough basis, before the milling process. Production is on a milled basis, after the milling process.

Table 10 Total Oilseed Area, Yield, and Production
World and Selected Countries and Regions

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World Total	--	--	--	--	--	--	--	--	599.96	578.68	595.84	598.03	2.20	0.37	19.35	3.34
Total Foreign	--	--	--	--	--	--	--	--	469.24	471.70	473.42	475.61	2.20	0.46	3.91	0.83
Oilseed, Copra	--	--	--	--	--	--	--	--	5.97	5.85	5.74	5.74	0.00	0.00	-0.11	-1.90
Oilseed, Palm Kernel	--	--	--	--	--	--	--	--	19.38	19.25	19.58	19.23	-0.35	-1.79	-0.02	-0.10
Major OilSeeds	247.77	245.15	249.18	250.17	2.32	2.26	2.29	2.29	574.61	553.58	570.52	573.06	2.55	0.45	19.48	3.52
United States	41.33	36.87	38.89	38.89	3.16	2.90	3.15	3.15	130.72	106.98	122.42	122.42	0.00	0.00	15.44	14.43
Foreign Oilseeds	206.44	208.28	210.29	211.28	2.15	2.14	2.13	2.13	443.89	446.60	448.10	450.64	2.55	0.57	4.04	0.90
South America	63.21	64.06	65.61	65.54	3.17	3.16	3.15	3.17	200.37	202.74	206.49	207.90	1.42	0.69	5.16	2.55
Brazil	37.75	38.77	40.26	40.26	3.30	3.45	3.44	3.49	124.49	133.70	138.43	140.43	2.00	1.44	6.73	5.04
Argentina	19.16	19.03	18.89	18.87	3.18	2.82	2.76	2.76	60.83	53.64	52.08	52.08	-0.01	-0.01	-1.56	-2.91
Paraguay	3.64	3.62	3.74	3.59	2.37	2.76	2.76	2.74	8.61	10.01	10.32	9.82	-0.50	-4.85	-0.19	-1.88
Bolivia	1.50	1.51	1.52	1.52	2.09	1.93	1.96	1.96	3.13	2.92	2.98	2.98	0.00	0.00	0.06	2.02
Uruguay	1.02	0.98	1.07	1.17	2.86	2.14	2.17	1.92	2.92	2.09	2.31	2.24	-0.08	-3.25	0.15	6.94
China	24.01	25.22	25.62	25.62	2.50	2.50	2.54	2.54	59.95	63.03	64.97	64.97	0.00	0.00	1.93	3.06
South Asia	39.09	41.60	42.56	43.56	1.00	0.95	0.94	0.95	39.00	39.70	40.21	41.51	1.30	3.23	1.81	4.55
India	35.93	38.15	39.30	40.30	0.97	0.94	0.94	0.95	34.74	35.92	37.10	38.40	1.30	3.50	2.48	6.90
Pakistan	2.80	3.09	2.90	2.90	1.36	1.08	0.92	0.92	3.81	3.33	2.66	2.66	0.00	0.00	-0.67	-20.19
European Union	12.24	11.15	11.06	11.16	2.68	2.66	2.67	2.61	32.78	29.69	29.54	29.16	-0.38	-1.27	-0.53	-1.77
Former Soviet Union - 12	25.66	26.10	25.57	25.51	1.80	1.96	1.74	1.75	46.18	51.05	44.59	44.56	-0.03	-0.07	-6.49	-12.72
Russia	12.18	12.56	12.50	12.50	1.54	1.73	1.61	1.61	18.73	21.70	20.14	20.14	0.00	0.00	-1.56	-7.19
Ukraine	9.38	9.70	9.47	9.47	2.42	2.52	2.09	2.09	22.68	24.46	19.75	19.75	0.00	0.00	-4.71	-19.27
Uzbekistan	1.10	1.01	0.98	0.98	1.17	1.36	1.41	1.41	1.28	1.37	1.37	1.37	0.00	0.00	0.00	-0.22
Canada	11.69	10.76	10.41	10.41	2.41	2.40	2.45	2.45	28.20	25.82	25.45	25.45	0.00	0.00	-0.36	-1.41
Africa	21.63	21.31	20.76	20.77	1.04	0.98	1.02	1.03	22.55	20.79	21.11	21.38	0.28	1.32	0.59	2.84
Nigeria	3.77	3.66	3.79	3.79	1.38	1.17	1.25	1.25	5.19	4.29	4.75	4.75	0.00	0.00	0.46	10.83
South Africa	1.31	1.27	1.37	1.37	1.50	1.70	1.80	1.86	1.96	2.16	2.46	2.54	0.08	3.13	0.39	17.86
Tanzania	1.42	1.60	1.45	1.45	0.89	0.85	0.87	0.87	1.26	1.36	1.26	1.26	0.00	0.00	-0.10	-7.06
Southeast Asia	3.32	3.13	3.21	3.21	1.39	1.38	1.39	1.39	4.60	4.31	4.47	4.47	0.00	0.00	0.16	3.71
Indonesia	0.99	0.95	0.94	0.94	1.56	1.55	1.54	1.54	1.55	1.47	1.45	1.45	0.00	0.00	-0.03	-1.70
Burma	2.01	1.87	1.97	1.97	1.20	1.18	1.21	1.21	2.41	2.21	2.38	2.38	0.00	0.00	0.17	7.79
Australia	2.54	1.90	2.73	2.73	1.21	1.35	1.78	1.77	3.07	2.57	4.86	4.83	-0.03	-0.62	2.26	87.90
Turkey	1.34	1.42	1.17	1.18	2.54	2.33	2.45	2.46	3.40	3.31	2.87	2.89	0.03	0.94	-0.42	-12.59
Others	1.72	1.65	1.61	1.60	2.22	2.18	2.21	2.20	3.80	3.58	3.55	3.51	-0.04	-1.18	-0.07	-1.98

World Total and Total Foreign: (Major Oilseeds plus copra and palm kernel) Major Oilseeds: (soybeans, sunflowerseeds, peanuts(inshell), cottonseed and rapeseed)

Table 11 Soybean Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	124.97	122.63	127.98	127.93	2.89	2.76	2.83	2.84	361.04	339.00	361.82	363.19	1.36	0.38	24.19	7.14
United States	35.45	30.33	33.31	33.31	3.40	3.19	3.38	3.38	120.52	96.67	112.55	112.55	0.00	0.00	15.88	16.43
Total Foreign	89.52	92.31	94.67	94.62	2.69	2.63	2.63	2.65	240.53	242.33	249.28	250.64	1.36	0.55	8.31	3.43
South America																
Brazil	35.90	36.90	38.60	38.60	3.33	3.48	3.47	3.52	119.70	128.50	134.00	136.00	2.00	1.49	7.50	5.84
Argentina	16.60	16.70	16.70	16.70	3.33	2.92	2.84	2.84	55.30	48.80	47.50	47.50	0.00	0.00	-1.30	-2.66
Paraguay	3.57	3.54	3.65	3.50	2.39	2.80	2.79	2.77	8.52	9.90	10.20	9.70	-0.50	-4.90	-0.20	-2.02
Bolivia	1.39	1.40	1.41	1.41	2.15	2.00	2.02	2.02	2.99	2.80	2.85	2.85	0.00	0.00	0.05	1.79
Uruguay	0.97	0.92	1.00	1.10	2.93	2.17	2.20	1.93	2.83	1.99	2.20	2.13	-0.08	-3.41	0.14	6.78
East Asia																
China	8.41	9.30	9.87	9.87	1.90	1.95	1.99	1.99	15.97	18.10	19.60	19.60	0.00	0.00	1.50	8.29
Korea, South	0.05	0.06	0.06	0.06	1.75	1.81	1.80	1.47	0.09	0.11	0.11	0.08	-0.03	-25.00	-0.02	-22.86
Korea, North	0.15	0.15	0.15	0.15	1.50	1.50	1.50	1.50	0.23	0.23	0.23	0.23	0.00	0.00	0.00	0.00
Japan	0.15	0.14	0.14	0.14	1.45	1.47	1.65	1.65	0.21	0.21	0.24	0.24	0.00	0.00	0.02	10.85
India	11.13	12.19	12.70	12.70	0.98	0.76	0.84	0.84	10.93	9.30	10.70	10.70	0.00	0.00	1.40	15.05
Canada	2.54	2.27	2.04	2.04	2.92	2.71	3.11	3.11	7.42	6.15	6.35	6.35	0.00	0.00	0.21	3.34
Former Soviet Union - 12																
Russia	2.74	2.78	2.71	2.71	1.47	1.57	1.59	1.59	4.03	4.36	4.31	4.31	0.00	0.00	-0.05	-1.19
Ukraine	1.88	1.96	1.50	1.50	2.58	2.29	2.07	2.07	4.83	4.50	3.10	3.10	0.00	0.00	-1.40	-31.10
European Union	0.92	0.90	0.93	0.94	2.91	2.90	2.92	2.74	2.67	2.62	2.70	2.58	-0.13	-4.63	-0.04	-1.57
Southeast Asia																
Indonesia	0.42	0.40	0.39	0.39	1.24	1.20	1.22	1.22	0.52	0.48	0.48	0.48	0.00	0.00	-0.01	-1.04
Vietnam	0.05	0.05	0.05	0.05	1.62	1.53	1.53	1.53	0.08	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Thailand	0.04	0.03	0.03	0.03	1.57	1.53	1.63	1.63	0.06	0.05	0.05	0.05	0.00	0.00	0.00	0.00
Burma	0.14	0.14	0.14	0.14	1.04	1.04	1.04	1.04	0.15	0.15	0.14	0.14	0.00	0.00	-0.01	-3.45
Serbia	0.22	0.22	0.22	0.22	2.84	2.73	2.89	2.89	0.63	0.60	0.64	0.64	0.00	0.00	0.04	5.83
Mexico	0.19	0.15	0.16	0.16	1.75	1.57	1.59	1.55	0.34	0.24	0.26	0.24	-0.02	-5.88	0.01	2.13
Africa																
South Africa	0.73	0.71	0.83	0.83	1.60	1.77	1.96	2.08	1.17	1.25	1.63	1.73	0.11	6.46	0.48	38.84
Nigeria	0.70	0.71	0.72	0.72	0.96	0.99	0.97	0.97	0.67	0.70	0.70	0.70	0.00	0.00	0.00	0.00
Zambia	0.19	0.20	0.19	0.19	1.58	1.43	1.50	1.50	0.30	0.28	0.29	0.29	0.00	0.00	0.00	1.42
Uganda	0.05	0.05	0.05	0.05	0.60	0.60	0.60	0.60	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Middle East																
Iran	0.07	0.07	0.07	0.07	2.29	2.43	2.41	2.41	0.16	0.17	0.17	0.17	0.00	0.00	0.00	-0.59
Turkey	0.03	0.03	0.03	0.03	3.80	3.89	3.79	3.79	0.10	0.11	0.11	0.11	0.00	0.00	0.01	4.76
Others	0.32	0.34	0.34	0.34	2.01	1.93	1.91	1.91	0.64	0.66	0.65	0.65	0.00	0.00	-0.01	-1.51

World and Selected Countries and Regions

Table 12 Cottonseed Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	32.67	34.35	31.53	31.45	1.32	1.29	1.33	1.33	43.10	44.42	41.81	41.73	-0.08	-0.19	-2.69	-6.06
United States	4.04	4.70	3.52	3.52	1.26	1.15	1.18	1.18	5.11	5.39	4.16	4.16	0.00	0.00	-1.23	-22.84
Total Foreign	28.63	29.66	28.01	27.93	1.33	1.32	1.34	1.35	38.00	39.03	37.65	37.57	-0.08	-0.21	-1.46	-3.74
South Asia																
India	12.60	13.50	13.35	13.35	0.87	0.93	0.92	0.92	10.95	12.52	12.31	12.31	0.00	0.00	-0.21	-1.69
Pakistan	2.30	2.45	2.20	2.20	1.43	1.10	0.89	0.89	3.29	2.69	1.95	1.95	0.00	0.00	-0.74	-27.44
China	3.50	3.45	3.25	3.25	3.11	3.10	3.50	3.50	10.88	10.68	11.37	11.37	0.00	0.00	0.69	6.42
Former Soviet Union - 12																
Uzbekistan	1.10	1.01	0.98	0.98	1.17	1.36	1.41	1.41	1.28	1.37	1.37	1.37	0.00	0.00	0.00	-0.22
Turkmenistan	0.55	0.55	0.60	0.55	0.65	0.66	0.65	0.66	0.36	0.36	0.39	0.36	-0.03	-7.93	0.00	0.00
Tajikistan	0.18	0.18	0.16	0.16	0.90	1.27	1.22	1.22	0.16	0.23	0.20	0.20	0.00	0.00	-0.03	-14.85
Kazakhstan	0.13	0.13	0.11	0.11	1.05	1.13	0.95	0.95	0.14	0.14	0.11	0.11	0.00	0.00	-0.04	-25.53
South America																
Brazil	1.64	1.67	1.45	1.45	2.59	2.75	2.63	2.63	4.25	4.58	3.82	3.82	0.00	0.00	-0.76	-16.55
Argentina	0.34	0.42	0.44	0.42	0.73	0.68	0.66	0.67	0.25	0.28	0.29	0.28	-0.01	-2.41	0.00	0.35
Middle East																
Turkey	0.52	0.57	0.35	0.35	2.35	1.98	2.71	2.71	1.22	1.13	0.95	0.95	0.00	0.00	-0.18	-15.90
Syria	0.03	0.03	0.03	0.03	2.36	2.36	2.36	2.36	0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.00
Iran	0.08	0.08	0.08	0.08	1.16	1.16	1.16	1.16	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00
Australia	0.38	0.06	0.28	0.28	1.74	3.12	2.84	2.73	0.66	0.19	0.78	0.75	-0.03	-3.84	0.56	301.60
European Union	0.31	0.35	0.33	0.34	1.75	1.81	1.61	1.58	0.55	0.64	0.54	0.54	0.00	0.00	-0.10	-15.96
Africa																
Burkina	0.63	0.58	0.55	0.54	0.37	0.42	0.45	0.47	0.24	0.24	0.25	0.25	0.01	2.02	0.01	4.12
Mali	0.73	0.74	0.17	0.17	0.50	0.52	0.49	0.49	0.36	0.38	0.08	0.08	0.00	0.00	-0.30	-78.80
Cameroon	0.25	0.25	0.25	0.25	1.20	1.29	1.28	1.28	0.30	0.32	0.32	0.32	0.00	0.00	0.00	-0.62
Cote d'Ivoire	0.39	0.41	0.44	0.45	0.64	0.66	0.63	0.61	0.25	0.27	0.27	0.27	0.00	-1.46	0.00	0.75
Benin	0.65	0.67	0.62	0.62	0.71	0.71	0.73	0.73	0.46	0.47	0.45	0.45	0.00	0.00	-0.02	-5.11
Tanzania	0.42	0.60	0.45	0.45	0.39	0.43	0.36	0.36	0.16	0.26	0.16	0.16	0.00	0.00	-0.10	-37.07
Egypt	0.14	0.10	0.07	0.07	1.06	0.92	1.00	1.00	0.15	0.09	0.07	0.07	0.00	0.00	-0.03	-29.35
Nigeria	0.25	0.15	0.27	0.27	0.40	0.57	0.56	0.56	0.10	0.09	0.15	0.15	0.00	0.00	0.06	74.42
Uganda	0.08	0.09	0.10	0.10	1.74	1.67	1.40	1.40	0.14	0.15	0.14	0.14	0.00	0.00	-0.01	-6.04
Zimbabwe	0.20	0.20	0.21	0.21	0.38	0.36	0.36	0.36	0.08	0.07	0.08	0.08	0.00	0.00	0.00	5.56
Sudan	0.18	0.20	0.20	0.20	1.42	1.53	1.41	1.41	0.26	0.31	0.28	0.28	0.00	0.00	-0.02	-7.84
Mexico	0.24	0.23	0.15	0.15	2.44	2.37	2.33	2.33	0.59	0.53	0.35	0.35	0.00	0.00	-0.18	-34.33
Burma	0.24	0.25	0.24	0.24	1.21	1.22	1.25	1.25	0.29	0.30	0.30	0.30	0.00	0.00	0.00	0.67
Others	0.59	0.78	0.71	0.70	0.83	0.76	0.76	0.75	0.48	0.59	0.54	0.52	-0.01	-2.43	-0.07	-11.51

World and Selected Countries and Regions

Table 13 Peanut Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	27.49	26.89	27.93	28.15	1.70	1.71	1.69	1.70	46.81	46.06	47.33	47.73	0.40	0.85	1.67	3.62
United States	0.56	0.56	0.65	0.65	4.48	4.41	4.25	4.25	2.49	2.48	2.78	2.78	0.00	0.00	0.30	12.18
Total Foreign	26.93	26.33	27.28	27.50	1.65	1.66	1.63	1.63	44.31	43.58	44.55	44.95	0.40	0.90	1.37	3.13
China	4.62	4.63	4.60	4.60	3.75	3.78	3.80	3.80	17.33	17.52	17.50	17.50	0.00	0.00	-0.02	-0.11
Africa																
Nigeria	2.82	2.80	2.80	2.80	1.57	1.25	1.39	1.39	4.42	3.50	3.90	3.90	0.00	0.00	0.40	11.43
Sudan	3.07	2.30	2.30	2.30	0.94	0.78	0.78	0.78	2.88	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Senegal	1.13	1.11	1.20	1.22	1.32	1.28	1.17	1.31	1.50	1.42	1.40	1.60	0.20	14.29	0.18	12.60
Cameroon	0.43	0.43	0.43	0.43	1.40	1.40	1.40	1.40	0.60	0.60	0.60	0.60	0.00	0.00	0.00	0.00
Ghana	0.32	0.33	0.33	0.33	1.63	1.36	1.36	1.36	0.52	0.45	0.45	0.45	0.00	0.00	0.00	0.00
Chad	0.79	0.77	0.77	0.77	1.14	1.10	1.10	1.10	0.89	0.85	0.85	0.85	0.00	0.00	0.00	0.00
Malawi	0.41	0.40	0.40	0.40	0.85	0.88	0.88	0.88	0.35	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Congo (Kinshasa)	0.50	0.50	0.50	0.50	0.85	0.85	0.85	0.85	0.42	0.42	0.42	0.42	0.00	0.00	0.00	0.00
Niger	0.93	0.90	0.92	0.92	0.64	0.56	0.65	0.65	0.59	0.50	0.59	0.59	0.00	0.00	0.09	18.80
Mali	0.38	0.43	0.43	0.43	1.31	1.00	1.00	1.00	0.49	0.43	0.43	0.43	0.00	0.00	0.00	0.00
Uganda	0.43	0.43	0.43	0.43	0.71	0.71	0.71	0.71	0.30	0.30	0.30	0.30	0.00	0.00	0.00	0.00
Burkina	0.39	0.56	0.56	0.56	0.84	0.80	0.80	0.80	0.33	0.45	0.45	0.45	0.00	0.00	0.00	0.00
Guinea	0.79	0.91	0.90	0.90	0.98	1.05	1.00	1.00	0.77	0.96	0.90	0.90	0.00	0.00	-0.06	-6.05
Egypt	0.06	0.06	0.06	0.06	3.20	3.20	3.20	3.20	0.21	0.21	0.21	0.21	0.00	0.00	0.00	0.00
Central African Republic	0.10	0.10	0.10	0.10	1.50	1.50	1.50	1.50	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
South Africa	0.02	0.04	0.04	0.04	1.30	1.76	2.00	2.00	0.03	0.07	0.08	0.08	0.00	0.00	0.01	19.40
Mozambique	0.38	0.38	0.38	0.38	0.34	0.34	0.34	0.34	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.15	0.15	0.15	0.15	1.45	1.45	1.45	1.45	0.21	0.21	0.21	0.21	0.00	0.00	0.00	0.00
Benin	0.23	0.19	0.19	0.19	1.00	0.92	0.92	0.92	0.23	0.18	0.18	0.18	0.00	0.00	0.00	0.00
South Asia																
India	4.73	4.83	5.60	5.80	0.99	1.30	1.16	1.16	4.69	6.26	6.50	6.70	0.20	3.08	0.45	7.11
Pakistan	0.12	0.09	0.10	0.10	0.89	0.98	0.92	0.92	0.10	0.09	0.09	0.09	0.00	0.00	0.00	-1.10
Southeast Asia																
Indonesia	0.57	0.55	0.55	0.55	1.80	1.80	1.78	1.78	1.03	0.99	0.97	0.97	0.00	0.00	-0.02	-2.02
Burma	1.03	0.89	0.99	0.99	1.53	1.55	1.57	1.57	1.58	1.38	1.55	1.55	0.00	0.00	0.18	12.73
Vietnam	0.18	0.18	0.18	0.18	2.48	2.48	2.48	2.48	0.44	0.43	0.45	0.45	0.00	0.00	0.01	3.00
Thailand	0.02	0.02	0.02	0.02	1.67	1.67	1.67	1.67	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
South America																
Argentina	0.33	0.37	0.35	0.35	4.35	3.50	3.86	3.86	1.42	1.29	1.35	1.35	0.00	0.00	0.07	5.06
Brazil	0.15	0.16	0.16	0.16	2.96	3.47	3.38	3.38	0.44	0.55	0.54	0.54	0.00	0.00	-0.01	-0.92
Mexico	0.05	0.05	0.06	0.06	1.75	1.74	1.73	1.73	0.09	0.08	0.10	0.10	0.00	0.00	0.02	24.39
Others	1.84	1.80	1.80	1.80	1.16	1.11	1.15	1.15	2.14	2.00	2.07	2.07	0.00	0.00	0.07	3.30

Table 14 Sunflowerseed Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MMT	Percent	From last year MMT	Percent
World	25.82	26.33	26.69	26.70	1.96	2.08	1.87	1.86	50.63	54.68	49.97	49.60	-0.37	-0.73	-5.08	-9.28
United States	0.49	0.51	0.67	0.67	1.94	1.75	2.01	2.01	0.96	0.89	1.35	1.35	0.00	0.00	0.47	52.54
Total Foreign	25.32	25.82	26.01	26.03	1.96	2.08	1.87	1.85	49.68	53.79	48.62	48.25	-0.37	-0.75	-5.54	-10.30
Former Soviet Union - 12																
Russia	7.94	8.36	8.35	8.35	1.60	1.83	1.59	1.59	12.71	15.31	13.27	13.27	0.00	0.00	-2.04	-13.30
Ukraine	6.50	6.40	6.80	6.80	2.31	2.58	2.06	2.06	15.00	16.50	14.00	14.00	0.00	0.00	-2.50	-15.15
Kazakhstan	0.85	0.82	0.69	0.69	1.00	1.03	1.23	1.23	0.85	0.84	0.84	0.84	0.00	0.00	0.01	0.60
European Union	4.02	4.32	4.34	4.35	2.37	2.19	2.12	2.03	9.51	9.44	9.20	8.85	-0.35	-3.80	-0.59	-6.27
South America																
Argentina	1.88	1.53	1.38	1.38	2.04	2.11	2.11	2.11	3.83	3.24	2.90	2.90	0.00	0.00	-0.34	-10.36
Uruguay	0.06	0.06	0.07	0.07	1.61	1.67	1.69	1.69	0.09	0.10	0.11	0.11	0.00	0.00	0.01	10.00
Bolivia	0.11	0.11	0.11	0.11	1.25	1.10	1.20	1.20	0.14	0.12	0.13	0.13	0.00	0.00	0.01	7.38
Brazil	0.06	0.05	0.05	0.05	1.67	1.60	1.50	1.50	0.11	0.08	0.08	0.08	0.00	0.00	-0.01	-6.25
Paraguay	0.03	0.03	0.03	0.03	1.58	1.39	1.53	1.53	0.05	0.04	0.05	0.05	0.00	0.00	0.01	17.95
China	0.92	1.25	1.25	1.25	2.71	2.60	2.64	2.64	2.49	3.25	3.30	3.30	0.00	0.00	0.05	1.54
South Asia																
India	0.26	0.23	0.25	0.25	0.65	0.61	0.76	0.76	0.17	0.14	0.19	0.19	0.00	0.00	0.05	32.14
Pakistan	0.12	0.14	0.15	0.15	1.20	1.04	1.07	1.07	0.14	0.15	0.16	0.16	0.00	0.00	0.02	10.34
Middle East																
Turkey	0.72	0.73	0.72	0.72	2.52	2.40	2.17	2.17	1.80	1.75	1.56	1.56	0.00	0.00	-0.19	-10.86
Iran	0.04	0.04	0.04	0.04	1.08	1.08	1.08	1.08	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
Israel	0.00	0.00	0.00	0.00	4.00	5.00	9.00	9.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	80.00
Africa																
Egypt	0.01	0.01	0.01	0.01	2.38	2.38	2.38	2.38	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Morocco	0.02	0.02	0.02	0.02	1.29	1.25	1.25	1.25	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
South Africa	0.52	0.50	0.48	0.48	1.32	1.58	1.51	1.46	0.68	0.79	0.72	0.70	-0.02	-2.10	-0.09	-11.28
Burma	0.60	0.60	0.60	0.60	0.65	0.65	0.65	0.65	0.39	0.39	0.39	0.39	0.00	0.00	0.00	0.00
Canada	0.03	0.03	0.05	0.05	2.11	2.17	2.24	2.24	0.06	0.06	0.10	0.10	0.00	0.00	0.04	60.32
Australia	0.01	0.01	0.02	0.02	0.82	1.25	1.31	1.31	0.01	0.02	0.02	0.02	0.00	0.00	0.01	40.00
Others	0.63	0.59	0.64	0.64	2.48	2.52	2.36	2.36	1.57	1.50	1.51	1.51	0.00	0.00	0.02	1.00

World and Selected Countries and Regions

Table 15 Rapeseed Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2020/21 Proj.		Prel.		2020/21 Proj.		Prel.		2020/21 Proj.		From last month		From last year	
	2018/19	2019/20	Mar	Apr	2018/19	2019/20	Mar	Apr	2018/19	2019/20	Mar	Apr	MMT	Percent	MMT	Percent
World	36.82	34.94	35.06	35.94	1.98	1.99	1.99	1.97	73.02	69.43	69.59	70.82	1.23	1.76	1.39	2.00
United States	0.79	0.78	0.73	0.73	2.09	2.00	2.16	2.16	1.64	1.55	1.58	1.58	0.00	0.00	0.02	1.48
Total Foreign	36.03	34.16	34.33	35.21	1.98	1.99	1.98	1.97	71.38	67.88	68.02	69.24	1.23	1.80	1.37	2.01
European Union	7.00	5.58	5.46	5.54	2.87	3.05	3.13	3.11	20.06	16.99	17.10	17.20	0.10	0.58	0.21	1.23
Canada	9.12	8.46	8.32	8.32	2.27	2.32	2.28	2.28	20.72	19.61	19.00	19.00	0.00	0.00	-0.61	-3.10
China	6.55	6.58	6.65	6.65	2.03	2.05	1.98	1.98	13.28	13.49	13.20	13.20	0.00	0.00	-0.29	-2.11
South Asia																
India	7.20	7.40	7.40	8.20	1.11	1.04	1.00	1.04	8.00	7.70	7.40	8.50	1.10	14.86	0.80	10.39
Pakistan	0.26	0.40	0.45	0.45	1.04	1.03	1.02	1.02	0.27	0.41	0.46	0.46	0.00	0.00	0.05	12.20
Bangladesh	0.25	0.25	0.25	0.25	0.92	0.92	0.92	0.92	0.23	0.23	0.23	0.23	0.00	0.00	0.00	0.00
Former Soviet Union - 12																
Russia	1.50	1.42	1.45	1.45	1.33	1.44	1.77	1.77	1.99	2.04	2.57	2.57	0.00	0.00	0.53	25.83
Ukraine	1.00	1.34	1.17	1.17	2.85	2.59	2.26	2.26	2.85	3.47	2.65	2.65	0.00	0.00	-0.82	-23.52
Belarus	0.35	0.34	0.35	0.35	1.31	1.68	1.57	1.57	0.46	0.58	0.55	0.55	0.00	0.00	-0.03	-4.84
Kazakhstan	0.37	0.27	0.12	0.12	1.08	0.90	1.23	1.23	0.39	0.24	0.15	0.15	0.00	0.00	-0.09	-36.51
Australia	2.12	1.80	2.40	2.40	1.12	1.29	1.67	1.67	2.37	2.33	4.00	4.00	0.00	0.00	1.67	71.67
South America																
Chile	0.05	0.04	0.03	0.03	3.85	4.05	4.00	4.00	0.19	0.15	0.14	0.14	0.00	0.00	-0.02	-11.69
Paraguay	0.03	0.04	0.05	0.05	1.20	1.50	1.41	1.41	0.04	0.06	0.07	0.07	0.00	0.00	0.01	8.33
Switzerland	0.02	0.02	0.02	0.02	3.14	3.14	3.14	3.14	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Ethiopia	0.04	0.04	0.04	0.04	1.57	1.86	1.86	1.86	0.06	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Others	0.19	0.20	0.17	0.17	2.19	2.30	2.23	2.28	0.41	0.45	0.37	0.40	0.03	7.30	-0.05	-11.97

World and Selected Countries and Regions

Table 16 Copra, Palm Kernel, and Palm Oil Production

Country / Region	Production (Million metric tons)				Change in Production			
	2018/19	Prel.	2020/21 Proj.		From last month		From last year	
		2019/20	Mar	Apr	MMT	Percent	MMT	Percent
Oilseed, Copra								
Philippines	2.63	2.50	2.40	2.40	0.00	0.00	-0.10	-4.00
Indonesia	1.64	1.66	1.66	1.66	0.00	0.00	0.00	0.00
India	0.75	0.75	0.75	0.75	0.00	0.00	0.00	0.00
Vietnam	0.29	0.29	0.30	0.30	0.00	0.00	0.01	3.45
Mexico	0.22	0.22	0.20	0.20	0.00	0.00	-0.02	-9.09
Papua New Guinea	0.10	0.08	0.08	0.08	0.00	0.00	0.00	0.00
Thailand	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Sri Lanka	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Solomon Islands	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
World	5.97	5.85	5.74	5.74	0.00	0.00	-0.11	-1.88
Oilseed, Palm Kernel								
Indonesia	10.90	11.25	11.46	11.46	0.00	0.00	0.21	1.87
Malaysia	5.15	4.75	4.85	4.50	-0.35	-7.22	-0.25	-5.26
Thailand	0.87	0.89	0.90	0.90	0.00	0.00	0.01	1.12
Nigeria	0.73	0.73	0.73	0.73	0.00	0.00	0.00	0.00
Colombia	0.33	0.31	0.29	0.29	0.00	0.00	-0.02	-6.45
Guatemala	0.20	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Papua New Guinea	0.18	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Cameroon	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Brazil	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Honduras	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
World	19.38	19.25	19.58	19.23	-0.35	-1.79	-0.02	-0.10
Oil, Palm								
Indonesia	41.50	42.50	43.50	43.50	0.00	0.00	1.00	2.35
Malaysia	20.80	19.26	19.60	19.00	-0.60	-3.06	-0.26	-1.35
Thailand	3.00	2.80	3.10	3.10	0.00	0.00	0.30	10.71
Colombia	1.63	1.53	1.56	1.56	0.00	0.00	0.03	1.96
Nigeria	1.13	1.22	1.28	1.28	0.00	0.00	0.06	4.92
Guatemala	0.86	0.86	0.87	0.87	0.00	0.00	0.00	0.00
Honduras	0.58	0.58	0.58	0.58	0.00	0.00	0.00	0.00
Papua New Guinea	0.71	0.56	0.56	0.56	0.00	0.00	0.00	0.00
Brazil	0.53	0.54	0.54	0.54	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.51	0.52	0.52	0.52	0.00	0.00	0.00	0.00
World	74.14	73.20	75.09	74.49	-0.60	-0.80	1.29	1.76

World and Selected Countries and Regions

Table 17 Cotton Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Kilograms per hectare)				Production (Million 480 lb. bales)				Change in Production			
	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	2018/19	Prel. 2019/20	2020/21 Proj. Mar	2020/21 Proj. Apr	From last month MBales	Percent	From last year MBales	Percent
World	33.35	35.03	32.20	32.11	774	759	766	766	118.56	122.12	113.32	113.04	-0.28	-0.24	-9.08	-7.43
United States	4.04	4.70	3.52	3.52	989	922	909	909	18.37	19.91	14.70	14.70	0.00	0.00	-5.21	-26.18
Total Foreign	29.30	30.33	28.68	28.59	744	734	749	749	100.20	102.20	98.62	98.34	-0.28	-0.28	-3.86	-3.78
South Asia																
India	12.60	13.50	13.35	13.35	446	476	473	473	25.80	29.50	29.00	29.00	0.00	0.00	-0.50	-1.69
Pakistan	2.30	2.45	2.20	2.20	719	551	445	445	7.60	6.20	4.50	4.50	0.00	0.00	-1.70	-27.42
China	3.50	3.45	3.25	3.25	1,726	1,720	1,943	1,943	27.75	27.25	29.00	29.00	0.00	0.00	1.75	6.42
South America																
Brazil	1.64	1.67	1.45	1.45	1,726	1,802	1,727	1,727	13.00	13.78	11.50	11.50	0.00	0.00	-2.28	-16.55
Argentina	0.34	0.42	0.44	0.42	728	682	668	674	1.12	1.30	1.35	1.30	-0.05	-3.70	0.00	0.00
Paraguay	0.01	0.01	0.01	0.01	416	416	416	416	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Africa																
Burkina	0.63	0.58	0.55	0.54	294	330	356	372	0.85	0.88	0.90	0.92	0.02	1.67	0.04	3.98
Mali	0.73	0.74	0.17	0.17	381	400	376	376	1.27	1.35	0.29	0.29	0.00	0.00	-1.07	-78.89
Cote d'Ivoire	0.39	0.41	0.44	0.45	520	528	513	494	0.94	0.99	1.03	1.01	-0.02	-1.46	0.02	2.02
Benin	0.65	0.67	0.62	0.62	469	467	478	478	1.40	1.43	1.35	1.35	0.00	0.00	-0.08	-5.26
Egypt	0.14	0.10	0.07	0.07	757	664	720	720	0.49	0.31	0.22	0.22	0.00	0.00	-0.09	-29.51
Cameroon	0.25	0.25	0.25	0.25	523	562	557	557	0.60	0.65	0.64	0.64	0.00	0.00	-0.01	-0.78
Tanzania	0.42	0.60	0.45	0.45	194	216	181	181	0.38	0.60	0.38	0.38	0.00	0.00	-0.22	-36.97
Nigeria	0.25	0.15	0.27	0.27	205	290	282	282	0.24	0.20	0.35	0.35	0.00	0.00	0.15	75.00
Zimbabwe	0.20	0.20	0.21	0.21	218	207	207	207	0.20	0.19	0.20	0.20	0.00	0.00	0.01	5.26
Ethiopia	0.08	0.08	0.08	0.08	687	680	637	637	0.24	0.25	0.24	0.24	0.00	0.00	-0.01	-4.00
Former Soviet Union - 12																
Uzbekistan	1.10	1.01	0.98	0.98	648	754	782	782	3.28	3.50	3.50	3.50	0.00	0.00	0.00	0.00
Turkmenistan	0.55	0.55	0.60	0.55	364	368	363	368	0.91	0.92	1.00	0.92	-0.08	-8.00	0.00	0.00
Tajikistan	0.18	0.18	0.16	0.16	502	708	680	680	0.42	0.59	0.50	0.50	0.00	0.00	-0.09	-14.53
Kazakhstan	0.13	0.13	0.11	0.11	587	627	534	534	0.35	0.36	0.27	0.27	0.00	0.00	-0.09	-25.00
Middle East																
Turkey	0.52	0.57	0.35	0.35	1,570	1,318	1,804	1,804	3.75	3.45	2.90	2.90	0.00	0.00	-0.55	-15.94
Syria	0.03	0.03	0.03	0.03	1,219	1,219	1,219	1,219	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Iran	0.08	0.08	0.08	0.08	748	748	748	748	0.28	0.28	0.28	0.28	0.00	0.00	0.00	0.00
Australia	0.38	0.06	0.28	0.28	1,261	2,268	2,059	1,979	2.20	0.63	2.60	2.50	-0.10	-3.85	1.88	300.00
Mexico	0.24	0.23	0.15	0.15	1,555	1,519	1,488	1,488	1.74	1.57	1.03	1.03	0.00	0.00	-0.55	-34.71
Burma	0.24	0.25	0.24	0.24	637	641	662	662	0.70	0.72	0.73	0.73	0.00	0.00	0.01	0.83
Others	1.74	2.00	1.92	1.92	570	562	537	532	4.56	5.17	4.72	4.68	-0.05	-0.97	-0.50	-9.57

World and Selected Countries and Regions

TABLE 18

The table below presents a record of the April projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 0.5 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 0.8 percent. The average difference between the April projection and the final estimate is 2.0 million tons, ranging from 0.1 million to 6.8 million tons. The April projection has been below the estimate 26 times and above 13 times.

RELIABILITY OF PRODUCTION PROJECTIONS 1/

COMMODITY AND REGION	Root mean square error	90 percent confidence interval	Difference between forecast and final estimate					
			Average	Smallest	Largest	Years		
						Below final	Above final	
<i>WHEAT</i> World U.S. Foreign <i>COARSE GRAINS 2/</i> World U.S. Foreign <i>RICE (Milled)</i> World U.S. Foreign <i>SOYBEANS</i> World U.S. Foreign <i>COTTON</i> World U.S. Foreign UNITED STATES <i>CORN</i> <i>SORGHUM</i> <i>BARLEY</i> <i>OATS</i>	Percent		---Million metric tons---					
		0.5	0.8	2.0	0.1	6.8	26	13
		0.2	0.3	0.1	0.0	0.3	17	11
		0.6	0.9	2.0	0.2	6.8	26	13
		1.1	1.8	9.1	0.3	42.1	32	7
		0.2	0.3	0.1	0.0	1.8	17	8
		1.5	2.6	9.2	0.3	42.1	32	7
		1.3	2.2	3.3	0.0	13.3	31	8
		1.3	2.3	0.0	0.0	0.2	11	5
		1.3	2.2	3.3	0.0	13.3	31	8
		1.6	2.8	2.5	0.2	7.9	22	17
		1.4	2.3	0.6	0.0	3.2	16	16
		2.7	4.6	2.3	0.0	8.1	24	15
		---Million 480-lb. bales---						
		1.6	2.7	1.1	0.0	5.2	29	9
		0.3	0.5	0.0	0.0	0.2	17	14
		1.9	3.2	1.1	0.0	5.1	28	10
		-----Million bushels-----						
		0.2	0.3	4	0	72	1	3
		0.1	0.2	0	0	4	0	2
		0.8	1.3	1	0	11	18	4
		0.3	0.6	0	0	2	4	4

1/ Marketing years 1981/82 through 2019/20 for grains, soybeans (U.S. only), and cotton. Final for grains, soybeans, and cotton is defined as the first *November* estimate following the marketing year for 1981/82 through 2018/19, and for 2019/20 the last month's estimate.

2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain

April 2021

Global Market Analysis, FAS, USDA