



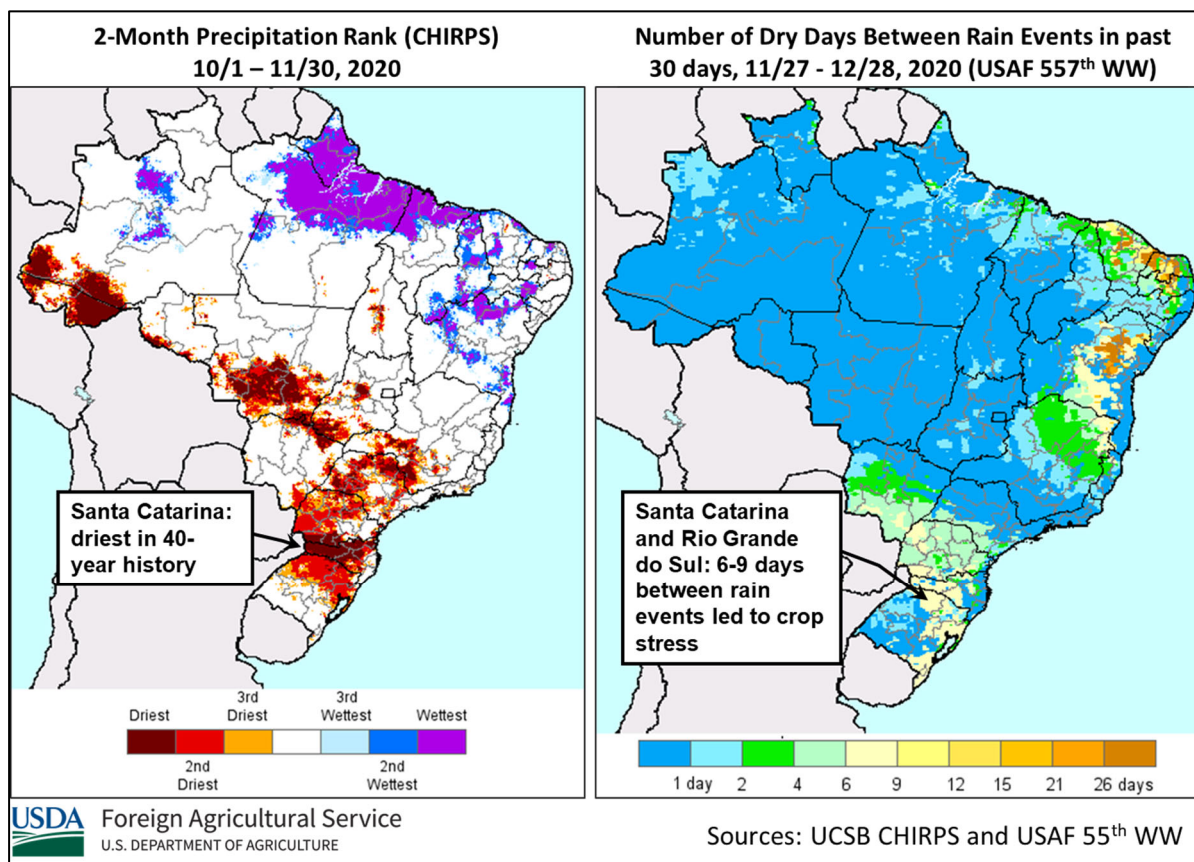
United States
Department of
Agriculture

Foreign
Agricultural
Service

Circular Series
WAP 1-21
January 2021

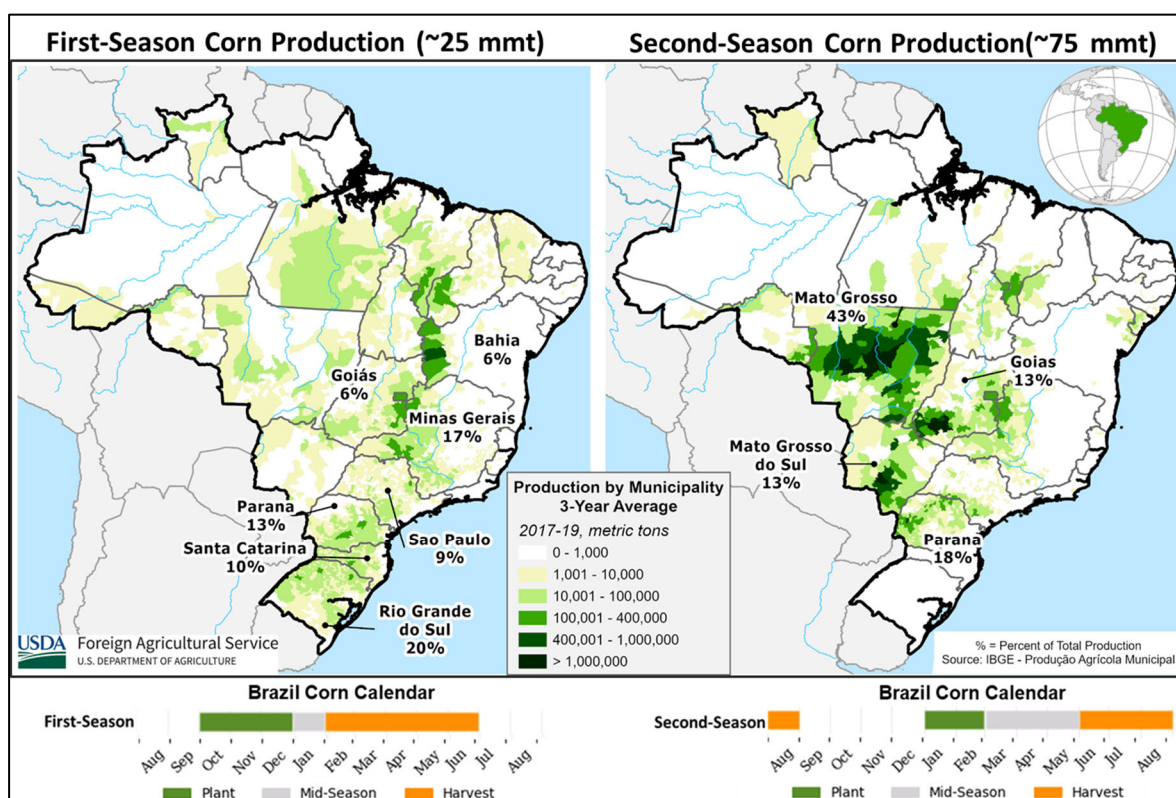
World Agricultural Production

Brazil Corn: First Corn Crop Affected by Dry Weather



USDA forecasts total corn production in Brazil at a record 109.0 million metric tons (mmt), down 1 mmt (1 percent) from last month, but up 7.0 mmt (7 percent) from last year's record. Total harvested area, for both the first-season and second-season corn crops, is forecast at a record 19.5 million hectares (mha), up 1.0 mha (5 percent) from last year's record area of 18.5 mha. Yield is forecast at 5.59 tons per hectare (t/ha), about 1 percent higher than last year's crop. The forecasted yield is 3 percent lower than the previous record of 5.77 t/ha in 2018/19, but up 7 percent from the 5-year average of 5.20 t/ha.

Approved by the World Agricultural Outlook Board

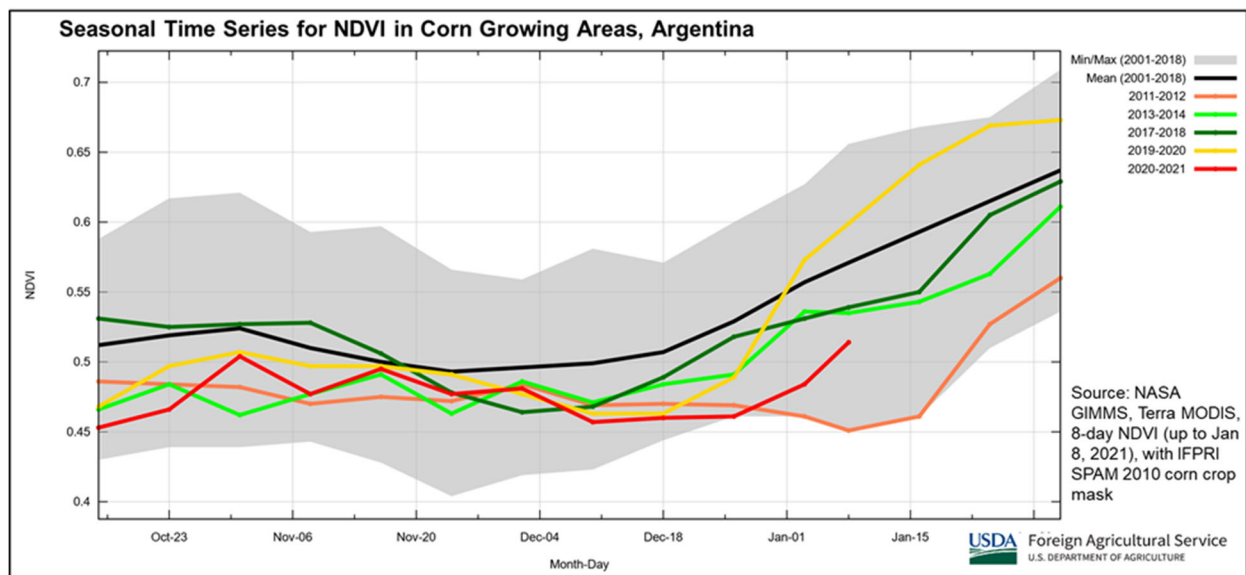


Brazil's first-season corn production comprises about one-fourth of total production, while second-season (*safrinha*) corn production now covers approximately three-fourths of Brazil's total corn production. The majority of the first crop was planted from September through November with area forecast by CONAB (*Companhia Nacional de Abastecimento* or the National Food Supply Company), an agency within the Ministry of Agriculture in Brazil, at 4.15 mha (down 2 percent from last year) and area for second-season corn at 13.8 mha (unchanged from last year). Concern remains for potential planting delays this *safrinha* season, outside the ideal planting window, because of the late rains that delayed soybean planting.

October and November were the driest two months in 40 years in some parts of southern and central Brazil. The substantial gaps between rain events and historic month-long delay in onset of rains has led to crop stress and negatively impacted crop development in Rio Grande do Sul and Santa Catarina. These two states contribute about 9 mmt (or 30 percent) to the first-crop production. Rains in December, albeit intermittent, were a welcome relief and have benefited the crop fraction that is now transitioning to sensitive flowering and grain-filling stages. The earlier planted first crop is likely beyond recovery with some already harvested.

In the center-west states of Mato Grosso and Goiás, planting has started for the *safrinha* crop, with the more significant planting beginning after mid-January. (*For more information, please contact Sunita.Yadav-Pauletti@usda.gov.*)

Argentina Corn: Dry Weather Reduces Yield

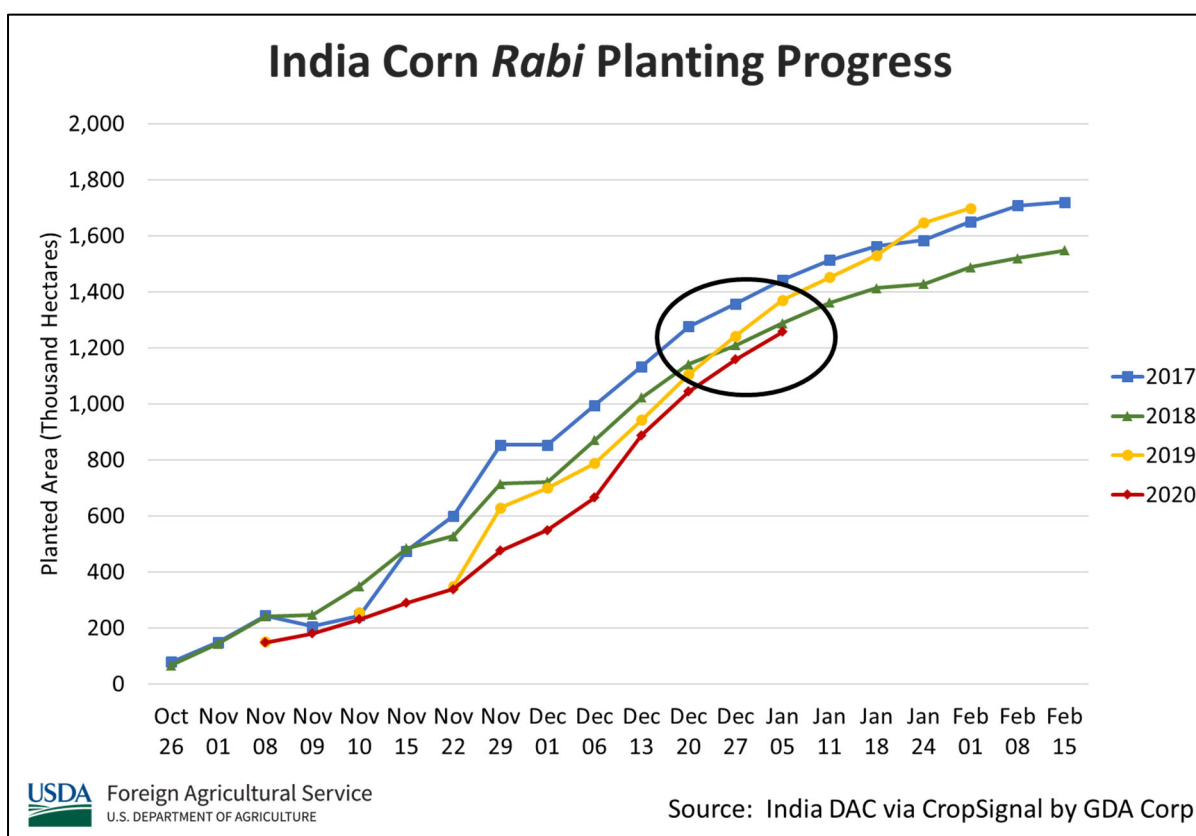


Argentina's 2020/21 corn area is forecast lower based on dry conditions caused by the lingering La Niña. Continued economic currency variability, inflation, and risk to late sowings may delay further planting. Corn area is forecast at 6.1 million hectares, unchanged from last month and down 3 percent from last year. Corn production is forecast at 47.5 million metric tons, down 3 percent from last month, and down 7 percent from last year. Yield is forecast at 7.79 tons per hectare, down 3 percent from last month and down 4 percent from last year. Satellite-derived vegetation analysis shows current conditions below last year and below average.

Plant stress, limited soil moisture reserves, anticipated low yields, and higher input costs may force farmers to reevaluate any remaining planting decisions. In addition, soil moisture levels remain low in much of Cordoba, Santa Fe, and Entre Rios. Soil moisture reserves are currently depleted due to the intermittent rainfall and increasing temperatures. *(For more information, please contact Denise.McWilliams@usda.gov.)*

India Corn: Corn Area Revised Up

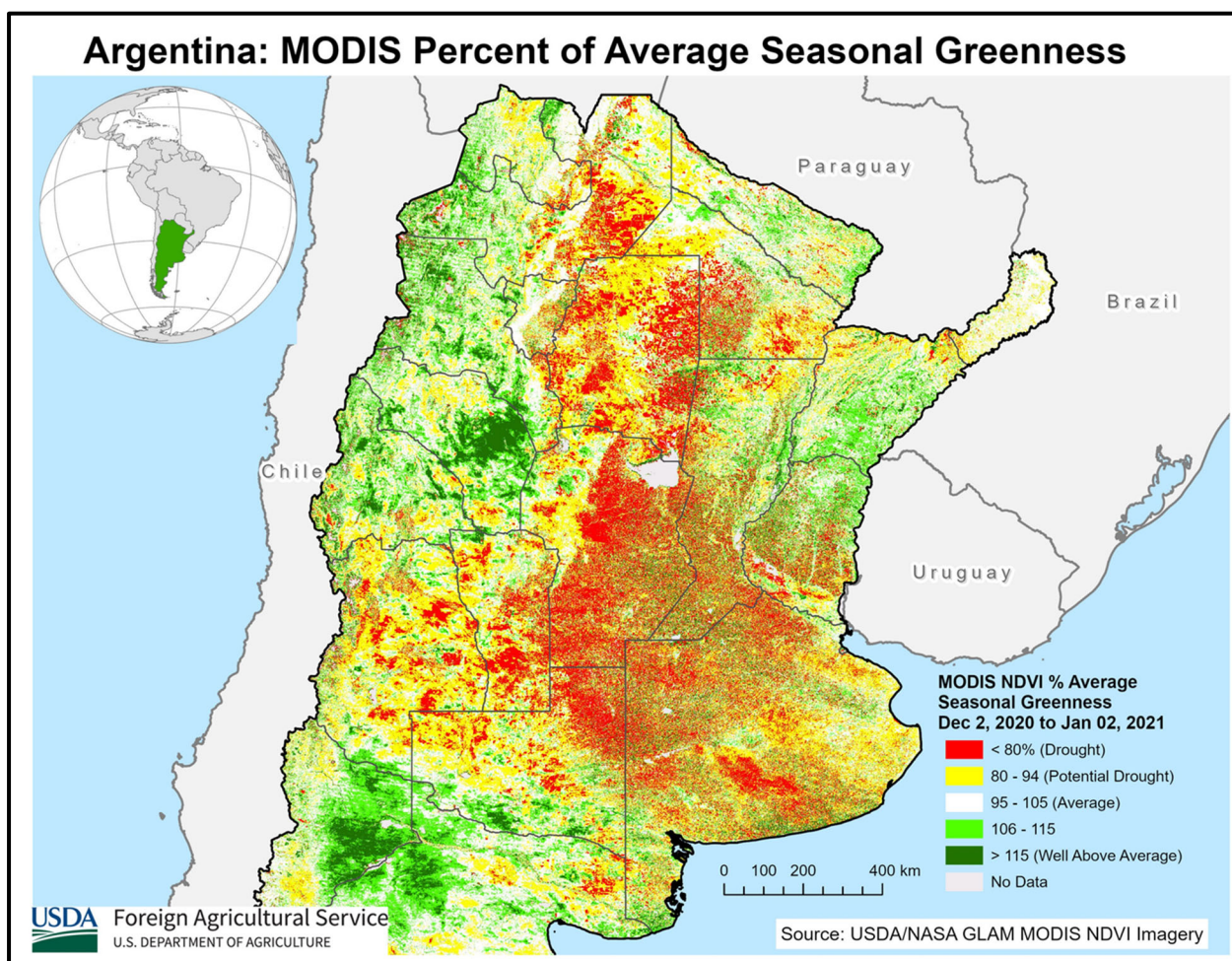
USDA estimates 2020/21 India corn production at 28.5 million metric tons, up nearly 2 percent from last month, but down slightly from 2019. Area is estimated at 9.4 million hectares, up 2 percent from last month, but down 3 percent from last year. This 3 percent year-to-year decrease is due to lower demand from the poultry industry. Yield is estimated at 3.03 metric tons per hectare, relatively unchanged from last month and up nearly 3 percent from last year. The 3 percent increase in yield is because of timely monsoonal rains and limited pests.



Corn is grown both in the *kharif*, which accounts for 70 percent of total production, and the *rabi* seasons. Planting for the *kharif* crop starts when the monsoon starts typically in June, and planting for the *rabi* crop starts in November. A late season withdrawal of the monsoon provided good soil moisture for *rabi* planting. Reservoirs in *rabi* planting regions are at least 75 percent of capacity. Ministry of Agriculture Planting Progress (January 1, 2021) reported *rabi* planting at nearly 7 percent below the 5-year average. A late-season cyclone negatively impacted the major *rabi* producing areas in the southeast regions of Tamil Nadu. In Telangana, corn was displaced due to late cotton harvest and government restrictions, however, there is still a month remaining to plant. (For more information, please contact Arnella.Trent@usda.gov.)

Argentina Soybeans: Yield Reduced due to Dryness

The 2020/21 Argentina soybean area is forecast at 16.7 million hectares (mha), unchanged from last month and last year. Yield is forecast as 2.87 tons per hectare, 4 percent below last month, and 2 percent less than last year. As a result, production is forecast at 48.0 million metric tons, down two million tons from the previous forecast, 4 percent below last month and less than 2 percent below last year.



Dry conditions continue as the La Niña weather affects early planted soybeans at a critical time. Later planted soybeans are struggling in regions where soil moisture reserves are simply not available. Scattered and insufficient rains since planting have largely depleted soil moisture reserves. Percent of average seasonal greenness since early December depict poor conditions across central Argentina.

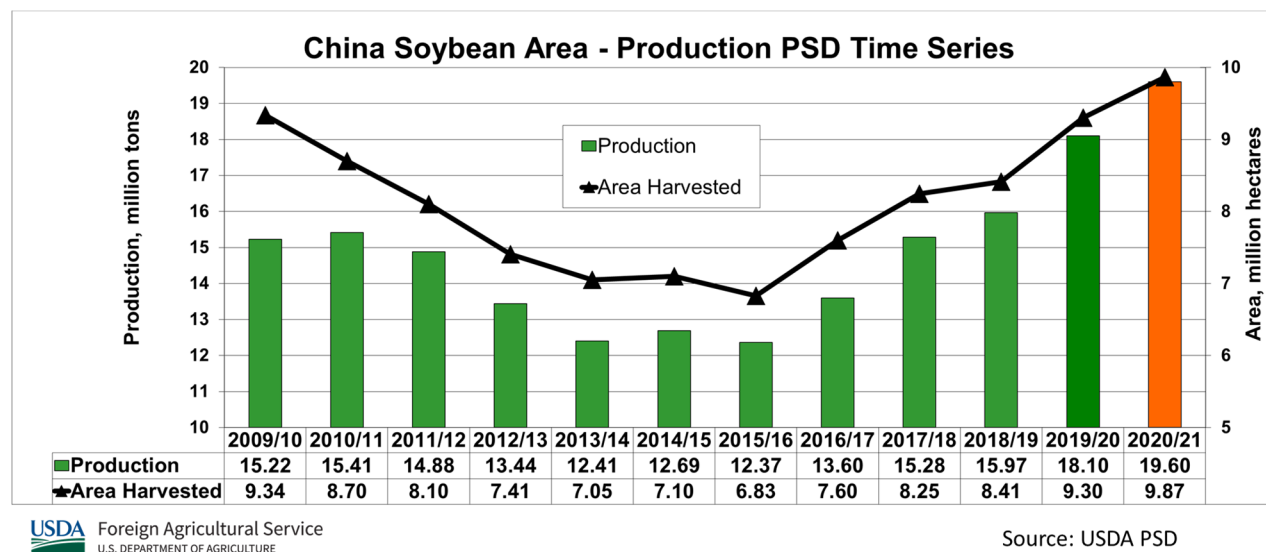
Economic problems continue to hinder Argentina. The peso's value remains low relative to the dollar during the pandemic, and farmers are concerned as many of the crop protection inputs, such as pesticides, are purchased in dollar values, taking more pesos to grow a crop this year. High stocks and the return of the high export tax has not encouraged planting of the remaining soybean crop. High stocks are due to slow soybeans sales and lower crush figures, which have continued into the new year. As a result, some grain ships are not being loaded from the ports. *(For more information, please contact Denise.McWilliams@usda.gov.)*

China Soybeans: Production Revised Significantly Upward

China's 2020/21 soybean production is estimated at 19.6 million metric tons (mmt), up 2.1 million or 12 percent from last month and up 8 percent from last year. Area is estimated at 9.9 million hectares, up 0.6 million or 6 percent from last month and from last year. Yield is estimated at 1.99 metric tons per hectare, up 6 percent from last month, up 2 percent from last year and up 7 percent

from the 5-year average of 1.86 mt/ha. These changes reflect the latest data from China's National Bureau of Statistics.

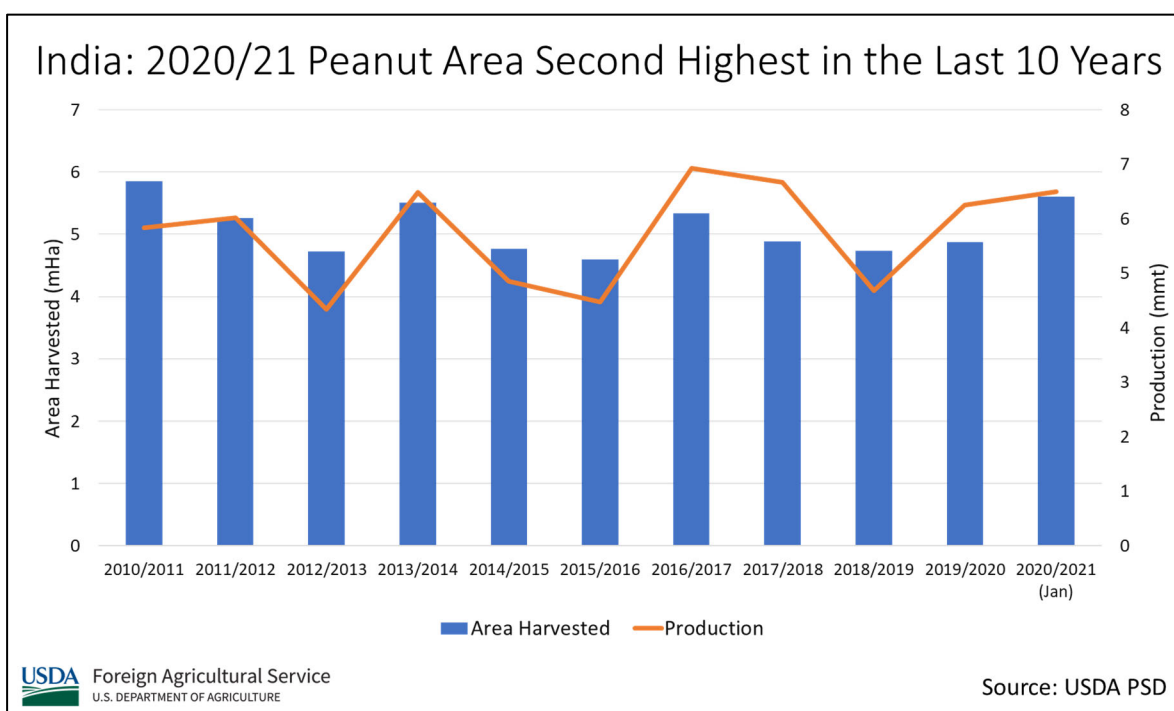
The 2020/21 growing season started and progressed well with favorable weather conditions at the peak of crop growth and advanced development in June through July. During this critical period, soil moisture was adequate to abundant across the major growing regions, particularly in Heilongjiang, Jilin, and Nei Mongol provinces. Harvest was completed on time with minimal weather disruptions both in the North China Plain and in the northeastern provinces.



In the last 5 years, there has been a significant increase in soybean planted area primarily due to changes in government agricultural policies. The policies are aimed at reducing China's dependency on soybean imports to meet domestic demand for meal and oil. Farmers have responded positively to the policies as evidenced by the significant expansion of soybean area. The most notable government policies include encouraging provincial governments to set annual soybean production targets, increased investment in seed development and crop management, targeted soybean price measures in the north east provinces of Heilongjiang, Jilin, and Nei Mongol, and the reductions in corn price support and subsidies are encouraging the conversion of corn area to soybeans. Approximately 50 percent of China's soybeans are grown in the northeast provinces, with Heilongjiang province accounting for about 40 percent of national output. Other major soybean growing provinces include Anhui, Henan, and Shandong provinces on the North China Plain. (For more information, please contact Dath.Mita@usda.gov.)

India Peanuts: Area Estimates Revised Down

USDA estimates India peanut production at 6.5 million metric tons, down nearly 4 percent from 2019, mainly a result of lower yields. Harvested area is revised down to 5.6 million hectares, down 3 percent from last month, due to slow planting in the top *rabi* areas, but up nearly 15 percent from last year. Yield is estimated at 1.16 metric tons per hectare, down 9 percent from last year.

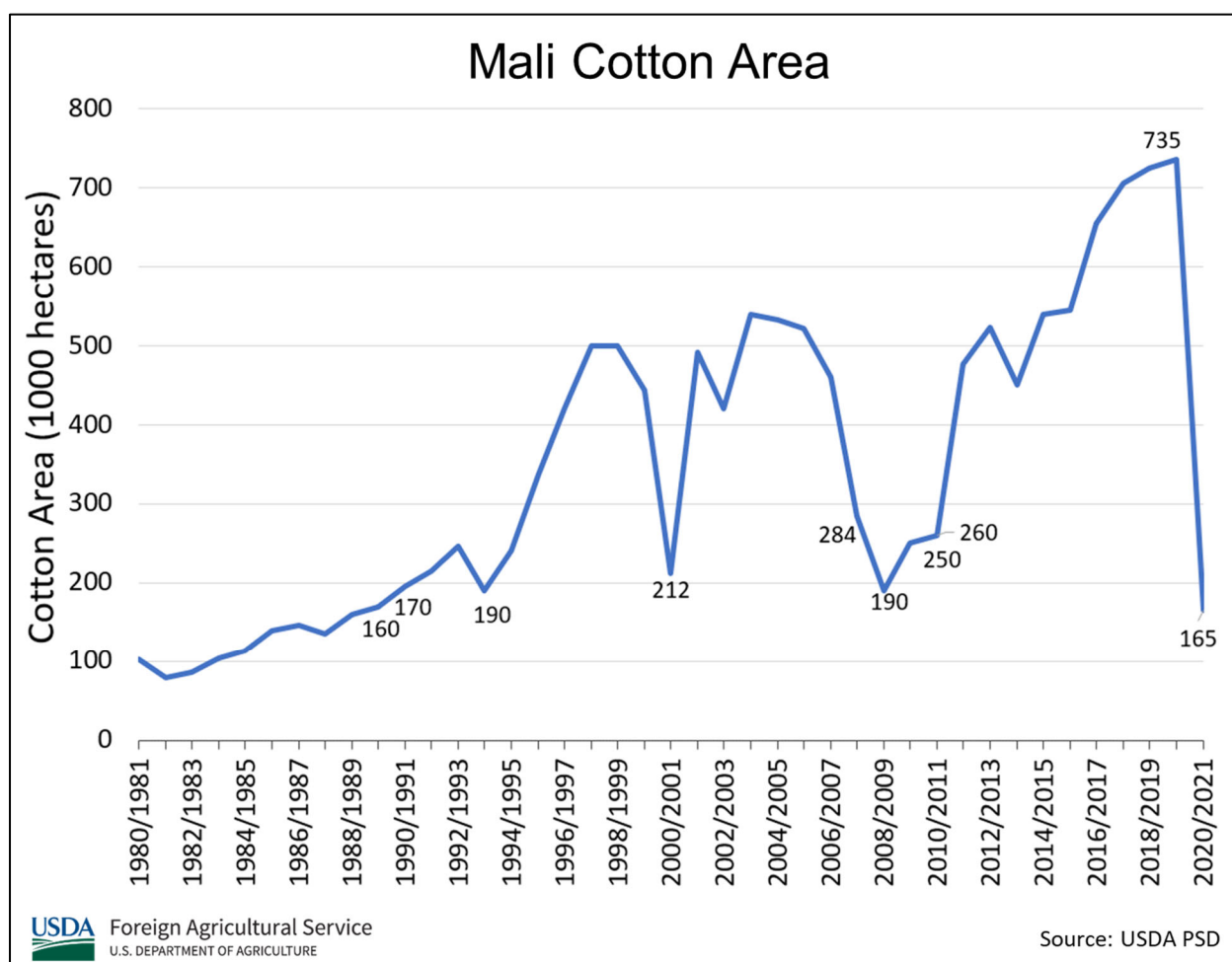


There are two peanut-growing seasons in India: *kharif* and *rabi*. The *kharif* crop accounts for 85 percent of the total output and is typically planted in late June and harvested in October. The *rabi* crop is planted in late October through January and harvested in April.

Currently, *rabi* season peanuts are being planted. A late season withdrawal of the monsoon provided good soil moisture for *rabi* planting. Reservoirs in the *rabi* planting areas are at least 75 percent of capacity. The Ministry of Agriculture Planting Progress report (January 1, 2021) indicated *rabi* planting at 10 percent below the 5-year average. A late-season cyclone negatively impacted the major *rabi* producing areas in the south-east regions of Tamil Nadu. In Telangana, late cotton harvesting has likely displaced peanut planting. (For more information, please contact Arnella.Trent@usda.gov.)

Mali Cotton: Sharp Reduction in Production due to Reduced Area

Mali's cotton production for 2020/21 is estimated at 285,000 480-pound bales, down 115,000 bales (29 percent) from last month and down 1.07 million bales (79 percent) from last year. Harvested area is estimated at 165,000 hectares (ha), down 35,000 ha (18 percent) from last month and down 570,000 ha (78 percent) from last year. The harvested area is the lowest area since 1988 when 160,000 ha was harvested. Yield is estimated at 376 kilograms per hectare, down 7 percent from the 5-year average. Weather was favorable during the growing season, but yields are estimated to be slightly below average due to the lack of fertilizer for the cotton crop.



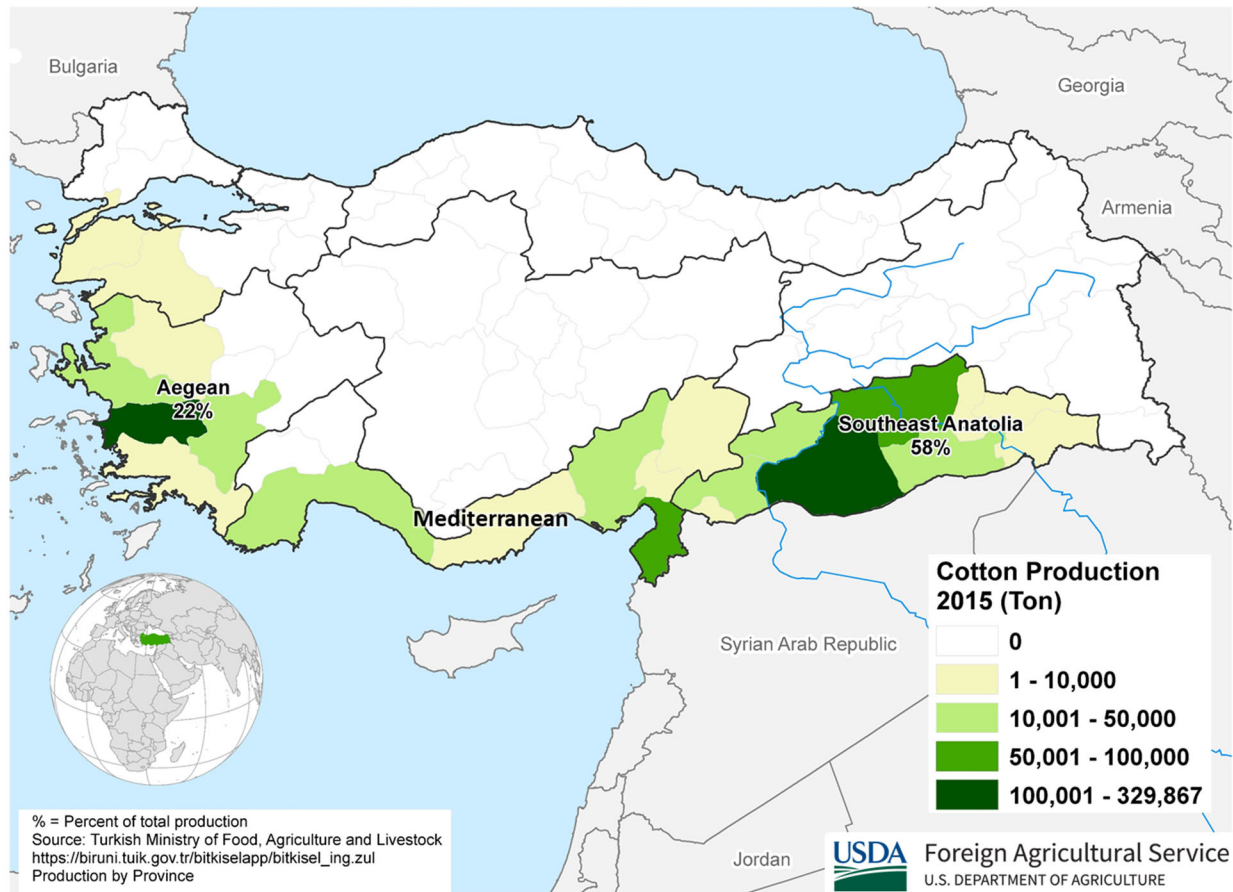
Mali's cotton is sown from May to July and harvest is from late October to December. The significant decrease in planted area is due to high fertilizer prices and low farm gate prices set by the Government of Mali in May. Due to unfavorable prices at the time of planting, many cotton farmers decided to switch to alternative crops such as millet, sorghum, corn, soybeans, and other pulses. Malian cotton farmers have a history of planting alternative crops when cotton prices and input costs are unfavorable. The most recent example is during the Market Year (MY) 2007/08 to the MY 2010/11 period when less than 285,000 ha of cotton was harvested each year.

The primary cotton producing regions in Mali are Koulikoro and Sikasso, where more than 80 percent of total cotton is produced. Mali was Africa's largest cotton producer during the MY 2017/18 season, and the second highest producer for the MY 2018/19 and MY 2019/20 seasons. (For more information, please contact Curt.Reynolds@usda.gov.)

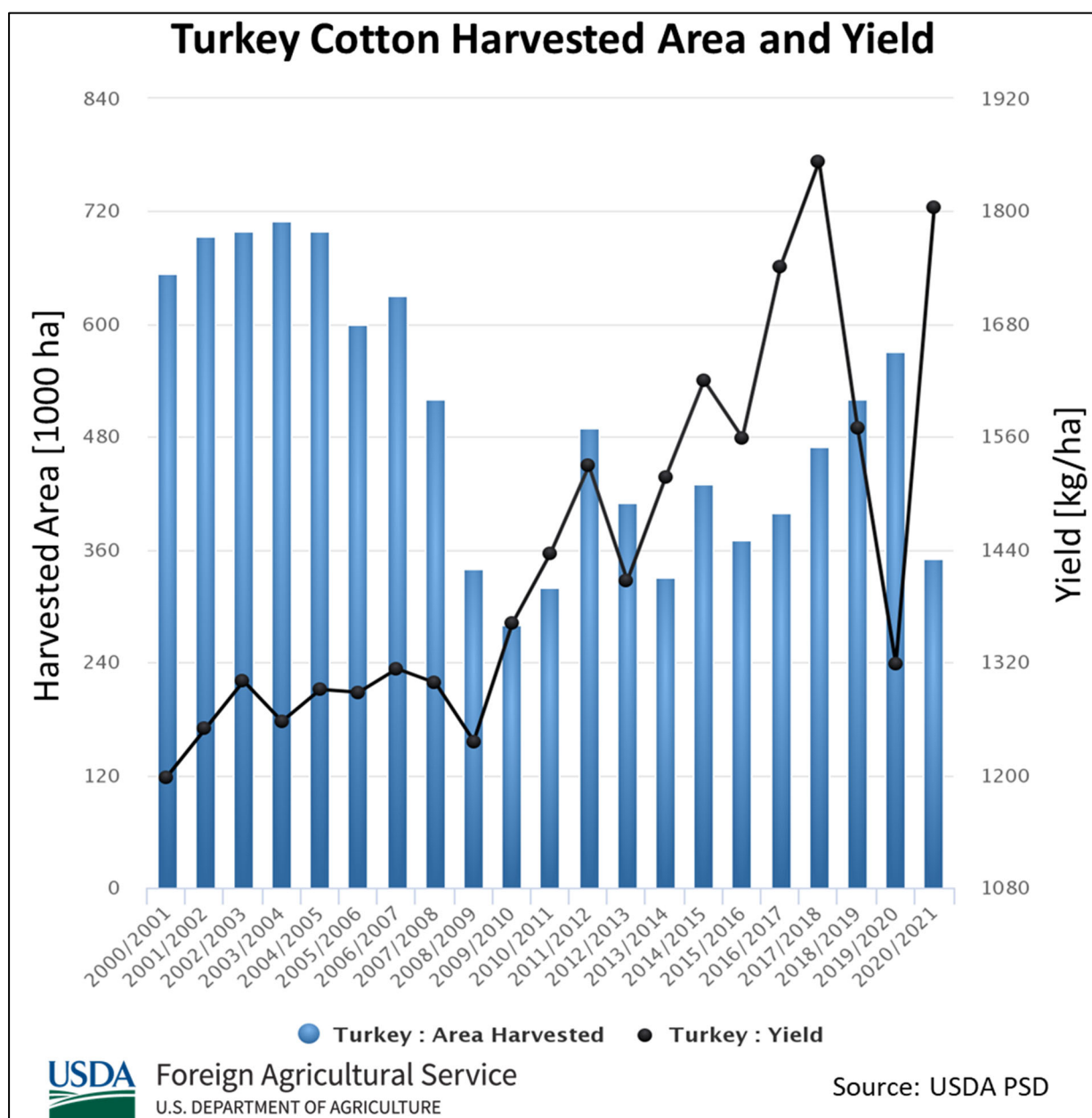
Turkey Cotton: Large Reduction in Area but Near-Record Yield Forecast

USDA estimates Turkey cotton production for 2020/21 at 2.9 million 480-pound bales, up 4 percent from last month, but down 16 percent from last year. The area is estimated at 350,000 hectares, unchanged from last month, but down 39 percent from last year. The estimated yield of 1,804 kilograms per hectare is at a near-record level.

TURKEY: Cotton Production

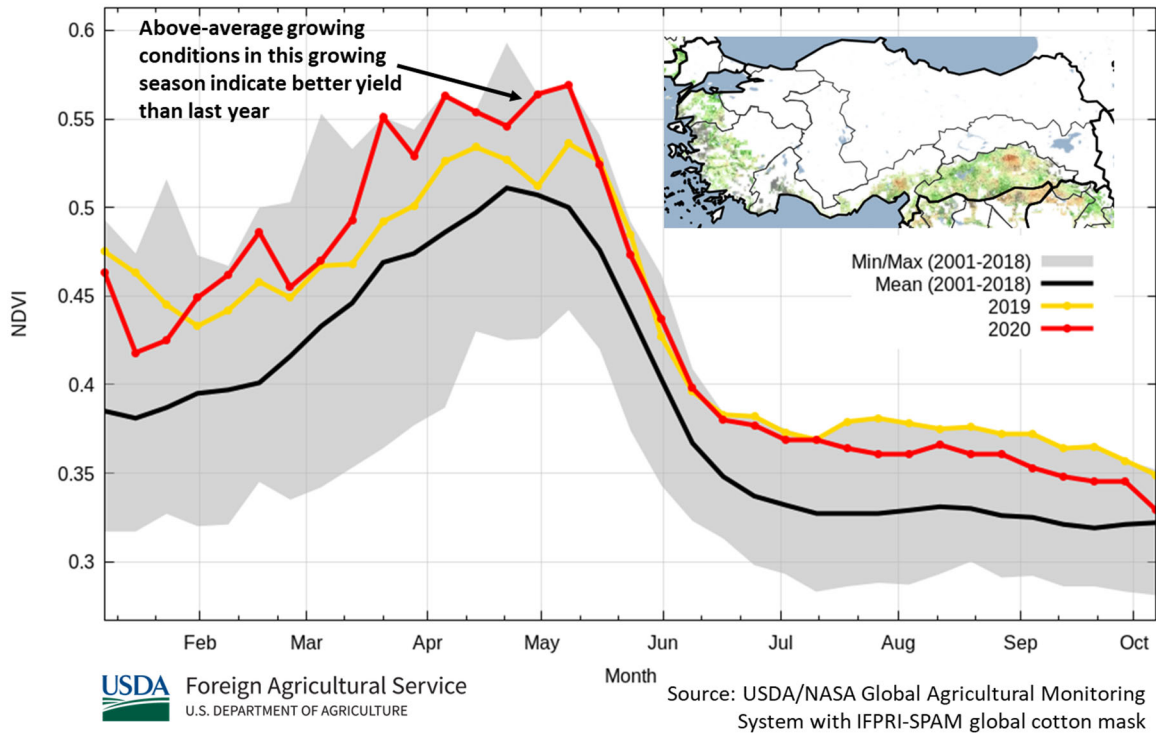


Cotton is mainly grown in the Mediterranean, Aegean, and Southeast Anatolia (GAP) regions, where the latter two areas contribute about 80 percent of the total cotton produced in Turkey.



USDA's Agricultural Affairs Office in Turkey stated in the [March 2020 GAIN](#) report several reasons that led to the large reduction in cotton area this season. Some of the major reasons include financial losses due to weather issues during the previous growing season, increases in production costs for pesticides and fertilizers, government imposed crop rotation rule according to which farmers have to change the crop they plant every third year in order to get subsidies, and unattractive cotton prices due to better returns from alternative crops.

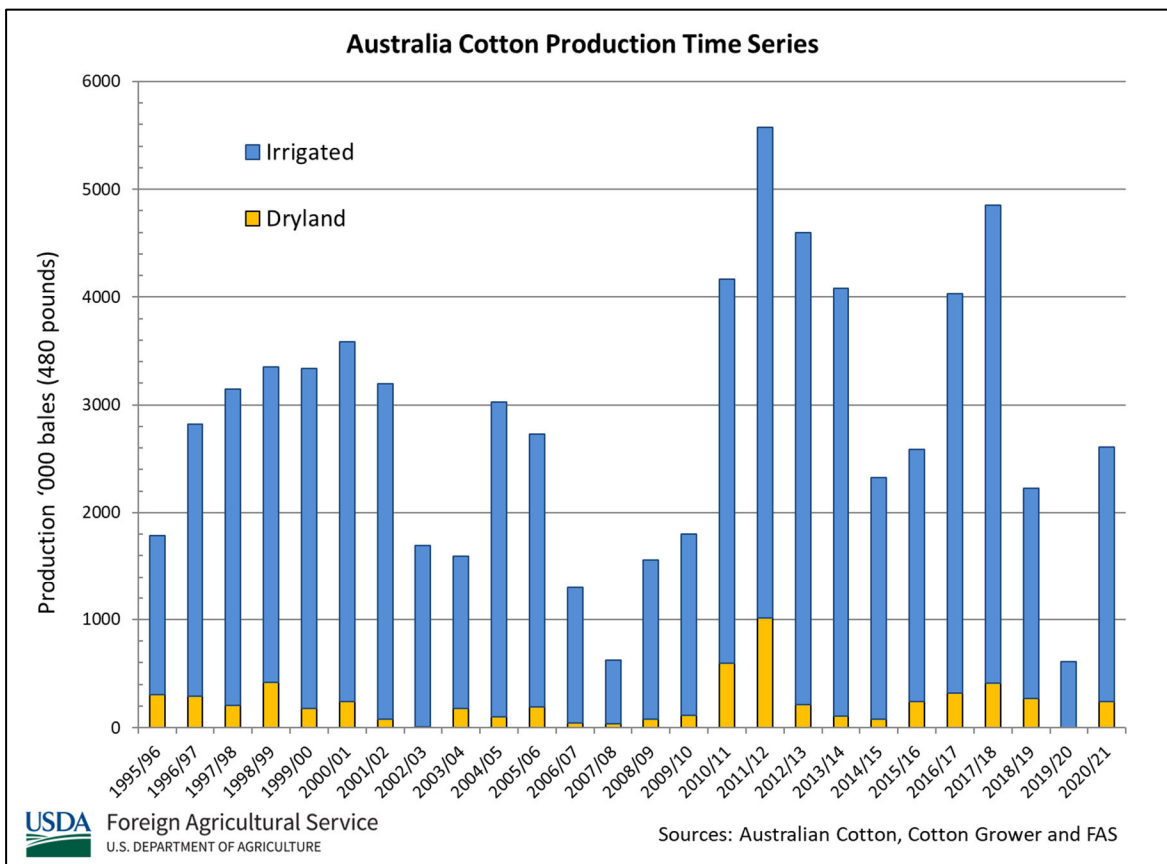
MODIS NDVI for Turkey Cotton Regions



Yield, on the other hand, is the second highest on record since the 2000/01 market year owing to favorable weather conditions and sufficient water supplies. Analysis of the satellite-derived Normalized Difference Vegetation Index (NDVI) demonstrates above average crop vigor and overall better than last year's cotton crop. *(For more information, please contact Iliana.Mladenova@usda.gov.)*

Australia Cotton: Production Revised Up on Improved Water Availability

The 2020/21 Australia cotton crop production is forecast at 2.5 million 480-pound bales (0.544 million metric tons), up 0.1 million bales from last month, and up 1.875 million 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, 10 percent above the 5-year average.

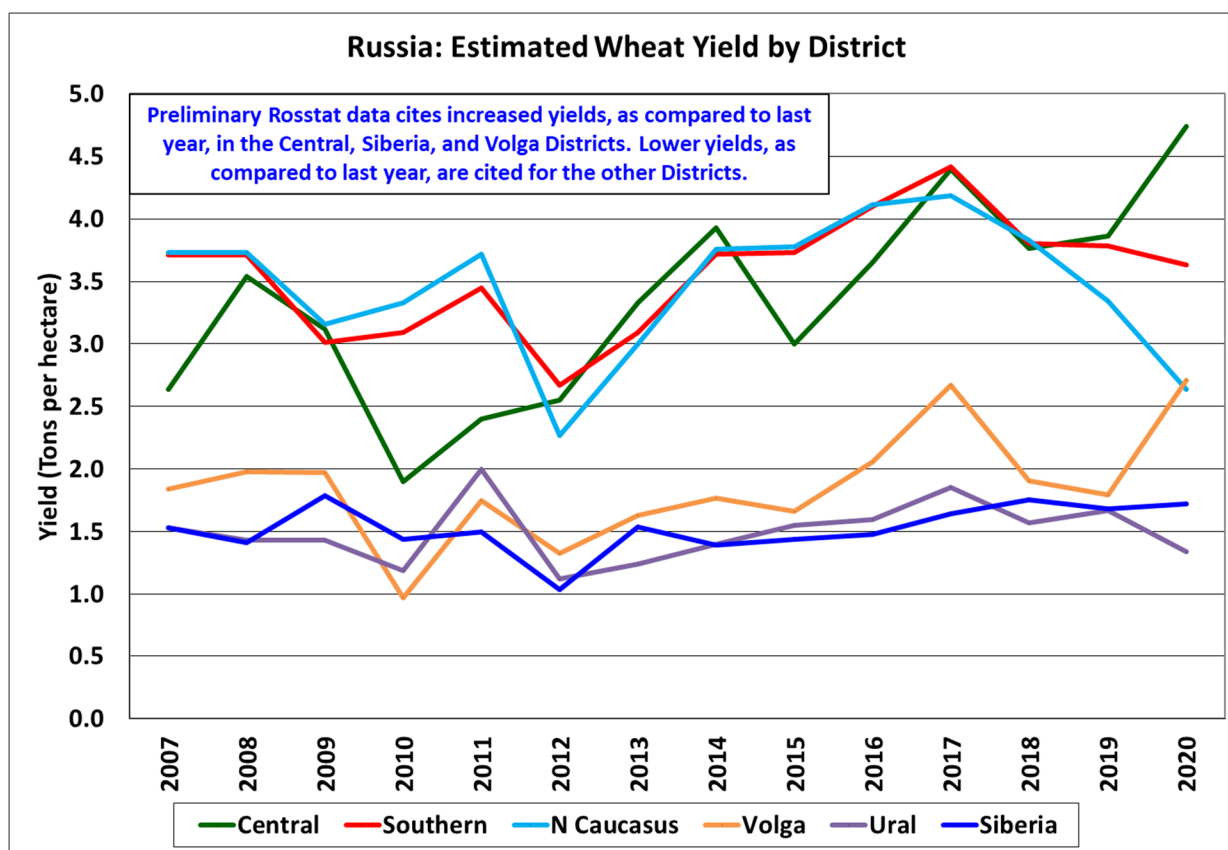


Irrigated cotton comprises about 90 percent of Australia's total cotton production, the remaining 10 percent is produced by rainfed operations. Irrigated cotton yields are substantially higher than dryland yields, and the difference widens in low-rainfall years. Dryland cotton planting tends to vary 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. This season's above-average rainfall has increased water storage for irrigated cotton and provided adequate soil moisture in dryland cotton areas.

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).*

Russia Wheat: Record Production

USDA estimates Russia wheat production for 2020/21 at a record 85.3 million metric tons (mmt), up 2 percent from last month, and up 16 percent from last year. The estimate includes 59.8 mmt of winter wheat and 25.5 mmt of spring wheat. USDA crop production estimates for Russia exclude estimated output from Crimea. Total wheat yield is estimated at 2.98 tons per hectare, up 2 percent from last month, and up 11 percent from last year. Total harvested area is estimated at 28.6 million hectares, unchanged from last month, and up 5 percent from last year.

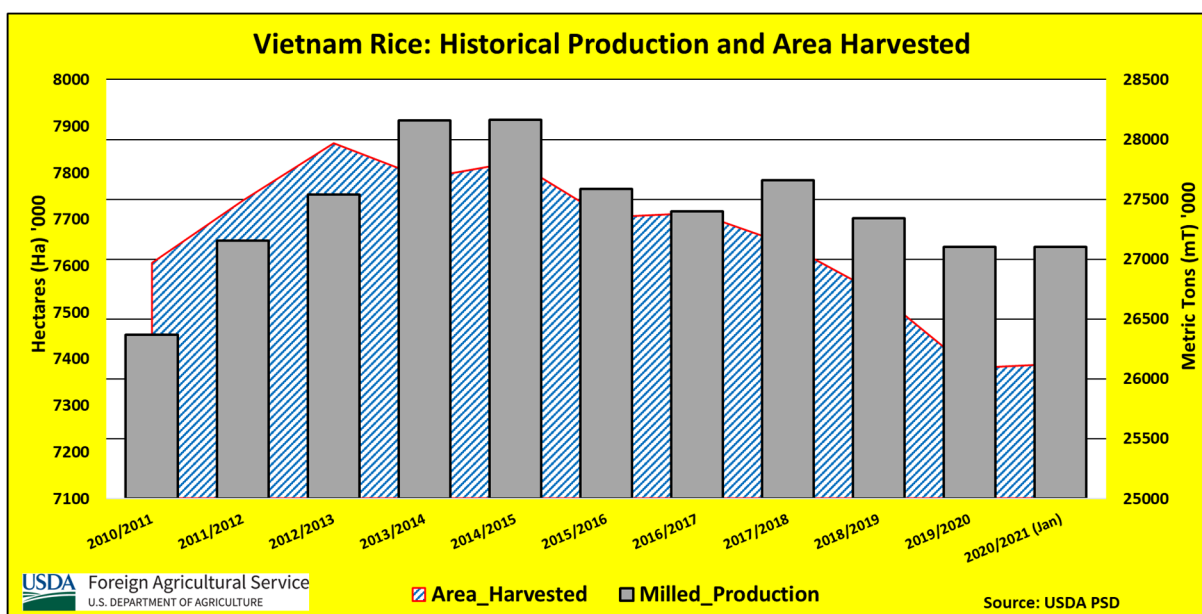


Preliminary data from the Russian statistical agency, Rosstat, cites increased yields in the Central, Siberia, and Volga Districts. Lower yields, as compared to last year, are cited for the other wheat growing Districts. Overall, a bumper winter wheat area, record yields in the Central and Volga Districts and record spring wheat yields boosted total production, eclipsing the previous record in 2017.

Area, yield, and production estimates for Russia winter wheat and spring wheat are available on PSD Online. Select “Downloadable Data Sets” and open the zipped file for “Russia Wheat; Winter/Spring Area & Production.” (For more information, please contact Katie.McGaughey@usda.gov.)

Vietnam Rice: Area Continues Downward Trend

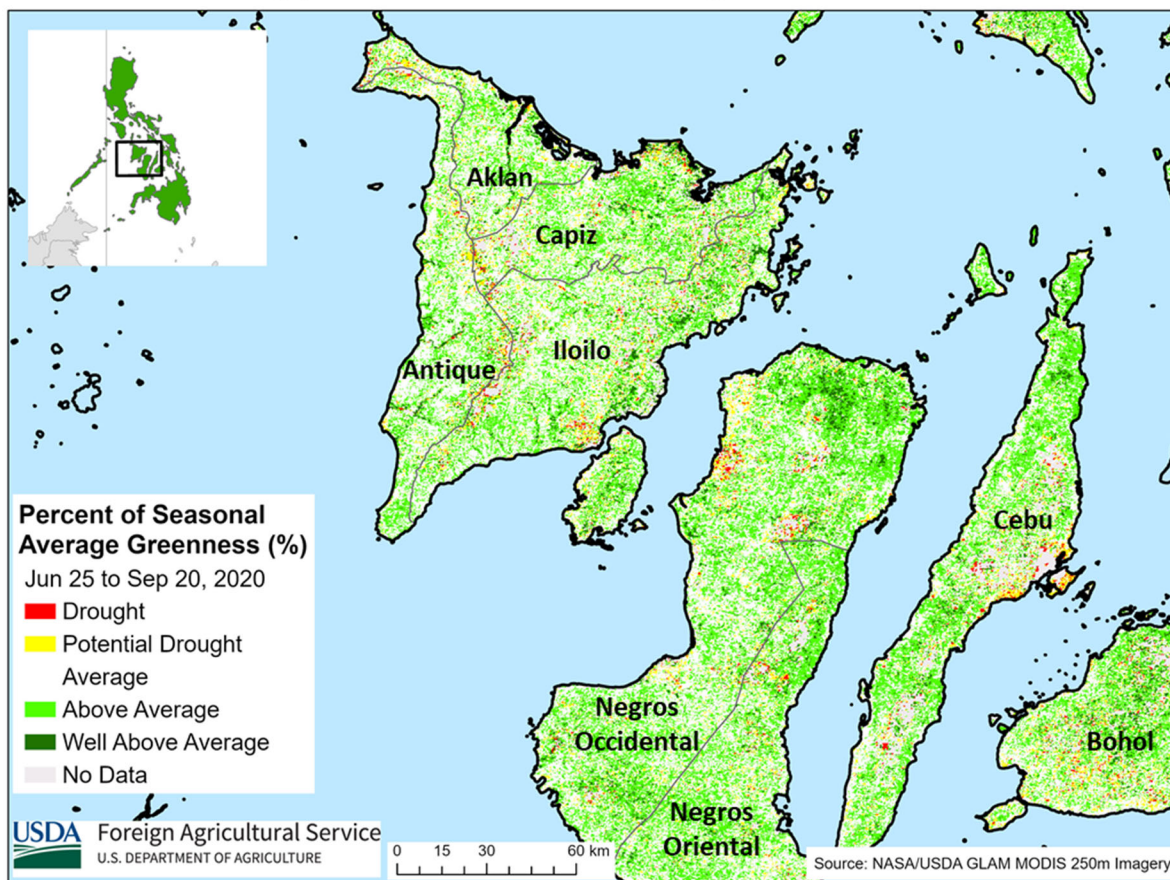
USDA estimates Vietnam's 2020/21 rice production at 27.1 million metric tons (milled basis), up marginally from last month, but unchanged from last year. Since 2015, production has been mostly trending downward. One of the main factors for the decline in rice production has been attributed to the reduction in rice cultivated area. Harvested area is estimated at 7.4 million hectares, down marginally from last month, but up slightly from last year. Harvested area is down 3 percent from the 5-year average. Yield is estimated at 5.87 tons per hectare, up 1 percent from last month, but down marginally from last year.



Vietnam rice is produced in three seasons: winter, spring, and autumn. The bulk of the rice output derives from the spring and autumn seasons, accounting for about 80 percent of total production. Since 2015, the spring and autumn rice production seasons have mostly trended downward and are forecast down 4 percent and 5 percent, respectively. The downward shift in production for the main producing seasons has been due to continued reductions in area. Cultivated rice area has been declining annually due to several factors such as a shift to higher profitable crops, increased residential development, salinity intrusion, and land erosion. Cultivated area is forecast to be reduced for the spring and autumn seasons for market year 2020/21. *(For more information, please contact Justin.Jenkins@usda.gov.)*

Philippines Rice: Estimated Production Second Highest on Record

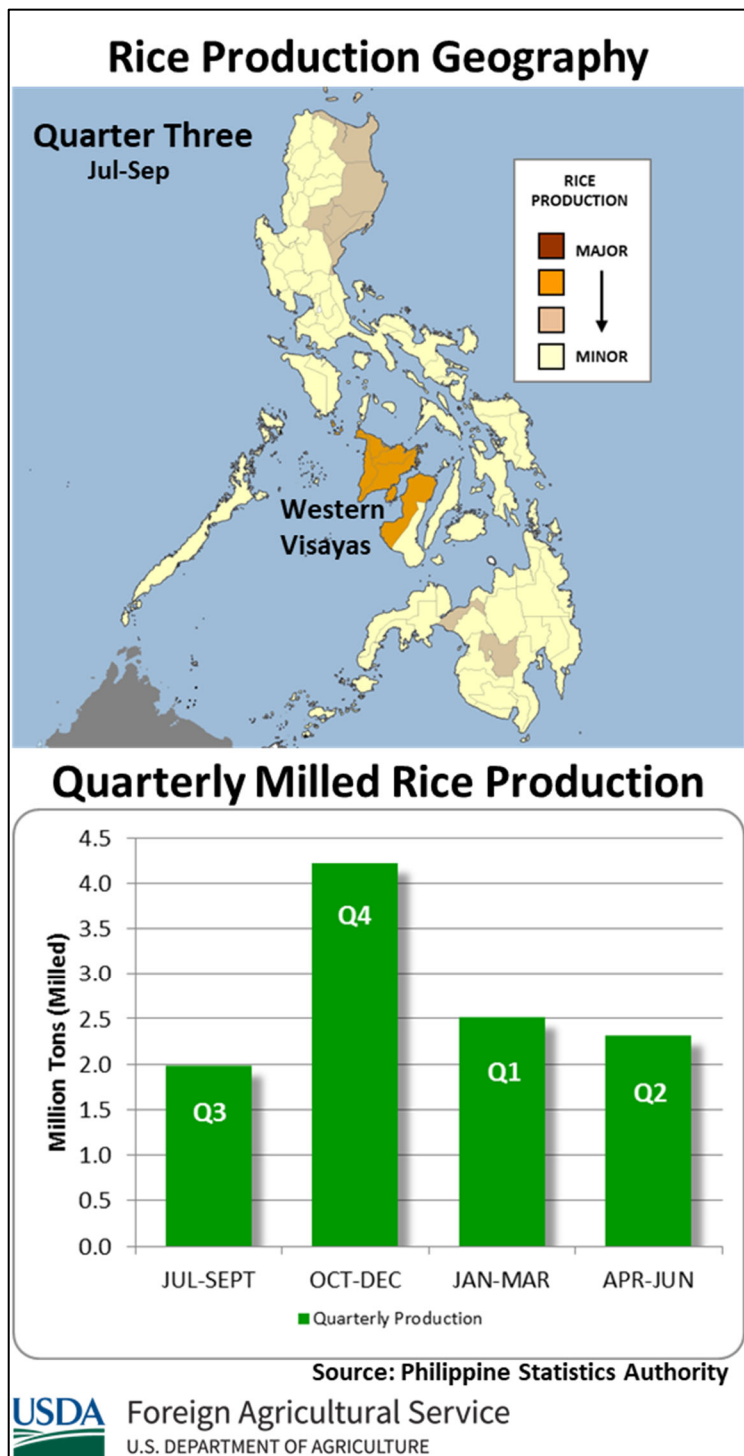
Philippines: Percent of Average Seasonal Greenness



Adequate rainfall observed during the quarter three rice cycle proved beneficial for soil moisture reserves, rice cultivated area expansion as well as growth and development. The Percent of Seasonal Average Greenness notes vegetation being well above average in key rice areas in the Western Visayas region, which represents about 20 percent of quarter three rice output.



USDA estimates 2020/21 Philippines rice production at 12.0 million metric tons (mmt) (milled basis), up 3 percent from last month and up 1 percent from last year. Additionally, forecasted rice production is the second highest on record, behind the 12.2 mmt 2017/18 crop. Harvested area is estimated at 4.65 million hectares, up 2 percent from last month and up marginally from last year, but down 1 percent from the 5-year average. Yield is estimated at a record 4.10 tons per hectare, up marginally from both last month and last year and up 3 percent from the 5-year average.



Philippines rice is cultivated throughout the year and is produced quarterly. USDA's Philippines rice market year begins with the third quarter, 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. Philippines rice production for the third quarter cycle was higher than expected, up 15 percent from last year, according to estimates from the Philippine Statistics Authority (PSA). Estimated at 3.52 mmt (rough basis), this would mark the third time that quarter three would surpass 3.5 mmt since 2000, with the record set in 2012 at 3.6 mmt. On average the third quarter rice production output is about 3.0 mmt. Increased rice output for the third quarter was primarily due to higher than anticipated harvested area at 8.52 million hectares, up 15 percent from last year, according to PSA. Increased cultivated area stemmed from the implementation of government support programs aimed at increasing the country's self-sufficiency rate coined as the "Plant, Plant, Plant Program." 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 expansion in rice cultivation as well as growth and development.

Harvest for quarter four began in October and ended in December. After an active typhoon season that negatively impacted rice area with a reported 300,000 hectares lost, preliminary rice estimates indicated quarter four was still able to achieve an output higher than last year. PSA estimates quarter four rice production at 7.54 mmt, up 1 percent from last year. Rice production cycles for quarter one and quarter two end in March and June, respectively. *(For more information, please contact Justin.Jenkins@usda.gov.)*



**World Agricultural Production
U.S. Department of Agriculture**

Foreign Agricultural Service / Global Market Analysis
International Production Assessment Division (IPAD)

Ag Box 1051, Room 4630, South Building

Washington, DC 20250-1051

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

Telephone: (202) 720-1662

Fax: (202) 720-1158

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), January 12, 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, February 9, 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
--------	---	---------------

Metric tons to hundredweight

Rice	=	MT * 22.04622
------	---	---------------

Area & weight

1 hectare	=	2.471044 acres
1 kilogram	=	2.204622 pounds



For further information, contact:
U.S. Department of Agriculture
Foreign Agricultural Service
Global Market Analysis
International Production Assessment Division
Ag Box 1051, Room 4630, South Building
Washington, DC 20250-1051

Telephone: (202) 720-1662

Fax: (202) 720-1158

GENERAL INFORMATION

Senior Director	Ronald Frantz	202-720-4056	ronald.frantz@usda.gov
Director	Robert Tetrault	202-720-1071	robert.tetrault@usda.gov
Administrative Assistant	Vacant		
USDA Remote Sensing Advisor	Vacant		
Sr. Analyst/Technical Lead	Curt Reynolds, Ph.D.	202-690-0134	curt.reynolds@usda.gov
Sr. Analyst/ Satellite Imagery	Dath Mita, Ph.D.	202-720-7339	dath.mita@usda.gov
Archives Manager/Technical Lead			
Sr. Analyst/Technical Lead	Jim Crutchfield	202-690-0135	james.crutchfield@usda.gov
GIS Mapping/Imagery Analyst	Lisa Colson	202-720-6652	lisa.colson@usda.gov
WAP Coordinators	Ifeoma Collins	202-720-0240	ifeoma.collins@usda.gov
	Aaron Mulhollen	202-690-0131	aaron.mulhollen@usda.gov

COUNTRY- AND REGION-SPECIFIC INFORMATION

South America, Argentina, Venezuela, and Colombia	Denise McWilliams, Ph.D.	202-720-0107	denise.mcwilliams@usda.gov
Western and Central Europe, and North Africa	Bryan Purcell	202-690-0138	bryan.purcell@usda.gov
Russia, Ukraine, Kazakhstan, Moldova, and Belarus	Katie McGaughey	202-720-9210	katie.mcgaughey@usda.gov
South Asia, Sri Lanka	Arnella Trent	202-720-0881	arnella.trent@usda.gov
Bangladesh, India, and Nepal			
East Asia, China, and Japan	Dath Mita, Ph.D.	202-720-7339	dath.mita@usda.gov
Sub-Saharan Africa,	Curt Reynolds, Ph.D.	202-690-0134	curt.reynolds@usda.gov
Nigeria and South Africa			
S.E. Asia, Indonesia, Thailand, Malaysia, Cambodia and Vietnam	Justin Jenkins	202-720-0419	justin.jenkins@usda.gov
Central America, Mexico, and Western United States	Ifeoma Collins	202-720-0240	ifeoma.collins@usda.gov
Australia, New Zealand, Pakistan	Jim Crutchfield	202-690-0135	james.crutchfield@usda.gov
Papua New Guinea and South Pacific Islands			
Middle East, Central Asia, Afghanistan	Iliana Mladenova, Ph.D.		iliana.mladenova@usda.gov
Iraq, Iran, and Syria			
Canada, Caribbean,	Aaron Mulhollen	202-690-0131	aaron.mulhollen@usda.gov
Eastern United States			
Brazil	Sunita Yadav-Pauletti, Ph.D.		sunita.yadav-pauletti@usda.gov



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	730.9	679.6	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	227.7
	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	251.9
	2020/21 proj.																			
	Dec	773.7	724.0	49.7	35.2	3.1	84.0	25.5	nr	136.0	107.6	0.0	25.7	0.0	18.0	6.3	30.0	2.2	18.3	232.2
	Jan	772.6	723.0	49.7	35.2	3.1	85.3	25.5	nr	134.3	107.6	0.0	25.7	0.0	17.5	6.3	30.0	2.2	18.3	232.1
	Coarse Grains																			
	2018/19	1,398.0	1,020.1	377.9	26.2	33.4	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	348.8
	2019/20 prel.	1,411.4	1,052.0	359.4	28.6	31.9	40.5	46.5	nr	268.2	47.4	12.0	7.4	4.6	58.1	105.6	10.4	16.5	14.5	359.7
	2020/21 proj.																			
	Dec	1,447.8	1,065.1	382.8	29.5	33.6	40.9	38.7	nr	267.4	45.3	12.0	7.5	5.6	56.4	113.4	14.8	16.7	15.7	367.6
	Jan	1,438.5	1,063.9	374.6	29.5	33.6	41.5	38.7	nr	268.0	45.5	12.0	7.5	5.6	55.2	112.4	14.8	16.7	15.7	367.3
	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.	496.4	490.5	5.9	0.0	0.2	0.7	0.0	nr	146.7	118.4	34.0	7.2	17.7	0.8	7.6	0.0	0.0	0.6	156.5
	2020/21 proj.																			
	Dec	501.2	494.0	7.2	0.0	0.2	0.7	0.0	nr	147.0	120.0	34.9	7.6	18.6	0.8	7.5	0.6	0.0	0.6	155.5
	Jan	503.2	495.9	7.2	0.0	0.2	0.7	0.0	nr	148.3	120.0	34.9	7.6	18.6	0.8	7.5	0.6	0.0	0.6	156.1
	Total Grains																			
	2018/19	2,626.2	2,189.9	436.3	58.6	36.6	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	730.5
2019/20 prel.	2,671.7	2,253.8	417.9	61.3	35.4	114.8	75.8	nr	548.5	269.4	46.0	38.9	22.2	78.7	118.4	25.7	18.0	32.6	768.2	
2020/21 proj.																				
Dec	2,722.7	2,283.1	439.6	64.7	36.8	125.6	64.2	nr	550.4	272.9	46.9	40.8	24.2	75.3	127.2	45.4	18.9	34.5	755.3	
Jan	2,714.3	2,282.8	431.5	64.7	36.8	127.5	64.2	nr	550.6	273.1	46.9	40.8	24.2	73.5	126.2	45.4	18.9	34.5	755.5	
Oilseeds																				
2018/19	600.0	469.3	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	90.2	
2019/20 prel.	576.4	469.5	107.0	25.8	1.1	21.7	24.5	nr	63.0	36.7	14.4	3.3	1.1	53.7	131.3	2.6	2.2	3.2	84.9	
2020/21 proj.																				
Dec	595.7	472.0	123.7	25.5	0.9	19.8	19.6	nr	62.3	38.3	14.6	2.7	1.1	54.6	137.7	4.4	2.2	2.8	85.5	
Jan	594.5	472.1	122.4	25.5	0.9	20.3	19.6	nr	64.4	38.1	14.6	2.6	1.1	52.6	137.7	4.4	2.2	2.9	85.2	
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.																				
Dec	113.9	98.0	15.9	0.0	1.1	0.0	0.0	1.5	27.5	29.5	0.0	4.5	0.0	1.4	12.0	2.4	0.2	2.8	15.1	
Jan	112.9	97.9	15.0	0.0	1.1	0.0	0.0	1.7	27.5	29.5	0.0	4.3	0.0	1.3	12.0	2.5	0.2	2.9	15.0	

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.		2018/19	Prel. 2019/20	2020/21 Proj.		2018/19	Prel. 2019/20	2020/21 Proj.		From last month		From last year	
			Dec	Jan			Dec	Jan			Dec	Jan	MMT	Percent	MMT	Percent
World	215.45	216.94	222.72	221.97	3.39	3.52	3.47	3.48	730.90	763.91	773.66	772.64	-1.02	-0.13	8.74	1.14
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	201.81	207.85	207.10	3.41	3.52	3.48	3.49	679.59	711.32	723.97	722.95	-1.02	-0.14	11.63	1.63
European Union - 28	25.52	26.12	24.61	24.61	5.35	5.91	5.52	5.52	136.58	154.51	135.80	135.80	0.00	0.00	-18.71	-12.11
China	24.27	23.73	24.00	23.38	5.42	5.63	5.67	5.74	131.43	133.59	136.00	134.25	-1.75	-1.29	0.66	0.49
South Asia																
India	29.65	29.32	31.45	31.45	3.37	3.53	3.42	3.42	99.87	103.60	107.59	107.59	0.00	0.00	3.99	3.85
Pakistan	8.80	8.80	9.13	9.13	2.85	2.76	2.81	2.81	25.10	24.30	25.70	25.70	0.00	0.00	1.40	5.76
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	28.60	28.60	2.72	2.70	2.94	2.98	71.69	73.61	84.00	85.30	1.30	1.55	11.69	15.88
Russia Winter	14.91	15.41	16.35	16.35	3.52	3.41	3.59	3.66	52.47	52.54	58.75	59.80	1.05	1.79	7.26	13.82
Russia Spring	11.44	11.91	12.25	12.25	1.68	1.77	2.06	2.08	19.22	21.07	25.25	25.50	0.25	0.99	4.43	21.02
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	11.80	11.80	1.23	1.01	1.06	1.06	13.95	11.45	12.50	12.50	0.00	0.00	1.05	9.15
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	6.40	6.30	3.22	2.94	2.81	2.78	19.50	19.76	18.00	17.50	-0.50	-2.78	-2.26	-11.44
Brazil	2.04	2.04	2.32	2.32	2.66	2.55	2.72	2.72	5.43	5.20	6.30	6.30	0.00	0.00	1.10	21.15
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	2.31	2.31	17.60	15.20	30.00	30.00	0.00	0.00	14.80	97.37
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	2.86	4.24	4.93	5.30	5.30	0.00	0.00	0.38	7.61
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	0.55	5.56	5.54	5.55	5.55	3.00	3.27	3.05	3.05	0.00	0.00	-0.22	-6.73
Serbia	0.65	0.57	0.57	0.57	4.92	4.39	4.74	4.56	3.20	2.50	2.70	2.60	-0.10	-3.70	0.10	4.00
Others	7.13	7.31	7.33	7.31	2.56	2.71	2.74	2.75	18.23	19.84	20.08	20.11	0.03	0.14	0.27	1.36

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 Dec	Proj. Jan	2018/19	Prel. 2019/20	2020/21 Dec	Proj. Jan	2018/19	Prel. 2019/20	2020/21 Dec	Proj. Jan	From last month MMT	Percent	From last year MMT	Percent
World	331.10	333.94	338.55	337.80	4.22	4.23	4.28	4.26	1,398.00	1,411.40	1,447.82	1,438.49	-9.33	-0.64	27.09	1.92
United States	36.20	36.17	36.82	36.84	10.44	9.94	10.39	10.17	377.91	359.43	382.75	374.57	-8.18	-2.14	15.13	4.21
Total Foreign	294.90	297.77	301.73	300.96	3.46	3.53	3.53	3.54	1,020.09	1,051.97	1,065.07	1,063.92	-1.15	-0.11	11.96	1.14
China	44.29	43.72	44.42	43.68	5.96	6.14	6.02	6.14	263.96	268.20	267.38	268.05	0.67	0.25	-0.16	-0.06
European Union	29.24	30.17	30.97	30.95	5.07	5.37	5.24	5.23	148.26	161.98	162.19	161.81	-0.38	-0.23	-0.17	-0.11
South America																
Brazil	18.72	19.77	20.78	20.78	5.57	5.34	5.46	5.41	104.33	105.57	113.41	112.41	-1.00	-0.88	6.83	6.47
Argentina	8.22	8.43	8.04	8.11	7.20	6.90	7.02	6.81	59.22	58.13	56.43	55.19	-1.24	-2.20	-2.93	-5.04
Former Soviet Union - 12																
Russia	14.03	14.51	14.35	14.38	2.50	2.79	2.85	2.89	35.00	40.50	40.93	41.48	0.55	1.34	0.98	2.42
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	3.16	3.16	1.76	1.47	1.61	1.61	5.23	5.06	5.10	5.10	0.00	0.00	0.04	0.71
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	3.23	3.23	4.43	5.27	5.16	5.16	12.42	16.50	16.66	16.66	0.00	0.00	0.16	0.98
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	23.99	22.90	22.80	1.94	1.98	1.98	2.00	43.21	47.42	45.34	45.54	0.20	0.44	-1.89	-3.98
Southeast Asia																
Indonesia	3.70	3.80	3.70	3.70	3.24	3.16	3.24	3.24	12.00	12.00	12.00	12.00	0.00	0.00	0.00	0.00
Philippines	2.48	2.51	2.60	2.60	3.07	3.20	3.15	3.15	7.61	8.03	8.20	8.20	0.00	0.00	0.17	2.12
Vietnam	1.03	0.99	0.97	0.97	4.72	4.80	4.68	4.68	4.87	4.76	4.54	4.54	0.00	0.00	-0.22	-4.56
Thailand	1.32	1.24	1.28	1.28	4.27	3.66	4.35	4.35	5.65	4.55	5.55	5.55	0.00	0.00	1.00	21.98
Mexico	8.95	8.35	9.05	9.05	3.73	3.82	3.71	3.71	33.40	31.91	33.59	33.59	0.00	0.00	1.68	5.27
Canada	5.00	5.54	5.72	5.72	5.24	5.16	5.16	5.16	26.20	28.61	29.51	29.51	0.00	0.00	0.90	3.16
Australia	6.06	5.01	6.07	6.07	1.90	2.08	2.43	2.43	11.51	10.44	14.76	14.76	0.00	0.00	4.32	41.40
Middle East																
Turkey	4.34	4.53	4.63	4.63	3.05	3.19	3.38	3.38	13.25	14.45	15.66	15.66	0.00	0.00	1.21	8.37
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	74.00	72.47	73.45	73.44	1.62	1.61	1.67	1.67	119.68	116.48	122.44	122.49	0.06	0.04	6.01	5.16

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.		2018/19	Prel. 2019/20	2020/21 Proj.		2018/19	Prel. 2019/20	2020/21 Proj.		From last month		From last year	
			Dec	Jan			Dec	Jan			Dec	Jan	MMT	Percent	MMT	Percent
World	192.08	193.29	196.98	196.39	5.85	5.78	5.81	5.77	1,123.77	1,116.41	1,143.56	1,133.89	-9.67	-0.85	17.47	1.57
United States	32.89	32.92	33.40	33.37	11.07	10.51	11.03	10.79	364.26	345.96	368.49	360.25	-8.24	-2.24	14.29	4.13
Total Foreign	159.19	160.37	163.58	163.02	4.77	4.80	4.74	4.75	759.51	770.45	775.07	773.64	-1.43	-0.18	3.18	0.41
China	42.13	41.28	42.00	41.26	6.10	6.32	6.19	6.32	257.17	260.78	260.00	260.67	0.67	0.26	-0.11	-0.04
South America																
Brazil	17.50	18.50	19.50	19.50	5.77	5.51	5.64	5.59	101.00	102.00	110.00	109.00	-1.00	-0.91	7.00	6.86
Argentina	6.10	6.30	6.10	6.10	8.36	8.10	8.03	7.79	51.00	51.00	49.00	47.50	-1.50	-3.06	-3.50	-6.86
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	8.89	9.00	8.98	7.77	7.51	7.08	7.08	64.38	66.72	63.70	63.60	-0.10	-0.16	-3.12	-4.67
Africa																
South Africa	2.60	2.91	3.00	3.00	4.55	5.50	5.33	5.33	11.82	16.00	16.00	16.00	0.00	0.00	0.00	0.00
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	2.75	2.75	4.81	5.70	5.09	5.09	11.42	14.28	14.00	14.00	0.00	0.00	-0.28	-1.93
South Asia																
India	9.03	9.72	9.20	9.40	3.07	2.95	3.04	3.03	27.72	28.64	28.00	28.50	0.50	1.79	-0.14	-0.47
Pakistan	1.32	1.33	1.39	1.39	4.62	5.19	5.05	5.05	6.10	6.90	7.00	7.00	0.00	0.00	0.10	1.45
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	3.70	3.24	3.16	3.24	3.24	12.00	12.00	12.00	12.00	0.00	0.00	0.00	0.00
Philippines	2.48	2.51	2.60	2.60	3.07	3.20	3.15	3.15	7.61	8.03	8.20	8.20	0.00	0.00	0.17	2.12
Vietnam	1.03	0.99	0.97	0.97	4.72	4.80	4.68	4.68	4.87	4.76	4.54	4.54	0.00	0.00	-0.22	-4.56
Thailand	1.30	1.22	1.25	1.25	4.32	3.70	4.40	4.40	5.60	4.50	5.50	5.50	0.00	0.00	1.00	22.22
Mexico	7.20	6.62	7.30	7.30	3.83	4.00	3.84	3.84	27.60	26.50	28.00	28.00	0.00	0.00	1.50	5.66
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	11.29	11.29	5.70	6.00	7.00	7.00	0.00	0.00	1.00	16.67
Others	24.68	24.29	24.41	24.40	2.70	2.69	2.76	2.76	66.59	65.37	67.47	67.47	0.00	0.00	2.10	3.22

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. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	From last month MMT	Percent	From last year MMT	Percent
World	48.84	51.83	51.48	51.54	2.85	3.02	3.05	3.05	139.42	156.58	157.18	157.19	0.01	0.00	0.60	0.39
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	50.93	50.61	50.68	2.83	3.00	3.03	3.03	136.08	152.83	153.58	153.59	0.01	0.00	0.76	0.50
European Union	12.32	12.37	12.78	12.78	4.55	5.11	4.96	4.94	55.98	63.22	63.40	63.10	-0.30	-0.47	-0.12	-0.19
Former Soviet Union - 12																
Russia	7.78	8.40	8.00	8.00	2.15	2.37	2.58	2.58	16.74	19.94	20.60	20.60	0.00	0.00	0.66	3.32
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	2.70	2.70	1.58	1.29	1.41	1.41	3.97	3.83	3.80	3.80	0.00	0.00	-0.03	-0.78
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	2.50	2.50	8.82	9.00	11.00	11.00	0.00	0.00	2.00	22.22
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	3.57	3.57	0.42	0.35	0.50	0.50	0.00	0.00	0.16	44.93
South America																
Argentina	1.20	1.12	0.85	0.92	4.22	3.39	4.06	4.04	5.06	3.80	3.45	3.70	0.25	7.25	-0.10	-2.63
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	0.60	0.60	2.69	2.84	2.80	2.80	1.78	1.63	1.69	1.69	0.00	0.00	0.05	3.31
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	0.36	2.82	2.81	2.80	2.80	1.00	1.01	1.00	1.00	0.00	0.00	-0.01	-0.99
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	1.81	1.81	1.82	2.26	2.41	2.42	2.45	4.09	4.37	4.39	4.44	0.06	1.25	0.08	1.79

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. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	From last month MMT	Percent	From last year MMT	Percent
World	9.99	9.58	9.94	10.00	2.23	2.40	2.55	2.55	22.25	23.01	25.33	25.46	0.13	0.51	2.45	10.65
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	9.53	9.59	2.22	2.41	2.56	2.56	21.43	22.23	24.38	24.51	0.13	0.53	2.27	10.23
European Union	2.73	2.55	2.76	2.77	2.86	3.16	3.38	3.38	7.79	8.08	9.32	9.34	0.02	0.21	1.26	15.61
Former Soviet Union - 12																
Russia	2.73	2.43	2.25	2.30	1.73	1.82	1.78	1.78	4.72	4.42	4.00	4.10	0.10	2.50	-0.32	-7.24
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	1.33	1.33	0.34	0.27	0.30	0.30	0.00	0.00	0.03	12.36
Canada	1.01	1.17	1.25	1.25	3.42	3.62	3.62	3.62	3.44	4.23	4.50	4.50	0.00	0.00	0.28	6.53
South America																
Argentina	0.24	0.32	0.29	0.29	2.40	1.86	2.25	2.24	0.57	0.60	0.64	0.65	0.01	1.56	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	0.01	0.02	0.02	2.04	1.86	2.00	2.00	0.05	0.03	0.04	0.04	0.00	0.00	0.01	53.85
Oceania																
Australia	0.94	0.70	0.93	0.93	1.21	1.23	1.72	1.72	1.14	0.86	1.60	1.60	0.00	0.00	0.74	86.05
New Zealand	0.01	0.01	0.01	0.01	5.00	5.50	5.50	5.50	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
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	0.02	1.65	0.76	1.50	1.50	0.03	0.02	0.03	0.03	0.00	0.00	0.01	87.50
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	0.05	2.06	1.98	2.00	2.00	0.10	0.10	0.09	0.09	0.00	0.00	-0.01	-9.09
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			
	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	From last month MMT	Percent	From last year MMT	Percent
World	3.74	4.03	4.20	4.23	2.67	3.03	3.24	3.36	10.00	12.22	13.62	14.19	0.58	4.22	1.98	16.19
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	4.07	4.09	2.70	3.06	3.28	3.40	9.79	11.95	13.33	13.90	0.58	4.31	1.96	16.37
European Union	1.92	2.21	2.25	2.25	3.23	3.79	4.09	4.09	6.21	8.39	9.18	9.18	0.00	0.00	0.78	9.33
Former Soviet Union - 12																
Russia	0.96	0.82	0.95	0.98	2.00	1.73	1.89	2.44	1.91	1.42	1.80	2.38	0.58	31.94	0.95	66.78
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	1.00	1.00	0.02	0.02	0.02	0.02	0.00	0.00	0.00	-13.04
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	2.95	2.95	0.24	0.33	0.43	0.43	0.00	0.00	0.10	29.43
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. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	From last month MMT	Percent	From last year MMT	Percent
World	40.74	39.78	41.24	40.98	1.45	1.46	1.50	1.50	59.24	57.96	61.87	61.62	-0.24	-0.39	3.66	6.31
United States	2.05	1.89	2.02	2.06	4.53	4.58	4.66	4.59	9.27	8.67	9.42	9.47	0.06	0.59	0.80	9.24
Total Foreign	38.70	37.89	39.21	38.91	1.29	1.30	1.34	1.34	49.97	49.29	52.45	52.15	-0.30	-0.57	2.86	5.80
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	0.05	0.05	0.05	2.70	2.96	2.50	2.50	0.14	0.13	0.13	0.13	0.00	0.00	-0.01	-6.02
Mexico	1.35	1.32	1.35	1.35	3.48	3.26	3.33	3.33	4.70	4.30	4.50	4.50	0.00	0.00	0.20	4.65
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	4.71	4.50	4.20	0.85	1.00	0.92	0.92	3.48	4.73	4.15	3.85	-0.30	-7.23	-0.88	-18.66
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	0.60	0.60	2.11	2.00	2.83	2.83	1.16	0.30	1.70	1.70	0.00	0.00	1.40	466.67
European Union	0.13	0.16	0.20	0.20	5.70	5.33	5.10	5.10	0.75	0.87	1.02	1.02	0.00	0.00	0.15	17.38
Others	5.64	5.37	5.55	5.55	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 Dec	Proj. Jan	2018/19	Prel. 2019/20	2020/21 Dec	Proj. Jan	2018/19	Prel. 2019/20	2020/21 Dec	Proj. Jan	From last month MMT	Percent	From last year MMT	Percent
World	162.48	160.39	162.43	162.85	4.57	4.62	4.61	4.61	497.32	496.40	501.20	503.17	1.97	0.39	6.77	1.36
United States	1.18	1.00	1.21	1.21	8.62	8.38	8.48	8.54	7.11	5.88	7.18	7.23	0.05	0.64	1.35	22.95
Total Foreign	161.31	159.39	161.22	161.64	4.54	4.60	4.58	4.58	490.21	490.52	494.02	495.94	1.92	0.39	5.42	1.11
East Asia																
China	30.19	29.69	29.80	30.08	7.03	7.06	7.05	7.04	148.49	146.73	147.00	148.30	1.30	0.88	1.57	1.07
Japan	1.55	1.54	1.54	1.54	6.79	6.78	6.82	6.82	7.66	7.61	7.62	7.62	0.00	0.00	0.01	0.12
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	43.78	44.50	44.50	3.96	4.06	4.05	4.05	116.48	118.43	120.00	120.00	0.00	0.00	1.57	1.33
Bangladesh	11.77	11.83	11.70	11.70	4.45	4.55	4.53	4.53	34.91	35.85	35.30	35.30	0.00	0.00	-0.55	-1.53
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	0.98	0.98	0.98	0.98	4.72	4.72	4.52	4.52	3.13	3.13	3.04	3.04	0.00	0.00	-0.09	-2.94
Southeast Asia																
Indonesia	11.50	11.20	11.60	11.60	4.68	4.78	4.74	4.74	34.20	34.00	34.90	34.90	0.00	0.00	0.90	2.65
Vietnam	7.54	7.38	7.40	7.39	5.80	5.88	5.84	5.87	27.34	27.10	27.00	27.10	0.10	0.37	0.00	0.00
Thailand	10.83	9.89	10.30	10.30	2.85	2.70	2.74	2.74	20.34	17.66	18.60	18.60	0.00	0.00	0.95	5.35
Burma	7.08	6.90	7.00	7.00	2.91	2.88	2.88	2.88	13.20	12.70	12.90	12.90	0.00	0.00	0.20	1.57
Philippines	4.74	4.64	4.55	4.65	3.93	4.08	4.08	4.10	11.73	11.93	11.70	12.00	0.30	2.56	0.07	0.61
Cambodia	3.24	3.26	3.24	3.30	2.91	2.89	2.89	2.90	5.74	5.74	5.71	5.84	0.13	2.28	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	0.41	0.42	0.41	8.12	7.71	8.08	7.74	2.46	2.20	2.35	2.20	-0.15	-6.22	0.00	-0.09
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	3.50	3.50	2.15	2.29	2.29	2.29	4.54	5.04	5.04	5.04	0.00	0.00	0.00	0.00
European Union	0.42	0.42	0.42	0.42	6.80	6.84	6.76	6.76	1.96	1.98	1.98	1.98	0.00	0.00	-0.01	-0.45
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	12.12	12.11	12.40	12.41	2.97	3.02	3.04	3.06	23.75	24.07	24.86	25.10	0.24	0.95	1.03	4.29

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			
	Prel.		2020/21 Proj.		Prel.		2020/21 Proj.		Prel.		2020/21 Proj.		From last month		From last year	
	2018/19	2019/20	Dec	Jan	2018/19	2019/20	Dec	Jan	2018/19	2019/20	Dec	Jan	MMT	Percent	MMT	Percent
World Total	--	--	--	--	--	--	--	--	600.00	576.43	595.68	594.48	-1.20	-0.20	18.05	3.13
Total Foreign	--	--	--	--	--	--	--	--	469.28	469.45	472.01	472.06	0.05	0.01	2.61	0.56
Oilseed, Copra	--	--	--	--	--	--	--	--	5.98	5.86	5.75	5.75	0.00	0.00	-0.11	-1.89
Oilseed, Palm Kernel	--	--	--	--	--	--	--	--	19.52	19.42	19.96	19.93	-0.03	-0.15	0.51	2.65
Major OilSeeds	247.71	244.76	248.12	248.65	2.32	2.25	2.30	2.29	574.50	551.15	569.97	568.80	-1.17	-0.21	17.64	3.20
United States	41.33	36.87	39.00	38.89	3.16	2.90	3.17	3.15	130.72	106.98	123.67	122.42	-1.25	-1.01	15.44	14.43
Foreign Oilseeds	206.39	207.89	209.13	209.76	2.15	2.14	2.13	2.13	443.78	444.17	446.30	446.38	0.08	0.02	2.20	0.50
South America	63.20	64.04	65.75	65.73	3.17	3.13	3.17	3.14	200.36	200.23	208.50	206.29	-2.21	-1.06	6.06	3.03
Brazil	37.75	38.77	40.36	40.36	3.30	3.38	3.41	3.41	124.49	131.20	137.60	137.60	0.00	0.00	6.40	4.88
Argentina	19.16	19.03	18.89	18.90	3.18	2.82	2.89	2.78	60.83	53.65	54.63	52.62	-2.01	-3.69	-1.03	-1.93
Paraguay	3.62	3.61	3.73	3.73	2.38	2.77	2.78	2.78	8.60	10.01	10.38	10.38	0.00	0.00	0.37	3.68
Bolivia	1.51	1.51	1.54	1.54	2.07	1.93	1.97	1.97	3.13	2.92	3.03	3.03	0.00	0.00	0.11	3.73
Uruguay	1.02	0.98	1.09	1.07	2.86	2.14	2.31	2.17	2.92	2.09	2.51	2.31	-0.20	-7.97	0.22	10.53
China	24.01	25.22	25.05	25.62	2.50	2.50	2.49	2.51	59.95	63.03	62.28	64.38	2.10	3.37	1.34	2.13
South Asia	39.09	41.28	42.11	41.91	1.00	0.96	0.97	0.96	39.00	39.70	40.67	40.39	-0.29	-0.70	0.68	1.72
India	35.93	37.82	38.85	38.65	0.97	0.95	0.97	0.97	34.74	35.92	37.56	37.36	-0.20	-0.53	1.44	4.01
Pakistan	2.80	3.09	2.90	2.90	1.36	1.08	0.92	0.89	3.81	3.33	2.66	2.58	-0.09	-3.23	-0.76	-22.77
European Union	12.24	11.13	11.04	11.05	2.68	2.67	2.65	2.65	32.78	29.78	29.29	29.24	-0.05	-0.17	-0.54	-1.81
Former Soviet Union - 12	25.62	26.10	25.30	25.60	1.80	1.96	1.74	1.74	46.11	51.13	43.97	44.47	0.50	1.14	-6.65	-13.01
Russia	12.18	12.56	12.30	12.60	1.54	1.73	1.61	1.61	18.73	21.70	19.80	20.30	0.50	2.53	-1.40	-6.47
Ukraine	9.38	9.70	9.40	9.40	2.42	2.52	2.09	2.09	22.68	24.46	19.60	19.60	0.00	0.00	-4.86	-19.88
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	21.64	21.30	20.74	20.72	1.04	0.98	1.01	1.01	22.56	20.81	20.87	20.83	-0.03	-0.15	0.03	0.13
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	1.34	1.34	1.51	1.71	1.64	1.64	1.97	2.17	2.19	2.19	0.00	0.00	0.02	1.01
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	1.61	1.63	3.07	2.57	4.40	4.43	0.03	0.68	1.86	72.35
Turkey	1.33	1.39	1.17	1.17	2.53	2.31	2.43	2.45	3.36	3.22	2.83	2.87	0.03	1.16	-0.35	-10.94
Others	1.72	1.65	1.62	1.61	2.22	2.18	2.20	2.22	3.80	3.58	3.56	3.56	0.00	0.00	-0.02	-0.59

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.		2018/19	Prel. 2019/20	2020/21 Proj.		2018/19	Prel. 2019/20	2020/21 Proj.		From last month		From last year	
			Dec	Jan			Dec	Jan			Dec	Jan	MMT	Percent	MMT	Percent
World	124.96	122.44	126.88	127.44	2.89	2.75	2.85	2.83	361.04	336.47	362.05	361.00	-1.05	-0.29	24.53	7.29
United States	35.45	30.33	33.30	33.31	3.40	3.19	3.41	3.38	120.52	96.67	113.50	112.55	-0.95	-0.83	15.88	16.43
Total Foreign	89.51	92.12	93.58	94.13	2.69	2.60	2.66	2.64	240.52	239.81	248.56	248.46	-0.10	-0.04	8.65	3.61
South America																
Brazil	35.90	36.90	38.60	38.60	3.33	3.41	3.45	3.45	119.70	126.00	133.00	133.00	0.00	0.00	7.00	5.56
Argentina	16.60	16.70	16.70	16.70	3.33	2.92	2.99	2.87	55.30	48.80	50.00	48.00	-2.00	-4.00	-0.80	-1.64
Paraguay	3.54	3.54	3.65	3.65	2.40	2.80	2.81	2.81	8.51	9.90	10.25	10.25	0.00	0.00	0.35	3.54
Bolivia	1.40	1.40	1.43	1.43	2.14	2.00	2.03	2.03	2.99	2.80	2.90	2.90	0.00	0.00	0.10	3.57
Uruguay	0.97	0.92	1.02	1.00	2.93	2.17	2.35	2.20	2.83	1.99	2.40	2.20	-0.20	-8.33	0.21	10.55
East Asia																
China	8.41	9.30	9.30	9.87	1.90	1.95	1.88	1.99	15.97	18.10	17.50	19.60	2.10	12.00	1.50	8.29
Korea, South	0.05	0.06	0.06	0.06	1.75	1.81	1.80	1.80	0.09	0.11	0.11	0.11	0.00	0.00	0.00	2.86
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	12.00	12.20	12.20	0.98	0.78	0.86	0.86	10.93	9.30	10.50	10.50	0.00	0.00	1.20	12.90
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	2.70	2.70	1.47	1.57	1.59	1.59	4.03	4.36	4.30	4.30	0.00	0.00	-0.06	-1.35
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	0.92	0.93	0.93	2.91	2.85	2.92	2.92	2.67	2.62	2.70	2.70	0.00	0.00	0.09	3.25
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	1.59	0.34	0.24	0.26	0.26	0.00	0.00	0.02	8.51
Africa																
South Africa	0.73	0.71	0.79	0.79	1.60	1.79	1.82	1.82	1.17	1.26	1.43	1.43	0.00	0.00	0.17	13.10
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	0.33	0.34	0.34	2.01	1.89	1.89	1.89	0.64	0.63	0.64	0.64	0.00	0.00	0.01	2.24

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. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	From last month MMT	Percent	From last year MMT	Percent
World	32.68	34.15	31.84	31.70	1.32	1.30	1.31	1.31	43.11	44.42	41.80	41.50	-0.30	-0.71	-2.92	-6.56
United States	4.04	4.70	3.64	3.52	1.26	1.15	1.22	1.18	5.11	5.39	4.43	4.16	-0.27	-6.14	-1.23	-22.84
Total Foreign	28.64	29.45	28.20	28.18	1.33	1.32	1.33	1.33	38.00	39.03	37.37	37.34	-0.02	-0.06	-1.68	-4.31
South Asia																
India	12.60	13.30	13.40	13.40	0.87	0.94	0.93	0.93	10.95	12.52	12.52	12.52	0.00	0.00	0.00	0.00
Pakistan	2.30	2.45	2.20	2.20	1.43	1.10	0.89	0.85	3.29	2.69	1.95	1.86	-0.09	-4.41	-0.82	-30.64
China	3.50	3.45	3.25	3.25	3.11	3.10	3.32	3.32	10.88	10.68	10.78	10.78	0.00	0.00	0.10	0.92
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	0.60	0.65	0.66	0.65	0.65	0.36	0.36	0.39	0.39	0.00	0.00	0.03	8.61
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	1.55	1.55	2.59	2.75	2.57	2.57	4.25	4.58	3.98	3.98	0.00	0.00	-0.59	-12.92
Argentina	0.34	0.42	0.45	0.45	0.73	0.68	0.67	0.63	0.25	0.28	0.30	0.28	-0.02	-5.96	0.00	0.71
Middle East																
Turkey	0.52	0.57	0.35	0.35	2.35	1.98	2.61	2.71	1.22	1.13	0.91	0.95	0.03	3.61	-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	2.62	2.73	0.66	0.19	0.72	0.75	0.03	4.16	0.56	301.60
European Union	0.31	0.35	0.32	0.33	1.74	1.82	1.51	1.61	0.55	0.64	0.49	0.54	0.05	10.04	-0.10	-15.96
Africa																
Burkina	0.63	0.58	0.55	0.55	0.37	0.42	0.45	0.45	0.24	0.24	0.25	0.25	0.00	0.00	0.01	2.06
Mali	0.73	0.74	0.20	0.17	0.50	0.52	0.57	0.49	0.36	0.38	0.11	0.08	-0.03	-28.32	-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	0.44	0.64	0.66	0.63	0.63	0.25	0.27	0.27	0.27	0.00	0.00	0.01	2.24
Benin	0.65	0.67	0.60	0.62	0.71	0.71	0.74	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	0.16	0.15	2.44	2.37	2.24	2.39	0.59	0.53	0.36	0.36	0.00	0.00	-0.18	-32.83
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	0.72	0.72	0.84	0.76	0.78	0.78	0.49	0.59	0.56	0.56	0.00	0.00	-0.03	-5.58

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. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	From last month MMT	Percent	From last year MMT	Percent
World	27.49	26.94	28.14	27.93	1.70	1.71	1.70	1.70	46.81	46.08	47.79	47.36	-0.43	-0.90	1.28	2.78
United States	0.56	0.56	0.66	0.65	4.48	4.41	4.59	4.25	2.49	2.48	3.01	2.78	-0.23	-7.67	0.30	12.18
Total Foreign	26.93	26.38	27.48	27.28	1.65	1.65	1.63	1.63	44.31	43.60	44.78	44.58	-0.20	-0.45	0.98	2.25
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	1.20	1.32	1.28	1.17	1.17	1.50	1.42	1.40	1.40	0.00	0.00	-0.02	-1.41
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	1.84	1.50	1.50	0.03	0.07	0.06	0.06	0.00	0.00	-0.01	-14.29
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	4.88	5.80	5.60	0.99	1.28	1.16	1.16	4.69	6.26	6.70	6.50	-0.20	-2.99	0.25	3.92
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	3.53	4.00	4.00	1.42	1.30	1.40	1.40	0.00	0.00	0.10	7.69
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. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	From last month MMT	Percent	From last year MMT	Percent
World	25.78	26.34	26.55	26.87	1.96	2.09	1.86	1.86	50.56	54.96	49.46	50.04	0.58	1.17	-4.93	-8.97
United States	0.49	0.51	0.66	0.67	1.94	1.75	1.94	2.01	0.96	0.89	1.27	1.35	0.08	6.28	0.47	52.54
Total Foreign	25.29	25.83	25.89	26.19	1.96	2.09	1.86	1.86	49.60	54.08	48.18	48.68	0.50	1.04	-5.39	-9.97
Former Soviet Union - 12																
Russia	7.94	8.36	8.20	8.50	1.60	1.83	1.59	1.59	12.71	15.31	13.00	13.50	0.50	3.85	-1.81	-11.79
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	0.70	0.70	1.00	1.13	1.07	1.07	0.85	0.92	0.75	0.75	0.00	0.00	-0.17	-18.30
European Union	4.02	4.31	4.34	4.34	2.37	2.24	2.12	2.12	9.51	9.64	9.20	9.20	0.00	0.00	-0.44	-4.59
South America																
Argentina	1.88	1.53	1.38	1.38	2.04	2.11	2.10	2.10	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	1.70	1.70	1.70	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00
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	0.24	0.25	0.25	0.65	0.58	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	1.57	1.33	1.33	0.68	0.79	0.64	0.64	0.00	0.00	-0.15	-18.47
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	0.60	0.59	0.64	0.64	2.49	2.52	2.36	2.36	1.50	1.49	1.51	1.51	0.00	0.00	0.02	1.34

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	Dec	Jan	2018/19	2019/20	Dec	Jan	2018/19	2019/20	Dec	Jan	MMT	Percent	MMT	Percent
World	36.81	34.88	34.72	34.71	1.98	1.98	1.98	1.98	72.99	69.22	68.87	68.90	0.03	0.04	-0.33	-0.47
United States	0.79	0.78	0.74	0.73	2.09	2.00	1.97	2.16	1.64	1.55	1.46	1.58	0.12	8.32	0.02	1.48
Total Foreign	36.02	34.10	33.98	33.98	1.98	1.98	1.98	1.98	71.34	67.67	67.42	67.32	-0.10	-0.14	-0.35	-0.52
European Union	7.00	5.55	5.45	5.45	2.87	3.04	3.10	3.08	20.06	16.88	16.90	16.80	-0.10	-0.59	-0.08	-0.47
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	7.20	7.20	1.11	1.04	1.06	1.06	8.00	7.70	7.65	7.65	0.00	0.00	-0.05	-0.65
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	1.40	1.40	1.33	1.44	1.79	1.79	1.99	2.04	2.50	2.50	0.00	0.00	0.46	22.55
Ukraine	1.00	1.34	1.10	1.10	2.85	2.59	2.27	2.27	2.85	3.47	2.50	2.50	0.00	0.00	-0.97	-27.85
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	1.04	1.04	0.39	0.24	0.13	0.13	0.00	0.00	-0.12	-48.13
Australia	2.12	1.80	2.40	2.40	1.12	1.29	1.50	1.50	2.37	2.33	3.60	3.60	0.00	0.00	1.27	54.51
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	0.03	0.04	0.04	1.20	1.87	1.88	1.88	0.04	0.06	0.08	0.08	0.00	0.00	0.02	33.93
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	0.18	0.17	0.16	0.16	2.14	2.14	2.24	2.24	0.38	0.36	0.36	0.36	0.00	1.12	0.00	0.28

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	Dec	Jan	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	5.98	5.86	5.75	5.75	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	5.00	5.00	0.00	0.00	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	0.32	0.30	0.35	0.32	-0.03	-8.57	0.02	6.67
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	19.52	19.42	19.96	19.93	-0.03	-0.15	0.51	2.63
Oil, Palm								
Indonesia	41.50	42.50	43.50	43.50	0.00	0.00	1.00	2.35
Malaysia	20.80	19.26	19.90	19.90	0.00	0.00	0.64	3.32
Thailand	3.00	2.80	3.10	3.10	0.00	0.00	0.30	10.71
Colombia	1.58	1.51	1.67	1.60	-0.07	-4.19	0.09	5.96
Nigeria	1.13	1.22	1.28	1.28	0.00	0.00	0.06	4.92
Guatemala	0.85	0.85	0.85	0.85	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
Ecuador	0.56	0.55	0.62	0.62	0.00	0.00	0.07	12.73
Brazil	0.53	0.54	0.54	0.54	0.00	0.00	0.00	0.00
World	74.05	73.23	75.45	75.46	0.01	0.01	2.23	3.05

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. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	2018/19	Prel. 2019/20	2020/21 Proj. Dec	2020/21 Proj. Jan	From last month MBales	Percent	From last year MBales	Percent
World	33.35	34.83	32.51	32.37	774	764	763	759	118.58	122.14	113.90	112.87	-1.04	-0.91	-9.27	-7.59
United States	4.04	4.70	3.64	3.52	989	922	953	925	18.37	19.91	15.95	14.95	-1.00	-6.24	-4.96	-24.91
Total Foreign	29.31	30.13	28.87	28.85	744	739	739	739	100.21	102.22	97.95	97.91	-0.04	-0.04	-4.31	-4.22
South Asia																
India	12.60	13.30	13.40	13.40	446	483	479	479	25.80	29.50	29.50	29.50	0.00	0.00	0.00	0.00
Pakistan	2.30	2.45	2.20	2.20	719	551	445	426	7.60	6.20	4.50	4.30	-0.20	-4.44	-1.90	-30.65
China	3.50	3.45	3.25	3.25	1,726	1,720	1,842	1,842	27.75	27.25	27.50	27.50	0.00	0.00	0.25	0.92
South America																
Brazil	1.64	1.67	1.55	1.55	1,726	1,802	1,686	1,686	13.00	13.78	12.00	12.00	0.00	0.00	-1.78	-12.92
Argentina	0.34	0.42	0.45	0.45	728	682	665	629	1.12	1.30	1.38	1.30	-0.08	-5.45	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	0.55	294	330	356	356	0.85	0.88	0.90	0.90	0.00	0.00	0.02	2.27
Mali	0.73	0.74	0.20	0.17	381	400	435	376	1.27	1.35	0.40	0.29	-0.12	-28.75	-1.07	-78.89
Cote d'Ivoire	0.39	0.41	0.44	0.44	520	528	513	513	0.94	0.99	1.03	1.03	0.00	0.00	0.04	3.54
Benin	0.65	0.67	0.60	0.62	469	467	490	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	0.60	364	368	363	363	0.91	0.92	1.00	1.00	0.00	0.00	0.08	8.70
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	1,742	1,804	3.75	3.45	2.80	2.90	0.10	3.57	-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	1,900	1,979	2.20	0.63	2.40	2.50	0.10	4.17	1.88	300.00
Mexico	0.24	0.23	0.16	0.15	1,555	1,519	1,429	1,524	1.74	1.57	1.05	1.05	0.00	0.00	-0.52	-33.12
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	1.75	2.00	1.92	1.93	570	565	534	548	4.58	5.19	4.70	4.85	0.15	3.19	-0.35	-6.66

World and Selected Countries and Regions

TABLE 18

The table below presents a record of the January 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 0.7 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 1.1 percent. The average difference between the January projection and the final estimate is 3.0 million tons, ranging from 0.0 million to 8.3 million tons. The January projection has been below the estimate 29 times and above 9 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>	Percent		---Million metric tons---					
	World	0.7	1.1	3.0	0.0	8.3	29	9
	U.S.	0.2	0.3	0.1	0.0	0.3	16	11
	Foreign	0.8	1.3	3.0	0.1	8.3	28	10
<i>COARSE GRAINS 2/</i>	World	1.4	2.3	11.6	0.0	37.7	28	10
	U.S.	0.4	0.7	0.3	0.0	4.6	17	8
	Foreign	1.9	3.2	11.5	0.0	37.6	27	11
<i>RICE (Milled)</i>	World	1.6	2.8	4.8	0.0	13.9	31	6
	U.S.	1.6	2.8	0.1	0.0	0.3	13	7
	Foreign	1.7	2.8	4.8	0.1	13.9	32	6
<i>SOYBEANS</i>	World	3.4	5.8	5.0	0.0	22.4	21	17
	U.S.	1.4	2.3	0.6	0.0	2.5	16	17
	Foreign	5.7	9.7	5.1	0.2	22.6	21	17
<i>COTTON</i>	---Million 480-lb. bales---							
	World	2.6	4.4	2.0	0.0	5.4	25	12
	U.S.	1.0	1.7	0.1	0.0	0.3	14	23
	Foreign	3.1	5.3	2.0	0.0	5.7	27	10
UNITED STATES	-----Million bushels-----							
	<i>CORN</i>	0.4	0.7	12	0	148	4	3
	<i>SORGHUM</i>	1.0	1.7	2	0	53	1	3
	<i>BARLEY</i>	0.8	1.3	1	0	11	17	4
	<i>OATS</i>	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

January 2021

Global Market Analysis, FAS, USDA