



United States  
Department of  
Agriculture

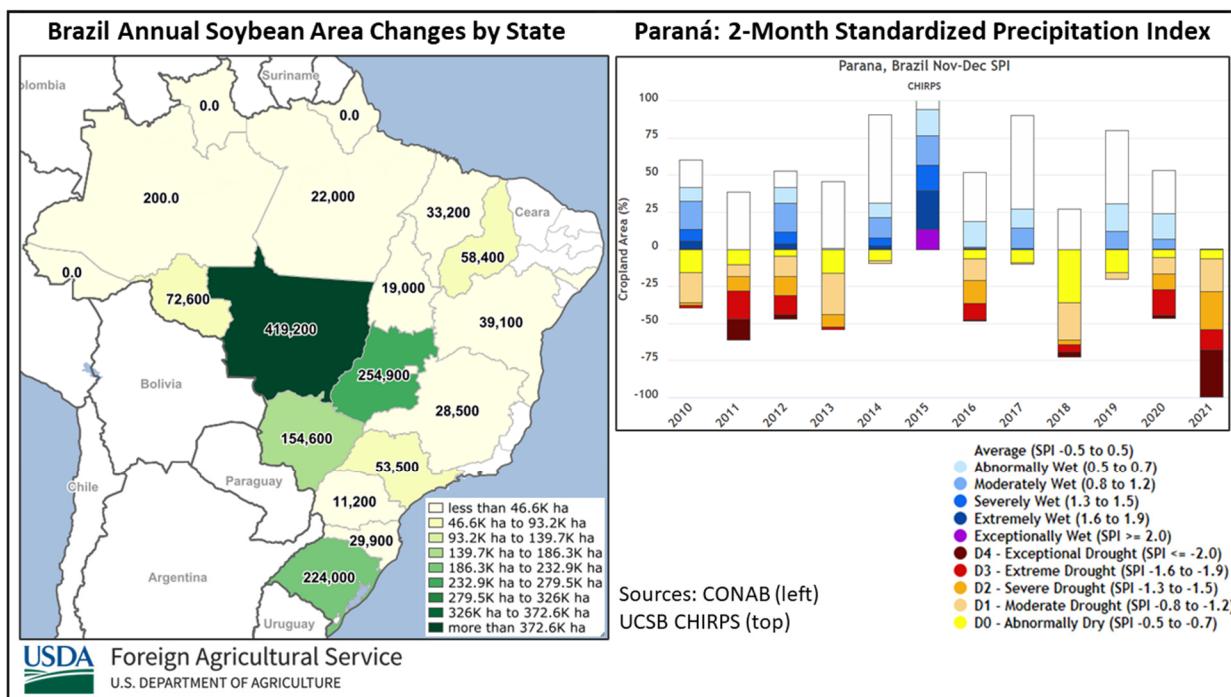
Foreign  
Agricultural  
Service

Circular Series  
WAP 1-22  
January 2022

# World Agricultural Production

## Brazil Soybeans: Production Lowered Due to Drought in the Southern States

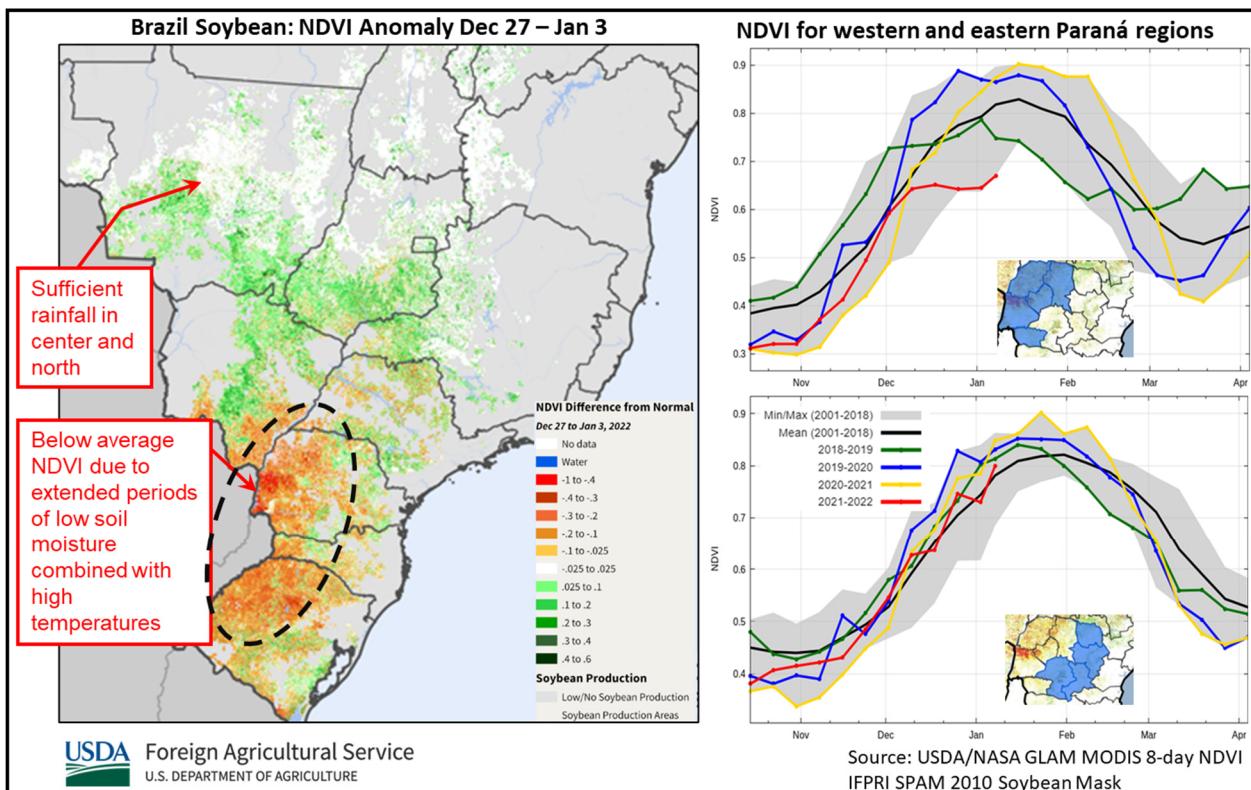
Brazil soybean production for marketing year 2021/22 is estimated at a record 139.0 million metric tons (mmt), down 5.0 mmt (3 percent) from last month, but up 1 mmt (1 percent) from last season's record crop. Harvested area is estimated at a record 40.4 million hectares (mha), up 1.5 mha (4 percent) from last season's record area. Yield is estimated at 3.44 tons per hectare (t/ha), 3 percent below last month and last season. The decrease is attributed to historic dry conditions during November and December during critical reproductive crop stages in the southern state of Paraná.



Rainfall patterns display a clear dichotomy between the center/north and southern regions. The central and northern regions have received excessive rainfall, whereas the south is in the midst of an extended rainfall deficit which is typical during a La Niña. The lack of soil moisture has resulted in a pause in planting in the state of Rio Grande do Sul where 7 percent of the intended area remains to be sown. The 2-month period from November through December was one of the driest in southern Brazil as observed by the Standardized Precipitation Index, with the state of Paraná particularly impacted. More than half of the soybean crop was in critical flowering and grain-fill stages and SEAB-DERAL (*Secretaria de Estado da Agricultura e do Abastecimento*

Approved by the World Agricultural Outlook Board

*Departamento de Economia Rural*) reports significant yield losses of 37 percent in the state. The satellite-derived Normalized Difference Vegetation Index (NDVI) shows extremely poor crop development for western Paraná and below average conditions for eastern Paraná. For the state of Rio Grande do Sul, only about 10 percent of the crop was in flower during December, and January rains could yet prove beneficial.

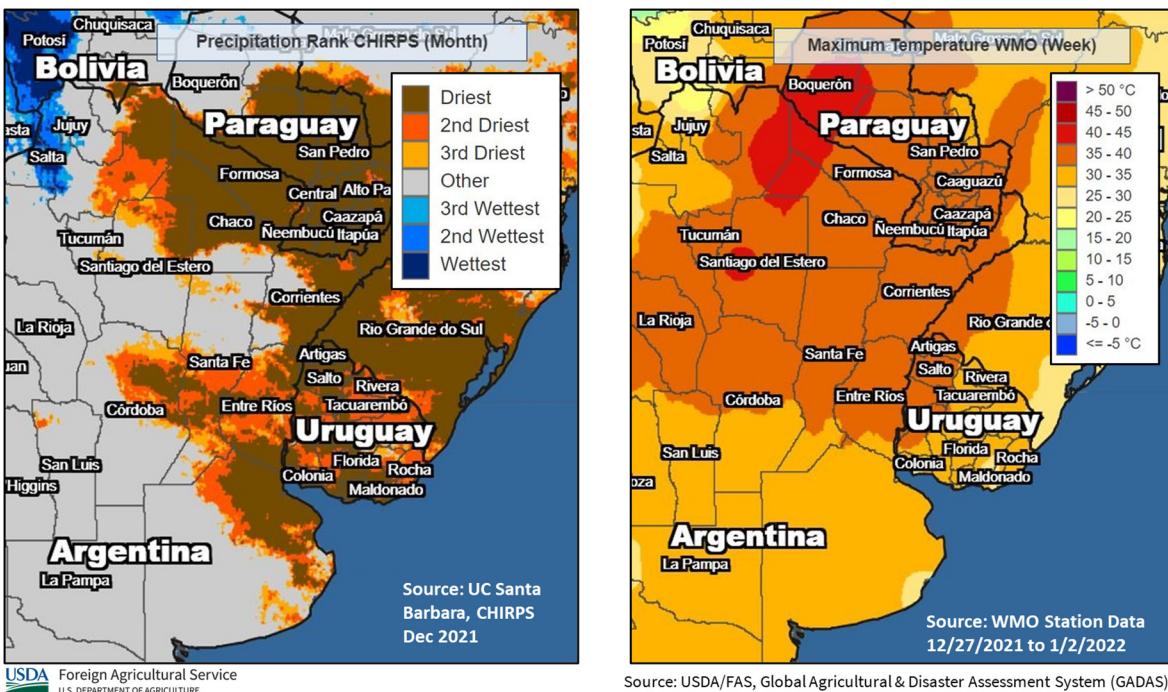


Soybean planted area continues to increase nationally, with the largest acreage gains in the major producing states (Mato Grosso leads with a gain of 420,000 hectares), and significant percent gains in the northeast and Rondônia. Planting began in earnest in early October with progress ahead of the 5-year average, except in the southern states where it was close to the 5-year average. Harvest began in January in Mato Grosso and yield expectations remain excellent in the center-west states. (For more information, please contact [Sunita.Yadav-Pauletti@usda.gov](mailto:Sunita.Yadav-Pauletti@usda.gov).)

### Argentina Soybeans: Insufficient Rain Continues to Limit Yields

USDA forecasts Argentina soybean production for marketing year 2021/22 at 46.5 million metric tons, down 6 percent from last month, but up less than 1 percent from last year. Area is forecast at 16.2 million hectares, down 1 percent from last month and 2 percent from last year. Yield is set at 2.87 tons per hectare, down 5 percent from last month, but up 2 percent from last year.

## Argentina Soybeans Experiencing Hot and Dry Conditions



Soybean yield expectations have decreased with continued hot and dry conditions. Planting is still not finished, but existing, established soybean plants are struggling as periodic showers have been insufficient in December and early January. The eastern planting regions are most affected by the lack of rain. Inadequate soil moisture reserves continue to plague the country, particularly in the core planting areas in Cordoba, Santa Fe, and Entre Rios.

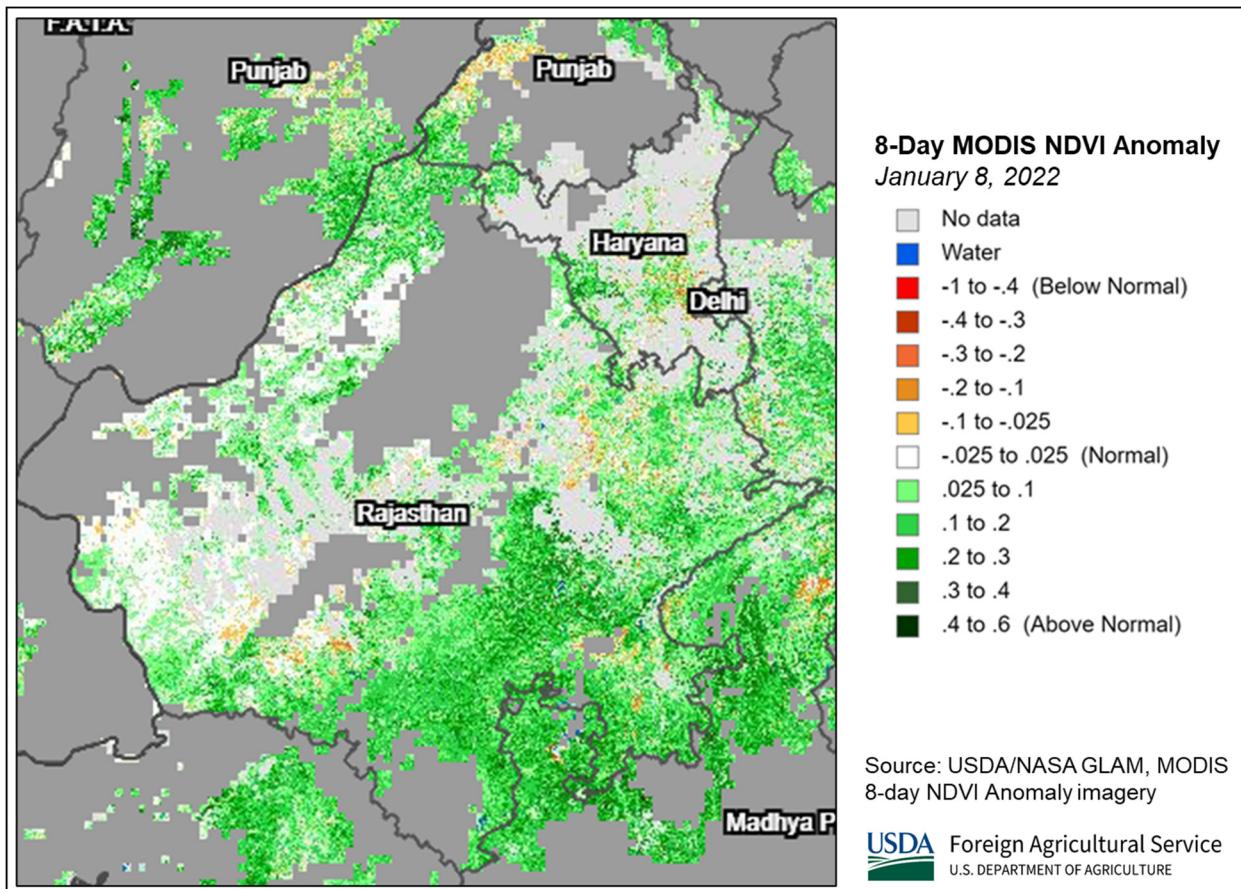
Most of the early planted soybeans are still in the vegetative stage but are about to enter early flowering. Without beneficial rains soon, early soybeans will have limited flowering and branching. Later planted soybeans, and any second crop to be planted, will be compromised in stand counts and plant size. (For more information, please contact [Denise.McWilliams@usda.gov](mailto:Denise.McWilliams@usda.gov).)

## India Rapeseed: Production up 12 Percent from Last Year

USDA forecasts rapeseed production for marketing year 2021/22 at 9.5 million tons, up 7 percent from last month and nearly 12 percent from last year. Area is estimated at 8.3 million hectares, down 2 percent from last month, but up 24 percent from last year. The year-to-year area increase is due to favorable planting conditions and 9 percent higher minimum support prices. Yield is forecast at 1.14 metric tons per hectare, up 10 percent from last month, but down 10 percent from last year.

According to India's Ministry of Agriculture "All India Crop Situation" published December 23, 2021, farmers have planted 8.7 million hectares of rapeseed/mustard, up 21 percent from the same period last year. Planting in Rajasthan, the largest producing province, is up 37 percent from last year.

## India: NDVI Anomaly in Rapeseed Growing Area Shows Strong Crop Vigor



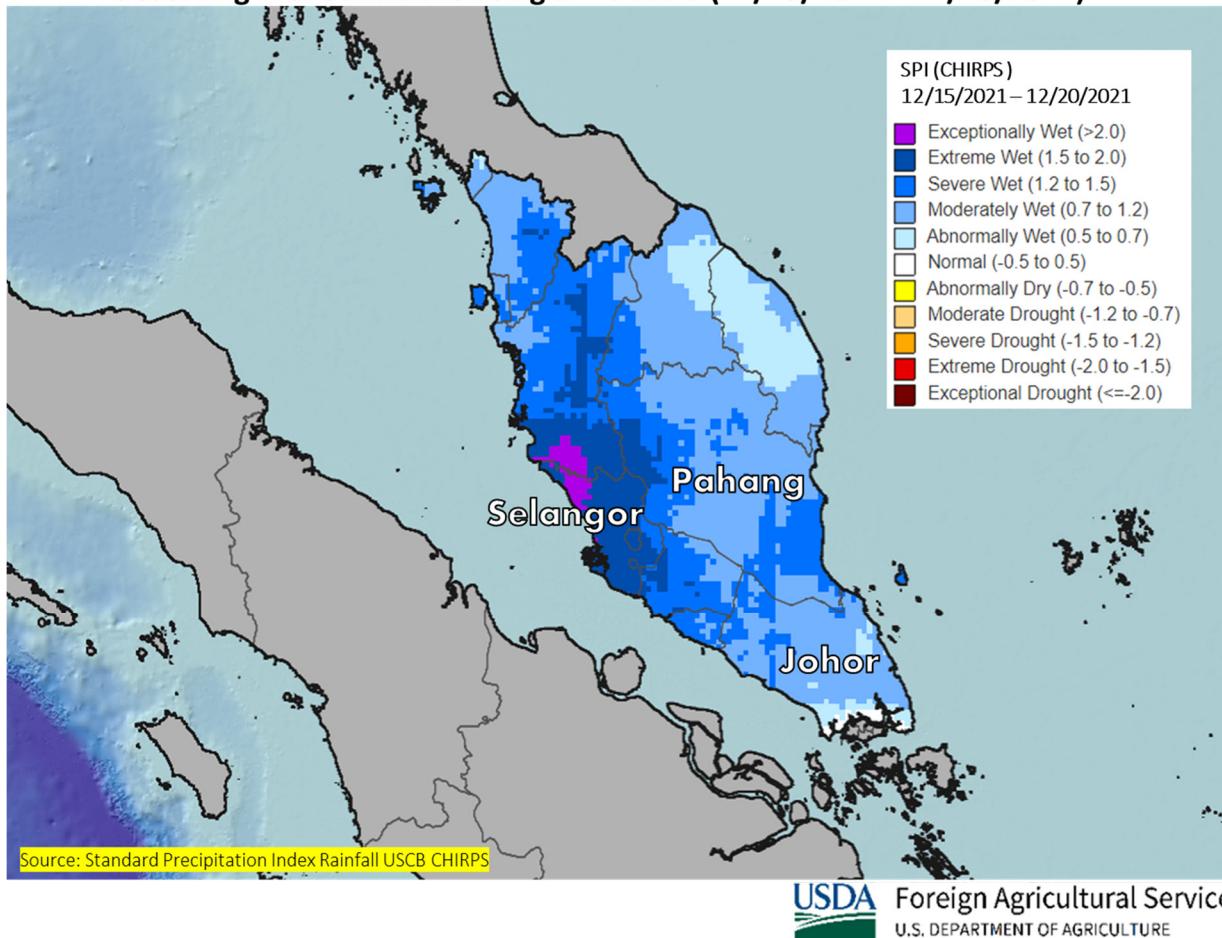
Currently, the rapeseed crop is flowering. The satellite-derived Normalized Difference Vegetation Index (NDVI) Anomaly (December 27-January 3) shows strong crop vigor in Rajasthan. Trade reports have not reported any incidences of pests and disease.

Rapeseed is grown only in the *rabi* season. It is planted in early November through January and harvested in late March. (For more information, please contact [Arnella.Trent@usda.gov](mailto:Arnella.Trent@usda.gov).)

### Malaysia Palm Oil: Adverse Weather Coupled with Continued Labor Shortages Reduces Production Estimate

USDA estimates Malaysia palm oil production for marketing year 2021/22 at 18.7 million metric tons, down 1.0 million tons or 5 percent from last month, but up 0.8 million tons or 5 percent from last year. Area harvested is estimated at 5.5 million hectares, unchanged from last month, but up 1 percent from last year. Yield is estimated at 3.43 tons per hectare, down 5 percent from last month, but up 4 percent from last year.

### Observing Wet Conditions using SPI CHIRPS (12/15/2021 – 12/20/2021)

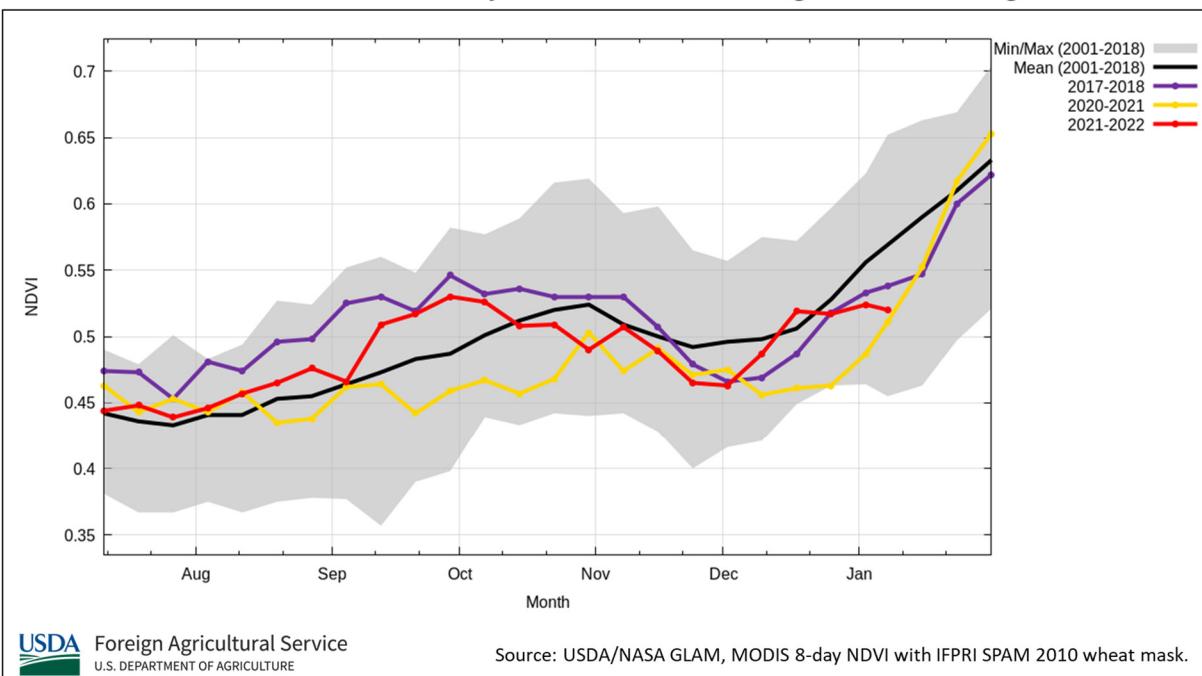


Palm oil estimated production was reduced month-to-month due to torrential rainfall in mid-December. This rainfall event has led to significant flooding and has slowed palm oil harvest operations in Peninsular Malaysia's main producing states, most notably in Pahang, Selangor and Johor. Combined, these three states account for 35 percent of Malaysia's palm oil production. Additionally, there have been ongoing labor shortages due to the COVID-19 that has caused the Malaysian government borders to remain closed. Foreign workers make up more than 75 percent of Malaysia's palm oil workforce. (*For more information, please contact [Justin.Jenkins@usda.gov](mailto:Justin.Jenkins@usda.gov).*)

### Argentina Wheat: Record Production

Argentina wheat production for marketing year (MY) 2021/22 is estimated at a record 20.5 million metric tons, up 3 percent from last month and 16 percent from last year. Area is estimated at 6.5 million hectares, the same as last month, but up 2 percent from last year. Yield is estimated at 3.15 tons per hectare, up 2 percent from last month and 14 percent from last year.

## NDVI Time Series for the Major Wheat Growing Areas in Argentina

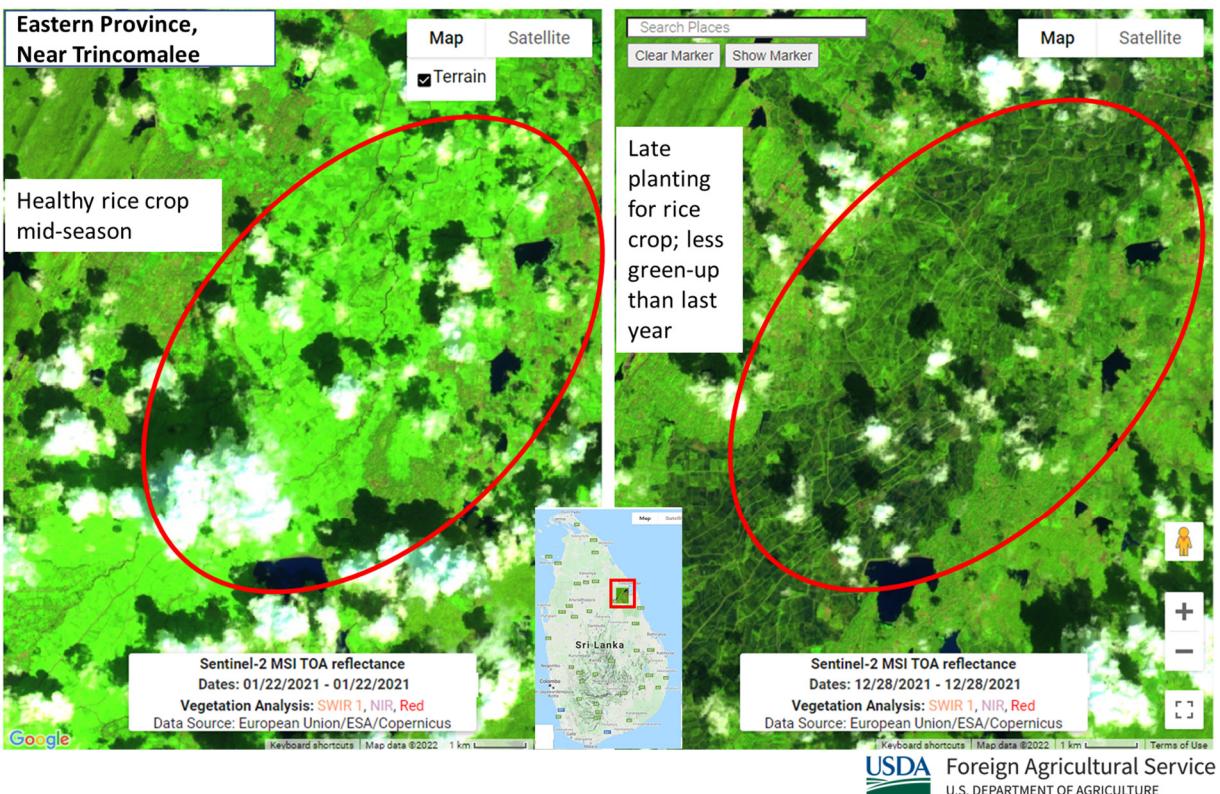


The satellite-derived Normalized Difference Vegetation Index (NDVI) shows crop vigor during MY2021/22 season to be below that of MY2017/18 when yields averaged 3.19 tons per hectare. The MY2021/22 season's wheat yield is expected to be slightly lower. Lack of adequate moisture at times during the season limited crop yield potential. As temperatures warmed in December, the crop was further limited by low soil moisture as the season and harvest progressed. The increased planting area and subsequent harvested area contributed to more grain being reaped and more production than seen in recent years. (For more information, please contact [Denise.McWilliams@usda.gov](mailto:Denise.McWilliams@usda.gov).)

### Sri Lanka Rice: Production Down due to a Decline in Harvested Area

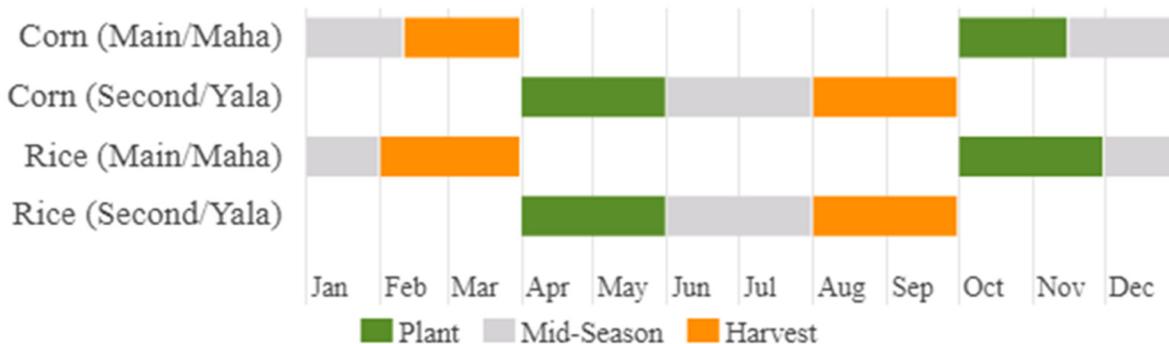
USDA estimates marketing year (MY) 2021/22 Sri Lanka rice production at 3.1 million metric tons (milled basis), down 12 percent from last month and 10 percent from last year. Harvested area is estimated at 1.0 million hectares (mha), down 0.1 mha (9 percent) from last month and 8 percent below last year. The year-to-year decline in planted area is due to a lack of agricultural inputs such as fertilizers for the *maha* crop. Yields are estimated at 4.50 metric tons per hectare, down 3 percent from last month and 2 percent from last year.

## Rice Area Declined in MY 2021/22 in Sri Lanka



The decline in harvested area is due to a ban on chemical fertilizers in April. The ban was lifted in November; however, trade sources are reporting that farmers are having trouble acquiring them. In addition, some farmers reduced planting as can be seen by the Sentinel-2 imagery for the Eastern Province. The Ministry of Agriculture reported that targeted harvested area was down by 31 percent as of January 3, 2022.

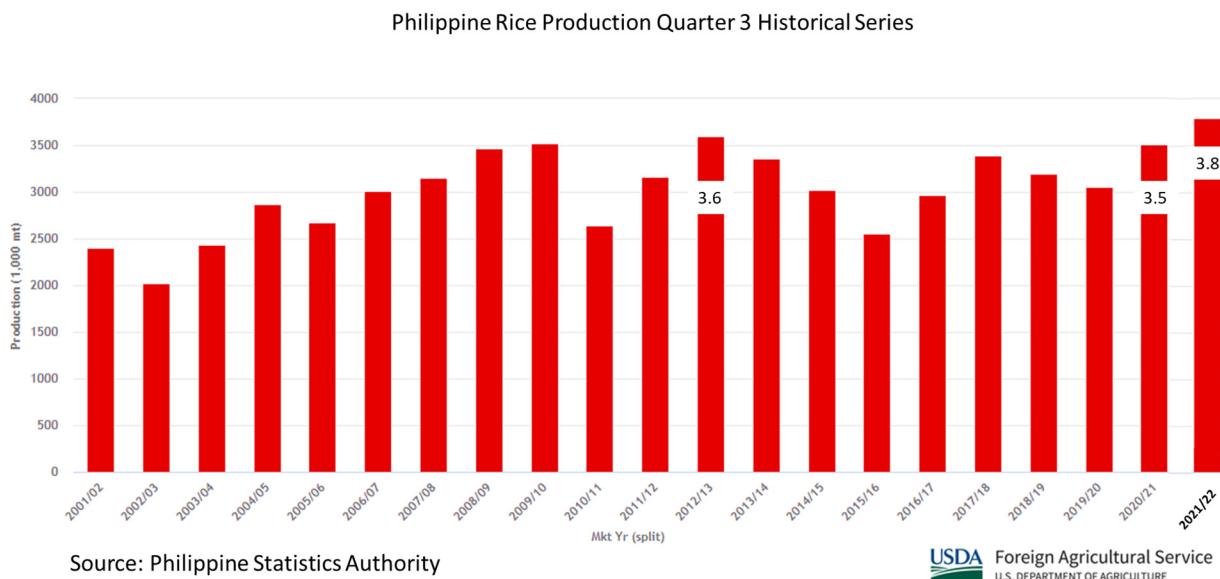
### Sri Lanka – Crop Calendar



USDA combines the 2021 *yala*, which accounts for 40 percent of the total production, and the MY 2021/22 *maha* crop for the total estimate. The MY 2021/22 *maha* harvest will be completed in March. (*For more information, please contact [Arnella.Trent@usda.gov](mailto:Arnella.Trent@usda.gov).*)

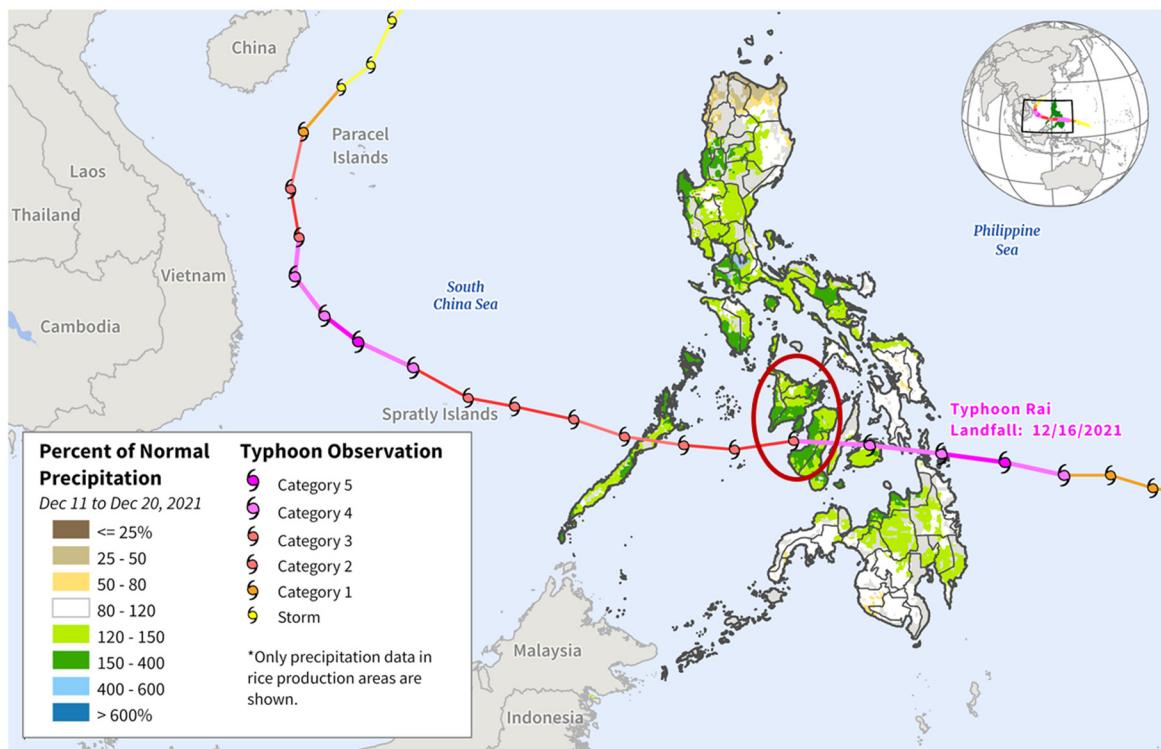
## Philippines Rice: Despite Record Quarter Three Output, Production Remains Unchanged Due to Typhoon Damage

USDA estimates Philippines rice production for marketing year 2021/22 at 12.3 million metric tons (milled basis), unchanged from last month, but down 1 percent from last year. Harvested area is estimated at 4.75 million hectares, unchanged from last month, but down less than 1 percent from last year. Yield is estimated at 4.11 tons per hectare, unchanged from last month, but down 1 percent from last year.



Philippines rice is cultivated throughout the year and its production output is generated quarterly. USDA's Philippines rice marketing 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. Philippines rice production for the quarter three cycle was higher than expected, up 7 percent from last year and up 6 percent from the previous quarter three record set in 2012 according to the Philippine Statistics Authority estimates. Higher production gains are attributed to the Philippine Department of Agriculture's support programs for rice, which has positively influenced producer decisions.

## Typhoon Rai Impacts Rice Production in the Philippines



**USDA** Foreign Agricultural Service  
U.S. DEPARTMENT OF AGRICULTURE

Sources: Joint Typhoon Warning Center  
IFPRI SPAM Rice Mask 2010; UCSB CHIRPS

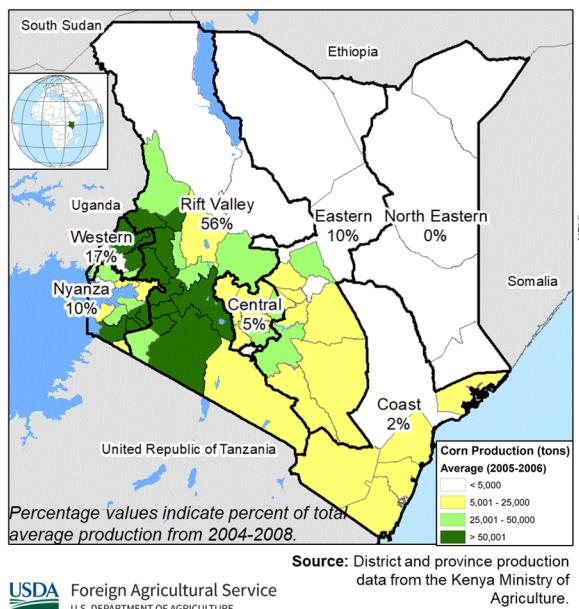
In mid-December, rice was impacted by Typhoon Rai most notably in the Western Visayas region. Reports indicate that torrential rainfall led to localized flooding which damaged rice in the surrounding area. Damages from the storm have lessened expectations for the quarter four rice crop and essentially will offset gains seen from the record quarter three output.

Harvest for quarter four ended in December and quarter one and quarter two will end in March and June, respectively. (*For more information, please contact [Justin.Jenkins@usda.gov](mailto:Justin.Jenkins@usda.gov).*)

### Kenya Corn: Production Down due to Below-Average Long-Rains Harvest

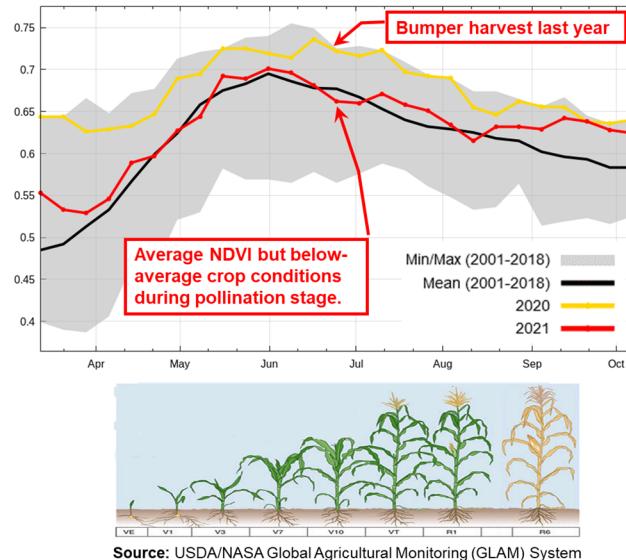
Kenya corn production for marketing year 2021/22 is estimated at 3.5 million metric tons, down 500,000 tons (13 percent) from last month and last year, and down 187,000 tons (5 percent) from the 5-year average. Area is estimated at 2.2 million hectares, unchanged from last month and last year, but down 19,000 hectares (1 percent) from the 5-year average. Yield is estimated at 1.59 metric tons per hectare, down 13 percent from last month and last year, and 4 percent from the 5-year average. Estimated corn area and yield are below the 5-year average due to an early season drought during planting in March and another dry spell in June during the critical flowering stage.

## Kenya Corn Production



## Cropland NDVI for Major Corn Producing Provinces in Kenya

(~85% of total corn production)



The 2021 long-rains season was characterized by poor temporal rainfall distribution which lowered production prospects. Late rains in March caused many farmers to plant late or reduce corn area planting intentions. Above-average rains returned in April and May, but poor rains in June occurred during the critical flowering stage. Precipitation was favorable from July and September, but long rains production prospects remained below average. Kenya's Ministry of Agriculture estimates the final long-rains harvest to be approximately 5 to 10 percent below the 5-year average.

The long-rains season in Kenya's high production region begins in March and ends in September, with harvest ranging from October through December. The long-rains harvest contributes to over 85 percent of the national corn output. Major long-rains corn producing provinces include Central, Rift Valley and Western provinces. The short-rains season begins in October and ends in January, with harvest ranging from late January through February for several districts within Eastern, Central, Nyanza and Coast provinces. (For more information, please contact [Curt.Reynolds@usda.gov](mailto:Curt.Reynolds@usda.gov).)

## Mexico Corn: Area Lower Than Expected

Mexico corn production for marketing year (MY) 2021/22 is estimated at 27.6 million metric tons, down 400,000 tons from last month, but up 254,000 tons (about 1 percent) from MY 2020/21. Area is estimated at 7.2 million hectares (mha), down 100,000 hectares (ha) from last month, but up 57,000 ha (about 1 percent) from last year. Yield is estimated at 3.83 metric tons per hectare, slightly down from last month.

## Mexico: Corn

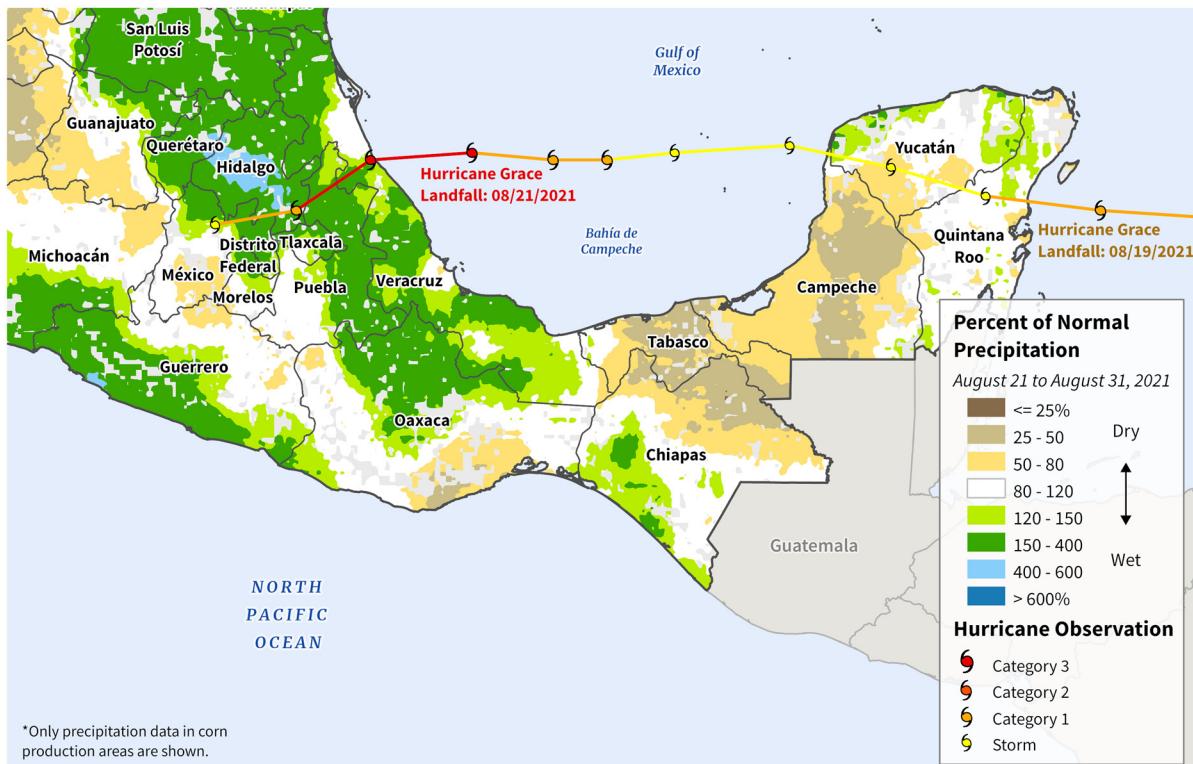


**USDA** Foreign Agricultural Service  
U.S. DEPARTMENT OF AGRICULTURE

Source: Servicio de Información  
Agroalimentaria y Pesquera (SIAP), Mexico

The mostly rainfed summer crop, representing about 70 percent of the total corn crop, was planted from April to August and will finish harvesting by February. The mostly irrigated winter crop was planted in October and will be harvested in late April.

## Hurricane Grace Impacts Corn Production in Mexico



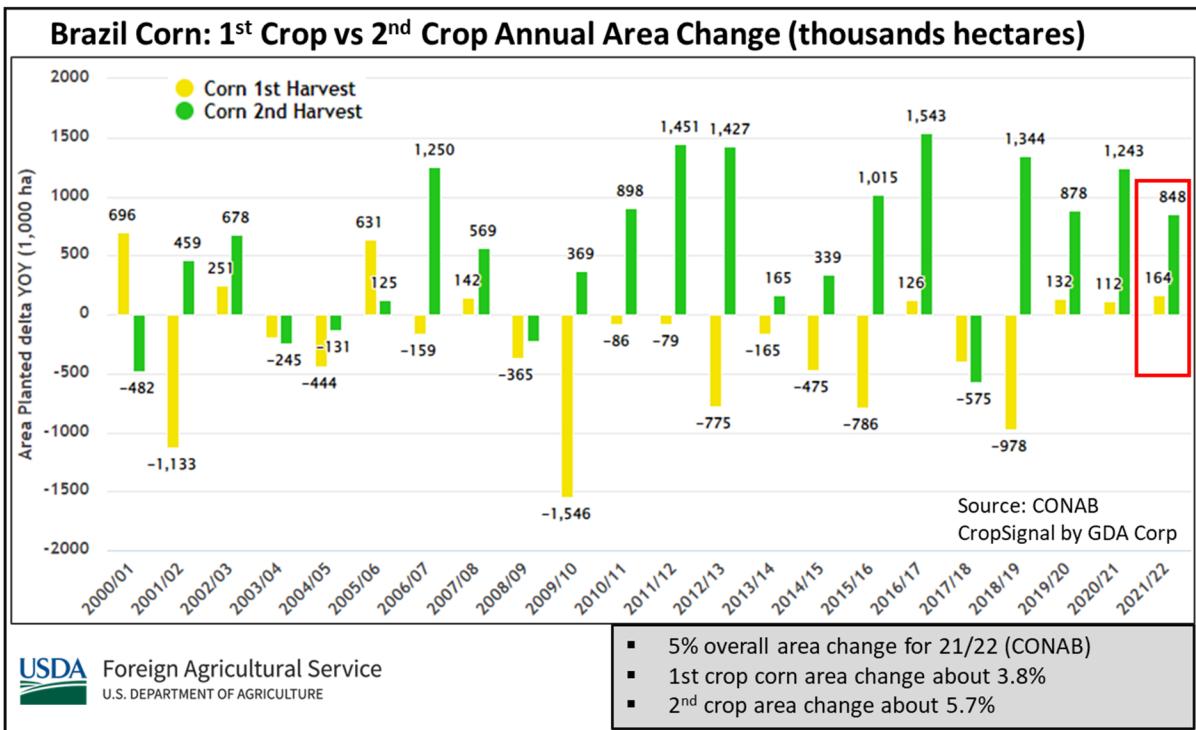
**USDA** Foreign Agricultural Service  
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Sources: NOAA, National Hurricane Center;  
IFPRI SPAM Corn Mask 2010; UCSB CHIRPS

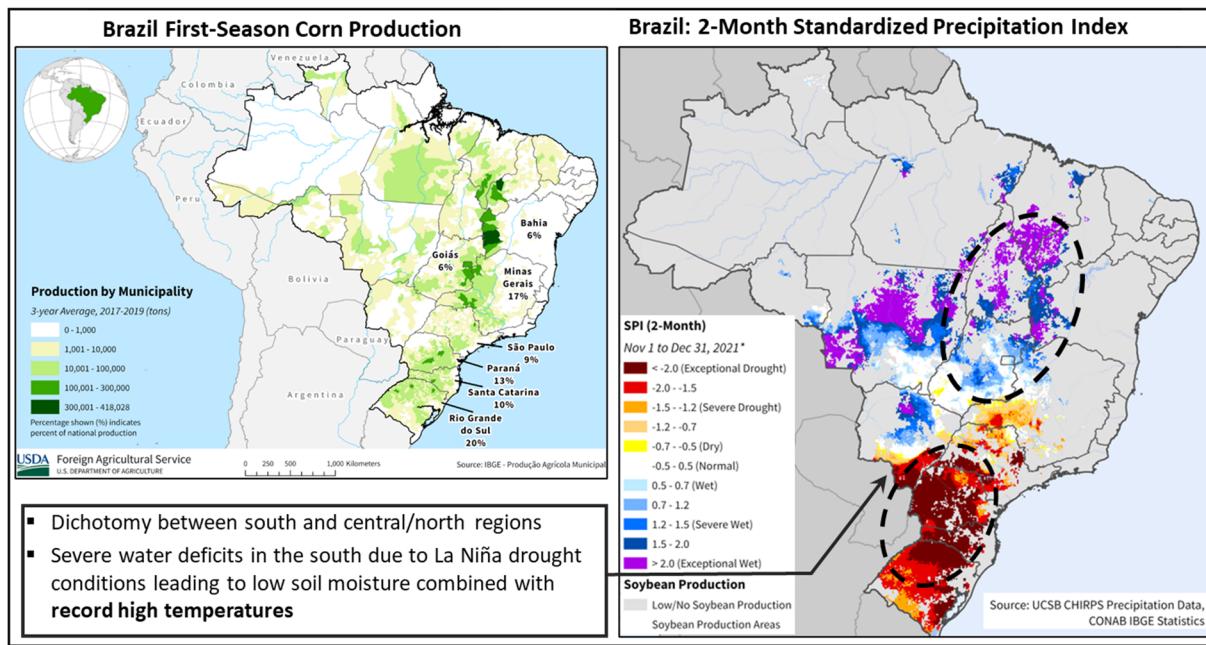
As of November 30, 2021, *Servicio de Información Agroalimentaria y Pesquera* (SIAP) has reported that roughly one-third of the summer corn planted in Mexico has been harvested. During August 2021, Hurricane Grace landed in eastern Mexico damaging corn in states such as Veracruz and Hidalgo. Overall, SIAP has reported that 118,112 ha of the summer corn has been damaged. In addition, the MY 2021/22 summer corn planted area is lower than last year by about 147,000 ha. (*For more information, please contact [Ifeoma.Collins@usda.gov](mailto:Ifeoma.Collins@usda.gov).*)

### Brazil Corn: Below Average Rainfall Lowers Production

Brazil total corn production for marketing year (MY) 2021/22 is estimated at 115.0 million metric tons (mmt), lower by 3 mmt (3 percent) from last month, but larger than last year's crop by 28 mmt (32 percent). Total harvested area, for all three corn crops, is estimated at a record 20.8 million hectares (mha), up 0.9 mha (5 percent) from last year. Yield is estimated at 5.53 tons per hectare (t/ha), about 3 percent lower than last month, but 26 percent above last year's dismal crop, and below the 10-year trend of 5.62 t/ha.



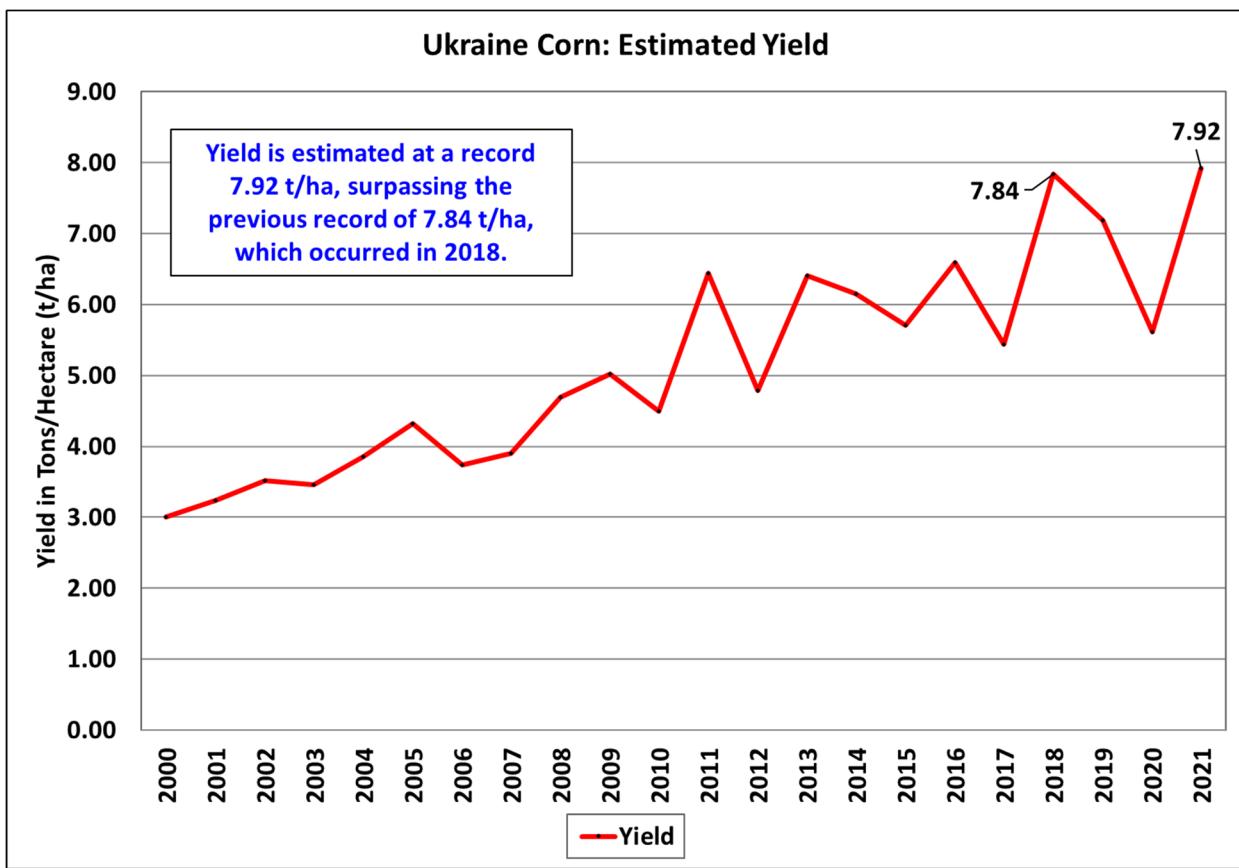
The first-crop corn is mainly grown in eastern and southern Brazil and comprises roughly 25 percent of total production. Weather in the northeastern states (Minas Gerais, Goiás) has been favorable with ample rainfall. However, southern Brazil is experiencing a rainfall deficit typical of a La Niña year. The drought over the past 2 months, displayed in the Standardized Precipitation Index, negatively impacted crop yields in the states of Paraná and Rio Grande do Sul (together about 34 percent of first-crop production). Additionally, higher than average temperatures resulted in low water availability when the majority of the crop was either in flower or grain-fill stages. These reproductive stages are critical for optimal yields and have a high requirement for water.



The second-crop corn, comprising 75 percent of total production, is planted beginning in January. (*For more information, please contact [Sunita.Yadav-Pauletti@usda.gov](mailto:Sunita.Yadav-Pauletti@usda.gov).*)

### Ukraine Corn: Record Yield Drives Production Higher

Ukraine corn production for marketing year 2021/22 is estimated at a record 42.0 million metric tons (mmt), up 5 percent from last month, and 39 percent from last year. Yield is estimated at a record 7.92 tons per hectare (t/ha), up 7 percent from last month, and 41 percent from last year. Harvested area is estimated at 5.3 million hectares (mha), down 2 percent from last month and last year.



Foreign Agricultural Service  
U.S. DEPARTMENT OF AGRICULTURE

Source: USDA PSD Online

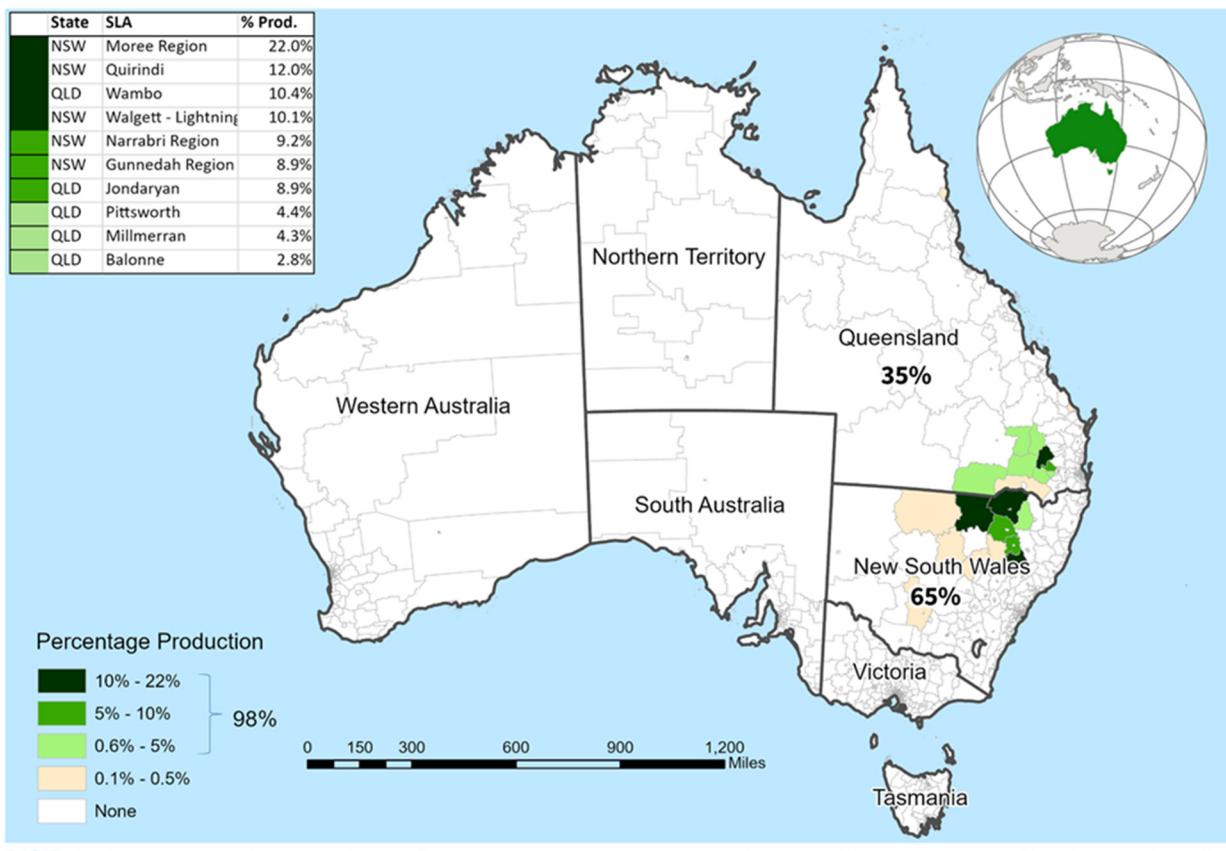
Production is up month-to-month based on final-season harvest data from the State Statistics Service of Ukraine (SSSU) and the Ukrainian Ministry of Agriculture (MinAg). As of December 1<sup>st</sup>, SSSU reported area at 5.0 mha, yield at 8.01 t/ha and production at 39.8 mmt. In previous years, SSSU has increased corn production from the monthly autumn reports to the final production report. As of December 2<sup>nd</sup>, MinAg reported area at 5.36 mha, yield at 7.47 t/ha and production at 40.0 mmt. The MinAg data, however, typically under-reports corn production as compared to SSSU, on average, by about 1 mmt with the difference falling mostly in yield. Unlike other crop data published in Ukraine, there is no net-to-bunker conversion for corn. USDA crop production estimates for Ukraine include estimated output from Crimea. (*For more information, please contact [Katie.McGaughey@usda.gov](mailto:Katie.McGaughey@usda.gov).*)

### Australia Cotton: Production Revised Up Due to Increased Water Availability

Australia's marketing year (MY) 2021/22 cotton production is forecast at 5.5 million 480-pound bales, up 0.2 million bales from last month, and up 2.7 million bales or 96 percent from last year. The production forecast matches the previous record set in MY 2011/12. Harvested area is estimated at 625,000 hectares (ha), up 25,000 ha from last month, and up 350,000 ha or 127 percent from last year. Yield is forecast at 1,916 kilograms per hectare, down slightly from last month but down 14 percent from last year. Yield is expected to decrease year-to-year because of a forecast increase in the share of the total area sown to dryland cotton this season as compared to last. Dryland cotton yields are substantially lower than irrigated yields, and the difference widens in

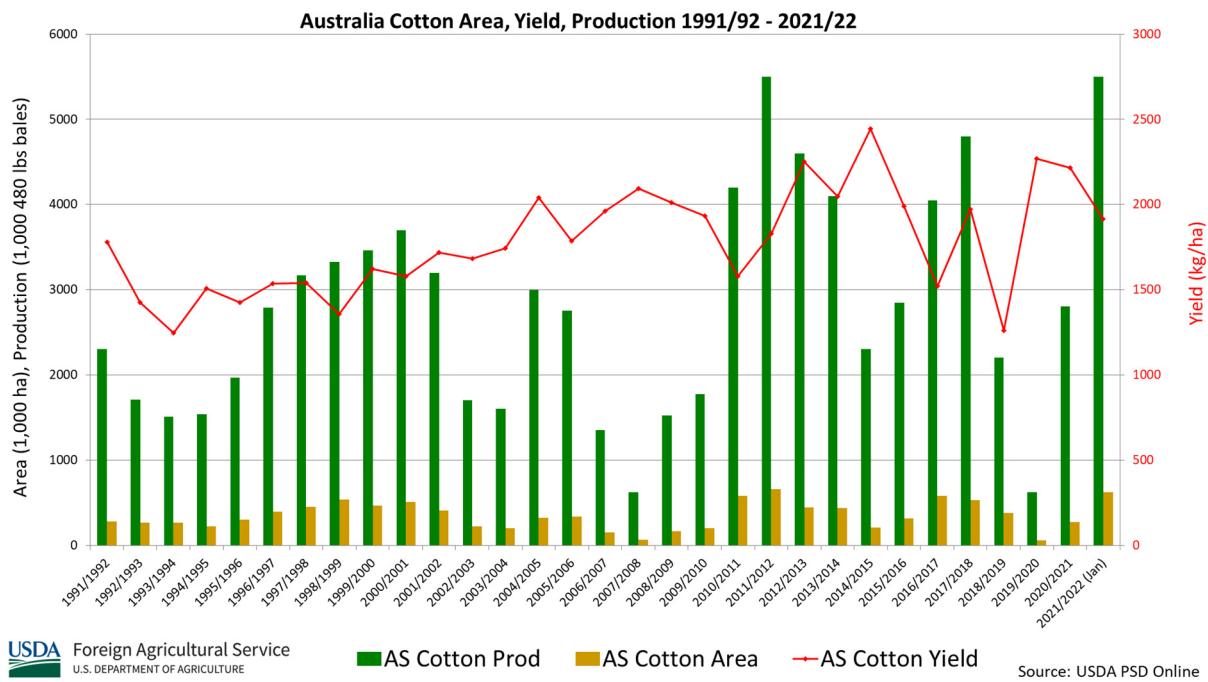
low rainfall years. Irrigated cotton area comprises about 90 percent of Australia's total cotton production.

## Australia: Cotton Production



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Dryland cotton planting tends to vary with the seasonal weather forecast and prices at sowing. This will be the first time in several years that significant area has been planted to dryland cotton. Above-average rainfall this season has increased water storage for irrigated cotton and provided adequate soil moisture in dryland cotton areas. Irrigated cotton area is forecast to increase, reflecting increased water storage levels in reservoirs supplying cotton growing regions. Also, higher world cotton prices motivated producers to expand total plantings.



Sorghum and cotton are the two dominant summer crop options in eastern Australia. Cotton planting began in September with October being the primary planting month. Typically, harvest begins in March and peaks in April. The two major cotton producing states are New South Wales (65 percent) and Queensland (35 percent) based on the current 5-year average. (*For more information, please contact [James.Crutchfield@usda.gov](mailto:James.Crutchfield@usda.gov).*)



**World Agricultural Production**  
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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), January 12, 2022.

**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](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, 2022.

#### 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:  
**U.S. Department of Agriculture**  
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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?1%5Bmember\\_of\\_collections\\_ssim%5D%5B%5D=Foreign+Agricultural+Service&locale=en](https://usda.library.cornell.edu/catalog?1%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/cropexplorer/>) 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		European	Asia (WAP)			South America		Selected Other			All Others			
			United States	Canada -	Mexico -	Russia -	Ukraine -	China -	India -	Indonesia	Pakistan	Thailand	Argentina -	Brazil -	Australia	South Africa	Turkey -		
---Million metric tons---																			
<b>Wheat</b>																			
2019/20	762.2	709.6	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	14.5	1.5	17.5	250.9
2020/21 prel.	775.9	726.1	49.8	35.2	3.0	85.4	25.4	nr	134.3	107.9	0.0	24.9	0.0	17.6	6.3	33.3	2.1	18.3	232.6
2021/22 proj.																			
Dec	777.9	733.1	44.8	21.7	3.2	75.5	33.0	nr	136.9	109.5	0.0	27.0	0.0	20.0	7.9	34.0	2.2	16.3	245.9
Jan	778.6	733.8	44.8	21.7	3.3	75.5	33.0	nr	136.9	109.5	0.0	27.0	0.0	20.5	7.8	34.0	2.2	16.3	246.2
<b>Coarse Grains</b>																			
2019/20	1,417.2	1,057.8	359.4	28.6	32.1	40.5	46.5	nr	269.1	47.7	12.0	7.7	4.6	58.1	105.8	12.0	16.4	14.5	362.3
2020/21 prel.	1,433.9	1,061.0	372.9	29.6	32.7	41.4	39.6	nr	269.1	51.2	11.8	8.3	5.7	59.0	91.0	16.7	17.8	15.8	371.5
2021/22 proj.																			
Dec	1,501.7	1,103.7	397.9	24.2	33.8	38.4	51.6	nr	280.0	47.6	12.0	8.1	5.4	63.9	122.0	16.9	17.6	11.6	370.7
Jan	1,500.0	1,101.3	398.7	24.2	33.4	38.3	53.6	nr	280.9	47.6	12.0	8.1	5.4	63.4	119.0	16.9	17.6	11.6	369.4
<b>Rice, Milled</b>																			
2019/20	498.8	493.0	5.9	0.0	0.2	0.7	0.0	nr	146.7	118.9	34.7	7.4	17.7	0.8	7.6	0.0	0.0	0.6	157.6
2020/21 prel.	507.2	500.0	7.2	0.0	0.2	0.7	0.0	nr	148.3	122.3	35.3	8.2	18.9	0.8	8.0	0.3	0.0	0.6	156.4
2021/22 proj.																			
Dec	510.8	504.6	6.2	0.0	0.2	0.7	0.0	nr	149.0	125.0	35.4	8.2	19.3	0.8	8.0	0.7	0.0	0.5	156.7
Jan	509.9	503.8	6.1	0.0	0.2	0.7	0.0	nr	149.0	125.0	35.4	8.2	19.3	0.8	8.0	0.7	0.0	0.5	155.9
<b>Total Grains</b>																			
2019/20	2,678.3	2,260.4	417.9	61.3	35.5	114.8	75.8	nr	549.4	270.1	46.7	39.5	22.2	78.7	118.6	26.5	17.9	32.6	770.8
2020/21 prel.	2,717.0	2,287.2	429.9	64.8	35.8	127.5	65.0	nr	551.6	281.3	47.1	41.5	24.5	77.5	105.2	50.3	19.9	34.6	760.4
2021/22 proj.																			
Dec	2,790.3	2,341.4	448.9	45.9	37.2	114.6	84.6	nr	565.9	282.1	47.4	43.3	24.7	84.7	137.9	51.6	19.8	28.4	773.4
Jan	2,788.5	2,338.9	449.6	45.9	36.8	114.5	86.6	nr	566.8	282.1	47.4	43.3	24.7	84.7	134.8	51.6	19.8	28.4	771.5
<b>Oilseeds</b>																			
2019/20	581.0	474.0	107.0	26.1	0.9	21.7	24.5	nr	62.4	36.0	14.4	3.5	0.9	53.6	133.9	2.5	2.2	3.3	88.1
2020/21 prel.	603.7	479.3	124.5	25.9	0.8	20.1	19.9	nr	65.6	38.3	14.6	2.7	1.0	51.2	142.4	5.4	2.7	2.9	85.8
2021/22 proj.																			
Dec	627.6	497.3	130.3	19.0	0.8	23.1	24.3	nr	62.0	40.5	14.8	3.2	1.0	54.7	149.3	7.2	2.8	3.4	91.5
Jan	619.2	488.6	130.6	19.0	0.8	23.1	24.3	nr	62.1	40.9	14.8	3.2	1.0	51.7	144.3	7.2	2.8	3.4	90.2
<b>Cotton</b>																			
2019/20	121.0	101.1	19.9	0.0	1.6	0.0	0.0	2.0	27.3	28.5	0.0	6.2	0.0	1.3	13.8	0.6	0.1	3.5	16.3
2020/21 prel.	111.7	97.1	14.6	0.0	1.0	0.0	0.0	1.7	29.5	27.6	0.0	4.5	0.0	1.4	10.8	2.8	0.1	2.9	14.8
2021/22 proj.																			
Dec	121.6	103.3	18.3	0.0	1.1	0.0	0.0	1.5	26.8	28.0	0.0	5.7	0.0	1.5	13.2	5.3	0.1	3.8	16.5
Jan	121.0	103.3	17.6	0.0	1.1	0.0	0.0	1.5	27.0	27.5	0.0	5.8	0.0	1.5	13.2	5.5	0.1	3.8	16.5

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	215.53	220.88	223.36	223.40	3.54	3.51	3.48	3.49	762.20	775.87	777.89	778.60	0.71	0.09	2.73	0.35
<b>United States</b>	15.13	14.89	15.04	15.04	3.47	3.34	2.98	2.98	52.58	49.75	44.79	44.79	0.00	0.00	-4.96	-9.97
<b>Total Foreign</b>	200.39	206.00	208.32	208.36	3.54	3.52	3.52	3.52	709.62	726.12	733.10	733.81	0.71	0.10	7.69	1.06
<b>European Union</b>	24.36	22.97	24.10	24.14	5.70	5.53	5.76	5.76	138.80	126.93	138.70	138.90	0.20	0.14	11.97	9.43
<b>United Kingdom</b>	1.80	1.39	1.79	1.79	8.69	6.96	7.99	7.99	15.60	9.66	14.30	14.30	0.00	0.00	4.64	48.06
<b>Serbia</b>	0.57	0.59	0.60	0.60	4.56	4.58	5.50	5.50	2.60	2.70	3.30	3.30	0.00	0.00	0.60	22.22
<b>China</b>	23.73	23.38	23.57	23.57	5.63	5.74	5.81	5.81	133.60	134.25	136.95	136.95	0.00	0.00	2.70	2.01
<b>South Asia</b>																
India	29.32	31.36	31.62	31.62	3.53	3.44	3.46	3.46	103.60	107.86	109.52	109.52	0.00	0.00	1.66	1.54
Pakistan	8.68	8.83	9.20	9.20	2.81	2.83	2.93	2.93	24.35	24.95	27.00	27.00	0.00	0.00	2.05	8.23
Afghanistan	2.30	2.33	2.20	2.20	2.17	2.15	2.00	2.00	5.00	5.01	4.40	4.40	0.00	0.00	-0.61	-12.18
Nepal	0.71	0.75	0.75	0.75	3.09	2.95	2.80	2.80	2.19	2.21	2.10	2.10	0.00	0.00	-0.11	-4.98
<b>Former Soviet Union - 12</b>																
Russia	27.31	28.68	27.60	27.60	2.70	2.98	2.74	2.74	73.61	85.35	75.50	75.50	0.00	0.00	-9.85	-11.54
Russia Winter	15.41	16.63	15.00	15.00	3.41	3.77	3.50	3.50	52.54	62.69	52.50	52.50	0.00	0.00	-10.19	-16.25
Russia Spring	11.91	12.06	12.60	12.60	1.77	1.88	1.83	1.83	21.07	22.67	23.00	23.00	0.00	0.00	0.34	1.48
Ukraine	7.02	6.85	7.40	7.40	4.16	3.71	4.46	4.46	29.17	25.42	33.00	33.00	0.00	0.00	7.58	29.82
Kazakhstan	11.30	12.06	12.70	12.70	1.01	1.18	0.94	0.94	11.45	14.26	12.00	12.00	0.00	0.00	-2.26	-15.82
Uzbekistan	1.40	1.40	1.40	1.40	4.86	4.43	3.93	3.93	6.80	6.20	5.50	5.50	0.00	0.00	-0.70	-11.29
Belarus	0.69	0.72	0.65	0.65	3.33	3.94	3.54	3.54	2.31	2.85	2.30	2.30	0.00	0.00	-0.55	-19.24
<b>Canada</b>	9.66	10.02	9.25	9.25	3.38	3.51	2.34	2.34	32.67	35.18	21.65	21.65	0.00	0.00	-13.53	-38.46
<b>South America</b>																
Argentina	6.73	6.40	6.50	6.50	2.94	2.76	3.08	3.15	19.78	17.65	20.00	20.50	0.50	2.50	2.86	16.18
Brazil	2.04	2.34	2.70	2.72	2.55	2.67	2.93	2.87	5.20	6.25	7.90	7.80	-0.10	-1.27	1.55	24.80
<b>Australia</b>	9.86	12.90	13.10	13.10	1.47	2.58	2.60	2.60	14.48	33.30	34.00	34.00	0.00	0.00	0.70	2.10
<b>Africa</b>																
Egypt	1.37	1.39	1.40	1.40	6.40	6.40	6.43	6.43	8.77	8.90	9.00	9.00	0.00	0.00	0.10	1.12
Morocco	2.51	2.76	2.86	2.86	1.61	0.93	2.64	2.64	4.03	2.56	7.54	7.54	0.00	0.00	4.98	194.53
Algeria	2.07	2.08	2.08	2.08	1.90	1.88	1.73	1.73	3.95	3.90	3.60	3.60	0.00	0.00	-0.30	-7.69
Ethiopia	1.79	1.85	1.75	1.75	2.97	2.76	2.74	2.74	5.32	5.10	4.80	4.80	0.00	0.00	-0.30	-5.88
<b>Middle East</b>																
Turkey	7.00	7.10	7.05	7.05	2.50	2.57	2.30	2.30	17.50	18.25	16.25	16.25	0.00	0.00	-2.00	-10.96
Iran	6.20	6.00	6.00	6.00	2.51	2.50	2.00	2.00	15.55	15.00	12.00	12.00	0.00	0.00	-3.00	-20.00
Iraq	2.40	2.40	2.50	2.50	2.00	1.93	1.80	1.80	4.80	4.64	4.50	4.50	0.00	0.00	-0.14	-2.91
Syria	1.60	1.60	1.40	1.40	3.00	2.81	2.00	2.00	4.80	4.50	2.80	2.80	0.00	0.00	-1.70	-37.78
<b>Mexico</b>	0.59	0.56	0.56	0.55	5.54	5.33	5.77	5.95	3.27	2.97	3.20	3.28	0.08	2.34	0.31	10.46
<b>Others</b>	7.39	7.31	7.62	7.60	2.76	2.77	2.79	2.80	20.44	20.29	21.29	21.33	0.04	0.16	1.04	5.12

World and Selected Countries and Regions

**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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	334.56	344.14	340.79	340.61	4.24	4.17	4.41	4.40	1,417.22	1,433.90	1,501.67	1,500.05	-1.62	-0.11	66.15	4.61
<b>United States</b>	36.17	36.81	38.24	38.35	9.94	10.13	10.41	10.40	359.43	372.89	397.95	398.71	0.76	0.19	25.82	6.92
<b>Total Foreign</b>	298.40	307.33	302.55	302.26	3.54	3.45	3.65	3.64	1,057.79	1,061.02	1,103.72	1,101.34	-2.38	-0.22	40.33	3.80
<b>China</b>	43.67	43.72	45.61	45.77	6.16	6.15	6.14	6.14	269.07	269.08	279.95	280.85	0.90	0.32	11.77	4.37
<b>European Union</b>	28.73	28.80	28.06	28.00	5.31	5.38	5.53	5.53	152.66	155.07	155.20	154.80	-0.40	-0.26	-0.27	-0.18
<b>United Kingdom</b>	1.41	1.66	1.41	1.41	6.64	5.65	6.03	6.03	9.35	9.36	8.53	8.53	0.00	0.00	-0.83	-8.89
<b>South America</b>																
Brazil	19.86	21.31	22.23	22.23	5.33	4.27	5.49	5.35	105.82	90.96	122.02	119.02	-3.00	-2.46	28.06	30.85
Argentina	8.43	8.57	9.27	9.27	6.89	6.88	6.89	6.83	58.13	58.97	63.88	63.39	-0.49	-0.77	4.42	7.49
<b>Former Soviet Union - 12</b>																
Russia	14.51	14.55	14.03	13.85	2.79	2.84	2.74	2.77	40.50	41.40	38.40	38.31	-0.09	-0.23	-3.09	-7.45
Ukraine	8.22	8.53	8.56	8.44	5.67	4.64	6.03	6.35	46.55	39.59	51.59	53.59	2.00	3.88	14.00	35.37
Kazakhstan	3.45	3.20	2.67	2.67	1.47	1.54	1.45	1.45	5.06	4.93	3.88	3.88	0.00	0.00	-1.05	-21.25
Belarus	1.08	1.14	0.99	0.99	3.08	3.47	3.05	3.05	3.32	3.95	3.00	3.00	0.00	0.00	-0.95	-23.99
<b>Africa</b>																
Nigeria	13.90	13.10	13.70	13.70	1.42	1.42	1.49	1.49	19.67	18.57	20.40	20.40	0.00	0.00	1.83	9.85
South Africa	3.12	3.36	3.30	3.30	5.24	5.29	5.34	5.34	16.37	17.76	17.60	17.60	0.00	0.00	-0.16	-0.87
Tanzania	4.35	5.20	5.10	5.10	1.56	1.46	1.49	1.49	6.77	7.58	7.58	7.58	0.00	0.00	0.00	0.00
Burkina Faso	4.08	4.00	4.00	4.00	1.12	1.18	1.31	1.31	4.55	4.72	5.23	5.23	0.00	0.00	0.51	10.70
Ethiopia	5.51	5.61	5.72	5.72	3.34	3.32	3.09	3.09	18.41	18.62	17.65	17.65	0.00	0.00	-0.97	-5.19
Egypt	1.02	1.02	1.02	1.02	7.09	7.09	7.09	7.09	7.26	7.26	7.26	7.26	0.00	0.00	0.00	0.00
Mali	4.92	5.17	4.70	4.70	1.46	1.38	1.45	1.45	7.21	7.14	6.80	6.80	0.00	0.00	-0.34	-4.70
<b>India</b>	23.98	23.83	22.40	22.40	1.99	2.15	2.12	2.12	47.66	51.21	47.57	47.57	0.00	0.00	-3.64	-7.11
<b>Southeast Asia</b>																
Indonesia	3.80	3.60	3.60	3.60	3.16	3.28	3.33	3.33	12.00	11.80	12.00	12.00	0.00	0.00	0.20	1.69
Philippines	2.51	2.57	2.50	2.50	3.20	3.25	3.12	3.12	8.03	8.35	7.80	7.80	0.00	0.00	-0.55	-6.61
Vietnam	0.99	0.95	0.90	0.90	4.80	4.83	4.89	4.89	4.76	4.59	4.40	4.40	0.00	0.00	-0.19	-4.14
Thailand	1.24	1.28	1.23	1.23	3.66	4.41	4.36	4.36	4.55	5.65	5.35	5.35	0.00	0.00	-0.30	-5.31
<b>Mexico</b>	8.41	8.76	9.11	9.01	3.82	3.73	3.71	3.70	32.10	32.66	33.75	33.35	-0.40	-1.19	0.69	2.11
<b>Canada</b>	5.54	5.80	5.74	5.74	5.16	5.11	4.22	4.22	28.61	29.64	24.21	24.21	0.00	0.00	-5.43	-18.32
<b>Australia</b>	6.18	5.99	5.92	5.92	1.94	2.79	2.86	2.86	12.00	16.70	16.95	16.95	0.00	0.00	0.25	1.50
<b>Middle East</b>																
Turkey	4.53	4.63	4.46	4.46	3.19	3.40	2.60	2.60	14.45	15.76	11.58	11.58	0.00	0.00	-4.18	-26.52
Iran	1.91	1.81	1.91	1.91	2.63	2.77	2.16	2.16	5.02	5.02	4.12	4.12	0.00	0.00	-0.90	-17.93
<b>Others</b>	73.06	79.18	74.43	74.43	1.61	1.57	1.71	1.69	117.96	124.71	127.04	126.14	-0.90	-0.70	1.44	1.15

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	193.60	198.81	202.98	202.82	5.78	5.65	5.96	5.95	1,119.71	1,122.83	1,208.73	1,206.96	-1.77	-0.15	84.13	7.49
<b>United States</b>	32.92	33.31	34.43	34.56	10.51	10.76	11.11	11.11	345.96	358.45	382.59	383.94	1.35	0.35	25.50	7.11
<b>Total Foreign</b>	160.68	165.50	168.54	168.27	4.82	4.62	4.90	4.89	773.74	764.38	826.14	823.02	-3.13	-0.38	58.64	7.67
<b>China</b>	41.28	41.26	43.32	43.32	6.32	6.32	6.29	6.29	260.78	260.67	272.55	272.55	0.00	0.00	11.88	4.56
<b>South America</b>																
Brazil	18.50	19.90	20.80	20.80	5.51	4.37	5.67	5.53	102.00	87.00	118.00	115.00	-3.00	-2.54	28.00	32.18
Argentina	6.30	6.40	6.80	6.80	8.10	7.89	8.01	7.94	51.00	50.50	54.50	54.00	-0.50	-0.92	3.50	6.93
Bolivia	0.42	0.47	0.48	0.48	2.26	2.30	2.32	2.32	0.96	1.08	1.10	1.10	0.00	0.00	0.02	1.85
<b>European Union</b>	8.90	9.30	9.36	9.31	7.50	7.22	7.52	7.52	66.74	67.09	70.35	69.96	-0.39	-0.55	2.87	4.27
<b>Africa</b>																
South Africa	2.91	3.12	3.10	3.10	5.45	5.42	5.48	5.48	15.84	16.90	17.00	17.00	0.00	0.00	0.10	0.59
Nigeria	6.50	5.50	6.00	6.00	1.69	1.82	1.93	1.93	11.00	10.00	11.60	11.60	0.00	0.00	1.60	16.00
Ethiopia	2.27	2.53	2.40	2.40	4.24	4.18	3.75	3.75	9.64	10.56	9.00	9.00	0.00	0.00	-1.56	-14.75
Egypt	0.80	0.80	0.80	0.80	8.00	8.00	8.00	8.00	6.40	6.40	6.40	6.40	0.00	0.00	0.00	0.00
Tanzania	3.43	4.20	4.10	4.10	1.65	1.55	1.59	1.59	5.65	6.50	6.50	6.50	0.00	0.00	0.00	0.00
Malawi	1.70	1.70	1.70	1.70	1.78	2.22	2.47	2.47	3.03	3.78	4.20	4.20	0.00	0.00	0.42	11.11
Zambia	0.84	1.29	1.30	1.30	2.38	2.62	2.78	2.78	2.00	3.39	3.62	3.62	0.00	0.00	0.23	6.88
Kenya	2.20	2.20	2.20	2.20	1.77	1.82	1.82	1.59	3.90	4.00	4.00	3.50	-0.50	-12.50	-0.50	-12.50
Uganda	0.95	1.10	1.10	1.10	2.71	2.50	2.55	2.55	2.58	2.75	2.80	2.80	0.00	0.00	0.05	1.82
Zimbabwe	1.62	1.58	1.95	1.95	0.48	0.57	1.39	1.39	0.78	0.91	2.72	2.72	0.00	0.00	1.81	199.23
<b>Former Soviet Union - 12</b>																
Ukraine	4.99	5.40	5.42	5.30	7.19	5.62	7.38	7.92	35.89	30.30	40.00	42.00	2.00	5.00	11.70	38.63
Russia	2.50	2.73	2.80	2.80	5.70	5.08	5.36	5.36	14.28	13.87	15.00	15.00	0.00	0.00	1.13	8.13
<b>South Asia</b>																
India	9.57	9.87	9.70	9.70	3.01	3.19	3.09	3.09	28.77	31.51	30.00	30.00	0.00	0.00	-1.51	-4.79
Pakistan	1.41	1.39	1.40	1.40	5.12	5.63	5.43	5.43	7.24	7.80	7.60	7.60	0.00	0.00	-0.20	-2.56
Nepal	0.96	0.97	0.97	0.97	2.76	2.82	2.82	2.82	2.65	2.72	2.72	2.72	0.00	0.00	0.00	0.00
<b>Southeast Asia</b>																
Indonesia	3.80	3.60	3.60	3.60	3.16	3.28	3.33	3.33	12.00	11.80	12.00	12.00	0.00	0.00	0.20	1.69
Philippines	2.51	2.57	2.50	2.50	3.20	3.25	3.12	3.12	8.03	8.35	7.80	7.80	0.00	0.00	-0.55	-6.61
Vietnam	0.99	0.95	0.90	0.90	4.80	4.83	4.89	4.89	4.76	4.59	4.40	4.40	0.00	0.00	-0.19	-4.14
Thailand	1.22	1.26	1.20	1.20	3.70	4.46	4.42	4.42	4.50	5.60	5.30	5.30	0.00	0.00	-0.30	-5.36
<b>Mexico</b>	6.62	7.14	7.30	7.20	4.03	3.83	3.84	3.83	26.66	27.35	28.00	27.60	-0.40	-1.43	0.25	0.93
<b>Canada</b>	1.45	1.41	1.39	1.39	9.24	9.63	10.05	10.05	13.40	13.56	13.98	13.98	0.00	0.00	0.42	3.10
<b>Turkey</b>	0.52	0.62	0.54	0.54	11.54	11.45	12.04	12.04	6.00	7.10	6.50	6.50	0.00	0.00	-0.60	-8.45
<b>Others</b>	25.51	26.26	25.42	25.42	2.64	2.60	2.70	2.68	67.29	68.31	68.50	68.16	-0.34	-0.49	-0.14	-0.21

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	52.59	51.56	49.43	49.59	3.02	3.11	2.94	2.97	158.95	160.53	145.51	147.05	1.54	1.06	-13.48	-8.39
<b>United States</b>	0.90	0.90	0.79	0.79	4.18	4.15	3.25	3.25	3.76	3.72	2.56	2.56	0.00	0.00	-1.16	-31.11
<b>Total Foreign</b>	51.69	50.66	48.64	48.80	3.00	3.10	2.94	2.96	155.19	156.81	142.95	144.49	1.54	1.08	-12.32	-7.86
<b>European Union</b>	11.16	11.04	10.40	10.40	4.94	4.91	5.07	5.07	55.18	54.23	52.75	52.75	0.00	0.00	-1.48	-2.74
<b>United Kingdom</b>	1.16	1.39	1.15	1.15	6.93	5.85	6.26	6.26	8.05	8.12	7.20	7.20	0.00	0.00	-0.92	-11.30
<b>Former Soviet Union - 12</b>																
Russia	8.40	8.16	7.75	7.65	2.37	2.53	2.19	2.29	19.94	20.63	17.00	17.50	0.50	2.94	-3.13	-15.17
Ukraine	2.78	2.58	2.67	2.67	3.42	3.08	3.82	3.82	9.53	7.95	10.20	10.20	0.00	0.00	2.25	28.35
Kazakhstan	2.98	2.73	2.20	2.20	1.29	1.34	1.14	1.14	3.83	3.66	2.50	2.50	0.00	0.00	-1.16	-31.68
Belarus	0.41	0.41	0.35	0.35	2.69	3.35	2.86	2.86	1.10	1.38	1.00	1.00	0.00	0.00	-0.38	-27.27
Azerbaijan	0.34	0.35	0.37	0.37	2.97	2.81	2.74	2.74	1.02	0.97	1.00	1.00	0.00	0.00	0.03	3.09
<b>Canada</b>	2.73	2.81	3.00	3.00	3.81	3.82	2.31	2.31	10.38	10.74	6.95	6.95	0.00	0.00	-3.79	-35.31
<b>Australia</b>	5.04	4.40	4.30	4.30	2.01	2.98	3.02	3.02	10.13	13.10	13.00	13.00	0.00	0.00	-0.10	-0.76
<b>Middle East</b>																
Turkey	3.80	3.80	3.70	3.70	2.08	2.13	1.22	1.22	7.90	8.10	4.50	4.50	0.00	0.00	-3.60	-44.44
Iran	1.70	1.60	1.70	1.70	2.12	2.25	1.59	1.59	3.60	3.60	2.70	2.70	0.00	0.00	-0.90	-25.00
Iraq	1.20	1.20	1.10	1.10	1.33	1.29	1.18	1.18	1.60	1.55	1.30	1.30	0.00	0.00	-0.25	-16.13
Syria	1.50	1.50	1.30	1.30	1.33	1.27	0.85	0.85	2.00	1.90	1.10	1.10	0.00	0.00	-0.80	-42.11
<b>Africa</b>																
Ethiopia	0.95	0.93	1.00	1.00	2.50	2.53	2.35	2.35	2.38	2.34	2.35	2.35	0.00	0.00	0.01	0.47
Morocco	1.05	1.47	1.49	1.49	1.11	0.44	1.87	1.87	1.16	0.64	2.78	2.78	0.00	0.00	2.14	334.38
Algeria	1.03	1.03	1.03	1.03	1.95	1.80	1.56	1.56	2.00	1.85	1.60	1.60	0.00	0.00	-0.25	-13.28
Tunisia	0.47	0.36	0.37	0.37	1.94	1.28	1.77	1.77	0.91	0.47	0.65	0.65	0.00	0.00	0.19	39.78
South Africa	0.13	0.14	0.10	0.10	2.61	4.14	3.68	3.68	0.35	0.59	0.35	0.35	0.00	0.00	-0.24	-40.48
<b>South America</b>																
Argentina	1.12	1.09	1.25	1.25	3.39	4.13	3.84	3.84	3.80	4.50	4.80	4.80	0.00	0.00	0.30	6.67
Uruguay	0.17	0.19	0.20	0.20	3.68	4.78	4.30	4.00	0.61	0.89	0.86	0.80	-0.06	-6.98	-0.09	-10.01
Brazil	0.12	0.10	0.10	0.10	3.61	3.63	3.74	3.74	0.43	0.37	0.39	0.39	0.00	0.00	0.01	2.94
<b>India</b>																
India	0.58	0.59	0.60	0.60	2.84	2.92	2.78	2.78	1.63	1.72	1.67	1.67	0.00	0.00	-0.05	-2.91
<b>China</b>																
China	0.51	0.51	0.25	0.51	3.94	4.00	3.60	3.92	2.01	2.04	0.90	2.00	1.10	122.22	-0.04	-1.77
<b>Mexico</b>																
Mexico	0.36	0.30	0.34	0.34	2.81	3.07	2.82	2.82	1.01	0.91	0.96	0.96	0.00	0.00	0.06	6.08
<b>Afghanistan</b>																
Afghanistan	0.18	0.17	0.16	0.16	1.39	1.41	1.25	1.25	0.25	0.24	0.20	0.20	0.00	0.00	-0.04	-16.67
<b>Others</b>																
Others	1.83	1.83	1.78	1.78	2.41	2.38	2.39	2.39	4.41	4.35	4.25	4.25	0.00	0.00	-0.10	-2.28

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	9.56	10.00	9.53	9.48	2.43	2.55	2.42	2.39	23.22	25.51	23.03	22.68	-0.35	-1.52	-2.83	-11.11
<b>United States</b>	0.34	0.41	0.26	0.26	2.31	2.34	2.20	2.20	0.77	0.95	0.58	0.58	0.00	0.00	-0.38	-39.41
<b>Total Foreign</b>	9.22	9.59	9.27	9.22	2.43	2.56	2.42	2.40	22.45	24.56	22.45	22.10	-0.35	-1.56	-2.46	-10.01
<b>European Union</b>	2.38	2.55	2.60	2.60	2.93	3.30	3.13	3.13	6.97	8.42	8.15	8.15	0.00	0.00	-0.27	-3.23
<b>Former Soviet Union - 12</b>																
Russia	2.43	2.33	2.20	2.15	1.82	1.77	1.86	1.74	4.42	4.13	4.10	3.75	-0.35	-8.54	-0.38	-9.13
Ukraine	0.18	0.20	0.18	0.18	2.32	2.54	2.58	2.58	0.43	0.52	0.47	0.47	0.00	0.00	-0.05	-9.71
Belarus	0.16	0.16	0.15	0.15	2.30	2.87	2.33	2.33	0.37	0.45	0.35	0.35	0.00	0.00	-0.10	-21.35
Kazakhstan	0.24	0.23	0.20	0.20	1.10	1.05	1.00	1.00	0.27	0.24	0.20	0.20	0.00	0.00	-0.04	-16.67
<b>Canada</b>	1.17	1.31	1.11	1.11	3.62	3.48	2.34	2.34	4.23	4.58	2.61	2.61	0.00	0.00	-1.97	-43.05
<b>South America</b>																
Argentina	0.32	0.24	0.30	0.30	1.86	2.13	2.30	2.30	0.60	0.51	0.69	0.69	0.00	0.00	0.18	35.29
Brazil	0.40	0.43	0.43	0.43	2.21	1.99	2.18	2.18	0.88	0.85	0.93	0.93	0.00	0.00	0.08	9.57
Chile	0.10	0.11	0.11	0.11	4.92	4.65	5.45	5.45	0.48	0.53	0.60	0.60	0.00	0.00	0.08	14.29
Uruguay	0.02	0.02	0.02	0.02	2.19	2.20	2.33	2.33	0.04	0.03	0.04	0.04	0.00	0.00	0.00	6.06
<b>Oceania</b>																
Australia	0.82	0.95	0.90	0.90	1.40	1.76	1.72	1.72	1.14	1.68	1.55	1.55	0.00	0.00	-0.13	-7.46
New Zealand	0.01	0.00	0.00	0.00	5.40	6.00	6.00	6.00	0.03	0.02	0.02	0.02	0.00	0.00	0.00	0.00
<b>China</b>	0.41	0.41	0.41	0.41	1.48	1.48	1.48	1.48	0.60	0.60	0.60	0.60	0.00	0.00	0.00	0.00
<b>Africa</b>																
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	0.01	0.04	0.04	0.04	0.62	0.88	1.13	1.13	0.01	0.04	0.05	0.05	0.00	0.00	0.01	28.57
South Africa	0.02	0.03	0.04	0.04	0.81	2.19	2.29	2.29	0.02	0.06	0.08	0.08	0.00	0.00	0.02	40.35
<b>Other Europe</b>																
United Kingdom	0.18	0.21	0.20	0.20	5.91	4.91	5.50	5.50	1.08	1.03	1.10	1.10	0.00	0.00	0.07	6.69
Norway	0.07	0.07	0.07	0.07	4.29	4.29	4.29	4.29	0.30	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	2.25	2.14	2.14	0.03	0.04	0.03	0.03	0.00	0.00	-0.01	-16.67
Bosnia and Herzegovina	0.01	0.01	0.01	0.01	2.70	3.09	2.82	2.82	0.03	0.03	0.03	0.03	0.00	0.00	0.00	-8.82
<b>Turkey</b>	0.10	0.10	0.11	0.11	2.30	2.40	2.38	2.38	0.23	0.24	0.25	0.25	0.00	0.00	0.01	4.17
<b>Mexico</b>	0.05	0.03	0.05	0.05	1.98	2.03	2.00	2.00	0.10	0.06	0.09	0.09	0.00	0.00	0.03	42.86
<b>Others</b>	0.03	0.03	0.03	0.03	1.70	1.66	1.76	1.76	0.05	0.05	0.05	0.05	0.00	0.00	0.00	6.25

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. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	4.04	4.16	4.06	4.02	3.04	3.43	3.17	3.13	12.25	14.29	12.85	12.56	-0.29	-2.26	-1.73	-12.11
<b>United States</b>	0.13	0.13	0.12	0.12	2.16	2.19	2.09	2.09	0.27	0.29	0.25	0.25	0.00	0.00	-0.04	-15.02
<b>Total Foreign</b>	3.91	4.03	3.94	3.90	3.06	3.48	3.20	3.16	11.98	14.00	12.60	12.31	-0.29	-2.30	-1.69	-12.05
<b>European Union</b>	2.21	2.08	1.95	1.95	3.80	4.31	4.13	4.13	8.40	8.96	8.05	8.05	0.00	0.00	-0.91	-10.20
<b>Former Soviet Union - 12</b>																
Russia	0.82	0.97	1.03	0.98	1.73	2.44	1.95	1.73	1.42	2.38	2.00	1.70	-0.30	-15.00	-0.68	-28.45
Belarus	0.32	0.36	0.33	0.33	2.37	2.92	2.46	2.46	0.76	1.05	0.80	0.80	0.00	0.00	-0.25	-23.88
Ukraine	0.12	0.14	0.17	0.17	2.90	3.28	3.53	3.53	0.34	0.46	0.60	0.60	0.00	0.00	0.14	30.72
Kazakhstan	0.02	0.02	0.04	0.04	1.10	1.25	1.00	1.00	0.02	0.03	0.04	0.04	0.00	0.00	0.01	33.33
<b>Turkey</b>	0.11	0.11	0.12	0.12	2.91	2.91	2.87	2.87	0.32	0.32	0.33	0.33	0.00	0.00	0.01	3.13
<b>Canada</b>	0.10	0.15	0.15	0.15	3.23	3.19	3.22	3.22	0.33	0.49	0.47	0.47	0.00	0.00	-0.02	-3.07
<b>South America</b>																
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	0.11	0.09	0.07	0.07	2.00	1.50	2.00	2.00	0.22	0.14	0.13	0.14	0.01	7.46	0.01	6.67
<b>Other Europe</b>																
Bosnia and Herzegovina	0.00	0.00	0.00	0.00	2.50	3.67	3.00	3.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	-18.18
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
<b>Australia</b>	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
<b>Others</b>	0.04	0.04	0.04	0.04	2.51	2.48	2.50	2.50	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.92

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	39.75	42.65	41.82	41.70	1.45	1.45	1.59	1.56	57.77	61.79	66.30	65.10	-1.21	-1.82	3.30	5.35
<b>United States</b>	1.89	2.06	2.64	2.63	4.58	4.59	4.53	4.33	8.67	9.47	11.97	11.38	-0.59	-4.95	1.90	20.07
<b>Total Foreign</b>	37.86	40.59	39.18	39.08	1.30	1.29	1.39	1.37	49.10	52.32	54.33	53.72	-0.61	-1.13	1.40	2.68
<b>Africa</b>																
Nigeria	5.40	5.60	5.70	5.70	1.23	1.17	1.19	1.19	6.67	6.57	6.80	6.80	0.00	0.00	0.23	3.50
Ethiopia	1.83	1.68	1.87	1.87	2.88	2.69	2.78	2.78	5.27	4.52	5.20	5.20	0.00	0.00	0.68	15.12
Sudan	6.83	9.03	7.00	7.00	0.54	0.57	0.71	0.71	3.71	5.15	5.00	5.00	0.00	0.00	-0.15	-2.91
Burkina Faso	1.89	1.80	1.80	1.80	0.99	1.02	1.19	1.19	1.87	1.84	2.15	2.15	0.00	0.00	0.31	16.85
Mali	1.50	1.83	1.50	1.50	1.01	0.98	1.00	1.00	1.51	1.80	1.50	1.50	0.00	0.00	-0.30	-16.71
Niger	3.75	3.70	3.70	3.70	0.51	0.52	0.51	0.51	1.90	1.92	1.90	1.90	0.00	0.00	-0.02	-1.14
Cameroon	0.73	0.74	0.74	0.74	1.67	1.62	1.62	1.62	1.22	1.20	1.20	1.20	0.00	0.00	0.00	0.00
Tanzania	0.65	0.70	0.70	0.70	1.13	1.07	1.07	1.07	0.73	0.75	0.75	0.75	0.00	0.00	0.00	0.00
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	0.42	0.43	0.43	0.43	0.95	0.94	0.94	0.94	0.40	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Ghana	0.30	0.25	0.25	0.25	1.15	1.42	1.12	1.12	0.35	0.36	0.28	0.28	0.00	0.00	-0.08	-21.35
Mozambique	0.23	0.26	0.25	0.25	0.69	0.54	0.70	0.70	0.16	0.14	0.18	0.18	0.00	0.00	0.03	23.24
South Africa	0.04	0.05	0.05	0.05	3.67	4.29	3.78	3.78	0.16	0.21	0.17	0.17	0.00	0.00	-0.04	-19.05
<b>Mexico</b>	1.38	1.29	1.42	1.42	3.14	3.37	3.31	3.31	4.33	4.35	4.70	4.70	0.00	0.00	0.35	8.10
<b>South America</b>																
Argentina	0.58	0.75	0.85	0.85	4.35	4.43	4.41	4.41	2.50	3.32	3.75	3.75	0.00	0.00	0.43	12.95
Brazil	0.84	0.88	0.90	0.90	2.99	3.12	3.00	3.00	2.50	2.73	2.70	2.70	0.00	0.00	-0.03	-1.17
<b>South Asia</b>																
India	4.82	4.24	4.60	4.60	0.99	1.13	0.96	0.96	4.77	4.78	4.40	4.40	0.00	0.00	-0.38	-7.95
Pakistan	0.24	0.25	0.26	0.26	0.58	0.58	0.59	0.59	0.14	0.15	0.15	0.15	0.00	0.00	0.01	3.45
<b>China</b>	0.64	0.64	0.73	0.63	4.90	4.68	4.93	4.76	3.14	2.97	3.60	3.00	-0.60	-16.67	0.03	1.01
<b>Australia</b>	0.20	0.51	0.58	0.58	1.95	2.94	3.28	3.28	0.40	1.50	1.90	1.90	0.00	0.00	0.40	26.67
<b>European Union</b>	0.16	0.19	0.15	0.15	5.32	5.15	6.00	5.95	0.85	0.96	0.90	0.89	-0.01	-1.56	-0.07	-7.52
<b>Others</b>	5.30	5.65	5.57	5.57	1.09	1.06	1.07	1.07	5.79	5.96	5.96	5.96	0.00	0.00	0.00	0.03

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	161.69	164.84	164.81	164.65	4.61	4.59	4.63	4.62	498.84	507.24	510.78	509.87	-0.91	-0.18	2.63	0.52
<b>United States</b>	1.00	1.21	1.01	1.01	8.38	8.54	8.70	8.64	5.88	7.22	6.15	6.09	-0.06	-1.04	-1.13	-15.70
<b>Total Foreign</b>	160.69	163.63	163.79	163.64	4.58	4.56	4.60	4.60	492.96	500.02	504.62	503.78	-0.84	-0.17	3.76	0.75
<b>East Asia</b>																
China	29.69	30.08	29.92	29.92	7.06	7.04	7.11	7.11	146.73	148.30	148.99	148.99	0.00	0.00	0.69	0.47
Japan	1.54	1.53	1.53	1.53	6.78	6.79	6.81	6.81	7.61	7.57	7.56	7.56	0.00	0.00	-0.01	-0.17
Korea, South	0.73	0.73	0.73	0.73	6.87	6.49	7.12	7.12	3.74	3.51	3.88	3.88	0.00	0.00	0.38	10.69
Korea, North	0.48	0.49	0.50	0.50	5.89	4.44	4.18	4.18	1.82	1.40	1.36	1.36	0.00	0.00	-0.04	-2.72
<b>South Asia</b>																
India	43.66	45.00	45.50	45.50	4.08	4.08	4.12	4.12	118.87	122.27	125.00	125.00	0.00	0.00	2.73	2.23
Bangladesh	11.83	11.50	11.42	11.42	4.55	4.51	4.66	4.66	35.85	34.60	35.50	35.50	0.00	0.00	0.90	2.60
Pakistan	3.03	3.38	3.30	3.30	3.67	3.63	3.73	3.73	7.41	8.18	8.20	8.20	0.00	0.00	0.02	0.20
Nepal	1.46	1.47	1.48	1.48	3.80	3.78	3.77	3.77	3.70	3.70	3.70	3.70	0.00	0.00	0.00	0.11
Sri Lanka	0.97	1.09	1.10	1.00	4.85	4.57	4.64	4.50	3.21	3.39	3.47	3.06	-0.41	-11.76	-0.33	-9.73
<b>Southeast Asia</b>																
Indonesia	11.60	11.80	11.80	11.83	4.71	4.71	4.72	4.71	34.70	35.30	35.35	35.40	0.05	0.14	0.10	0.28
Vietnam	7.38	7.31	7.35	7.30	5.88	6.00	5.90	5.96	27.10	27.38	27.10	27.19	0.09	0.35	-0.19	-0.68
Thailand	9.89	10.51	10.40	10.40	2.70	2.72	2.81	2.81	17.66	18.86	19.30	19.30	0.00	0.00	0.44	2.32
Burma	6.90	6.90	6.90	6.90	2.86	2.85	2.85	2.85	12.65	12.60	12.60	12.60	0.00	0.00	0.00	0.00
Philippines	4.64	4.76	4.75	4.75	4.08	4.14	4.11	4.11	11.93	12.42	12.30	12.30	0.00	0.00	-0.12	-0.93
Cambodia	3.26	3.27	3.30	3.30	2.89	2.90	2.93	2.93	5.74	5.78	5.90	5.90	0.00	0.00	0.12	2.02
Laos	0.84	0.96	0.97	0.97	3.01	3.14	3.19	3.19	1.60	1.90	1.95	1.95	0.00	0.00	0.05	2.63
Malaysia	0.70	0.68	0.68	0.68	4.01	4.07	4.07	4.07	1.83	1.80	1.80	1.80	0.00	0.00	0.00	0.00
<b>South America</b>																
Brazil	1.67	1.68	1.70	1.70	6.71	7.00	6.94	6.94	7.60	8.00	8.02	8.02	0.00	0.00	0.02	0.29
Peru	0.41	0.42	0.41	0.41	7.46	7.76	7.90	7.90	2.13	2.25	2.24	2.24	0.00	0.00	-0.02	-0.67
<b>Africa</b>																
Egypt	0.76	0.70	0.50	0.50	8.20	8.28	8.41	8.41	4.30	4.00	2.90	2.90	0.00	0.00	-1.10	-27.50
Madagascar	1.40	1.40	1.40	1.40	3.02	3.02	2.86	2.86	2.71	2.71	2.56	2.56	0.00	0.00	-0.15	-5.43
Nigeria	3.50	3.60	3.65	3.65	2.29	2.16	2.17	2.17	5.04	4.89	5.00	5.00	0.00	0.00	0.11	2.25
<b>European Union</b>	0.42	0.42	0.41	0.41	6.96	6.78	6.68	6.68	1.99	1.95	1.85	1.85	0.00	0.00	-0.10	-4.97
<b>Iran</b>	0.58	0.58	0.56	0.56	5.25	5.27	5.14	5.14	1.99	2.00	1.90	1.90	0.00	0.00	-0.10	-5.00
<b>Others</b>	13.35	13.39	13.55	13.51	2.85	2.86	2.93	2.87	25.07	25.26	26.19	25.61	-0.58	-2.20	0.36	1.41

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. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World Total</b>	--	--	--	--	--	--	--	--	581.00	603.75	627.58	619.17	-8.42	-1.34	15.42	2.55
<b>Total Foreign</b>	--	--	--	--	--	--	--	--	474.02	479.25	497.32	488.58	-8.75	-1.76	9.32	1.95
<b>Oilseed, Copra</b>	--	--	--	--	--	--	--	--	5.66	5.56	5.82	5.82	0.01	0.09	0.26	4.71
<b>Oilseed, Palm Kernel</b>	--	--	--	--	--	--	--	--	19.30	19.03	19.94	19.74	-0.20	-1.00	0.71	3.75
<b>Major OilSeeds</b>	245.93	250.55	258.69	258.13	2.26	2.31	2.33	2.30	556.04	579.16	601.82	593.60	-8.22	-1.37	14.44	2.49
<b>United States</b>	36.83	38.83	40.97	40.95	2.91	3.21	3.18	3.19	106.98	124.49	130.26	130.59	0.33	0.25	6.10	4.90
<b>Foreign Oilseeds</b>	209.11	211.71	217.72	217.18	2.15	2.15	2.17	2.13	449.06	454.66	471.56	463.01	-8.55	-1.81	8.35	1.84
<b>South America</b>	64.00	65.34	67.53	67.13	3.18	3.20	3.26	3.14	203.24	208.86	220.15	210.65	-9.50	-4.31	1.79	0.86
Brazil	38.77	40.47	42.21	42.21	3.45	3.52	3.53	3.41	133.78	142.28	149.13	144.13	-5.00	-3.35	1.85	1.30
Argentina	19.03	19.01	18.85	18.65	2.82	2.70	2.90	2.77	53.64	51.24	54.66	51.66	-3.00	-5.48	0.42	0.81
Paraguay	3.57	3.24	3.49	3.29	2.90	3.09	2.90	2.62	10.36	10.02	10.12	8.62	-1.50	-14.82	-1.40	-13.96
Bolivia	1.49	1.51	1.53	1.53	2.00	2.09	2.07	2.07	2.99	3.15	3.16	3.16	0.00	0.00	0.01	0.44
Uruguay	0.98	0.97	1.32	1.32	2.14	1.87	2.06	2.06	2.09	1.82	2.72	2.72	0.00	0.00	0.90	49.42
<b>China</b>	24.91	25.50	24.15	24.15	2.51	2.57	2.57	2.57	62.44	65.58	62.00	62.08	0.08	0.13	-3.50	-5.33
<b>South Asia</b>	40.95	41.95	42.57	42.32	0.96	0.97	1.02	1.03	39.13	40.70	43.30	43.74	0.45	1.03	3.05	7.49
India	37.50	38.65	39.50	39.25	0.94	0.97	1.00	1.02	35.20	37.55	39.66	40.07	0.40	1.02	2.51	6.69
Pakistan	3.08	2.94	2.70	2.70	1.13	0.92	1.18	1.20	3.49	2.69	3.19	3.23	0.04	1.35	0.54	20.05
<b>European Union</b>	10.65	10.79	10.95	11.04	2.62	2.62	2.80	2.81	27.95	28.25	30.63	30.98	0.35	1.14	2.72	9.64
<b>United Kingdom</b>	0.50	0.38	0.32	0.32	3.38	2.77	3.41	3.41	1.68	1.05	1.08	1.08	0.00	0.00	0.03	2.38
<b>Former Soviet Union - 12</b>	26.07	25.79	27.31	27.31	1.96	1.73	1.92	1.92	51.10	44.70	52.41	52.41	0.00	0.00	7.71	17.25
Russia	12.56	12.50	14.20	14.20	1.73	1.61	1.63	1.63	21.70	20.14	23.10	23.10	0.00	0.00	2.96	14.68
Ukraine	9.70	9.65	9.35	9.35	2.52	2.06	2.59	2.59	24.46	19.85	24.25	24.25	0.00	0.00	4.40	22.17
Uzbekistan	1.02	0.99	1.00	1.00	1.39	1.43	1.39	1.39	1.43	1.42	1.38	1.38	0.00	0.00	-0.04	-2.68
<b>Canada</b>	10.77	10.41	11.18	11.18	2.43	2.49	1.70	1.70	26.12	25.95	18.95	18.95	0.00	0.00	-6.99	-26.95
<b>Africa</b>	22.87	22.66	23.83	23.83	1.03	1.02	1.03	1.03	23.49	23.17	24.59	24.59	0.00	0.00	1.42	6.11
Nigeria	4.32	4.62	4.97	4.97	1.38	1.22	1.25	1.25	5.96	5.65	6.20	6.20	0.00	0.00	0.55	9.73
South Africa	1.27	1.37	1.54	1.54	1.70	1.96	1.82	1.82	2.16	2.68	2.81	2.81	0.00	0.00	0.13	4.89
Tanzania	1.60	1.45	1.60	1.60	0.85	0.82	0.85	0.85	1.36	1.19	1.36	1.36	0.00	0.00	0.17	14.27
<b>Southeast Asia</b>	3.12	3.25	3.20	3.20	1.38	1.36	1.37	1.37	4.30	4.41	4.38	4.38	0.00	0.00	-0.04	-0.79
Burma	1.87	2.03	2.04	2.04	1.18	1.17	1.19	1.19	2.21	2.37	2.42	2.42	0.00	0.00	0.04	1.81
Indonesia	0.95	0.94	0.89	0.89	1.55	1.54	1.55	1.55	1.47	1.45	1.39	1.39	0.00	0.00	-0.06	-4.15
<b>Australia</b>	2.12	2.78	3.65	3.68	1.19	1.95	1.96	1.97	2.53	5.43	7.18	7.24	0.06	0.84	1.81	33.26
<b>Turkey</b>	1.42	1.18	1.32	1.32	2.33	2.46	2.55	2.55	3.31	2.89	3.35	3.35	0.00	0.00	0.46	15.86
<b>Others</b>	1.72	1.68	1.72	1.72	2.19	2.19	2.07	2.08	3.76	3.67	3.56	3.56	0.01	0.23	-0.11	-2.97

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	122.93	127.88	130.45	130.00	2.76	2.86	2.93	2.87	339.88	366.23	381.78	372.56	-9.22	-2.41	6.33	1.73
<b>United States</b>	30.33	33.43	34.98	34.94	3.19	3.43	3.44	3.45	96.67	114.75	120.43	120.71	0.28	0.23	5.96	5.19
<b>Total Foreign</b>	92.60	94.46	95.47	95.06	2.63	2.66	2.74	2.65	243.21	251.48	261.36	251.86	-9.50	-3.63	0.37	0.15
<b>South America</b>																
Brazil	36.90	38.90	40.40	40.40	3.48	3.55	3.56	3.44	128.50	138.00	144.00	139.00	-5.00	-3.47	1.00	0.72
Argentina	16.70	16.47	16.40	16.20	2.92	2.81	3.02	2.87	48.80	46.20	49.50	46.50	-3.00	-6.06	0.30	0.65
Paraguay	3.50	3.15	3.40	3.20	2.93	3.14	2.94	2.66	10.25	9.90	10.00	8.50	-1.50	-15.00	-1.40	-14.14
Bolivia	1.36	1.39	1.40	1.40	2.08	2.17	2.14	2.14	2.83	3.00	3.00	3.00	0.00	0.00	0.00	0.00
Uruguay	0.92	0.91	1.25	1.25	2.17	1.88	2.08	2.08	1.99	1.71	2.60	2.60	0.00	0.00	0.89	52.31
<b>East Asia</b>																
China	9.33	9.88	8.40	8.40	1.94	1.98	1.95	1.95	18.09	19.60	16.40	16.40	0.00	0.00	-3.20	-16.34
Korea, South	0.06	0.06	0.06	0.06	1.81	1.47	1.71	1.71	0.11	0.08	0.09	0.09	0.00	0.00	0.01	16.05
Korea, North	0.16	0.16	0.17	0.17	1.70	1.40	1.44	1.44	0.26	0.23	0.24	0.24	0.00	0.00	0.01	3.48
Japan	0.14	0.14	0.15	0.15	1.47	1.65	1.66	1.66	0.21	0.24	0.24	0.24	0.00	0.00	0.01	2.55
<b>India</b>	12.19	12.70	12.50	12.50	0.76	0.82	0.95	0.95	9.30	10.45	11.90	11.90	0.00	0.00	1.45	13.88
<b>Canada</b>	2.27	2.04	2.13	2.13	2.71	3.12	2.94	2.94	6.15	6.36	6.27	6.27	0.00	0.00	-0.09	-1.37
<b>Former Soviet Union - 12</b>																
Russia	2.78	2.71	3.00	3.00	1.57	1.59	1.60	1.60	4.36	4.31	4.80	4.80	0.00	0.00	0.49	11.45
Ukraine	1.96	1.46	1.40	1.40	2.29	2.05	2.64	2.64	4.50	3.00	3.70	3.70	0.00	0.00	0.70	23.33
<b>European Union</b>	0.90	0.94	0.94	0.94	2.89	2.74	2.93	2.93	2.62	2.58	2.75	2.75	0.00	0.00	0.18	6.80
<b>Southeast Asia</b>																
Indonesia	0.40	0.39	0.35	0.35	1.20	1.22	1.21	1.21	0.48	0.48	0.43	0.43	0.00	0.00	-0.05	-10.53
Vietnam	0.04	0.04	0.03	0.03	1.57	1.57	1.67	1.67	0.07	0.06	0.05	0.05	0.00	0.00	-0.01	-9.09
Thailand	0.03	0.03	0.03	0.03	1.53	1.63	1.63	1.63	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00
Burma	0.14	0.14	0.13	0.13	1.04	1.04	1.04	1.04	0.14	0.14	0.14	0.14	0.00	0.00	-0.01	-3.57
<b>Serbia</b>	0.22	0.22	0.22	0.22	2.73	2.89	2.45	2.45	0.60	0.64	0.54	0.54	0.00	0.00	-0.10	-14.96
<b>Mexico</b>	0.15	0.16	0.19	0.19	1.57	1.58	1.58	1.62	0.24	0.25	0.30	0.30	0.00	0.00	0.05	21.95
<b>Africa</b>																
South Africa	0.71	0.83	0.93	0.93	1.77	2.28	2.00	2.00	1.25	1.89	1.85	1.85	0.00	0.00	-0.04	-2.17
Nigeria	1.04	1.10	1.20	1.20	1.11	0.95	1.04	1.04	1.15	1.05	1.25	1.25	0.00	0.00	0.20	19.05
Zambia	0.20	0.16	0.30	0.30	1.43	1.81	0.84	0.84	0.28	0.30	0.25	0.25	0.00	0.00	-0.05	-15.82
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
<b>Middle East</b>																
Iran	0.07	0.07	0.07	0.07	2.43	2.41	2.29	2.29	0.17	0.17	0.16	0.16	0.00	0.00	-0.01	-5.33
Turkey	0.03	0.03	0.03	0.03	3.89	3.79	3.67	3.67	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00
<b>Others</b>	0.35	0.34	0.35	0.35	1.95	2.03	2.02	2.02	0.69	0.69	0.71	0.71	0.00	0.00	0.02	3.35

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	34.12	30.82	32.05	32.10	1.29	1.33	1.37	1.37	43.95	40.86	44.02	43.81	-0.20	-0.46	2.95	7.23
<b>United States</b>	4.65	3.35	4.02	4.03	1.16	1.20	1.26	1.21	5.39	4.02	5.06	4.88	-0.18	-3.58	0.86	21.25
<b>Total Foreign</b>	29.47	27.47	28.04	28.06	1.31	1.34	1.39	1.39	38.56	36.84	38.96	38.94	-0.02	-0.05	2.10	5.70
<b>South Asia</b>																
India	13.40	13.00	12.40	12.40	0.90	0.90	0.96	0.94	12.10	11.72	11.89	11.68	-0.21	-1.78	-0.04	-0.37
Pakistan	2.45	2.20	2.00	2.00	1.10	0.89	1.23	1.26	2.69	1.95	2.47	2.51	0.04	1.74	0.56	28.89
<b>China</b>	3.45	3.25	3.10	3.10	3.10	3.50	3.39	3.41	10.68	11.37	10.50	10.58	0.08	0.77	-0.78	-6.90
<b>Former Soviet Union - 12</b>																
Uzbekistan	1.01	0.98	0.98	0.98	1.36	1.41	1.36	1.36	1.37	1.37	1.33	1.33	0.00	0.00	-0.04	-2.84
Turkmenistan	0.55	0.55	0.55	0.55	0.66	0.66	0.64	0.64	0.36	0.36	0.35	0.35	0.00	0.00	-0.01	-2.22
Tajikistan	0.18	0.16	0.17	0.17	1.27	1.11	1.15	1.15	0.23	0.18	0.20	0.20	0.00	0.00	0.02	9.55
Kazakhstan	0.13	0.11	0.12	0.12	1.13	0.95	0.90	0.90	0.14	0.11	0.10	0.10	0.00	0.00	0.00	-1.90
<b>South America</b>																
Brazil	1.67	1.37	1.60	1.60	2.75	2.62	2.74	2.74	4.58	3.59	4.38	4.38	0.00	0.00	0.79	21.99
Argentina	0.42	0.45	0.45	0.45	0.68	0.67	0.70	0.70	0.28	0.30	0.32	0.32	0.00	0.00	0.02	5.33
<b>Middle East</b>																
Turkey	0.57	0.35	0.45	0.45	1.98	2.71	2.76	2.76	1.13	0.95	1.24	1.24	0.00	0.00	0.29	31.05
Syria	0.03	0.03	0.03	0.03	2.36	2.36	2.20	2.20	0.06	0.06	0.06	0.06	0.00	0.00	0.00	-6.78
Iran	0.08	0.08	0.08	0.08	1.16	1.16	1.10	1.10	0.09	0.09	0.09	0.09	0.00	0.00	-0.01	-5.38
<b>Australia</b>	0.06	0.28	0.60	0.63	3.12	3.06	2.65	2.64	0.19	0.84	1.59	1.65	0.06	3.77	0.81	96.43
<b>European Union</b>	0.35	0.34	0.32	0.32	1.81	1.58	1.48	1.48	0.64	0.54	0.48	0.48	0.00	0.00	-0.06	-11.36
<b>Africa</b>																
Burkina Faso	0.58	0.56	0.60	0.60	0.42	0.46	0.44	0.44	0.24	0.25	0.26	0.26	0.00	0.00	0.01	3.56
Mali	0.74	0.17	0.72	0.72	0.52	0.49	0.55	0.55	0.38	0.08	0.40	0.40	0.00	0.00	0.32	388.89
Cameroon	0.25	0.23	0.23	0.23	1.29	1.51	1.52	1.52	0.32	0.34	0.35	0.35	0.00	0.00	0.01	2.94
Cote d'Ivoire	0.41	0.45	0.48	0.48	0.66	0.61	0.62	0.62	0.27	0.27	0.29	0.29	0.00	0.00	0.02	8.89
Benin	0.67	0.62	0.64	0.64	0.71	0.78	0.78	0.78	0.47	0.48	0.50	0.50	0.00	0.00	0.02	3.55
Tanzania	0.60	0.45	0.60	0.60	0.43	0.20	0.44	0.44	0.26	0.09	0.26	0.26	0.00	0.00	0.17	186.81
Egypt	0.10	0.07	0.10	0.10	0.92	1.00	1.00	1.00	0.09	0.07	0.10	0.10	0.00	0.00	0.04	53.85
Nigeria	0.15	0.27	0.27	0.27	0.57	0.56	0.56	0.56	0.09	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Uganda	0.09	0.10	0.10	0.10	1.67	1.40	1.40	1.40	0.15	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Zimbabwe	0.18	0.24	0.21	0.21	0.40	0.55	0.36	0.36	0.07	0.13	0.08	0.08	0.00	0.00	-0.06	-42.86
Sudan	0.20	0.20	0.20	0.20	1.53	1.41	1.41	1.41	0.31	0.28	0.28	0.28	0.00	0.00	0.00	0.00
<b>Mexico</b>	0.23	0.15	0.15	0.15	2.37	2.40	2.33	2.39	0.53	0.35	0.35	0.36	0.01	2.29	0.01	2.87
<b>Burma</b>	0.25	0.24	0.25	0.25	1.22	1.17	1.18	1.18	0.30	0.28	0.29	0.29	0.00	0.00	0.01	3.57
<b>Others</b>	0.72	0.63	0.66	0.66	0.76	0.81	0.79	0.79	0.55	0.51	0.52	0.52	0.00	0.00	0.01	1.96

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	28.18	30.19	29.82	29.82	1.72	1.64	1.70	1.70	48.43	49.55	50.63	50.70	0.07	0.13	1.14	2.31
<b>United States</b>	0.56	0.65	0.62	0.63	4.41	4.27	4.57	4.64	2.48	2.79	2.83	2.90	0.07	2.33	0.11	3.76
<b>Total Foreign</b>	27.62	29.54	29.20	29.20	1.66	1.58	1.64	1.64	45.95	46.76	47.80	47.80	0.00	0.00	1.04	2.22
<b>China</b>	4.63	4.73	4.75	4.75	3.78	3.80	3.83	3.83	17.52	17.99	18.20	18.20	0.00	0.00	0.21	1.15
<b>Africa</b>																
Nigeria	3.13	3.25	3.50	3.50	1.51	1.37	1.37	1.37	4.72	4.45	4.80	4.80	0.00	0.00	0.35	7.87
Sudan	3.13	3.48	3.00	3.00	0.90	0.69	0.83	0.83	2.83	2.40	2.50	2.50	0.00	0.00	0.10	4.17
Senegal	1.11	1.23	1.20	1.20	1.28	1.47	1.42	1.42	1.42	1.80	1.70	1.70	0.00	0.00	-0.10	-5.40
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	0.33	0.33	0.33	0.33	1.36	1.36	1.36	1.36	0.45	0.45	0.45	0.45	0.00	0.00	0.00	0.00
Chad	0.79	0.80	0.80	0.80	1.14	1.13	1.13	1.13	0.90	0.90	0.90	0.90	0.00	0.00	0.00	0.00
Malawi	0.40	0.40	0.40	0.40	0.88	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	0.92	0.90	0.90	0.90	0.46	0.45	0.45	0.45	0.00	0.00	0.00	0.00
Niger	0.90	0.92	0.92	0.92	0.60	0.60	0.60	0.60	0.54	0.55	0.55	0.55	0.00	0.00	0.00	0.00
Mali	0.45	0.43	0.43	0.43	0.82	1.00	1.00	1.00	0.37	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 Faso	0.49	0.49	0.50	0.50	0.81	0.82	0.80	0.80	0.40	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Guinea	0.91	0.90	0.90	0.90	1.05	1.00	1.00	1.00	0.96	0.90	0.90	0.90	0.00	0.00	0.00	0.00
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	0.04	0.04	0.04	0.04	1.76	2.00	2.00	2.00	0.07	0.08	0.08	0.08	0.00	0.00	0.00	0.00
Mozambique	0.53	0.35	0.38	0.38	0.28	0.30	0.34	0.34	0.15	0.10	0.13	0.13	0.00	0.00	0.03	26.21
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	0.19	0.19	0.19	0.19	0.92	0.92	0.92	0.92	0.18	0.18	0.18	0.18	0.00	0.00	0.00	0.00
<b>South Asia</b>																
India	4.83	6.00	5.80	5.80	1.30	1.12	1.17	1.17	6.26	6.70	6.80	6.80	0.00	0.00	0.10	1.49
Pakistan	0.10	0.14	0.10	0.10	0.92	0.89	0.92	0.92	0.10	0.12	0.09	0.09	0.00	0.00	-0.03	-26.83
<b>Southeast Asia</b>																
Indonesia	0.55	0.55	0.54	0.54	1.80	1.78	1.78	1.78	0.99	0.97	0.96	0.96	0.00	0.00	-0.01	-1.03
Burma	0.89	1.06	1.06	1.06	1.55	1.48	1.51	1.51	1.38	1.56	1.60	1.60	0.00	0.00	0.04	2.43
Vietnam	0.17	0.17	0.16	0.16	2.50	2.50	2.50	2.50	0.43	0.41	0.40	0.40	0.00	0.00	-0.01	-3.15
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
<b>South America</b>																
Argentina	0.37	0.40	0.38	0.38	3.50	3.16	3.68	3.68	1.29	1.27	1.40	1.40	0.00	0.00	0.13	10.24
Brazil	0.16	0.17	0.18	0.18	3.93	3.88	3.89	3.89	0.63	0.64	0.70	0.70	0.00	0.00	0.06	9.38
<b>Mexico</b>	0.05	0.06	0.05	0.05	1.74	1.73	1.74	1.74	0.08	0.10	0.09	0.09	0.00	0.00	-0.01	-9.80
<b>Others</b>	1.79	1.79	1.90	1.90	1.12	1.15	1.18	1.18	2.00	2.05	2.24	2.24	0.00	0.00	0.19	9.26

World and Selected Countries and Regions

**Table 14 Sunflowerseed Area, Yield, and Production**

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	26.03	26.94	28.44	28.42	2.08	1.83	2.01	2.01	54.18	49.30	57.04	57.26	0.22	0.38	7.96	16.14
<b>United States</b>	0.51	0.67	0.50	0.50	1.75	2.01	1.74	1.72	0.89	1.35	0.86	0.86	0.00	0.12	-0.49	-36.22
<b>Total Foreign</b>	25.52	26.27	27.95	27.92	2.09	1.83	2.01	2.02	53.29	47.95	56.18	56.39	0.22	0.38	8.45	17.61
<b>Former Soviet Union - 12</b>																
Russia	8.36	8.35	9.60	9.60	1.83	1.59	1.61	1.61	15.31	13.27	15.50	15.50	0.00	0.00	2.23	16.81
Ukraine	6.40	7.00	6.90	6.90	2.58	2.01	2.54	2.54	16.50	14.10	17.50	17.50	0.00	0.00	3.40	24.11
Kazakhstan	0.82	0.75	0.92	0.92	1.03	1.13	1.20	1.20	0.84	0.84	1.10	1.10	0.00	0.00	0.26	30.33
<b>European Union</b>	4.32	4.35	4.39	4.41	2.19	2.04	2.31	2.36	9.46	8.85	10.15	10.40	0.25	2.46	1.55	17.50
<b>South America</b>																
Argentina	1.53	1.67	1.60	1.60	2.11	2.05	2.13	2.13	3.24	3.43	3.40	3.40	0.00	0.00	-0.03	-0.87
Uruguay	0.06	0.07	0.07	0.07	1.67	1.69	1.69	1.69	0.10	0.11	0.12	0.12	0.00	0.00	0.01	4.55
Bolivia	0.14	0.13	0.13	0.13	1.19	1.20	1.30	1.30	0.16	0.15	0.16	0.16	0.00	0.00	0.01	9.33
Brazil	0.05	0.03	0.03	0.03	1.60	1.61	1.63	1.63	0.08	0.05	0.05	0.05	0.00	0.00	0.00	-2.00
Paraguay	0.03	0.03	0.03	0.03	1.39	1.53	1.55	1.55	0.04	0.05	0.05	0.05	0.00	0.00	0.00	4.35
<b>China</b>	0.92	0.87	1.10	1.10	2.91	2.94	2.64	2.64	2.66	2.57	2.90	2.90	0.00	0.00	0.33	12.84
<b>South Asia</b>																
India	0.23	0.25	0.30	0.25	0.61	0.76	0.75	0.76	0.14	0.19	0.23	0.19	-0.04	-15.56	0.01	2.70
Pakistan	0.14	0.15	0.15	0.15	1.04	1.07	1.10	1.10	0.15	0.16	0.17	0.17	0.00	0.00	0.01	3.13
<b>Middle East</b>																
Turkey	0.73	0.72	0.76	0.76	2.40	2.17	2.30	2.30	1.75	1.56	1.75	1.75	0.00	0.00	0.19	12.18
Iran	0.04	0.04	0.04	0.04	1.08	1.08	1.00	1.00	0.04	0.04	0.04	0.04	0.00	0.00	0.00	2.33
Israel	0.00	0.00	0.00	0.00	5.00	9.00	7.00	7.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	-22.22
<b>Africa</b>																
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	1.32	1.25	1.25	1.25	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
South Africa	0.50	0.48	0.56	0.56	1.58	1.41	1.52	1.52	0.79	0.68	0.85	0.85	0.00	0.00	0.17	25.55
<b>Burma</b>	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
<b>Canada</b>	0.03	0.05	0.04	0.04	2.17	2.24	2.05	2.05	0.06	0.10	0.08	0.08	0.00	0.00	-0.02	-18.81
<b>Australia</b>	0.01	0.02	0.02	0.02	1.22	1.50	1.39	1.39	0.01	0.03	0.03	0.03	0.00	0.00	0.00	-7.41
<b>Others</b>	0.60	0.70	0.68	0.68	2.55	1.90	2.45	2.45	1.54	1.33	1.67	1.67	0.00	0.00	0.34	25.36

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. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MMT	Percent	From last year MMT	Percent
<b>World</b>	34.68	34.71	37.93	37.79	2.01	2.11	1.80	1.83	69.60	73.21	68.35	69.27	0.92	1.34	-3.94	-5.38
<b>United States</b>	0.78	0.73	0.86	0.85	2.00	2.16	1.26	1.46	1.55	1.58	1.08	1.24	0.16	15.08	-0.33	-21.02
<b>Total Foreign</b>	33.90	33.98	37.07	36.94	2.01	2.11	1.81	1.84	68.05	71.63	67.27	68.03	0.75	1.12	-3.61	-5.04
<b>European Union</b>	5.08	5.17	5.30	5.37	3.00	3.15	3.25	3.23	15.24	16.29	17.25	17.35	0.10	0.58	1.06	6.51
<b>United Kingdom</b>	0.50	0.38	0.32	0.32	3.38	2.77	3.41	3.41	1.68	1.05	1.08	1.08	0.00	0.00	0.03	2.38
<b>Switzerland</b>	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
<b>Canada</b>	8.47	8.33	9.01	9.01	2.35	2.34	1.40	1.40	19.91	19.49	12.60	12.60	0.00	0.00	-6.89	-35.33
<b>China</b>	6.58	6.77	6.80	6.80	2.05	2.08	2.06	2.06	13.49	14.05	14.00	14.00	0.00	0.00	-0.05	-0.35
<b>South Asia</b>																
India	6.86	6.70	8.50	8.30	1.08	1.27	1.04	1.14	7.40	8.50	8.85	9.50	0.65	7.34	1.00	11.76
Pakistan	0.39	0.45	0.45	0.45	1.45	1.02	1.03	1.03	0.56	0.46	0.47	0.47	0.00	0.00	0.01	1.09
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
<b>Former Soviet Union - 12</b>																
Russia	1.42	1.45	1.60	1.60	1.44	1.77	1.75	1.75	2.04	2.57	2.80	2.80	0.00	0.00	0.23	9.08
Ukraine	1.34	1.19	1.05	1.05	2.59	2.31	2.90	2.90	3.47	2.75	3.05	3.05	0.00	0.00	0.30	10.91
Belarus	0.34	0.36	0.32	0.32	1.68	2.06	1.59	1.59	0.58	0.73	0.50	0.50	0.00	0.00	-0.23	-31.60
Kazakhstan	0.27	0.12	0.11	0.11	0.90	1.23	1.00	1.00	0.24	0.15	0.11	0.11	0.00	0.00	-0.04	-28.10
<b>Australia</b>	2.03	2.45	3.00	3.00	1.13	1.84	1.83	1.83	2.30	4.50	5.50	5.50	0.00	0.00	1.00	22.22
<b>South America</b>																
Chile	0.04	0.04	0.04	0.04	4.05	3.81	4.00	4.00	0.15	0.14	0.14	0.14	0.00	0.00	0.00	-0.71
Paraguay	0.04	0.05	0.04	0.04	1.71	1.41	1.45	1.45	0.06	0.07	0.06	0.06	0.00	0.00	0.00	-1.54
<b>Ethiopia</b>	0.02	0.03	0.03	0.03	1.83	1.80	1.80	1.80	0.04	0.05	0.05	0.05	0.00	0.00	0.00	0.00
<b>Others</b>	0.26	0.24	0.25	0.25	2.26	2.25	2.09	2.09	0.59	0.55	0.52	0.53	0.00	0.76	-0.02	-4.18

World and Selected Countries and Regions

**Table 16 Copra, Palm Kernel, and Palm Oil Production**

Country / Region	Production (Million metric tons)				Change in Production			
	Prel.	2020/21	2021/22 Proj. Dec	Jan	From last month		From last year	
	2019/20	MMT	Percent	MMT	Percent			
<b>Oilseed, Copra</b>								
Philippines	2.50	2.40	2.60	2.60	0.00	0.00	0.20	8.33
Indonesia	1.66	1.67	1.68	1.68	0.00	0.00	0.01	0.60
India	0.75	0.75	0.79	0.79	0.00	0.00	0.04	5.33
Vietnam	0.28	0.28	0.29	0.29	0.00	0.00	0.01	3.57
Papua New Guinea	0.08	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
Mexico	0.04	0.04	0.04	0.05	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	5.66	5.56	5.82	5.82	0.00	0.00	0.26	4.68
<b>Oilseed, Palm Kernel</b>								
Indonesia	11.25	11.46	11.70	11.70	0.00	0.00	0.24	2.09
Malaysia	4.75	4.34	4.80	4.60	-0.20	-4.17	0.26	5.99
Nigeria	0.88	0.82	0.90	0.90	0.00	0.00	0.08	9.76
Thailand	0.75	0.79	0.85	0.85	0.00	0.00	0.06	7.59
Colombia	0.31	0.29	0.30	0.30	0.00	0.00	0.01	3.45
Guatemala	0.17	0.17	0.18	0.18	0.00	0.00	0.01	5.88
Papua New Guinea	0.16	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	0.15	0.15	0.00	0.00	0.00	0.00
Honduras	0.18	0.13	0.16	0.16	0.00	0.00	0.03	23.08
World	19.30	19.03	19.94	19.74	-0.20	-1.00	0.71	3.73
<b>Oil, Palm</b>								
Indonesia	42.50	43.50	44.50	44.50	0.00	0.00	1.00	2.30
Malaysia	19.26	17.85	19.70	18.70	-1.00	-5.08	0.85	4.76
Thailand	2.65	2.80	3.12	3.12	0.00	0.00	0.32	11.43
Colombia	1.53	1.56	1.65	1.65	0.00	0.00	0.09	5.77
Nigeria	1.14	1.28	1.40	1.40	0.00	0.00	0.13	10.24
Guatemala	0.86	0.87	0.88	0.88	0.00	0.00	0.02	2.33
Papua New Guinea	0.56	0.56	0.57	0.57	0.00	0.00	0.00	0.00
Brazil	0.54	0.55	0.55	0.55	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.52	0.52	0.52	0.52	0.00	0.00	0.00	0.00
Ecuador	0.46	0.49	0.56	0.56	0.00	0.00	0.07	14.29
World	72.97	72.87	76.54	75.54	-1.00	-1.31	2.67	3.66

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			
	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	Prel. 2019/20	2020/21	2021/22 Proj. Dec	Jan	From last month MBales	Percent	From last year MBales	Percent
<b>World</b>	34.73	31.40	32.65	32.70	758	775	811	805	120.99	111.70	121.57	120.96	-0.61	-0.50	9.25	8.28
<b>United States</b>	4.65	3.35	4.02	4.03	932	950	992	951	19.91	14.61	18.28	17.62	-0.66	-3.61	3.02	20.65
<b>Total Foreign</b>	30.08	28.05	28.64	28.66	732	754	785	785	101.07	97.10	103.28	103.33	0.05	0.05	6.24	6.42
<b>South Asia</b>																
India	13.40	13.00	12.40	12.40	463	462	492	483	28.50	27.60	28.00	27.50	-0.50	-1.79	-0.10	-0.36
Pakistan	2.45	2.20	2.00	2.00	551	445	621	631	6.20	4.50	5.70	5.80	0.10	1.75	1.30	28.89
<b>China</b>	3.45	3.25	3.10	3.10	1,720	1,976	1,879	1,896	27.25	29.50	26.75	27.00	0.25	0.93	-2.50	-8.47
<b>South America</b>																
Brazil	1.67	1.37	1.60	1.60	1,802	1,720	1,796	1,796	13.78	10.82	13.20	13.20	0.00	0.00	2.38	22.00
Argentina	0.42	0.45	0.45	0.45	682	668	702	702	1.30	1.38	1.45	1.45	0.00	0.00	0.07	5.07
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
<b>Africa</b>																
Burkina Faso	0.58	0.56	0.60	0.60	330	358	348	348	0.88	0.92	0.95	0.95	0.00	0.00	0.04	3.83
Mali	0.74	0.17	0.72	0.72	400	376	423	423	1.35	0.29	1.40	1.40	0.00	0.00	1.12	391.23
Cote d'Ivoire	0.41	0.45	0.48	0.48	528	494	504	504	0.99	1.01	1.10	1.10	0.00	0.00	0.09	8.91
Benin	0.67	0.62	0.64	0.64	467	513	510	510	1.43	1.45	1.50	1.50	0.00	0.00	0.05	3.45
Egypt	0.10	0.07	0.10	0.10	664	720	718	718	0.31	0.22	0.33	0.33	0.00	0.00	0.12	53.49
Cameroon	0.25	0.23	0.23	0.23	562	658	663	663	0.65	0.68	0.70	0.70	0.00	0.00	0.02	2.94
Tanzania	0.60	0.45	0.60	0.60	216	102	218	218	0.60	0.21	0.60	0.60	0.00	0.00	0.39	185.71
Nigeria	0.15	0.27	0.27	0.27	290	282	282	282	0.20	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Zimbabwe	0.18	0.24	0.21	0.21	230	318	207	207	0.19	0.35	0.20	0.20	0.00	0.00	-0.15	-42.86
Ethiopia	0.08	0.08	0.08	0.08	680	637	637	637	0.25	0.24	0.24	0.24	0.00	0.00	0.00	0.00
<b>Former Soviet Union - 12</b>																
Uzbekistan	1.01	0.98	0.98	0.98	754	782	755	755	3.50	3.50	3.40	3.40	0.00	0.00	-0.10	-2.86
Turkmenistan	0.55	0.55	0.55	0.55	368	368	356	356	0.92	0.92	0.90	0.90	0.00	0.00	-0.02	-2.17
Tajikistan	0.18	0.16	0.17	0.17	708	619	640	640	0.59	0.46	0.50	0.50	0.00	0.00	0.05	9.89
Kazakhstan	0.13	0.11	0.12	0.12	627	534	502	502	0.36	0.27	0.27	0.27	0.00	0.00	-0.01	-1.85
<b>Middle East</b>																
Turkey	0.57	0.35	0.45	0.45	1,318	1,804	1,839	1,839	3.45	2.90	3.80	3.80	0.00	0.00	0.90	31.03
Syria	0.03	0.03	0.03	0.03	1,219	1,219	1,132	1,132	0.14	0.14	0.13	0.13	0.00	0.00	-0.01	-7.14
Iran	0.08	0.08	0.08	0.08	748	748	708	708	0.28	0.28	0.26	0.26	0.00	0.00	-0.02	-5.45
<b>Australia</b>	0.06	0.28	0.60	0.63	2,268	2,217	1,923	1,916	0.63	2.80	5.30	5.50	0.20	3.77	2.70	96.43
<b>Mexico</b>	0.23	0.15	0.15	0.15	1,519	1,532	1,524	1,524	1.57	1.02	1.05	1.05	0.00	0.00	0.03	2.94
<b>Burma</b>	0.25	0.24	0.25	0.25	641	635	644	644	0.72	0.70	0.73	0.73	0.00	0.00	0.03	3.57
<b>Others</b>	1.88	1.75	1.79	1.79	586	572	542	543	5.05	4.59	4.46	4.46	0.00	0.04	-0.13	-2.79

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 30 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				Years	
			Average	Smallest	Largest	Years		
						Below final	Above final	
			Percent				---Million metric tons---	
<b>WHEAT</b>								
World	0.7	1.1	3.0	0.0	8.3	30	9	
U.S.	0.2	0.3	0.1	0.0	0.3	17	11	
Foreign	0.8	1.3	3.0	0.1	8.3	29	10	
<b>COARSE GRAINS 2/</b>								
World	1.4	2.3	11.6	0.0	37.7	28	11	
U.S.	0.4	0.7	0.4	0.0	4.6	17	9	
Foreign	1.9	3.2	11.4	0.0	37.6	27	12	
<b>RICE (Milled)</b>								
World	1.6	2.7	4.8	0.0	13.9	32	6	
U.S.	1.6	2.7	0.1	0.0	0.3	13	7	
Foreign	1.6	2.8	4.8	0.1	13.9	33	6	
<b>SOYBEANS</b>								
World	3.4	5.7	5.0	0.0	22.4	22	17	
U.S.	1.4	2.4	0.7	0.0	2.5	17	17	
Foreign	5.7	9.6	5.1	0.2	22.6	22	17	
<b>COTTON</b>			---Million 480-lb. bales---					
World	2.5	4.3	1.9	0.0	5.4	25	13	
U.S.	1.1	1.8	0.1	0.0	0.3	14	24	
Foreign	3.1	5.2	1.9	0.0	5.7	27	11	
<b>UNITED STATES</b>			-----Million bushels-----					
<i>CORN</i>	0.4	0.7	14	0	148	4	4	
<i>SORGHUM</i>	1.0	1.7	2	0	53	1	3	
<i>BARLEY</i>	0.9	1.6	1	0	11	18	4	
<i>OATS</i>	0.4	0.7	0	0	2	5	4	

1/ Marketing years 1981/82 through 2020/21 for grains, soybeans, and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2019/20, and for 2020/21 the last month's estimate.

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