



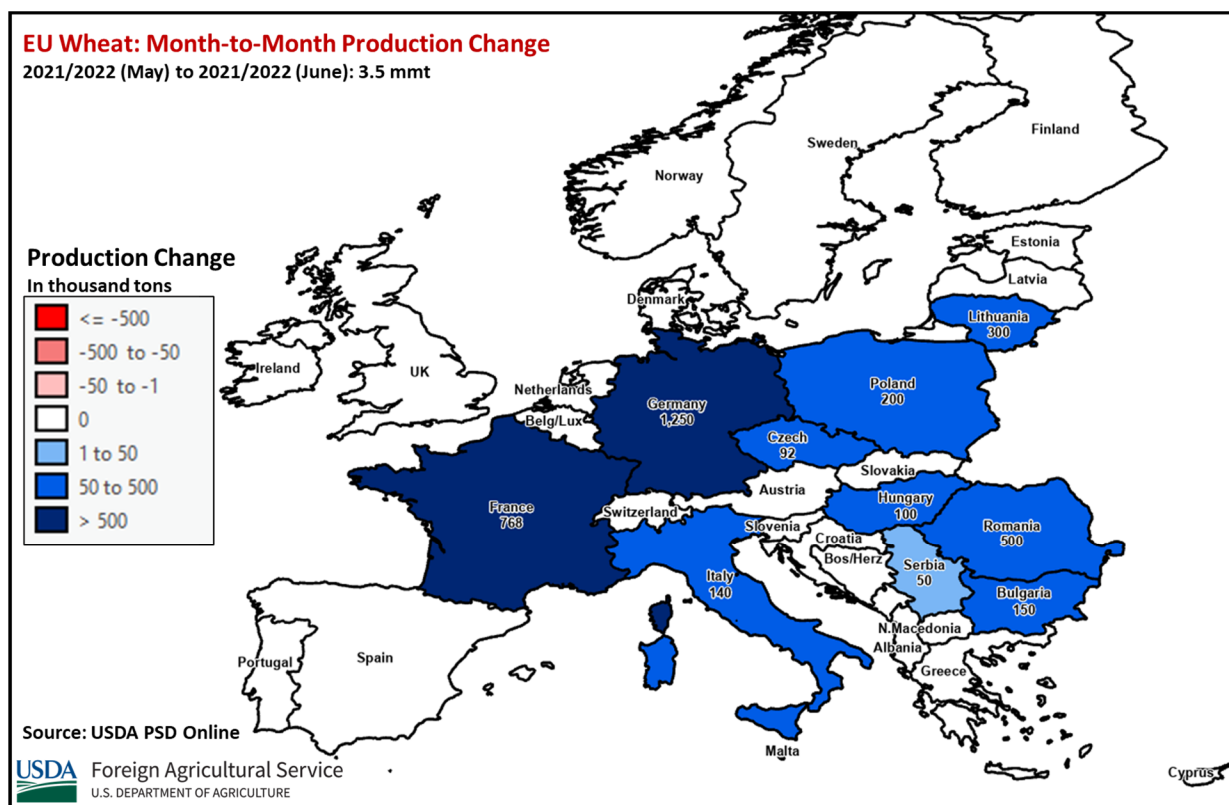
United States
Department of
Agriculture

Foreign
Agricultural
Service

Circular Series
WAP 6-21
June 2021

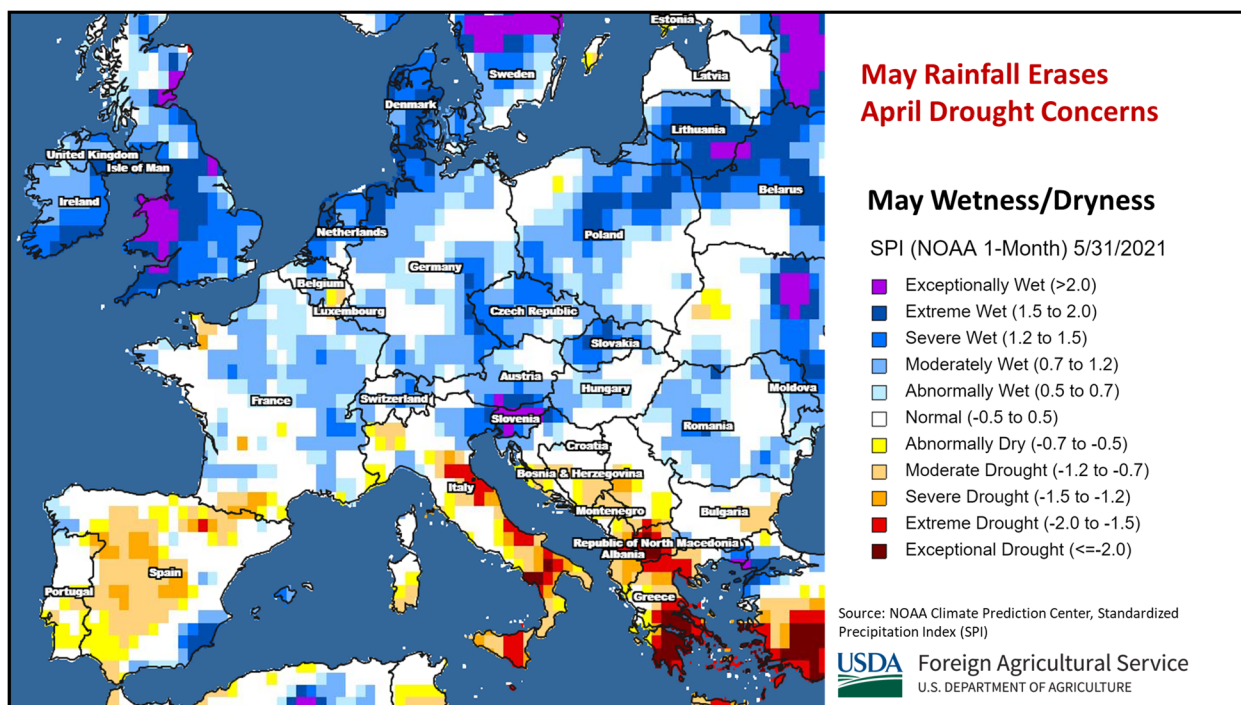
World Agricultural Production

EU Wheat: Increased Production due to May Rains

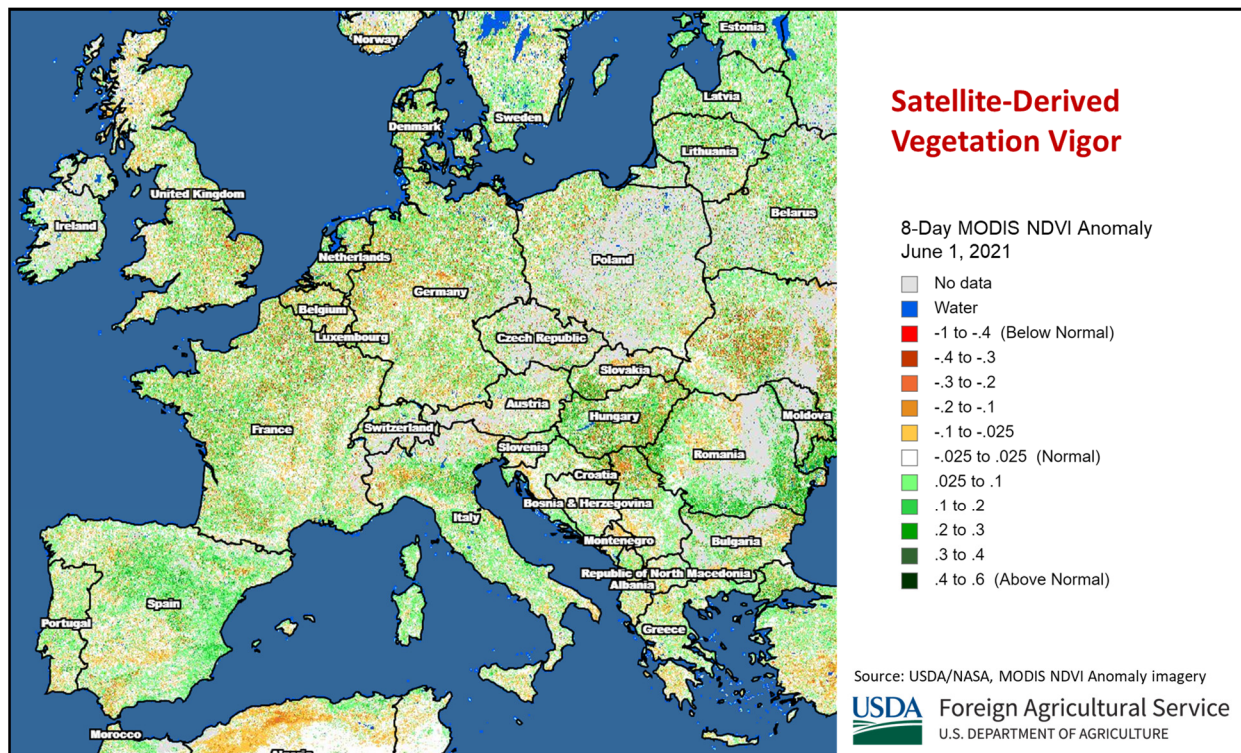


European Union (EU, 27 members) wheat production is estimated at 137.5 million metric tons (mmt), up 3.5 mmt from last month, up 11.6 mmt from last year and 5 percent above the 5-year average. Area is estimated at 23.9 million hectares (mha), unchanged from last month, but 0.8 mha (3 percent) higher than last year, but 1 percent below the 5-year average. Yield is estimated at 5.77 tons per hectare, up 3 percent from last month, up 6 percent from last year and from the 5-year average.

Approved by the World Agricultural Outlook Board



Wheat typically flowers during late May, but a cooler-than-normal April and May delayed the wheat crop by a week to ten days. Rain and cool conditions in May, however, erased growing concerns about dryness during April. Satellite-derived Normalized Difference Vegetation Index (NDVI) depicts a jump in the vegetation vigor in the wheat growing areas of Europe during May.

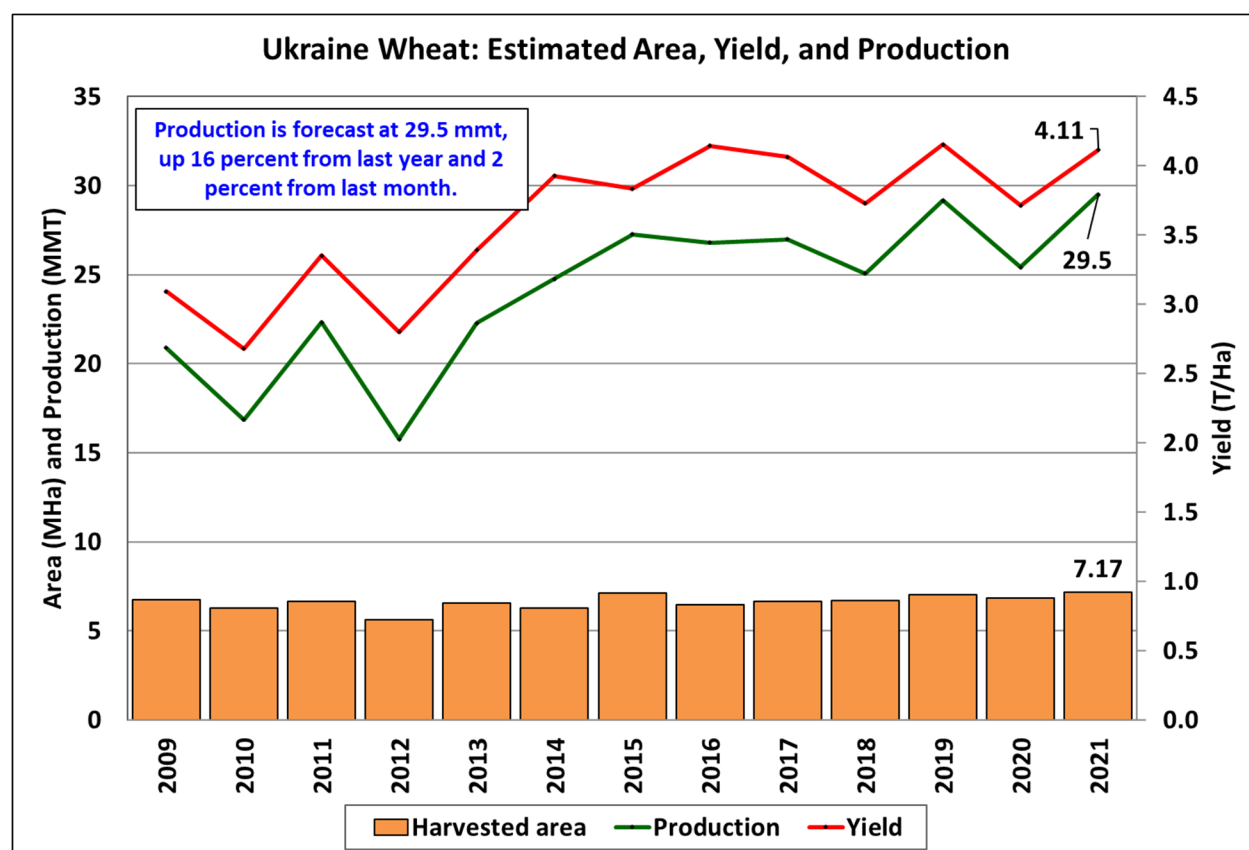


The largest EU changes this month include Germany with a 1.3 mmt increase to 22.9 mmt. France, the EU's largest wheat producer, is estimated up 0.8 mmt to 37.5 mmt. Romania, which has had very favorable weather is up 0.5 mmt to 9.2 mmt. Other notable changes include Lithuania up 0.3 mmt to 4.6 mmt, Poland up 0.2 mmt to 12.0 mmt, and Bulgaria up 0.2 mmt to 5.9 mmt.

Production data for the EU beginning in marketing year 2016/17 represents the 27 EU member states (without the UK). The UK production data can be accessed via the query function for grains and oilseeds beginning with 2016/17. For country-specific area, yield, and production estimates for the UK and within the European Union (EU), please go to PSD Online at <https://apps.fas.usda.gov/PSDOnline/app/index.html#/app/home>, and select "Downloadable Data Sets." Select the zipped file for "EU Countries Area & Production." (For more information, please contact Bryan.Purcell@usda.gov.)

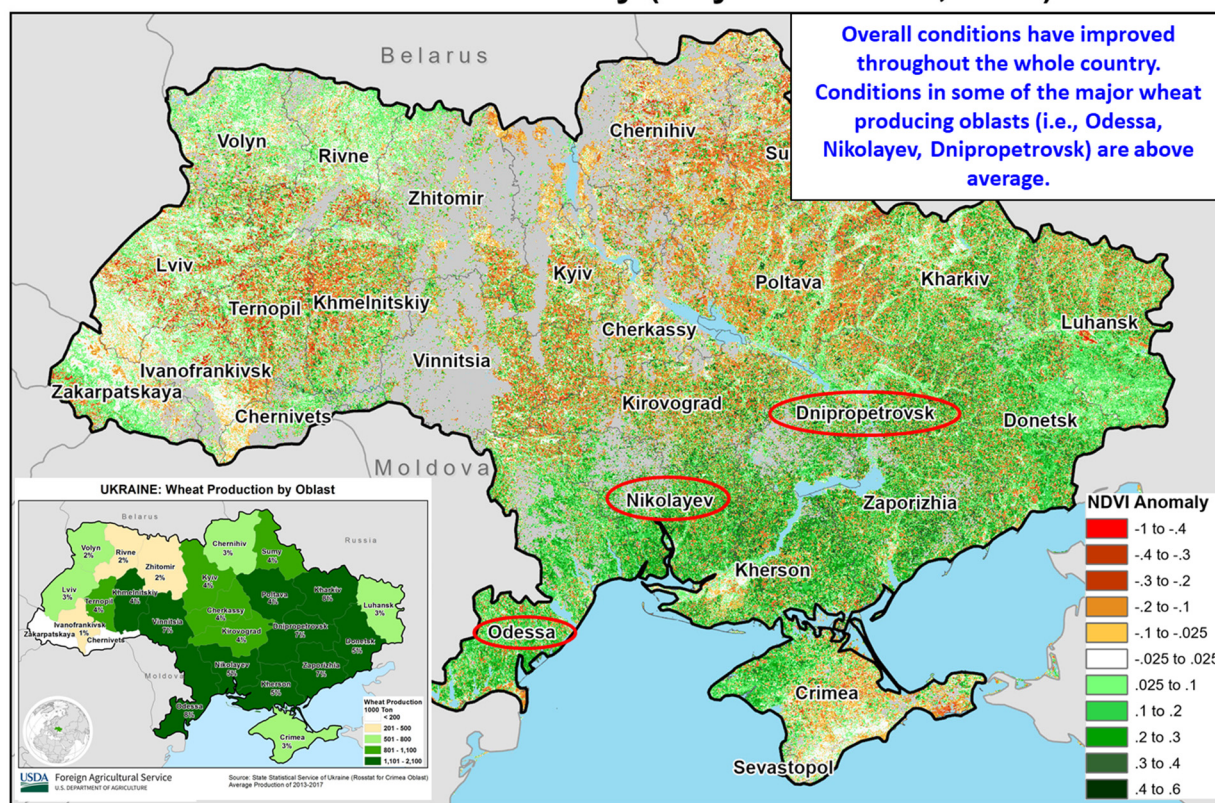
Ukraine Wheat: Favorable Spring Weather Boosts Wheat Production Prospects

Ukraine wheat production for marketing year 2021/22 is forecast at 29.5 million metric tons (mmt), up 16 percent from last year, 2 percent from last month, and 11 percent from the 5-year average. Yield is forecast at 4.11 tons per hectare, up 11 percent from last year and 2 percent from last month. Harvested area is forecast at 7.17 million hectares, up 5 percent from last year.



Winter wheat accounts for about 97 percent of Ukraine wheat area. The increase in yield is due to favorable spring weather and on-pace crop development. Establishment conditions during the fall were mixed over the country. Vegetation status was above average in Odessa and Nikolayev, and average to below average in Dnipropetrovsk, all located in the Steppe zone, which accounts for about 50 percent of Ukraine's winter wheat production. Mid-November crop conditions were worse in the more northern oblasts such as Kharkiv (Forest-steppe zone). As the crop broke dormancy, widespread spring rainfall brought beneficial soil moisture supplies, which aided crop development and improved vegetation conditions throughout the country. The satellite-derived Normalized Difference Vegetation Index (NDVI) indicates that as of June 1 crop vigor is better than average in most of the winter wheat growing oblasts.

UKRAINE: NDVI Anomaly (May 25 - June 1, 2021)



USDA Foreign Agricultural Service
U.S. DEPARTMENT OF AGRICULTURE

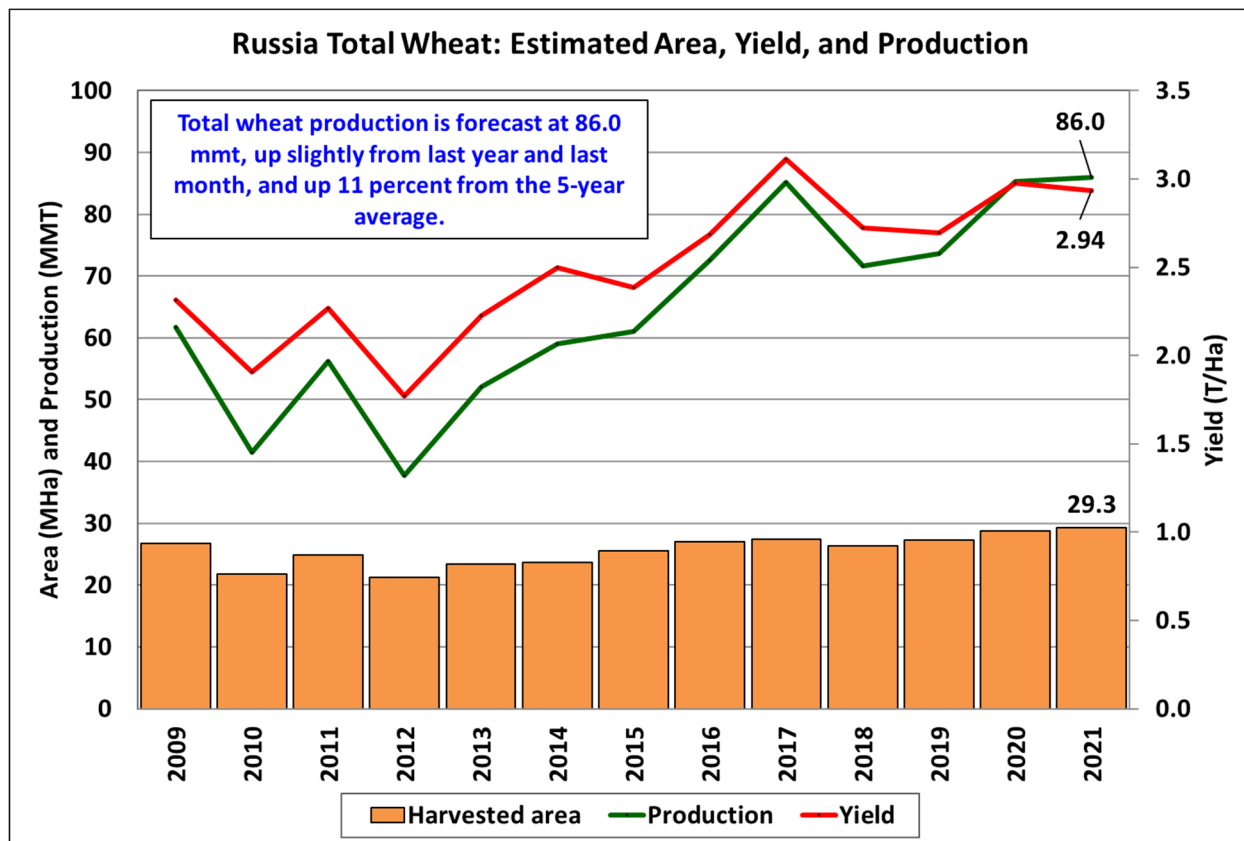
Source: NASA MODIS imagery
USDA/NASA Global Agricultural Monitoring (GLAM) project
<https://glam1.gsfc.nasa.gov/>

USDA crop production estimates for Ukraine include estimated output from Crimea. (For more information, please contact Iliana.Mladenova@usda.gov.)

Russia Wheat: Widespread Spring Rainfall Boosts Yields

Russia wheat production for marketing year 2021/22 is forecast at 86.0 million metric tons (mmt), up slightly from last year and last month, and up 11 percent from the 5-year average. The forecast includes 64.5 mmt of winter wheat and 21.5 mmt of spring wheat. USDA crop production forecasts for Russia exclude forecast output from Crimea. Total wheat yield is forecast at 2.94 tons per

hectare, down 1.4 percent from last year. Total area is expected to increase 2 percent from last year to 29.3 million hectares (mha).

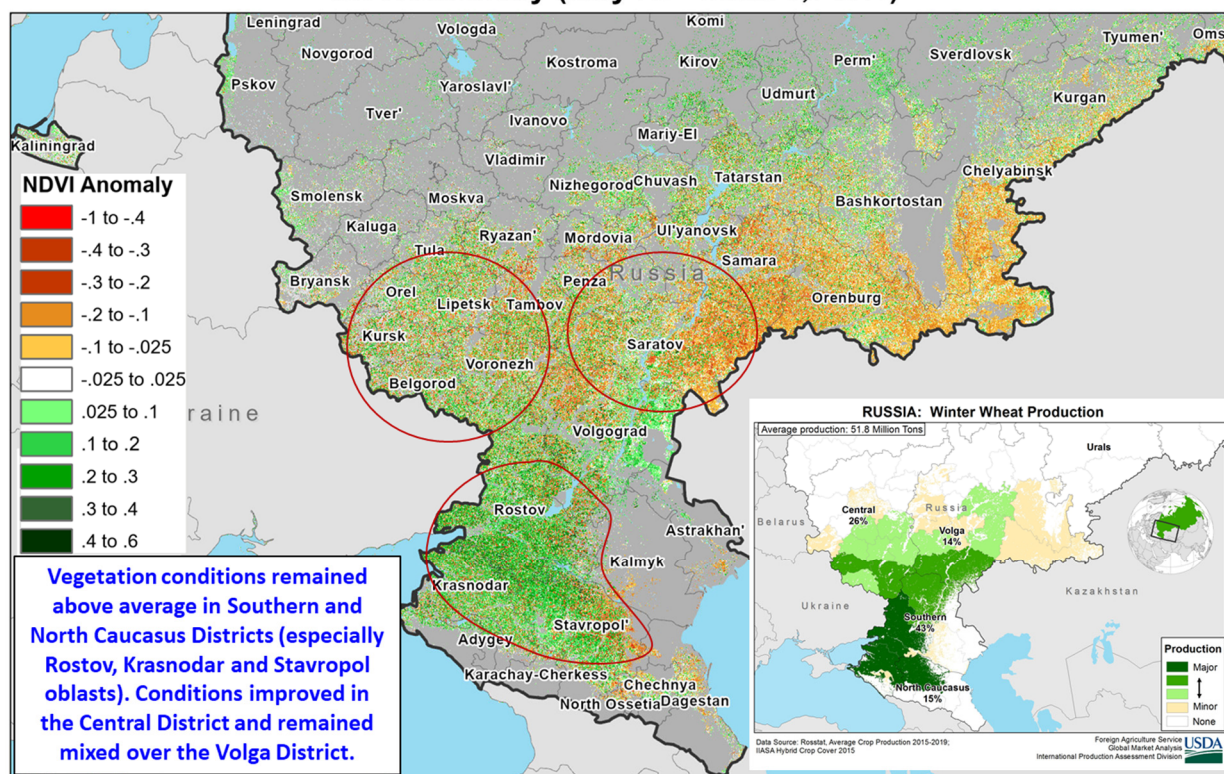


USDA Foreign Agricultural Service
U.S. DEPARTMENT OF AGRICULTURE

Source: USDA PSD Online

Winter wheat is grown in European Russia (including the Southern, Central, Volga, and North Caucasus Districts) and typically accounts for about 70 percent of production. Planting in the autumn was completed on time. However drier-than-average conditions resulted in poor establishment. Winter wheat growth and yield potential are highly susceptible to rainfall during the months of May and June. The country benefitted from widespread spring rainfall across western Russia, which provided necessary soil moisture for proper crop development throughout the Southern and North Caucasus Districts. Crop conditions improved over the Central District, however, in the Volga District they remained mixed. Harvest of winter wheat will begin in early July in the southern production regions.

European Russia NDVI Anomaly (May 25 - June 1, 2021)



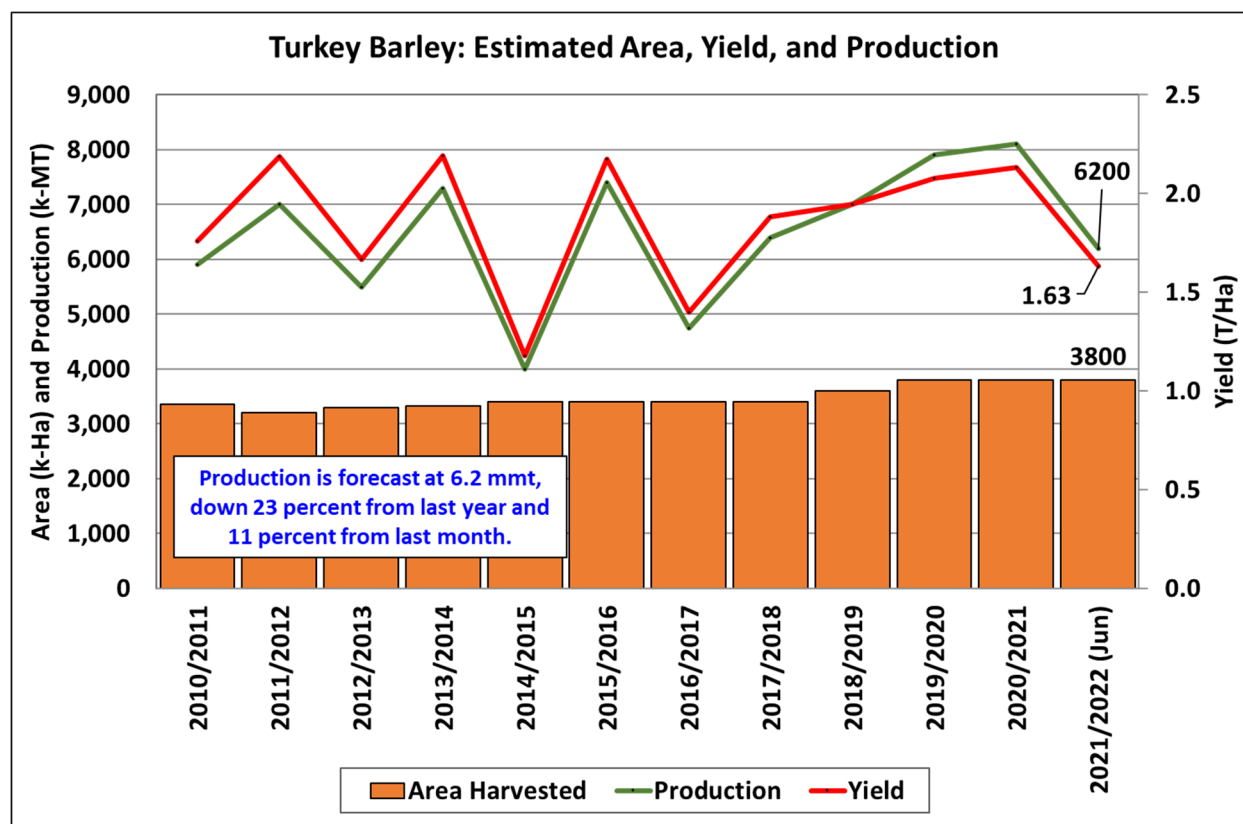
USDA Foreign Agricultural Service
U.S. DEPARTMENT OF AGRICULTURE

NASA MODIS Imagery; GFSAD 30 m crop cover (2015)
USDA/NASA Global Agricultural Monitoring (GLAM) project
(<https://glam1.gsfc.nasa.gov>)

Although sowing of spring wheat started slightly late this year due to the late spring arrival, planting was completed on time in all major production zones. Spring wheat is mainly planted in the regions bordering Kazakhstan: in the Volga, Ural, and Siberian Districts of Russia. Harvest of spring wheat will begin in late August.

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 Iliana.Mladenova@usda.gov.)*

Turkey Barley: Production Lowered Due to Drought




 Foreign Agricultural Service
 U.S. DEPARTMENT OF AGRICULTURE

Source: USDA PSD Online

Turkey barley production for marketing year 2021/22 is estimated at 6.2 million metric tons, down 23 percent from last year and 11 percent from last month. Yield is expected to be 1.63 tons per hectare, down 23 percent from last year. Harvested area is estimated at 3.8 million hectares, unchanged from last year. Barley production is predicted lower than last year and last month due to ongoing short-term dryness.

The main map displays Turkey with barley production data for 2015. The map is color-coded to show production levels relative to the normal range. The legend indicates the following categories:

- No data (Grey)
- Water (Blue)
- 1 to -.4 (Below Normal) (Red)
- .4 to -.3 (Dark Red)
- .3 to -.2 (Orange)
- .2 to -.1 (Light Orange)
- .1 to -.025 (Yellow)
- .025 to .025 (Normal) (White)
- .025 to .1 (Light Green)
- .1 to .2 (Green)
- .2 to .3 (Dark Green)
- .3 to .4 (Very Dark Green)
- .4 to .6 (Above Normal) (Black)

The map is divided into six regions: Marmara, Aegean, Mediterranean, Central Anatolia, Eastern Anatolia, and GAP Southeast Anatolia. The Black Sea is visible to the north.

An inset map titled "TURKEY: Barley Production" shows the distribution of barley production across Turkey's regions. The legend for the inset map indicates the following production ranges in tons:

- 1 - 50,000 (Light Green)
- 50,001 - 100,000 (Medium Green)
- 100,001 - 300,000 (Dark Green)
- 300,001 - 853,627 (Very Dark Green)

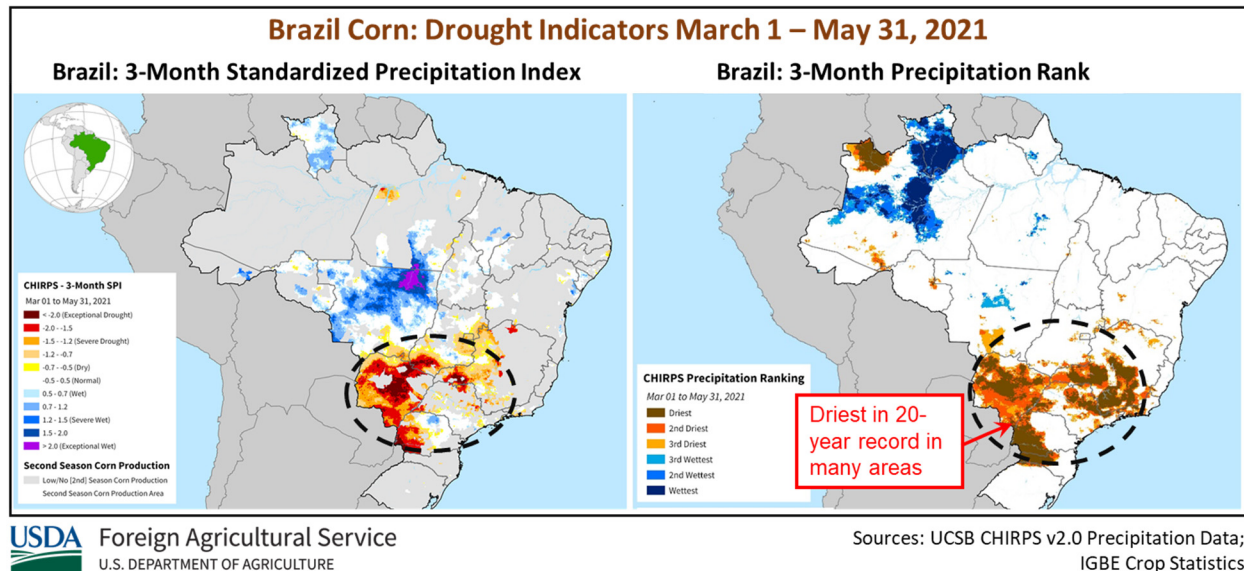
The inset map also shows the regions of Turkey: Marmara, Aegean, Mediterranean, Central Anatolia, Eastern Anatolia, and GAP Southeast Anatolia. The Black Sea is visible to the north.

Source: NASA MODIS imagery
 USDA/NASA Global Agricultural Monitoring (GLAM) project
<https://glam1.gsfc.nasa.gov/>

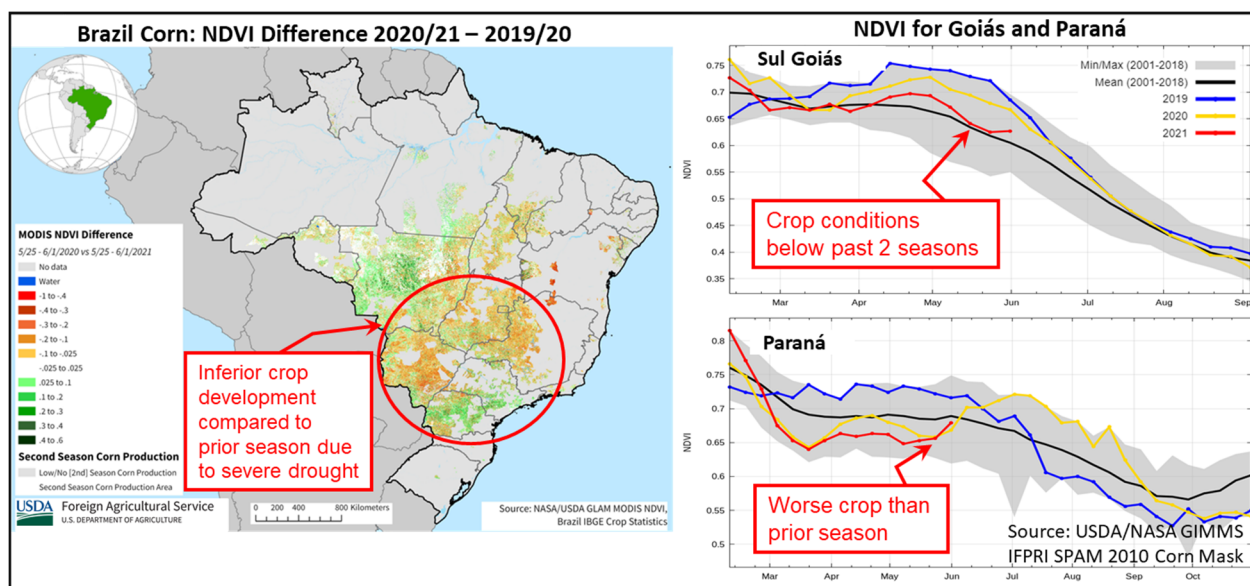
Brazil Corn: Continued Drought Lowers Production by 3 Percent for MY2020/21 Crop

USDA estimates total corn production for marketing year (MY) 2020/21 in Brazil at 98.5 million metric tons (mmt), lower by 3 percent from last month, and lower by the same amount from the previous year's record crop. Total harvested area, for all three corn crops, is estimated at a record 19.9 million hectares (mha), up 1 percent from last month, and up 1.4 mha (8 percent) from the previous year's record area of 18.5 mha. Yield is estimated at 4.96 tons per hectare (t/ha), about 4 percent lower than last month and 10 percent below last year's crop. This yield is 5 percent lower than the 5-year average of 5.20 t/ha due to adverse weather in second crop corn production areas.

Harvest is almost complete for the first-season corn at 84 percent with a small portion remaining in the northeastern states and Rio Grande do Sul. Production for this crop is estimated at 24.7 mmt on an area of 4.3 mha according to *Companhia Nacional de Abastecimento* (CONAB, an agency in the Brazilian Ministry of Agriculture), up 1 mmt from last year's first-season output, with yield up 1 percent at 6.15 t/ha.

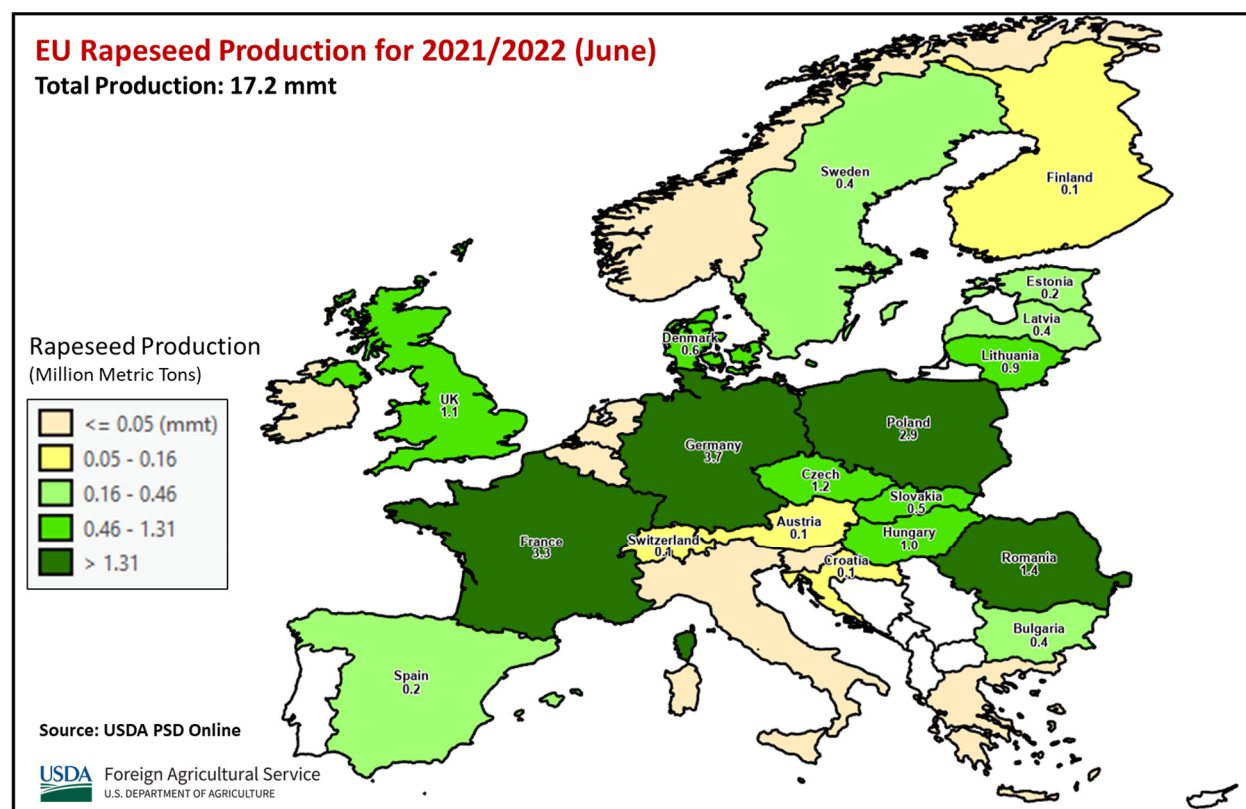


For the *safrinha* growing season, however, prolonged drier-than-normal weather across the main corn growing states is responsible for a further reduction in production. Among the major *safrinha* states, Mato Grosso (43 percent of second-season production) is the sole one exhibiting above-average crop conditions except for the southeastern region, which received below-average precipitation. In contrast, crop conditions in Goiás (13 percent of second-season production) have worsened over the last few weeks presenting a crop below the past two seasons. The states of Paraná, Mato Grosso do Sul, Minas Gerais, and São Paulo (about 36 percent of second-season production) have seen some of the driest conditions for the 3-month period from March 1 to May 31. A difference comparison of the satellite-derived Normalized Difference Vegetation Index (NDVI) for the MY 2020/21 season to the MY 2019/20 season, displays crop vigor below the last season for these states. Producers in the southern states are investing little in crop treatments (fertilizers and pesticides). Much-needed rain in the past two weeks alleviated some losses but fell too late to reverse the damage to much of the drought-affected crop. For Mato Grosso do Sul, the rains caused additional harm from hail and wind.

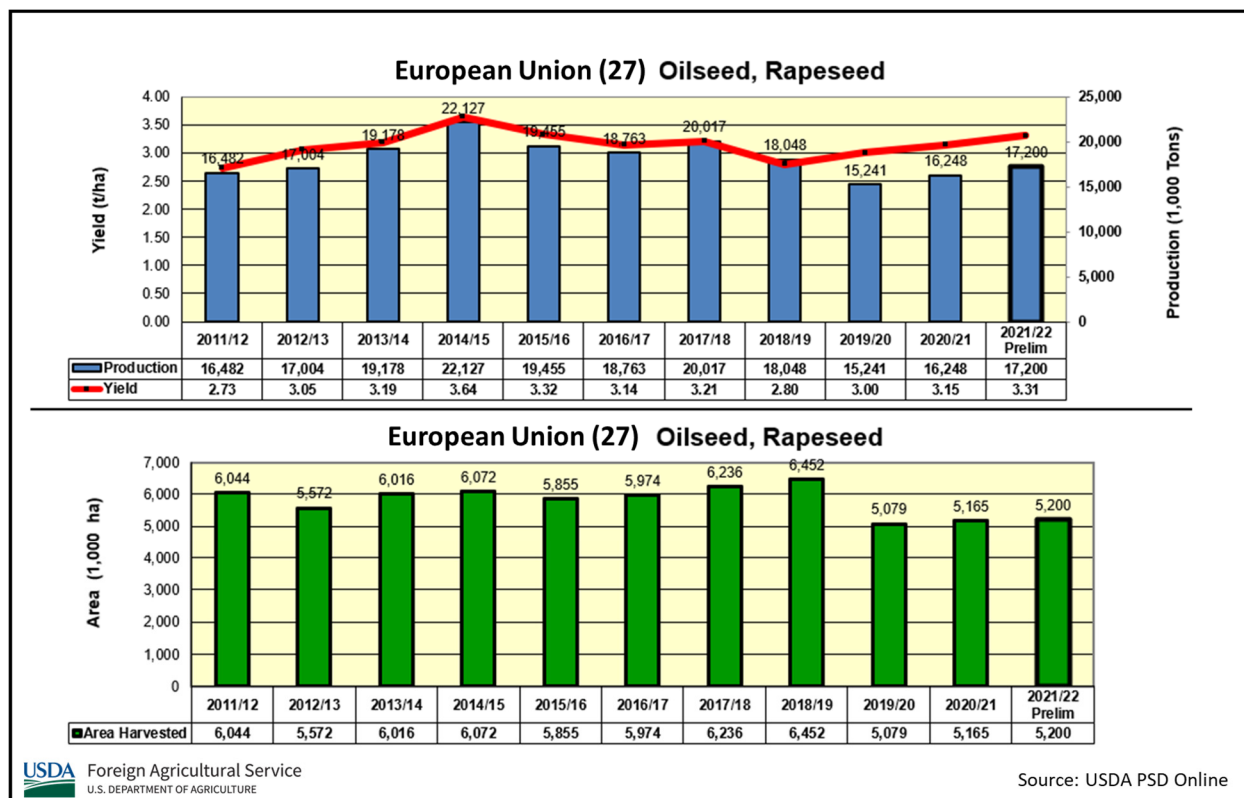


Safrina (second-crop) corn is usually harvested from June to September; however, the bulk of the harvest will occur later this year because of the late planting. (For more information, please contact Sunita.Yadav-Pauletti@usda.gov.)

EU Rapeseed: Production Increased due to May Rainfall



European Union (EU, 27 members) rapeseed production is forecast at 17.2 million metric tons (mmt), up 0.6 mmt from last month, up 1.0 mmt from last year, but 3 percent below the 5-year average. Area is estimated at 5.2 million hectares (mha), unchanged from last month, but up 35,000 hectares from last year. Area is down 10 percent from the 5-year average. Yield is forecast at 3.31 tons per hectare, up 4 percent from last month, up 5 percent from last year, and up 8 percent from the 5-year average.



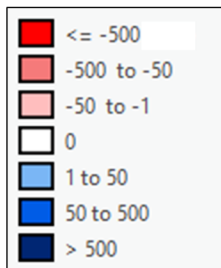
The EU ban on the effective neonicotinoid insecticides continues to suppress rapeseed area from previous highs. There has been a downward shift in area during recent years due to farmers switching to crops other than rapeseed. This year's rapeseed area, however, is similar to last year. Rapeseed typically flowers during April and May, but a cold April and a cooler-than-average May delayed the rapeseed crop by a week to ten days. Rain and cool conditions in May, however, erased growing concerns about dryness during April. Satellite-derived Normalized Difference Vegetation Index (NDVI) depicts a jump in the vegetation vigor in the rapeseed growing areas of Europe during May. May rains have bolstered yields.

The largest EU changes this month include Germany with a 0.3 mmt increase to 3.7 mmt, boosting it to first place in the EU, above France at 3.3 mmt. The third leading producer within the EU, Poland, is estimated to produce 2.9 mmt, up 0.2 mmt from last month.

EU Rapeseed: Month-to-Month Production Change

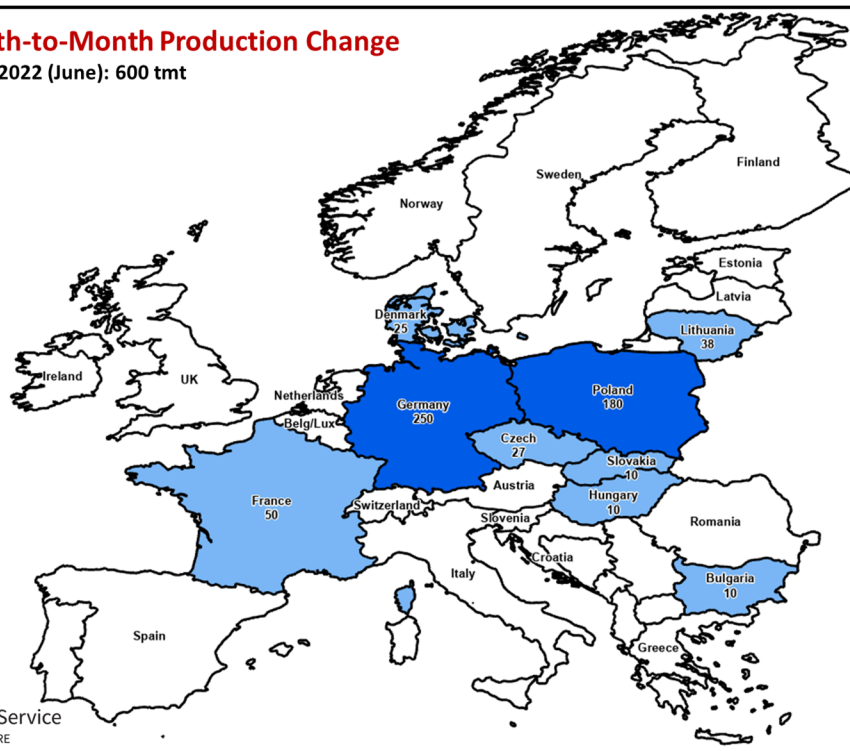
2021/2022 (May) to 2021/2022 (June): 600 tmt

Production Change
In thousand tons



Source: USDA PSD Online

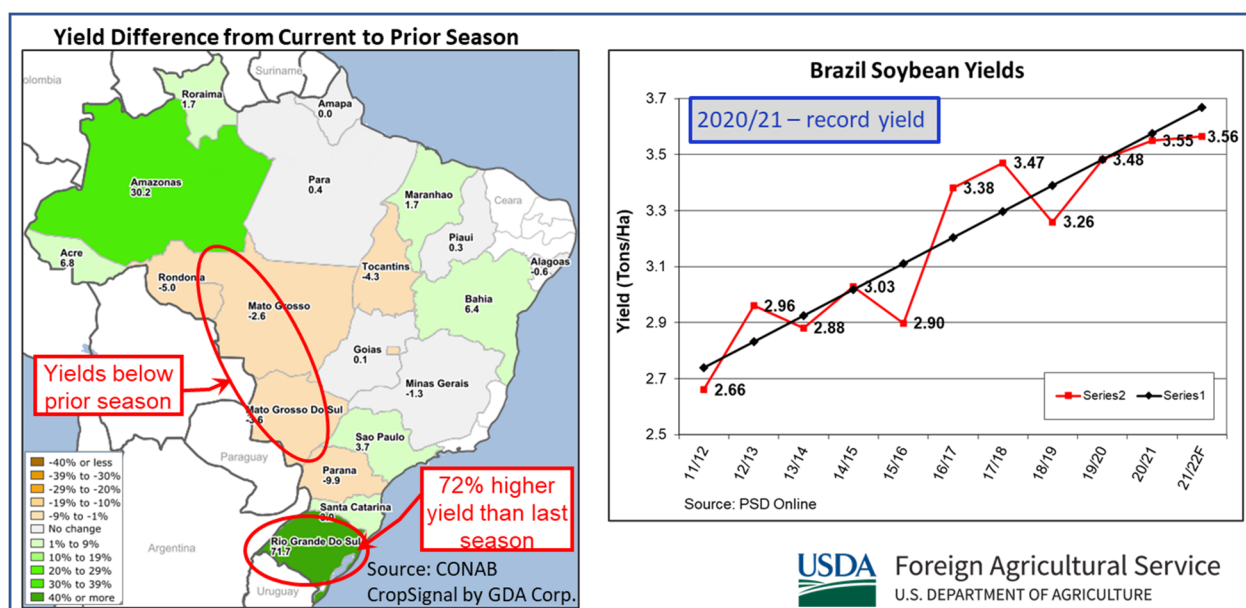
USDA Foreign Agricultural Service
U.S. DEPARTMENT OF AGRICULTURE



Production data for the EU beginning in marketing year 2016/17 represents the 27 EU member states (without the UK). The UK production data can be accessed via the query function for grains and oilseeds beginning with 2016/17. For country-specific area, yield, and production estimates for the UK and within the European Union (EU), please go to PSD Online at <https://apps.fas.usda.gov/PSDOnline/app/index.html#/app/home>, and select “Downloadable Data Sets.” Select the zipped file for “EU Countries Area & Production.” (For more information, please contact Bryan.Purcell@usda.gov.)

Brazil Soybeans: Record MY 2020/21 Production Revised Upward

Brazil soybean production for marketing year (MY) 2020/21 is estimated at a record 137.0 million metric tons (mmt), up 1.0 mmt (less than 1 percent) from last month and 8.5 mmt (7 percent) from the previous season’s record crop of 128.5 mmt. The harvested area is expected to be a record 38.6 million hectares (mha), up 1.7 mha (5 percent) from the previous season’s record. Yield is estimated at a record of 3.55 tons per hectare (t/ha), up almost 1 percent from last month, 2 percent above the previous season, and slightly above the 10-year trend (3.53 t/ha).

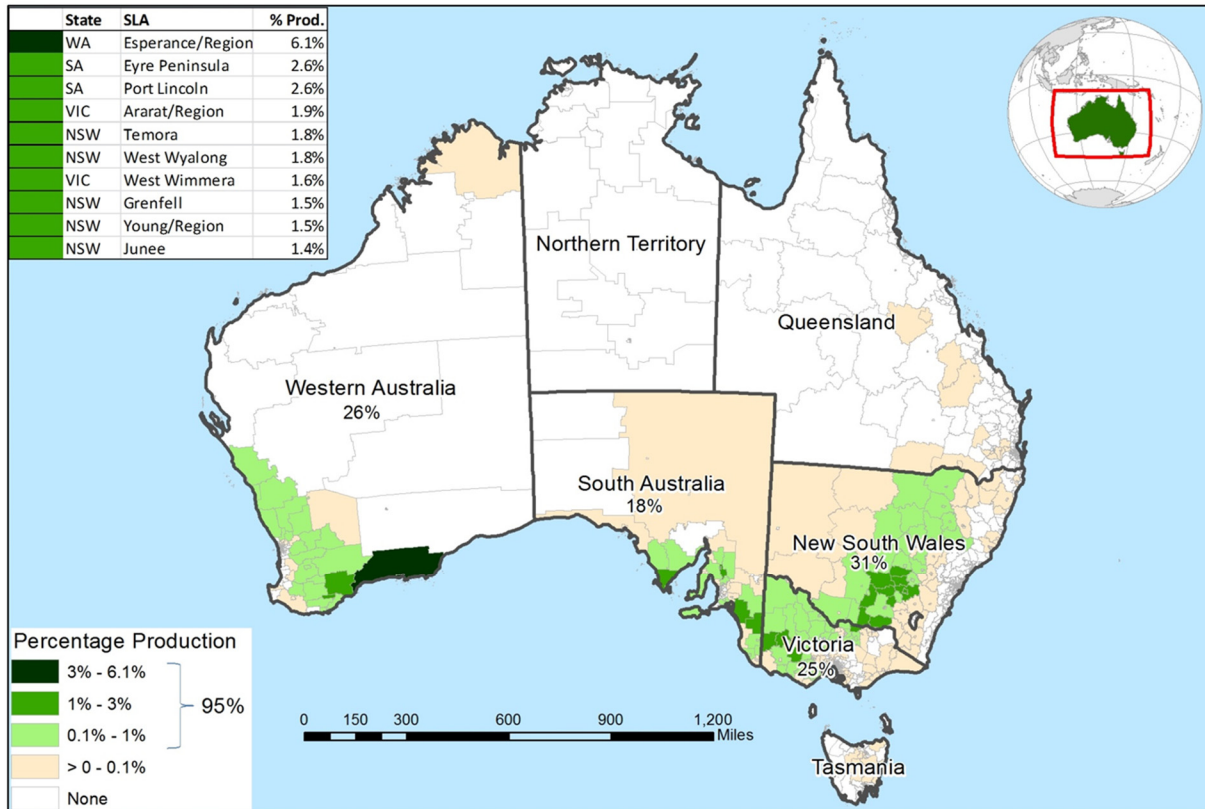


Harvest is finished in major central and southern soybean producing regions with just a small portion of harvest remaining in Maranhão. Yields have been close to or above the previous season, with some prominent exceptions in the center-west and south (Mato Grosso, Paraná) with lower yields. Although the season started poorly with extremely dry weather, record yields are reported in Bahia, Goiás and Rio Grande do Sul. An ideal mix of adequate rainfall and sunshine pushed soybean production in Rio Grande do Sul to the number two spot nationally. Yields in Rio Grande do Sul are about 72 percent higher than the previous year's drought-reduced yields. Bahia is reporting a yield 6 percent greater than the prior season. Another state that did better than initially anticipated was Mato Grosso do Sul as reported by *Federação da Agricultura e Pecuária Mato Grosso do Sul* (FAMASUL). Due to the latest harvest data, USDA increased Brazil production by 1 mmt to a record 137 mmt. Brazil thus displays a second consecutive year with record area, yield, and production despite the initial weather-related issues. (For more information, please contact Sunita.Yadav-Pauletti@usda.gov.)

Australia Rapeseed: Production Revised Up

USDA forecasts Australia marketing year 2021/22 rapeseed production at 3.7 million metric tons (mmt), up 0.2 mmt or 6 percent from last month, but down 0.3 mmt or 8 percent from last year. Area is estimated at 2.8 million hectares (mha), up 0.1 mha or 4 percent from last month, and up 0.4 mha or 17 percent from last year. Yield is forecast at 1.32 tons per hectare (t/ha), down 21 percent from last year's near record yield.

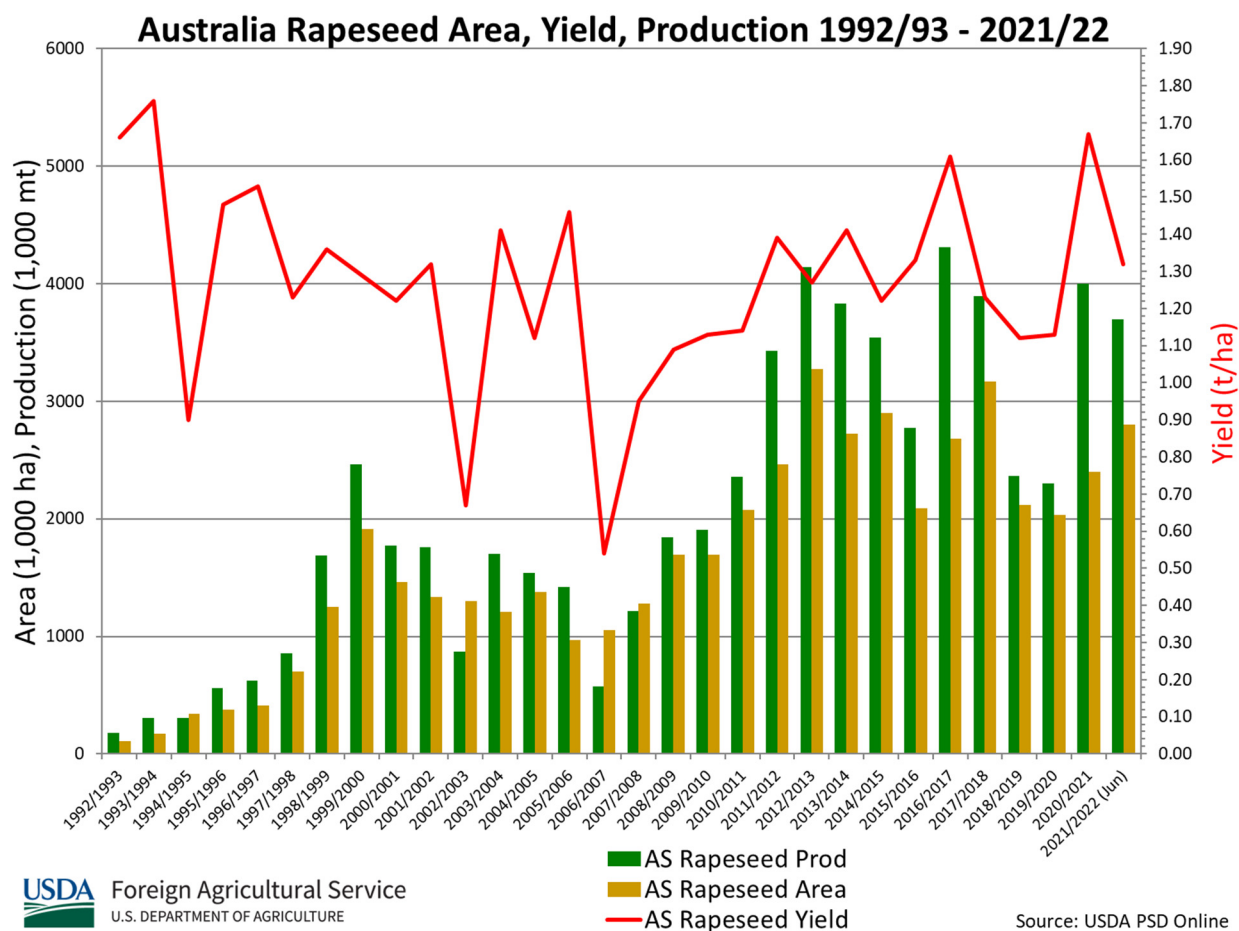
Australia Rapeseed Production Distribution Map



SOURCE: ABS Ag Census with 2016 Boundaries (SA2)
Average percent production of 2000/01, 2005/06, 2010/11, and 2015/16
Map last updated 2/5/2018

USDA Foreign Agricultural Service
U.S. DEPARTMENT OF AGRICULTURE

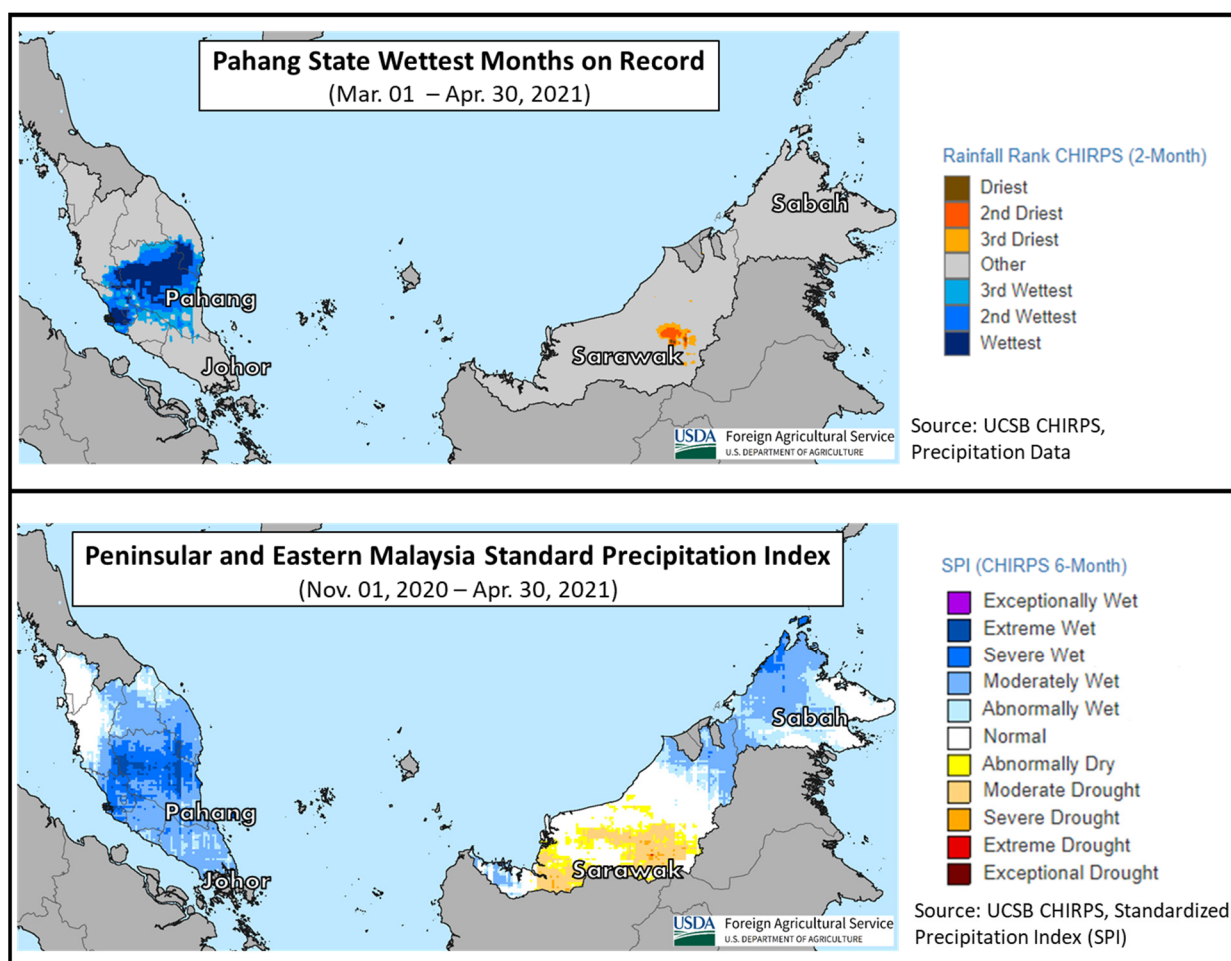
The start of the marketing year 2021/22 planting season has been bolstered by strong canola prices which has lifted estimated area 17 percent over last season. The above average rainfall prior to sowing in the two largest producing states of Western Australia and New South Wales provided beneficial soil moisture for planting and germination. Dry conditions in South Australia and Victoria have delayed planting.



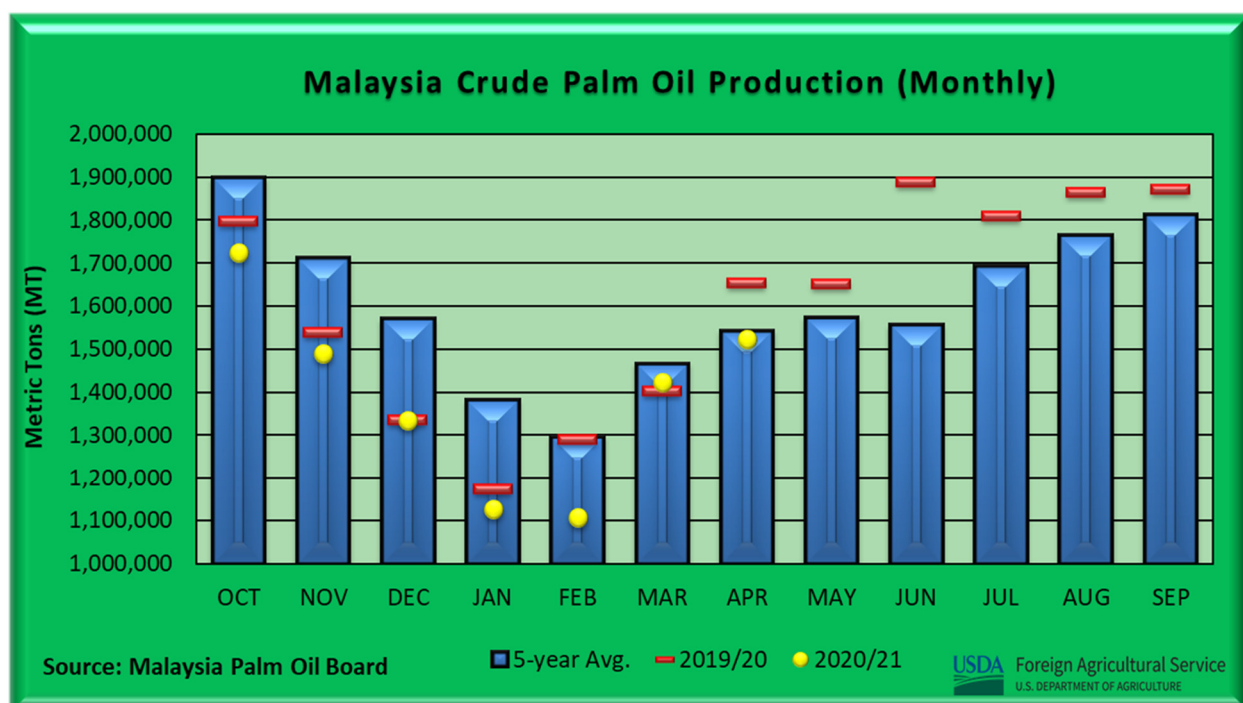
Rapeseed, barley, and wheat are the three dominant winter crops in Australia. Rapeseed sowing commences in April and continues into June. Harvest begins in November and concludes in December. Rapeseed production is distributed across the four main agricultural producing states. New South Wales produces the largest portion of Australia's rapeseed with 31 percent (5-year average) and the remaining production is split among Western Australia (26 percent), Victoria (25 percent) and South Australia (18 percent). *(For more information, please contact James.Crutchfield@usda.gov.)*

Malaysia Palm Oil: MY 2020/21 Estimated Production Output Lowest Since 2015

USDA estimates Malaysia marketing year (MY) 2020/21 palm oil production at 18.5 million metric tons, down 3 percent from last month and down 4 percent from the previous year. Harvested area is estimated at 5.4 million hectares, unchanged from last month, but up 1 percent from the previous year. Yield is estimated at 3.43 tons per hectare, down 3 percent from last month and 5 percent from the previous year. The current yield estimate would mark the lowest since MY 1997/98.

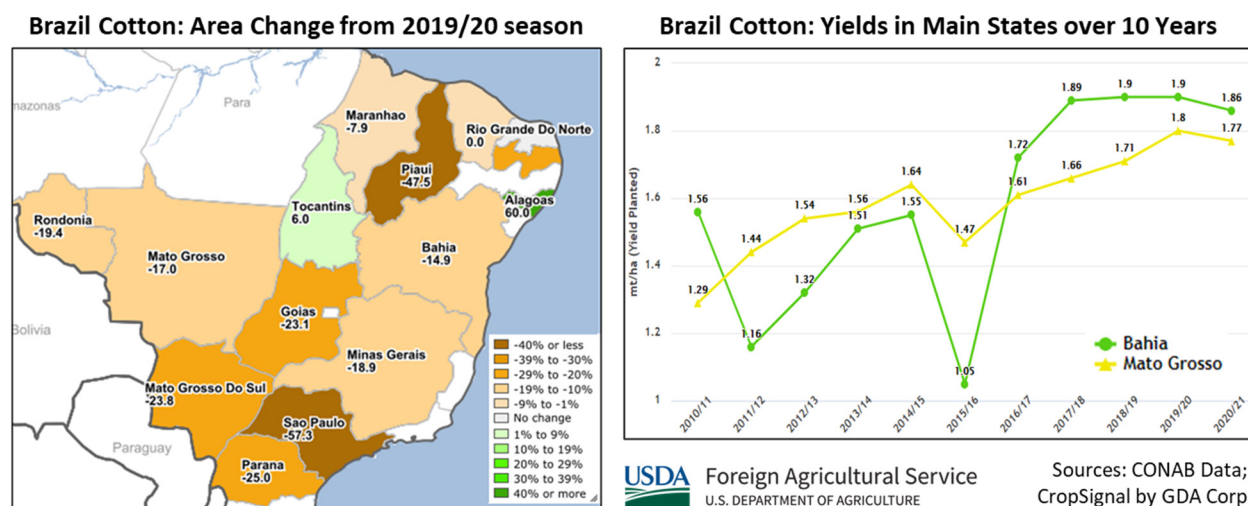


Since January, observed rainfall has been well above average in Peninsular and Eastern Malaysia. In the months of March and April, Peninsular Malaysia experienced record setting rainfall, most notably in the Pahang state, one of the top four palm oil producing states in Malaysia. These extreme rainfall occurrences have resulted in ongoing localized harvest disruptions in the main oil palm regions and have led to significant monthly Crude Palm Oil (CPO) output lows. According to the Malaysia Palm Oil Board, the latest Malaysia CPO data released for the month of April was estimated 8 percent down from last year and 1 percent below the 5-year average. The state of Pahang CPO output for the month of April was reported at 12 percent below last year. Local reports indicate persistent rainfall stemming from La Niña has negatively impacted the CPO monthly output and yields as workers ability to harvest oil palm has been limited. Additionally, there have been ongoing labor shortages due in part to the COVID-19 pandemic as the Malaysian government closed borders and froze the hiring of foreign workers. Foreign workers make up more than 75 percent of Malaysia's palm oil workforce.



Overall, Malaysia's (October to April) CPO output is down 4 percent from last year, and 5 percent from the 5-year average. USDA's market year for Malaysia palm oil is October through September. (For more information, please contact Justin.Jenkins@usda.gov.)

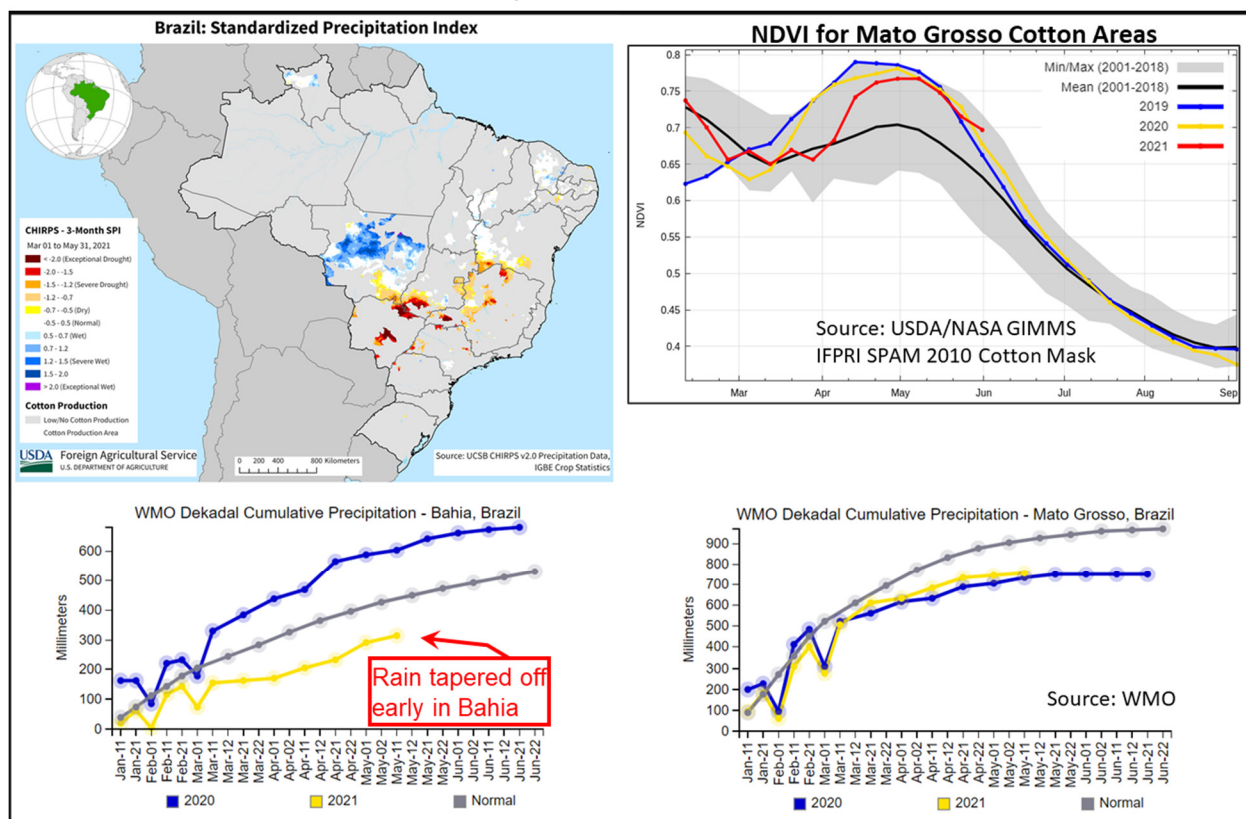
Brazil Cotton: Lower MY 2020/21 Production Estimated



Brazil's marketing year (MY) 2020/21 cotton production is estimated at 11.3 million 480-pound bales, lower by 0.25 million bales (2 percent) from last month, and down 2.5 million bales (18 percent) from the 2019/20 record production. Harvested cotton area is estimated at 1.4 million hectares (mha), lower by 0.05 mha (3 percent) from last month, and 16 percent below last season. The two largest cotton producing states, Mato Grosso and Bahia, are reporting roughly 17 percent and 15 percent declines in sown area, respectively, for the 2020/21 season. Cotton yield is

estimated at 1,750 kilograms per hectare (kg/ha), 7 percent above the 5-year average of 1,642 kg/ha.

Brazil: 3-Month Standardized Precipitation Index, Mato Grosso NDVI, and Cumulative Precipitation for Mato Grosso and Bahia

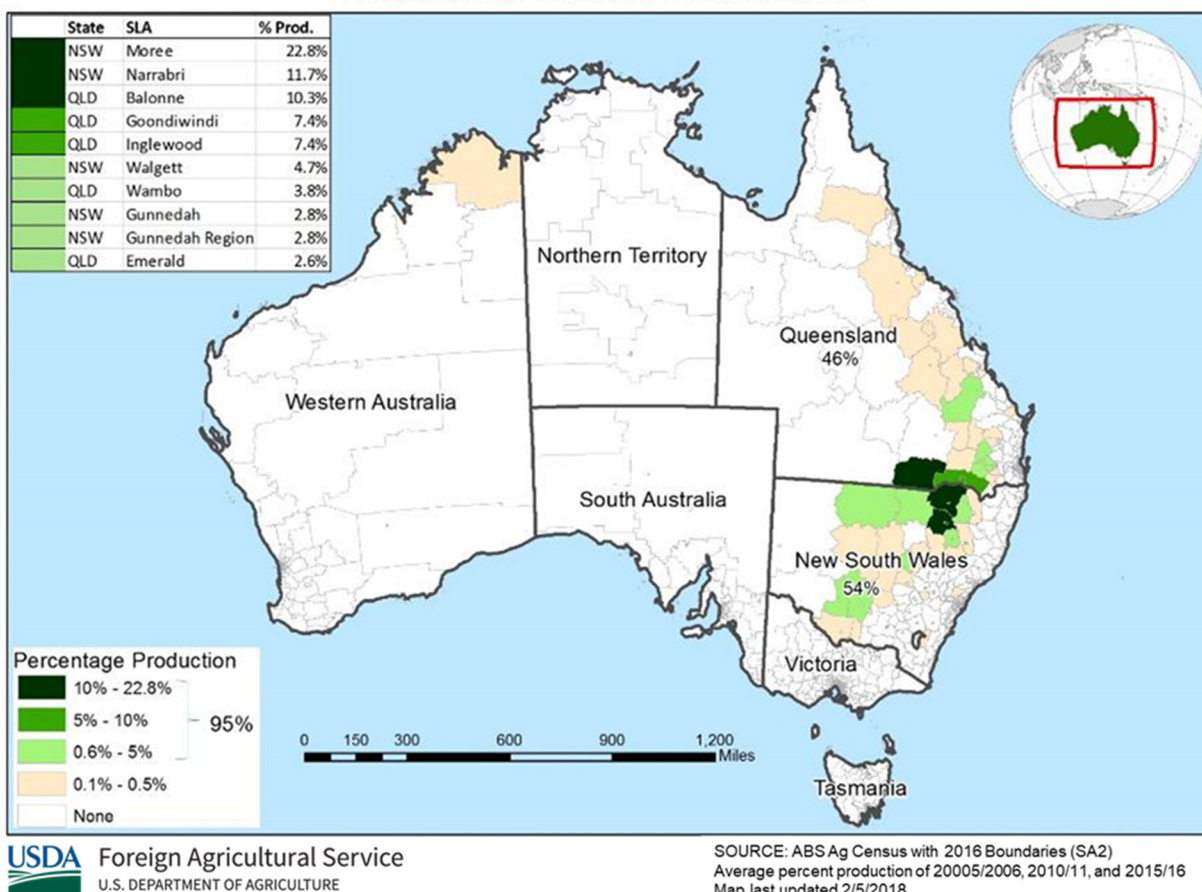


USDA Foreign Agricultural Service
 U.S. DEPARTMENT OF AGRICULTURE

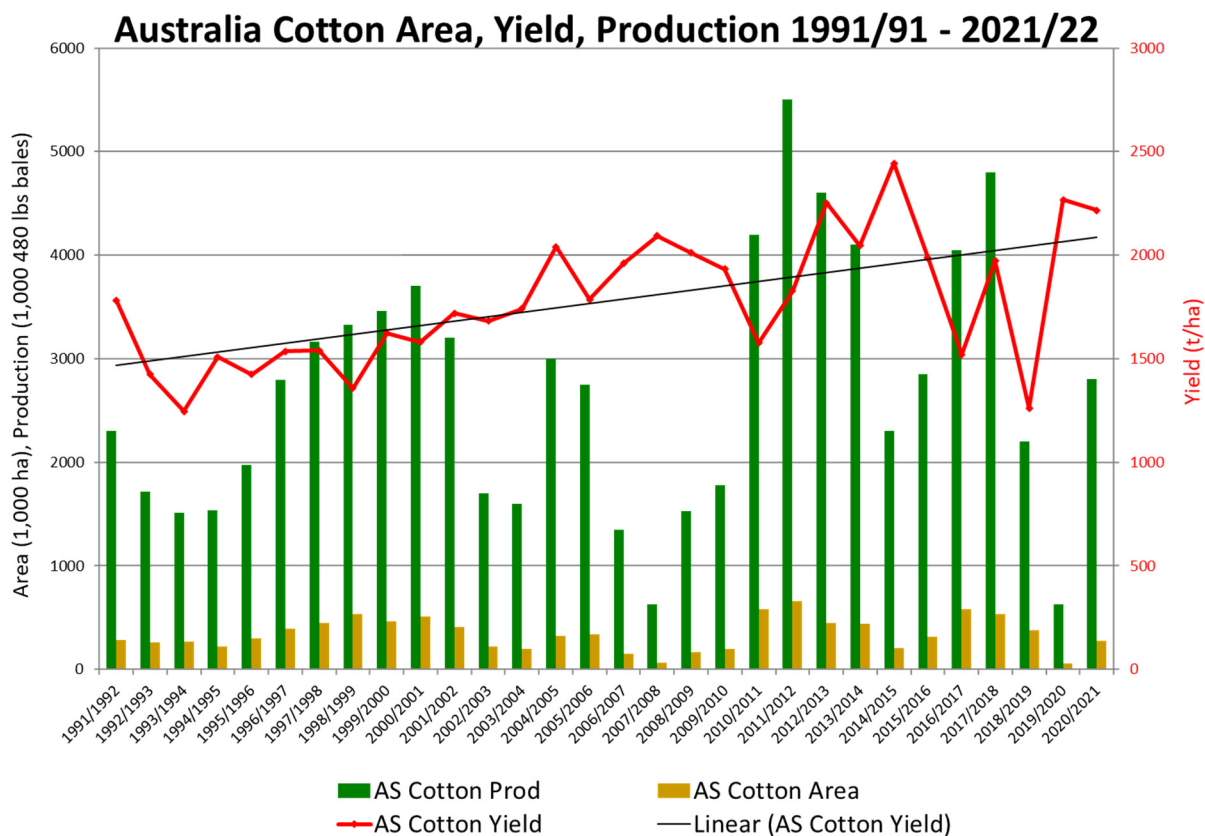
The significant decrease in planted area for this season was driven primarily by lower prices for cotton relative to competing crops, soybeans and corn, whose prices have soared in the last year. The delayed soybean harvest resulted in a late planting for the second-crop cotton in Mato Grosso, which likely also had a negative impact on area. Mato Grosso is Brazil's largest cotton state, accounting for 69 percent of the country's crop. Due to the late planting, the *Instituto Mato-Grossense de Economia Agropecuária* (IMEA) reports that about 20 percent of the crop is at a higher risk from low soil moisture during the end of the rainy season. Recent showers in the second half of May helped the moisture-stressed crop. Analysis of the satellite-derived Normalized Difference Vegetation Index (NDVI) reveals above-average crop vigor, but lower compared to last season; lower yields than last season are expected for 2020/21. The second largest cotton producing state, Bahia (20 percent of national production), had a mostly good season with rains tapering off earlier than expected in mid-April; this will slightly lower yields relative to the previous season's record yield. Harvest began in June and will run through September. (For more information, please contact Sunita.Yadav-Pauletti@usda.gov.)

Australia Cotton: MY 2020/21 Production Revised Up on Harvest Results; Up 350 Percent from the Previous Year

Australia: Cotton Production



Australia marketing year (MY) 2020/21 cotton production is estimated at 2.8 million 480-pound bales (0.610 million metric tons), up 0.3 million bales from last month, and up 2.2 million bales or roughly 350 percent from the previous year. Harvested area is estimated at 275,000 hectares, unchanged from last month, but up nearly 360 percent from the previous year. Yield is forecast at 2,217 kilograms per hectare, up 12 percent from last month, and 23 percent above the 5-year average. Yield is revised up based on better than expected harvest results to date. Harvest progress was estimated at 50 percent complete as of May 27.



Foreign Agricultural Service
 U.S. DEPARTMENT OF AGRICULTURE

Source: USDA PSD Online

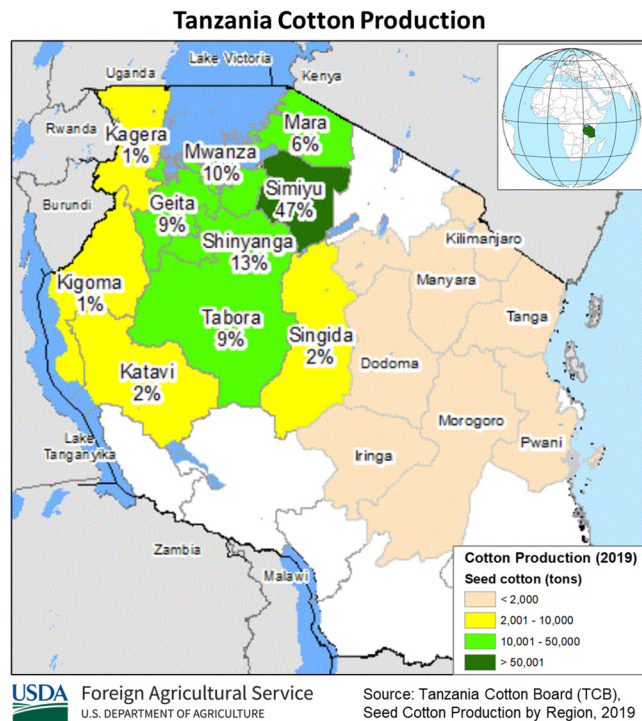
Irrigated cotton comprises about 90 percent of Australia's total cotton production; the remaining 10 percent is produced by rainfed operations. Irrigated cotton yields are substantially higher than dryland yields, and the difference widens in low-rainfall years. Dryland cotton planting tends to vary with the seasonal weather forecast and prices at sowing. A significant area has been planted to dryland cotton in MY 2020/21, rebounding from the remarkably low amount in MY 2019/20. The above average rainfall prior to sowing increased water storage for irrigated cotton and provided adequate soil moisture in many dryland cotton areas.

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

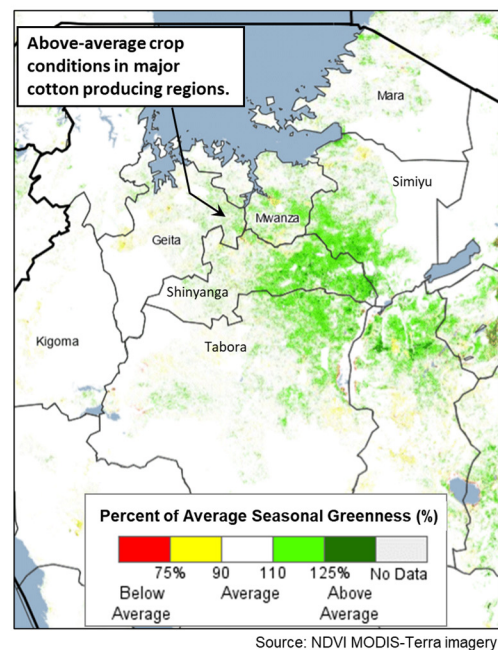
Tanzania Cotton: Favorable Rains and Inputs Improve Production Prospects

Tanzania MY 2021/22 cotton production is forecast at 500,000 480-lb bales, up 125,000 bales (33 percent) from last month and last year. Cotton area is forecast at 550,000 hectares, up 100,000 hectares (22 percent) from last month and last year. Yield is forecast at 198 kilograms per hectare, up 9 percent from last month and last year, and 16 percent above the 5-year average. Tanzanian farmers grow conventional cotton and annual production is highly dependent on the availability of inputs for certified seeds, fertilizers, and pesticides. Farmers received greater amounts of inputs

this year compared to last year which helped to increase MY 2021/22 area, boost yields, and reduce pest damage.



Percent of Average Seasonal Greenness (PASG)
(March 6 - June 1, 2021)



Cotton is generally planted from November through January, and harvesting is from June through September. The onset of rains was timely and seasonal rainfall was slightly above average and well-distributed. Satellite-derived Normalized Difference Vegetation Index (NDVI) and the Percent of Average Seasonal Greenness (PASG) indices confirm early crop establishment and above-average crop conditions throughout Tanzania's northwest cotton belt. Excessive seasonal rainfall reduced last year's production prospects due to extensive pest damage and widespread weed and waterlogging problems

Nearly 99 percent of Tanzania's cotton is grown in the northwest, near Lake Victoria, with top producing regions being Simiyu (47 percent), Shinyanga (13 percent), Mwanza (10 percent), Geita (9 percent), Tabora (9 percent), and Mara (6 percent). Cotton is produced primarily by small landholder farms ranging from 0.5 to 10 hectares, with an average farm size of 1.5 hectares. *(For more information, please contact Curt.Reynolds@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), June 10, 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, July 12, 2021.

Conversion Table

Metric tons to bushels

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

Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
--------	---	---------------

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.	202-690-2315	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 2019/20 2020/21 prel. 2021/22 proj. May Jun Coarse Grains 2019/20 2020/21 prel. 2021/22 proj. May Jun Rice, Milled 2019/20 2020/21 prel. 2021/22 proj. May Jun Total Grains 2019/20 2020/21 prel. 2021/22 proj. May Jun Oilseeds 2019/20 2020/21 prel. 2021/22 proj. May Jun Cotton 2019/20 2020/21 prel. 2021/22 proj. May Jun	---Million metric tons---																		
	763.5	710.9	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	252.1
	775.8	726.1	49.7	35.2	3.0	85.4	25.4	nr	134.3	107.9	0.0	24.9	0.0	17.6	6.3	33.0	2.1	18.3	232.9
	789.0	738.0	50.9	32.0	3.1	85.0	29.0	nr	136.0	108.0	0.0	26.0	0.0	20.5	6.8	27.0	1.8	17.3	245.6
	794.4	742.8	51.7	32.0	3.1	86.0	29.5	nr	136.0	108.0	0.0	26.0	0.0	20.5	6.8	27.0	1.8	17.0	249.1
	1,414.1	1,054.7	359.4	28.6	32.1	40.5	46.5	nr	268.2	47.7	12.0	7.7	4.6	58.1	105.8	11.8	16.4	14.5	360.2
	1,433.8	1,059.2	374.6	29.6	31.9	41.4	39.6	nr	268.0	49.3	11.8	8.3	5.7	55.5	102.5	16.5	17.8	15.8	365.6
	1,495.9	1,099.8	396.2	30.9	33.8	41.6	47.9	nr	275.4	48.1	12.0	8.1	5.5	60.8	122.0	13.5	17.7	13.8	368.9
	1,496.6	1,100.4	396.2	30.9	33.8	41.6	48.0	nr	275.4	48.8	12.0	8.1	5.5	60.8	122.0	13.5	17.7	13.0	369.6
	497.8	491.9	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	156.6
	505.0	497.8	7.2	0.0	0.2	0.7	0.0	nr	148.3	122.0	35.2	8.2	18.8	0.8	7.9	0.4	0.0	0.6	154.6
	505.4	499.0	6.5	0.0	0.2	0.7	0.0	nr	149.0	120.0	35.3	8.2	19.5	0.8	7.7	0.5	0.0	0.6	156.4
	506.6	500.2	6.5	0.0	0.2	0.7	0.0	nr	149.0	121.0	35.3	8.2	19.5	0.8	7.8	0.5	0.0	0.6	156.4
	2,675.4	2,257.5	417.9	61.3	35.5	114.8	75.8	nr	548.5	270.1	46.7	39.5	22.2	78.7	118.6	26.4	17.9	32.6	768.9
	2,714.6	2,283.1	431.5	64.8	35.0	127.5	65.0	nr	550.6	279.1	47.0	41.5	24.5	73.9	116.6	49.8	20.0	34.6	753.1
	2,790.4	2,336.8	453.6	62.9	37.0	127.3	76.9	nr	560.4	276.1	47.3	42.3	25.0	82.1	136.5	41.0	19.5	31.6	771.0
	2,797.7	2,343.4	454.3	62.9	37.0	128.3	77.5	nr	560.4	277.8	47.3	42.3	25.0	82.1	136.6	41.0	19.5	30.6	775.2
	580.7	473.7	107.0	25.8	1.1	21.7	24.5	nr	63.0	36.4	14.4	3.4	0.9	53.6	133.9	2.5	2.2	3.3	87.0
	600.5	478.2	122.4	25.5	0.9	20.1	19.9	nr	65.5	38.9	14.6	2.7	1.0	51.5	141.6	4.9	2.8	2.9	85.6
	632.2	501.9	130.3	27.0	1.0	21.5	23.2	nr	64.7	39.0	14.8	3.0	1.0	57.1	149.3	4.8	2.7	3.3	89.8
	632.9	502.6	130.3	27.0	1.0	21.5	23.2	nr	64.4	39.0	14.8	3.0	1.0	57.1	149.3	5.0	2.7	3.3	90.4
121.4	101.5	19.9	0.0	1.6	0.0	0.0	2.0	27.3	28.8	0.0	6.2	0.0	1.3	13.8	0.6	0.1	3.5	16.4	
113.3	98.7	14.6	0.0	1.0	0.0	0.0	1.7	29.5	28.5	0.0	4.5	0.0	1.3	11.3	2.8	0.1	2.9	15.1	
119.4	102.4	17.0	0.0	1.1	0.0	0.0	1.8	27.5	29.0	0.0	5.3	0.0	1.4	13.3	3.9	0.1	3.4	15.8	
118.9	101.9	17.0	0.0	1.1	0.0	0.0	1.8	26.8	29.0	0.0	5.3	0.0	1.4	13.3	3.9	0.1	3.4	16.0	

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	216.20	221.86	223.79	224.09	3.53	3.50	3.53	3.55	763.49	775.82	788.98	794.44	5.46	0.69	18.63	2.40
United States	15.13	14.87	15.15	15.15	3.47	3.34	3.36	3.41	52.58	49.69	50.95	51.66	0.71	1.40	1.97	3.96
Total Foreign	201.06	206.99	208.64	208.94	3.54	3.51	3.54	3.55	710.90	726.12	738.03	742.78	4.75	0.64	16.66	2.29
European Union	24.36	23.08	23.85	23.85	5.69	5.46	5.62	5.77	138.74	125.94	134.00	137.50	3.50	2.61	11.56	9.18
United Kingdom	1.80	1.39	1.78	1.78	8.69	6.96	7.94	7.94	15.60	9.66	14.10	14.10	0.00	0.00	4.44	45.99
Serbia	0.57	0.57	0.60	0.60	4.56	4.74	4.75	4.83	2.60	2.70	2.85	2.90	0.05	1.75	0.20	7.41
China	23.73	23.38	23.00	23.00	5.63	5.74	5.91	5.91	133.59	134.25	136.00	136.00	0.00	0.00	1.75	1.30
South Asia																
India	29.32	31.36	31.58	31.58	3.53	3.44	3.42	3.42	103.60	107.86	108.00	108.00	0.00	0.00	0.14	0.13
Pakistan	8.68	8.83	9.20	9.20	2.81	2.83	2.83	2.83	24.35	24.95	26.00	26.00	0.00	0.00	1.05	4.23
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	0.75	0.75	0.75	0.75	2.95	2.95	2.80	2.80	2.20	2.21	2.10	2.10	0.00	0.00	-0.11	-4.98
Former Soviet Union - 12																
Russia	27.31	28.68	29.00	29.30	2.70	2.98	2.93	2.94	73.61	85.35	85.00	86.00	1.00	1.18	0.65	0.76
Russia Winter	15.41	16.63	17.00	17.00	3.41	3.77	3.76	3.79	52.54	62.69	64.00	64.50	0.50	0.78	1.81	2.89
Russia Spring	11.91	12.06	12.00	12.30	1.77	1.88	1.75	1.75	21.07	22.67	21.00	21.50	0.50	2.38	-1.17	-5.14
Ukraine	7.02	6.85	7.17	7.17	4.16	3.71	4.04	4.11	29.17	25.42	29.00	29.50	0.50	1.72	4.08	16.05
Kazakhstan	11.34	12.08	12.00	12.00	1.01	1.18	1.17	1.17	11.45	14.26	14.00	14.00	0.00	0.00	-0.26	-1.80
Uzbekistan	1.40	1.40	1.40	1.40	4.86	4.65	4.29	4.29	6.80	6.51	6.00	6.00	0.00	0.00	-0.51	-7.83
Belarus	0.69	0.70	0.70	0.70	3.33	3.29	3.21	3.21	2.31	2.30	2.25	2.25	0.00	0.00	-0.05	-2.17
Canada	9.66	10.02	9.20	9.20	3.38	3.51	3.48	3.48	32.67	35.18	32.00	32.00	0.00	0.00	-3.18	-9.05
South America																
Argentina	6.73	6.39	6.50	6.50	2.94	2.76	3.15	3.15	19.78	17.63	20.50	20.50	0.00	0.00	2.87	16.28
Brazil	2.04	2.34	2.50	2.50	2.55	2.67	2.72	2.72	5.20	6.25	6.80	6.80	0.00	0.00	0.55	8.80
Australia	9.86	13.00	13.20	13.20	1.47	2.54	2.05	2.05	14.48	33.00	27.00	27.00	0.00	0.00	-6.00	-18.18
Africa																
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	2.38	2.38	4.03	2.56	6.80	6.80	0.00	0.00	4.24	165.63
Algeria	2.07	2.08	2.08	2.08	1.90	1.88	1.78	1.73	3.95	3.90	3.70	3.60	-0.10	-2.70	-0.30	-7.69
Ethiopia	1.79	1.85	1.90	1.90	2.97	2.76	2.73	2.73	5.32	5.10	5.18	5.18	0.00	0.00	0.08	1.57
Middle East																
Turkey	7.00	7.10	7.00	7.00	2.50	2.57	2.46	2.43	17.50	18.25	17.25	17.00	-0.25	-1.45	-1.25	-6.85
Iran	6.70	6.70	6.70	6.70	2.51	2.50	2.24	2.24	16.80	16.75	15.00	15.00	0.00	0.00	-1.75	-10.45
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
Mexico	0.59	0.56	0.57	0.57	5.54	5.33	5.40	5.40	3.27	2.97	3.05	3.05	0.00	0.00	0.09	2.87
Others	7.48	7.42	7.62	7.62	2.74	2.71	2.72	2.73	20.52	20.09	20.75	20.80	0.05	0.24	0.72	3.56

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	335.79	338.92	341.29	341.30	4.21	4.23	4.38	4.38	1,414.13	1,433.77	1,495.94	1,496.60	0.66	0.04	62.82	4.38
United States	36.17	36.84	37.61	37.61	9.94	10.17	10.53	10.53	359.43	374.57	396.17	396.17	0.00	0.00	21.60	5.77
Total Foreign	299.63	302.09	303.68	303.69	3.52	3.51	3.62	3.62	1,054.69	1,059.21	1,099.77	1,100.43	0.66	0.06	41.22	3.89
China	43.72	43.68	44.41	44.41	6.14	6.14	6.20	6.20	268.20	268.05	275.43	275.43	0.00	0.00	7.38	2.75
European Union	28.74	29.33	28.89	28.92	5.31	5.22	5.33	5.35	152.73	153.13	153.90	154.60	0.70	0.45	1.47	0.96
United Kingdom	1.41	1.66	1.42	1.42	6.64	5.65	5.97	5.97	9.35	9.36	8.50	8.50	0.00	0.00	-0.86	-9.16
South America																
Brazil	19.86	21.28	22.23	22.23	5.33	4.81	5.49	5.49	105.82	102.46	122.02	122.02	0.00	0.00	19.56	19.09
Argentina	8.43	8.27	8.82	8.82	6.90	6.71	6.89	6.89	58.13	55.49	60.78	60.78	-0.01	-0.01	5.29	9.52
Former Soviet Union - 12																
Russia	14.51	14.55	14.20	14.20	2.79	2.84	2.93	2.93	40.50	41.40	41.55	41.55	0.00	0.00	0.15	0.37
Ukraine	8.22	8.53	8.56	8.56	5.67	4.64	5.59	5.60	46.55	39.59	47.86	47.96	0.10	0.21	8.38	21.16
Kazakhstan	3.45	3.20	3.40	3.40	1.47	1.54	1.58	1.58	5.06	4.93	5.36	5.36	0.00	0.00	0.43	8.69
Belarus	1.08	1.03	0.92	0.92	3.08	3.42	3.18	3.18	3.32	3.52	2.93	2.93	0.00	0.00	-0.60	-16.90
Africa																
Nigeria	14.40	13.10	13.70	13.70	1.37	1.42	1.45	1.45	19.67	18.57	19.80	19.80	0.00	0.00	1.23	6.62
South Africa	3.13	3.31	3.33	3.33	5.24	5.39	5.32	5.32	16.37	17.84	17.70	17.70	0.00	0.00	-0.13	-0.75
Tanzania	4.35	5.20	5.10	5.10	1.56	1.42	1.49	1.49	6.77	7.38	7.58	7.58	0.00	0.00	0.20	2.71
Burkina Faso	4.08	4.00	4.00	4.00	1.12	0.99	1.10	1.10	4.55	3.95	4.40	4.40	0.00	0.00	0.46	11.53
Ethiopia	5.58	5.60	5.62	5.62	3.08	3.08	3.07	3.07	17.17	17.25	17.25	17.25	0.00	0.00	0.00	0.00
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
India	23.98	23.19	23.89	23.89	1.99	2.12	2.01	2.04	47.66	49.27	48.05	48.75	0.70	1.46	-0.52	-1.06
Southeast Asia																
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	2.60	2.50	2.50	3.20	3.19	3.20	3.20	8.03	8.30	8.00	8.00	0.00	0.00	-0.30	-3.61
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	4.44	4.44	4.55	5.65	5.45	5.45	0.00	0.00	-0.20	-3.54
Mexico	8.41	8.75	9.11	9.11	3.82	3.64	3.71	3.71	32.10	31.86	33.75	33.75	0.00	0.00	1.89	5.93
Canada	5.54	5.80	6.16	6.16	5.16	5.11	5.02	5.02	28.61	29.64	30.87	30.87	0.00	0.00	1.23	4.14
Australia	6.17	5.99	5.53	5.53	1.92	2.75	2.43	2.43	11.84	16.46	13.45	13.45	0.00	0.00	-3.01	-18.28
Middle East																
Turkey	4.53	4.63	4.56	4.56	3.19	3.40	3.02	2.85	14.45	15.76	13.78	12.98	-0.80	-5.81	-2.78	-17.64
Iran	1.91	1.91	1.91	1.91	2.63	2.71	2.31	2.31	5.02	5.17	4.42	4.42	0.00	0.00	-0.75	-14.51
Others	73.67	74.46	73.98	73.98	1.59	1.66	1.71	1.71	117.05	123.41	126.49	126.45	-0.04	-0.03	3.04	2.46

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	194.04	197.19	199.14	199.14	5.76	5.71	5.97	5.97	1,117.50	1,125.03	1,189.85	1,189.85	0.00	0.00	64.82	5.76
United States	32.92	33.37	33.79	33.79	10.51	10.79	11.27	11.27	345.96	360.25	380.76	380.76	0.00	0.00	20.51	5.69
Total Foreign	161.13	163.82	165.35	165.35	4.79	4.67	4.89	4.89	771.54	764.78	809.09	809.09	0.00	0.00	44.31	5.79
China	41.28	41.26	42.00	42.00	6.32	6.32	6.38	6.38	260.78	260.67	268.00	268.00	0.00	0.00	7.33	2.81
South America																
Brazil	18.50	19.88	20.80	20.80	5.51	4.96	5.67	5.67	102.00	98.50	118.00	118.00	0.00	0.00	19.50	19.80
Argentina	6.30	6.10	6.25	6.25	8.10	7.70	8.16	8.16	51.00	47.00	51.00	51.00	0.00	0.00	4.00	8.51
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
European Union	8.91	8.98	8.90	8.90	7.49	7.12	7.49	7.49	66.74	63.98	66.70	66.70	0.00	0.00	2.73	4.26
Africa																
South Africa	2.91	3.08	3.10	3.10	5.45	5.53	5.48	5.48	15.84	17.00	17.00	17.00	0.00	0.00	0.00	0.00
Nigeria	6.50	5.50	6.00	6.00	1.69	1.82	1.83	1.83	11.00	10.00	11.00	11.00	0.00	0.00	1.00	10.00
Ethiopia	2.30	2.30	2.30	2.30	3.70	3.74	3.74	3.74	8.50	8.60	8.60	8.60	0.00	0.00	0.00	0.00
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	1.50	1.59	1.59	5.65	6.30	6.50	6.50	0.00	0.00	0.20	3.17
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	1.82	3.90	4.00	4.00	4.00	0.00	0.00	0.00	0.00
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
Former Soviet Union - 12																
Ukraine	4.99	5.40	5.50	5.50	7.19	5.62	6.82	6.82	35.89	30.30	37.50	37.50	0.00	0.00	7.20	23.77
Russia	2.50	2.73	2.70	2.70	5.70	5.08	5.52	5.52	14.28	13.87	14.90	14.90	0.00	0.00	1.03	7.41
South Asia																
India	9.57	9.70	9.50	9.50	3.01	3.12	3.11	3.11	28.77	30.25	29.50	29.50	0.00	0.00	-0.75	-2.48
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
Southeast Asia																
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	2.60	2.50	2.50	3.20	3.19	3.20	3.20	8.03	8.30	8.00	8.00	0.00	0.00	-0.30	-3.61
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	4.50	4.50	4.50	5.60	5.40	5.40	0.00	0.00	-0.20	-3.57
Mexico	6.62	7.14	7.30	7.30	4.03	3.78	3.84	3.84	26.66	27.00	28.00	28.00	0.00	0.00	1.00	3.70
Canada	1.45	1.41	1.35	1.35	9.24	9.63	9.85	9.85	13.40	13.56	13.30	13.30	0.00	0.00	-0.26	-1.94
Turkey	0.52	0.62	0.54	0.54	11.54	11.45	11.48	11.48	6.00	7.10	6.20	6.20	0.00	0.00	-0.90	-12.68
Others	25.92	25.63	24.92	24.92	2.55	2.63	2.73	2.73	66.23	67.54	67.93	67.93	0.00	0.00	0.40	0.59

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	52.36	51.73	51.24	51.26	3.01	3.09	3.07	3.07	157.82	159.74	157.31	157.18	-0.13	-0.08	-2.57	-1.61
United States	0.90	0.86	0.85	0.85	4.18	4.17	4.12	4.12	3.76	3.60	3.51	3.51	0.00	0.00	-0.10	-2.64
Total Foreign	51.46	50.87	50.39	50.41	2.99	3.07	3.05	3.05	154.06	156.14	153.80	153.67	-0.13	-0.08	-2.47	-1.58
European Union	11.17	11.39	11.10	11.13	4.95	4.85	4.98	5.03	55.27	55.28	55.30	56.00	0.70	1.27	0.72	1.30
United Kingdom	1.16	1.39	1.15	1.15	6.93	5.85	6.18	6.18	8.05	8.12	7.08	7.08	0.00	0.00	-1.04	-12.84
Former Soviet Union - 12																
Russia	8.40	8.16	7.90	7.90	2.37	2.53	2.51	2.51	19.94	20.63	19.80	19.80	0.00	0.00	-0.83	-4.02
Ukraine	2.78	2.58	2.55	2.55	3.42	3.08	3.53	3.57	9.53	7.95	9.00	9.10	0.10	1.11	1.15	14.51
Kazakhstan	2.98	2.73	2.90	2.90	1.29	1.34	1.38	1.38	3.83	3.66	4.00	4.00	0.00	0.00	0.34	9.32
Belarus	0.41	0.38	0.35	0.35	2.69	2.76	2.57	2.57	1.10	1.05	0.90	0.90	0.00	0.00	-0.15	-14.29
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
Canada	2.73	2.81	3.35	3.35	3.81	3.82	3.73	3.73	10.38	10.74	12.50	12.50	0.00	0.00	1.76	16.38
Australia	5.04	4.40	4.00	4.00	2.01	2.95	2.50	2.50	10.13	13.00	10.00	10.00	0.00	0.00	-3.00	-23.08
Middle East																
Turkey	3.80	3.80	3.80	3.80	2.08	2.13	1.84	1.63	7.90	8.10	7.00	6.20	-0.80	-11.43	-1.90	-23.46
Iran	1.70	1.70	1.70	1.70	2.12	2.21	1.76	1.76	3.60	3.75	3.00	3.00	0.00	0.00	-0.75	-20.00
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
Africa																
Ethiopia	1.00	1.00	1.00	1.00	2.30	2.35	2.35	2.35	2.30	2.35	2.35	2.35	0.00	0.00	0.00	0.00
Morocco	1.05	1.47	1.49	1.49	1.11	0.44	1.61	1.61	1.16	0.64	2.40	2.40	0.00	0.00	1.76	275.00
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	1.91	1.77	0.91	0.47	0.70	0.65	-0.05	-7.14	0.19	39.78
South Africa	0.13	0.14	0.15	0.15	2.61	4.14	3.45	3.45	0.35	0.59	0.50	0.50	0.00	0.00	-0.09	-14.97
South America																
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	0.18	0.19	0.19	3.68	3.72	3.73	3.73	0.61	0.67	0.69	0.69	0.00	0.00	0.02	2.99
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
India	0.58	0.59	0.69	0.69	2.84	2.92	2.83	2.68	1.63	1.72	1.95	1.85	-0.10	-5.13	0.13	7.56
China	0.26	0.26	0.25	0.25	3.46	3.46	3.60	3.60	0.90	0.90	0.90	0.90	0.00	0.00	0.00	0.00
Mexico	0.36	0.29	0.34	0.34	2.81	2.76	2.82	2.82	1.01	0.80	0.96	0.96	0.00	0.00	0.16	20.00
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
Others	1.79	1.80	1.82	1.82	2.45	2.42	2.41	2.42	4.38	4.35	4.39	4.41	0.02	0.46	0.06	1.31

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	9.67	10.18	9.92	9.92	2.40	2.51	2.47	2.47	23.23	25.53	24.55	24.55	-0.01	-0.02	-0.98	-3.84
United States	0.34	0.41	0.32	0.32	2.31	2.34	2.37	2.37	0.77	0.95	0.77	0.77	0.00	0.00	-0.18	-18.97
Total Foreign	9.33	9.77	9.60	9.59	2.41	2.52	2.48	2.48	22.46	24.58	23.78	23.78	-0.01	-0.02	-0.80	-3.25
European Union	2.37	2.58	2.50	2.50	2.94	3.20	2.98	2.98	6.95	8.25	7.45	7.45	0.00	0.00	-0.80	-9.69
Former Soviet Union - 12																
Russia	2.43	2.33	2.40	2.40	1.82	1.77	1.88	1.88	4.42	4.13	4.50	4.50	0.00	0.00	0.37	9.04
Ukraine	0.18	0.20	0.19	0.19	2.32	2.54	2.50	2.50	0.43	0.52	0.48	0.48	0.00	0.00	-0.04	-7.77
Belarus	0.16	0.15	0.16	0.16	2.30	2.47	2.34	2.34	0.37	0.37	0.38	0.38	0.00	0.00	0.01	1.35
Kazakhstan	0.24	0.23	0.25	0.25	1.10	1.05	1.10	1.10	0.27	0.24	0.28	0.28	0.00	0.00	0.04	14.58
Canada	1.17	1.31	1.20	1.20	3.62	3.48	3.58	3.58	4.23	4.58	4.30	4.30	0.00	0.00	-0.28	-6.03
South America																
Argentina	0.32	0.29	0.30	0.30	1.86	2.24	2.30	2.30	0.60	0.65	0.69	0.69	0.00	0.00	0.04	6.15
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	5.60	5.45	5.45	0.48	0.64	0.60	0.60	0.00	0.00	-0.04	-5.96
Uruguay	0.02	0.02	0.02	0.02	2.19	2.20	2.00	2.33	0.04	0.03	0.04	0.04	-0.01	-12.50	0.00	6.06
Oceania																
Australia	0.82	0.95	0.85	0.85	1.40	1.76	1.53	1.53	1.14	1.68	1.30	1.30	0.00	0.00	-0.38	-22.39
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
China	0.53	0.53	0.53	0.53	1.19	1.19	1.19	1.19	0.63	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	0.01	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	0.02	0.02	0.81	2.15	1.50	1.50	0.02	0.06	0.03	0.03	0.00	0.00	-0.03	-46.43
Other Europe																
United Kingdom	0.18	0.21	0.22	0.22	5.91	4.91	5.58	5.58	1.08	1.03	1.20	1.20	0.00	0.00	0.17	16.39
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	0.01	0.01	0.01	2.06	2.14	2.14	2.14	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
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
Turkey	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
Mexico	0.05	0.03	0.05	0.05	1.98	2.00	2.00	2.00	0.10	0.06	0.09	0.09	0.00	0.00	0.03	50.00
Others	0.03	0.03	0.03	0.03	1.67	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.		2021/22 Proj.		Prel.		2021/22 Proj.		Prel.		2021/22 Proj.		From last month		From last year	
	2019/20	2020/21	May	Jun	2019/20	2020/21	May	Jun	2019/20	2020/21	May	Jun	MMT	Percent	MMT	Percent
World	4.03	4.23	4.17	4.17	3.04	3.38	3.13	3.13	12.26	14.30	13.05	13.05	-0.01	-0.04	-1.25	-8.74
United States	0.13	0.13	0.14	0.14	2.16	2.19	2.08	2.08	0.27	0.29	0.29	0.29	0.00	0.00	-0.01	-2.05
Total Foreign	3.91	4.09	4.03	4.03	3.07	3.42	3.17	3.17	11.99	14.00	12.77	12.76	-0.01	-0.04	-1.24	-8.88
European Union	2.21	2.23	2.20	2.20	3.80	4.10	3.77	3.77	8.40	9.12	8.30	8.30	0.00	0.00	-0.82	-8.94
Former Soviet Union - 12																
Russia	0.82	0.97	0.95	0.95	1.73	2.44	2.16	2.16	1.42	2.38	2.05	2.05	0.00	0.00	-0.33	-13.72
Belarus	0.32	0.30	0.25	0.25	2.37	3.00	2.80	2.80	0.76	0.90	0.70	0.70	0.00	0.00	-0.20	-22.22
Ukraine	0.12	0.14	0.17	0.17	2.90	3.28	3.21	3.21	0.34	0.46	0.53	0.53	0.00	0.00	0.07	15.47
Kazakhstan	0.02	0.02	0.03	0.03	1.00	1.25	1.20	1.20	0.02	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Turkey	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
Canada	0.10	0.15	0.16	0.16	3.23	3.19	3.19	3.19	0.33	0.49	0.51	0.51	0.00	0.00	0.02	4.51
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	0.11	0.07	0.07	0.07	2.04	2.00	2.00	2.05	0.22	0.14	0.14	0.14	-0.01	-3.57	-0.01	-3.57
Other Europe																
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
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	0.04	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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	40.53	40.68	41.97	41.97	1.44	1.53	1.55	1.55	58.28	62.05	65.21	65.21	0.00	0.00	3.16	5.10
United States	1.89	2.06	2.51	2.51	4.58	4.59	4.32	4.32	8.67	9.47	10.85	10.85	0.00	0.00	1.37	14.48
Total Foreign	38.64	38.62	39.46	39.46	1.28	1.36	1.38	1.38	49.61	52.58	54.37	54.37	0.00	0.00	1.79	3.41
Africa																
Nigeria	5.90	5.60	5.70	5.70	1.13	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	1.85	1.87	1.87	2.88	2.81	2.78	2.78	5.27	5.20	5.20	5.20	0.00	0.00	0.00	0.00
Sudan	6.83	7.00	7.00	7.00	0.54	0.71	0.71	0.71	3.71	5.00	5.00	5.00	0.00	0.00	0.00	0.00
Burkina Faso	1.89	1.80	1.80	1.80	0.99	0.87	0.94	0.94	1.87	1.56	1.70	1.70	0.00	0.00	0.14	8.97
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	0.30	0.30	0.25	0.25	1.08	0.97	0.70	0.70	0.33	0.29	0.18	0.18	0.00	0.00	-0.12	-39.66
South Africa	0.04	0.05	0.05	0.05	3.67	3.88	3.78	3.78	0.16	0.19	0.17	0.17	0.00	0.00	-0.02	-10.53
Mexico	1.38	1.29	1.42	1.42	3.14	3.10	3.31	3.31	4.33	4.00	4.70	4.70	0.00	0.00	0.70	17.50
South America																
Argentina	0.58	0.72	0.95	0.95	4.35	4.48	4.37	4.37	2.50	3.20	4.15	4.15	0.00	0.00	0.95	29.69
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
South Asia																
India	4.82	4.10	4.80	4.80	0.99	1.17	0.96	0.96	4.77	4.80	4.60	4.60	0.00	0.00	-0.20	-4.17
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
China	0.75	0.73	0.73	0.73	4.80	4.86	4.93	4.93	3.60	3.55	3.60	3.60	0.00	0.00	0.05	1.41
Australia	0.20	0.51	0.53	0.53	1.46	2.65	3.02	3.02	0.30	1.35	1.60	1.60	0.00	0.00	0.25	18.52
European Union	0.16	0.20	0.19	0.19	5.30	5.05	5.53	5.53	0.85	1.01	1.05	1.05	0.00	0.00	0.04	3.96
Others	5.40	5.57	5.57	5.57	1.07	1.04	1.08	1.08	5.78	5.80	5.99	5.99	0.00	0.00	0.19	3.31

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	160.41	162.57	162.66	163.02	4.63	4.64	4.64	4.64	497.78	504.99	505.45	506.62	1.17	0.23	1.62	0.32
United States	1.00	1.21	1.08	1.08	8.38	8.54	8.57	8.57	5.88	7.23	6.46	6.46	0.00	0.00	-0.76	-10.55
Total Foreign	159.40	161.36	161.59	161.95	4.61	4.61	4.61	4.61	491.91	497.77	498.98	500.15	1.17	0.23	2.39	0.48
East Asia																
China	29.69	30.08	30.00	30.00	7.06	7.04	7.10	7.10	146.73	148.30	149.00	149.00	0.00	0.00	0.70	0.47
Japan	1.54	1.53	1.53	1.53	6.78	6.78	6.83	6.83	7.61	7.57	7.58	7.58	0.00	0.00	0.01	0.17
Korea, South	0.73	0.73	0.72	0.72	6.87	6.49	7.01	7.01	3.74	3.51	3.77	3.77	0.00	0.00	0.26	7.50
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	43.66	44.40	44.00	44.40	4.08	4.12	4.09	4.09	118.87	122.00	120.00	121.00	1.00	0.83	-1.00	-0.82
Bangladesh	11.83	11.50	11.65	11.65	4.55	4.51	4.55	4.55	35.85	34.60	35.33	35.33	0.00	0.00	0.73	2.11
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	1.00	1.00	4.85	4.66	4.72	4.72	3.21	3.45	3.21	3.21	0.00	0.00	-0.24	-6.96
Southeast Asia																
Indonesia	11.60	11.80	11.80	11.80	4.71	4.70	4.71	4.71	34.70	35.20	35.30	35.30	0.00	0.00	0.10	0.28
Vietnam	7.38	7.35	7.30	7.30	5.88	5.90	5.90	5.90	27.10	27.10	26.90	26.90	0.00	0.00	-0.20	-0.74
Thailand	9.89	10.40	10.50	10.50	2.70	2.74	2.81	2.81	17.66	18.83	19.50	19.50	0.00	0.00	0.67	3.56
Burma	6.90	6.90	7.00	7.00	2.86	2.85	2.86	2.86	12.65	12.60	12.80	12.80	0.00	0.00	0.20	1.59
Philippines	4.64	4.80	4.75	4.75	4.08	4.10	4.11	4.11	11.93	12.40	12.30	12.30	0.00	0.00	-0.10	-0.81
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
South America																
Brazil	1.67	1.69	1.74	1.70	6.71	6.89	6.47	6.76	7.60	7.90	7.65	7.82	0.17	2.22	-0.08	-1.00
Peru	0.42	0.42	0.43	0.43	7.68	7.76	7.92	7.92	2.20	2.25	2.35	2.35	0.00	0.00	0.10	4.44
Africa																
Egypt	0.76	0.70	0.70	0.70	8.20	8.28	8.28	8.28	4.30	4.00	4.00	4.00	0.00	0.00	0.00	0.00
Madagascar	1.40	1.40	1.40	1.40	3.02	2.86	2.57	2.57	2.71	2.56	2.30	2.30	0.00	0.00	-0.26	-10.00
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
European Union	0.42	0.42	0.42	0.42	6.88	6.73	6.78	6.78	1.99	1.96	1.99	1.99	0.00	0.00	0.03	1.43
Iran	0.58	0.58	0.58	0.58	5.25	5.27	5.27	5.27	1.99	2.00	2.00	2.00	0.00	0.00	0.00	0.00
Others	12.04	11.73	12.20	12.20	3.08	3.09	3.12	3.12	24.40	23.93	25.09	25.09	0.00	0.00	1.16	4.85

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World Total	--	--	--	--	--	--	--	--	580.70	600.51	632.23	632.86	0.63	0.10	32.36	5.39
Total Foreign	--	--	--	--	--	--	--	--	473.72	478.15	501.94	502.57	0.63	0.13	24.42	5.11
Oilseed, Copra	--	--	--	--	--	--	--	--	5.84	5.72	5.98	5.98	0.00	0.00	0.26	4.49
Oilseed, Palm Kernel	--	--	--	--	--	--	--	--	19.15	18.82	19.76	19.76	0.00	0.00	0.94	4.98
Major Oilseeds	246.24	250.67	257.59	257.69	2.26	2.30	2.35	2.36	555.71	575.96	606.49	607.12	0.63	0.10	31.16	5.41
United States	36.83	38.72	40.92	40.92	2.91	3.16	3.18	3.18	106.98	122.35	130.29	130.29	0.00	0.00	7.94	6.49
Foreign Oilseeds	209.41	211.95	216.67	216.78	2.14	2.14	2.20	2.20	448.73	453.61	476.20	476.83	0.63	0.13	23.22	5.12
South America	63.80	64.93	68.33	68.32	3.18	3.21	3.27	3.27	203.09	208.72	223.15	223.14	-0.01	-0.01	14.42	6.91
Brazil	38.77	40.20	42.21	42.21	3.45	3.52	3.53	3.53	133.78	141.43	149.15	149.15	0.00	0.00	7.72	5.46
Argentina	19.03	18.68	19.59	19.59	2.82	2.76	2.92	2.92	53.64	51.53	57.14	57.12	-0.01	-0.02	5.59	10.85
Paraguay	3.38	3.24	3.54	3.54	3.02	3.09	3.00	3.00	10.21	10.02	10.62	10.62	0.00	0.00	0.60	6.00
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	1.17	1.32	1.32	2.14	1.92	2.06	2.06	2.09	2.24	2.72	2.72	0.00	0.00	0.48	21.48
China	25.22	25.62	25.35	25.25	2.50	2.56	2.55	2.55	63.03	65.47	64.68	64.40	-0.28	-0.43	-1.07	-1.63
South Asia	41.30	43.21	42.52	42.52	0.96	0.95	0.98	0.98	39.47	41.26	41.66	41.66	0.00	0.00	0.41	0.98
India	37.85	39.95	39.35	39.35	0.94	0.95	0.97	0.97	35.62	38.15	38.20	38.20	0.00	0.00	0.05	0.14
Pakistan	3.08	2.90	2.80	2.80	1.10	0.92	1.08	1.08	3.40	2.66	3.02	3.02	0.00	-0.03	0.36	13.42
European Union	10.65	10.80	10.90	10.90	2.62	2.61	2.75	2.81	27.94	28.21	29.98	30.58	0.60	2.00	2.37	8.39
United Kingdom	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
Former Soviet Union - 12	26.10	25.69	25.97	25.97	1.96	1.74	1.91	1.91	51.05	44.66	49.51	49.56	0.05	0.10	4.90	10.97
Russia	12.56	12.50	12.80	12.80	1.73	1.61	1.68	1.68	21.70	20.14	21.45	21.45	0.00	0.00	1.31	6.49
Ukraine	9.70	9.65	9.48	9.48	2.52	2.06	2.44	2.45	24.46	19.85	23.15	23.20	0.05	0.22	3.35	16.88
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
Canada	10.76	10.41	11.09	11.09	2.40	2.45	2.43	2.43	25.82	25.45	26.98	26.98	0.00	0.00	1.52	5.99
Africa	22.78	22.17	22.90	23.01	1.01	1.04	1.01	1.01	22.92	23.06	23.22	23.29	0.07	0.31	0.23	1.00
Nigeria	4.35	4.47	4.47	4.47	1.23	1.21	1.21	1.21	5.36	5.43	5.43	5.43	0.00	0.00	0.00	0.00
South Africa	1.27	1.37	1.45	1.45	1.70	2.01	1.87	1.87	2.16	2.75	2.71	2.71	0.00	0.00	-0.04	-1.49
Tanzania	1.60	1.45	1.45	1.55	0.85	0.87	0.87	0.85	1.36	1.26	1.26	1.32	0.06	4.43	0.06	4.43
Southeast Asia	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
Australia	2.13	2.73	3.16	3.26	1.19	1.81	1.50	1.52	2.54	4.92	4.75	4.95	0.20	4.21	0.03	0.61
Turkey	1.42	1.18	1.31	1.31	2.33	2.46	2.49	2.49	3.31	2.89	3.27	3.27	0.00	0.00	0.38	13.06
Others	1.65	1.59	1.64	1.64	2.17	2.20	2.17	2.17	3.58	3.51	3.56	3.56	0.00	0.00	0.05	1.40

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	122.65	127.60	132.51	132.51	2.77	2.85	2.91	2.91	339.42	364.07	385.53	385.52	0.00	0.00	21.46	5.89
United States	30.33	33.31	35.09	35.09	3.19	3.38	3.42	3.42	96.67	112.55	119.88	119.88	0.00	0.00	7.34	6.52
Total Foreign	92.32	94.29	97.42	97.42	2.63	2.67	2.73	2.73	242.75	251.52	265.64	265.64	0.00	0.00	14.12	5.62
South America																
Brazil	36.90	38.60	40.40	40.40	3.48	3.55	3.56	3.56	128.50	137.00	144.00	144.00	0.00	0.00	7.00	5.11
Argentina	16.70	16.50	17.20	17.20	2.92	2.85	3.02	3.02	48.80	47.00	52.00	52.00	0.00	0.00	5.00	10.64
Paraguay	3.30	3.15	3.45	3.45	3.06	3.14	3.04	3.04	10.10	9.90	10.50	10.50	0.00	0.00	0.60	6.06
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	1.10	1.25	1.25	2.17	1.93	2.08	2.08	1.99	2.13	2.60	2.60	0.00	0.00	0.48	22.35
East Asia																
China	9.30	9.87	9.60	9.60	1.95	1.99	1.98	1.98	18.10	19.60	19.00	19.00	0.00	0.00	-0.60	-3.06
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	0.15	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	0.14	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
India	12.19	12.70	12.70	12.70	0.76	0.82	0.88	0.88	9.30	10.45	11.20	11.20	0.00	0.00	0.75	7.18
Canada	2.27	2.04	2.20	2.20	2.71	3.11	2.91	2.91	6.15	6.35	6.40	6.40	0.00	0.00	0.05	0.79
Former Soviet Union - 12																
Russia	2.78	2.71	2.90	2.90	1.57	1.59	1.59	1.59	4.36	4.31	4.60	4.60	0.00	0.00	0.29	6.80
Ukraine	1.96	1.46	1.50	1.50	2.29	2.05	2.33	2.33	4.50	3.00	3.50	3.50	0.00	0.00	0.50	16.67
European Union	0.90	0.94	0.98	0.98	2.90	2.74	2.87	2.87	2.62	2.58	2.80	2.80	0.00	0.00	0.23	8.74
Southeast Asia																
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
Serbia	0.22	0.22	0.22	0.22	2.73	2.89	2.84	2.84	0.60	0.64	0.63	0.63	0.00	0.00	-0.01	-1.57
Mexico	0.15	0.16	0.19	0.19	1.57	1.55	1.58	1.58	0.24	0.24	0.30	0.30	0.00	0.00	0.06	25.00
Africa																
South Africa	0.71	0.83	0.85	0.85	1.77	2.31	2.06	2.06	1.25	1.92	1.75	1.75	0.00	0.00	-0.17	-8.85
Nigeria	1.00	1.00	1.00	1.00	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.00	0.00	0.00	0.00
Zambia	0.20	0.19	0.19	0.19	1.43	1.50	1.50	1.50	0.28	0.29	0.29	0.29	0.00	0.00	0.00	0.00
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	2.43	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
Others	0.36	0.36	0.36	0.36	1.92	1.92	1.92	1.92	0.69	0.68	0.68	0.68	0.00	-0.15	0.00	0.00

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	34.28	30.94	32.42	32.43	1.30	1.35	1.35	1.34	44.42	41.74	43.67	43.46	-0.21	-0.47	1.72	4.13
United States	4.65	3.35	3.90	3.90	1.16	1.22	1.25	1.25	5.39	4.09	4.87	4.87	0.00	0.00	0.78	19.09
Total Foreign	29.63	27.59	28.52	28.53	1.32	1.36	1.36	1.35	39.02	37.65	38.79	38.59	-0.21	-0.53	0.94	2.50
South Asia																
India	13.50	13.00	13.00	13.00	0.93	0.95	0.95	0.95	12.52	12.31	12.31	12.31	0.00	0.00	0.00	0.00
Pakistan	2.45	2.20	2.10	2.10	1.10	0.89	1.09	1.09	2.69	1.95	2.30	2.30	0.00	0.00	0.35	17.80
China	3.45	3.25	3.20	3.10	3.10	3.50	3.37	3.39	10.68	11.37	10.78	10.50	-0.28	-2.57	-0.87	-7.61
Former Soviet Union - 12																
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	1.22	1.15	1.15	0.23	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Kazakhstan	0.13	0.11	0.12	0.12	1.13	0.95	0.93	0.93	0.14	0.11	0.11	0.11	0.00	0.00	0.00	1.90
South America																
Brazil	1.67	1.40	1.60	1.60	2.75	2.67	2.75	2.75	4.58	3.74	4.40	4.40	0.00	0.00	0.66	17.78
Argentina	0.42	0.44	0.42	0.42	0.68	0.67	0.70	0.70	0.28	0.29	0.29	0.29	0.00	0.00	0.00	1.03
Middle East																
Turkey	0.57	0.35	0.45	0.45	1.98	2.71	2.47	2.47	1.13	0.95	1.11	1.11	0.00	0.00	0.16	17.21
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
Australia	0.06	0.28	0.41	0.41	3.12	3.06	2.86	2.86	0.19	0.84	1.17	1.17	0.00	0.00	0.33	39.24
European Union	0.35	0.34	0.32	0.32	1.81	1.58	1.78	1.78	0.64	0.54	0.58	0.58	0.00	0.00	0.04	7.45
Africa																
Burkina Faso	0.58	0.56	0.59	0.59	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	0.70	0.70	0.52	0.49	0.52	0.52	0.38	0.08	0.37	0.37	0.00	0.00	0.28	350.62
Cameroon	0.25	0.25	0.25	0.25	1.29	1.28	1.20	1.20	0.32	0.32	0.30	0.30	0.00	0.00	-0.02	-6.25
Cote d'Ivoire	0.41	0.45	0.45	0.45	0.66	0.61	0.59	0.61	0.27	0.27	0.27	0.27	0.01	2.62	0.00	1.48
Benin	0.67	0.62	0.65	0.65	0.71	0.78	0.71	0.71	0.47	0.48	0.46	0.46	0.00	0.00	-0.02	-3.34
Tanzania	0.60	0.45	0.45	0.55	0.43	0.36	0.36	0.40	0.26	0.16	0.16	0.22	0.06	34.36	0.06	34.36
Egypt	0.10	0.07	0.07	0.08	0.92	1.00	1.06	1.04	0.09	0.07	0.07	0.08	0.01	12.16	0.02	27.69
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
Mexico	0.23	0.15	0.15	0.15	2.37	2.40	2.33	2.33	0.53	0.35	0.35	0.35	0.00	0.00	0.00	0.57
Burma	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
Others	0.78	0.70	0.76	0.76	0.76	0.74	0.72	0.72	0.59	0.52	0.55	0.55	0.00	0.00	0.02	4.39

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	28.09	29.27	28.80	28.80	1.71	1.67	1.71	1.71	48.09	48.94	49.17	49.17	0.00	0.00	0.23	0.47
United States	0.56	0.65	0.63	0.63	4.41	4.25	4.54	4.54	2.48	2.78	2.87	2.87	0.00	0.00	0.09	3.06
Total Foreign	27.53	28.62	28.17	28.17	1.66	1.61	1.64	1.64	45.61	46.16	46.30	46.30	0.00	0.00	0.15	0.31
China	4.63	4.60	4.75	4.75	3.78	3.80	3.83	3.83	17.52	17.50	18.20	18.20	0.00	0.00	0.70	4.00
Africa																
Nigeria	3.20	3.20	3.20	3.20	1.38	1.38	1.38	1.38	4.40	4.40	4.40	4.40	0.00	0.00	0.00	0.00
Sudan	3.13	3.00	3.00	3.00	0.90	0.83	0.83	0.83	2.83	2.50	2.50	2.50	0.00	0.00	0.00	0.00
Senegal	1.11	1.22	1.20	1.20	1.28	1.31	1.29	1.29	1.42	1.60	1.55	1.55	0.00	0.00	-0.05	-3.13
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	0.38	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	0.19	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
South Asia																
India	4.83	5.80	5.20	5.20	1.30	1.16	1.15	1.15	6.26	6.70	6.00	6.00	0.00	0.00	-0.70	-10.45
Pakistan	0.09	0.10	0.10	0.10	0.98	0.92	0.92	0.92	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00
Southeast Asia																
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
South America																
Argentina	0.37	0.35	0.35	0.35	3.50	3.71	4.00	4.00	1.29	1.30	1.40	1.40	0.00	0.00	0.10	7.69
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
Mexico	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
Others	1.80	1.80	1.81	1.81	1.12	1.15	1.16	1.16	2.00	2.07	2.10	2.10	0.00	0.00	0.03	1.45

Table 14 Sunflowerseed Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	26.35	26.90	27.02	27.02	2.08	1.85	2.03	2.03	54.72	49.72	54.92	54.92	0.00	0.00	5.20	10.46
United States	0.51	0.67	0.47	0.47	1.75	2.01	1.91	1.91	0.89	1.35	0.90	0.90	0.00	0.00	-0.46	-33.70
Total Foreign	25.85	26.22	26.55	26.55	2.08	1.84	2.03	2.03	53.83	48.36	54.02	54.02	0.00	0.00	5.65	11.69
Former Soviet Union - 12																
Russia	8.36	8.35	8.50	8.50	1.83	1.59	1.71	1.71	15.31	13.27	14.50	14.50	0.00	0.00	1.23	9.28
Ukraine	6.40	7.00	6.90	6.90	2.58	2.01	2.42	2.42	16.50	14.10	16.70	16.70	0.00	0.00	2.60	18.44
Kazakhstan	0.82	0.69	0.70	0.70	1.03	1.23	1.29	1.29	0.84	0.84	0.90	0.90	0.00	0.00	0.06	6.64
European Union	4.32	4.35	4.40	4.40	2.19	2.03	2.27	2.27	9.44	8.85	10.00	10.00	0.00	0.00	1.15	12.99
South America																
Argentina	1.53	1.38	1.60	1.60	2.11	2.11	2.13	2.13	3.24	2.90	3.40	3.40	0.00	0.00	0.50	17.24
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
China	1.25	1.25	1.10	1.10	2.60	2.64	2.64	2.64	3.25	3.30	2.90	2.90	0.00	0.00	-0.40	-12.12
South Asia																
India	0.23	0.25	0.25	0.25	0.61	0.76	0.75	0.75	0.14	0.19	0.19	0.19	0.00	0.00	0.00	1.62
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
Middle East																
Turkey	0.73	0.72	0.76	0.76	2.40	2.17	2.38	2.38	1.75	1.56	1.80	1.80	0.00	0.00	0.24	15.38
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
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	1.32	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	0.55	0.55	1.58	1.50	1.56	1.56	0.79	0.72	0.85	0.85	0.00	0.00	0.13	18.06
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	0.05	0.04	0.04	2.17	2.24	2.14	2.14	0.06	0.10	0.08	0.08	0.00	0.00	-0.03	-25.74
Australia	0.01	0.02	0.02	0.02	1.25	1.31	1.31	1.31	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Others	0.59	0.64	0.67	0.67	2.52	2.36	2.48	2.48	1.50	1.51	1.66	1.66	0.00	0.00	0.15	9.66

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MMT	Percent	MMT	Percent
World	34.86	35.96	36.84	36.94	1.98	1.99	1.99	2.00	69.08	71.50	73.21	74.05	0.84	1.14	2.55	3.57
United States	0.78	0.73	0.83	0.83	2.00	2.16	2.13	2.13	1.55	1.58	1.77	1.77	0.00	0.00	0.19	12.25
Total Foreign	34.09	35.23	36.01	36.11	1.98	1.98	1.98	2.00	67.52	69.92	71.44	72.28	0.84	1.17	2.36	3.38
European Union	5.08	5.17	5.20	5.20	3.00	3.15	3.19	3.31	15.24	16.25	16.60	17.20	0.60	3.61	0.95	5.86
United Kingdom	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
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
Canada	8.46	8.32	8.85	8.85	2.32	2.28	2.32	2.32	19.61	19.00	20.50	20.50	0.00	0.00	1.50	7.89
China	6.58	6.65	6.70	6.70	2.05	2.06	2.06	2.06	13.49	13.70	13.80	13.80	0.00	0.00	0.10	0.73
South Asia																
India	7.10	8.20	8.20	8.20	1.04	1.04	1.04	1.04	7.40	8.50	8.50	8.50	0.00	0.00	0.00	0.00
Pakistan	0.40	0.45	0.45	0.45	1.20	1.02	1.03	1.03	0.48	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
Former Soviet Union - 12																
Russia	1.42	1.45	1.40	1.40	1.44	1.77	1.68	1.68	2.04	2.57	2.35	2.35	0.00	0.00	-0.22	-8.45
Ukraine	1.34	1.19	1.08	1.08	2.59	2.31	2.74	2.79	3.47	2.75	2.95	3.00	0.05	1.69	0.25	9.09
Belarus	0.34	0.35	0.32	0.32	1.68	1.57	1.59	1.59	0.58	0.55	0.50	0.50	0.00	0.00	-0.05	-9.09
Kazakhstan	0.27	0.12	0.25	0.25	0.90	1.23	1.10	1.10	0.24	0.15	0.28	0.28	0.00	0.00	0.12	79.74
Australia	2.03	2.40	2.70	2.80	1.13	1.67	1.30	1.32	2.30	4.00	3.50	3.70	0.20	5.71	-0.30	-7.50
South America																
Chile	0.04	0.03	0.04	0.04	4.05	4.00	4.00	4.00	0.15	0.14	0.14	0.14	0.00	0.00	0.00	2.94
Paraguay	0.04	0.05	0.04	0.04	1.50	1.41	1.45	1.45	0.06	0.07	0.06	0.06	0.00	0.00	0.00	-1.54
Ethiopia	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
Others	0.20	0.17	0.18	0.18	2.30	2.28	2.11	2.10	0.45	0.40	0.38	0.37	-0.01	-3.16	-0.03	-7.30

World and Selected Countries and Regions

Table 16 Copra, Palm Kernel, and Palm Oil Production

Country / Region	Production (Million metric tons)				Change in Production			
	2019/20	Prel.	2021/22 Proj.		From last month		From last year	
		2020/21	May	Jun	MMT	Percent	MMT	Percent
Oilseed, Copra								
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
Mexico	0.22	0.20	0.20	0.20	0.00	0.00	0.00	0.00
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
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	5.84	5.72	5.98	5.98	0.00	0.00	0.26	4.55
Oilseed, Palm Kernel								
Indonesia	11.25	11.46	11.70	11.70	0.00	0.00	0.24	2.09
Malaysia	4.75	4.20	4.80	4.80	0.00	0.00	0.60	14.29
Thailand	0.75	0.80	0.85	0.85	0.00	0.00	0.05	6.25
Nigeria	0.73	0.73	0.73	0.73	0.00	0.00	0.00	0.00
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
Ecuador	0.11	0.13	0.12	0.12	0.00	0.00	-0.01	-7.69
World	19.15	18.82	19.76	19.76	0.00	0.00	0.94	4.99
Oil, Palm								
Indonesia	42.50	43.50	44.50	44.50	0.00	0.00	1.00	2.30
Malaysia	19.26	18.50	19.70	19.70	0.00	0.00	1.20	6.49
Thailand	2.30	2.40	3.10	3.10	0.00	0.00	0.70	29.17
Colombia	1.53	1.56	1.65	1.65	0.00	0.00	0.09	5.77
Nigeria	1.22	1.28	1.28	1.28	0.00	0.00	0.00	0.00
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
Ecuador	0.46	0.54	0.55	0.55	0.00	0.00	0.01	1.85
Cote d'Ivoire	0.52	0.52	0.52	0.52	0.00	0.00	0.00	0.00
World	72.70	73.17	76.38	76.38	0.00	0.00	3.21	4.39

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			
	2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		2019/20	Prel. 2020/21	2021/22 Proj.		From last month		From last year	
			May	Jun			May	Jun			May	Jun	MBales	Percent	MBales	Percent
World	34.96	31.61	33.08	33.09	756	780	786	782	121.42	113.26	119.44	118.87	-0.57	-0.48	5.61	4.96
United States	4.65	3.35	3.90	3.90	932	950	950	950	19.91	14.61	17.00	17.00	0.00	0.00	2.39	16.37
Total Foreign	30.31	28.26	29.18	29.19	729	760	764	760	101.50	98.65	102.44	101.87	-0.57	-0.56	3.22	3.27
South Asia																
India	13.50	13.00	13.00	13.00	464	477	486	486	28.80	28.50	29.00	29.00	0.00	0.00	0.50	1.75
Pakistan	2.45	2.20	2.10	2.10	551	445	550	550	6.20	4.50	5.30	5.30	0.00	0.00	0.80	17.78
China	3.45	3.25	3.20	3.10	1,720	1,976	1,871	1,879	27.25	29.50	27.50	26.75	-0.75	-2.73	-2.75	-9.32
South America																
Brazil	1.67	1.40	1.60	1.60	1,802	1,750	1,803	1,803	13.78	11.25	13.25	13.25	0.00	0.00	2.00	17.78
Argentina	0.42	0.44	0.42	0.42	682	671	700	700	1.30	1.34	1.35	1.35	0.00	0.00	0.01	0.75
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 Faso	0.58	0.56	0.59	0.59	330	358	351	351	0.88	0.92	0.95	0.95	0.00	0.00	0.04	3.83
Mali	0.74	0.17	0.70	0.70	400	376	401	401	1.35	0.29	1.29	1.29	0.00	0.00	1.01	352.63
Cote d'Ivoire	0.41	0.45	0.45	0.45	528	494	484	496	0.99	1.01	1.00	1.03	0.03	2.50	0.02	1.49
Benin	0.67	0.62	0.65	0.65	467	513	469	469	1.43	1.45	1.40	1.40	0.00	0.00	-0.05	-3.45
Egypt	0.10	0.07	0.07	0.08	664	720	762	748	0.31	0.22	0.25	0.28	0.03	12.24	0.06	27.91
Cameroon	0.25	0.25	0.25	0.25	562	557	523	523	0.65	0.64	0.60	0.60	0.00	0.00	-0.04	-6.25
Tanzania	0.60	0.45	0.45	0.55	216	181	181	198	0.60	0.38	0.38	0.50	0.13	33.33	0.13	33.33
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
Former Soviet Union - 12																
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	680	640	640	0.59	0.50	0.50	0.50	0.00	0.00	0.00	0.00
Kazakhstan	0.13	0.11	0.12	0.12	627	534	521	521	0.36	0.27	0.28	0.28	0.00	0.00	0.01	1.85
Middle East																
Turkey	0.57	0.35	0.45	0.45	1,318	1,804	1,645	1,645	3.45	2.90	3.40	3.40	0.00	0.00	0.50	17.24
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
Australia	0.06	0.28	0.41	0.41	2,268	2,217	2,071	2,071	0.63	2.80	3.90	3.90	0.00	0.00	1.10	39.29
Mexico	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
Burma	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
Others	2.01	1.92	1.95	1.95	562	531	538	538	5.18	4.68	4.83	4.83	0.00	0.00	0.15	3.12

World and Selected Countries and Regions

TABLE 18

The table below presents a record of the June projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 3.0 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 5.1 percent. The average difference between the June projection and the final estimate is 16.0 million tons, ranging from 0.4 million to 32.2 million tons. The June projection has been below the estimate 25 times and above 15 times.

RELIABILITY OF PRODUCTION PROJECTIONS 1/

COMMODITY AND REGION	Root mean square error	90 percent confidence interval	Difference between forecast and final estimate					
			Average	Smallest	Largest	Years		
						Below final	Above final	
<i>WHEAT</i> World U.S. Foreign <i>COARSE GRAINS 2/</i> World U.S. Foreign <i>RICE (Milled)</i> World U.S. Foreign <i>SOYBEANS</i> World U.S. Foreign <i>COTTON</i> World U.S. Foreign <i>UNITED STATES</i> <i>CORN</i> <i>SORGHUM</i> <i>BARLEY</i> <i>OATS</i>	Percent		---Million metric tons---					
		3.0	5.1	16.0	0.4	32.2	25	15
		5.7	9.7	2.6	0.0	8.4	23	17
		3.2	5.4	15.0	1.1	31.9	24	15
		3.6	6.2	27.4	0.6	103.3	22	18
		13.6	23.0	20.3	0.5	103.8	21	19
		2.8	4.7	14.9	0.4	45.6	20	19
		2.4	4.0	7.0	0.3	21.8	26	14
		7.3	12.3	0.3	0.0	1.1	22	18
		2.4	4.1	6.9	0.4	21.9	25	14
		NA	NA	11.1	0.1	27.9	7	10
		9.1	15.4	4.8	0.0	16.2	21	19
		NA	NA	8.0	0.2	23.9	6	10
		---Million 480-lb. bales---						
		6.0	10.2	4.2	0.0	16.4	22	17
		11.5	19.5	1.6	0.1	5.7	19	21
		6.0	10.2	3.2	0.2	12.4	22	17
		-----Million bushels-----						
		16.0	27.2	796	8	4,010	20	20
		19.7	33.5	83	0	228	20	19
		14.0	23.8	26	1	206	16	24
		23.8	40.4	29	1	231	8	32

1/ Marketing years 1981/82 through 2020/21 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 2019/20, and for 2020/21 the last month's estimate.

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

June 2021

Global Market Analysis, FAS, USDA