



United States
Department of
Agriculture

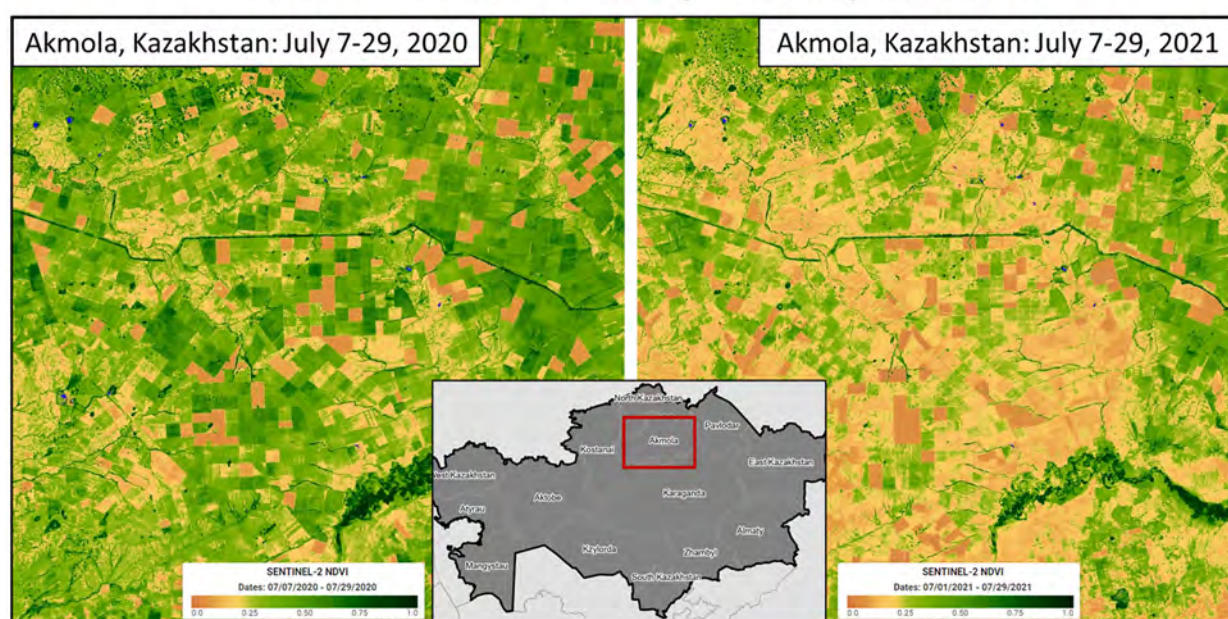
Foreign
Agricultural
Service

Circular Series
WAP 10-21
October 2021

World Agricultural Production

Kazakhstan Wheat: Intense Heat and Below-Average Rainfall During Key Growth Stages Drops Yield

Kazakhstan Heat and Dryness Impact Yield



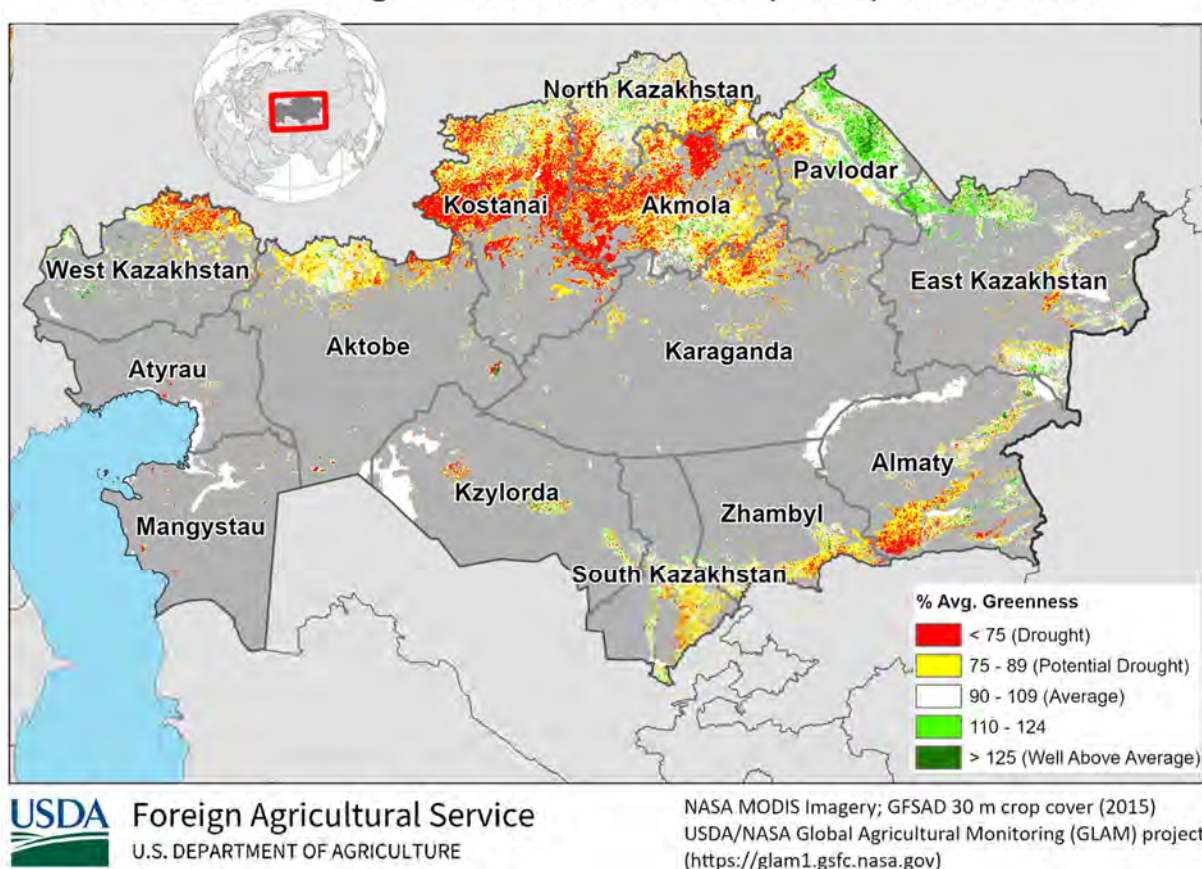
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Source: Copernicus, Sentinel-2 (10m) imagery

Kazakhstan wheat production for marketing year 2021/22 is forecast at 12.0 million metric tons (mmt), down 4 percent from last month and down 16 percent from last year. Yield is estimated at 0.94 tons per hectare, down 4 percent from last month and down 20 percent from last year. Area harvested is estimated at 12.7 million hectares, unchanged from last month and up 5 percent from last year.

Approved by the World Agricultural Outlook Board

Percent of Average Seasonal Greenness (PASG) 7/4-9/29/2021

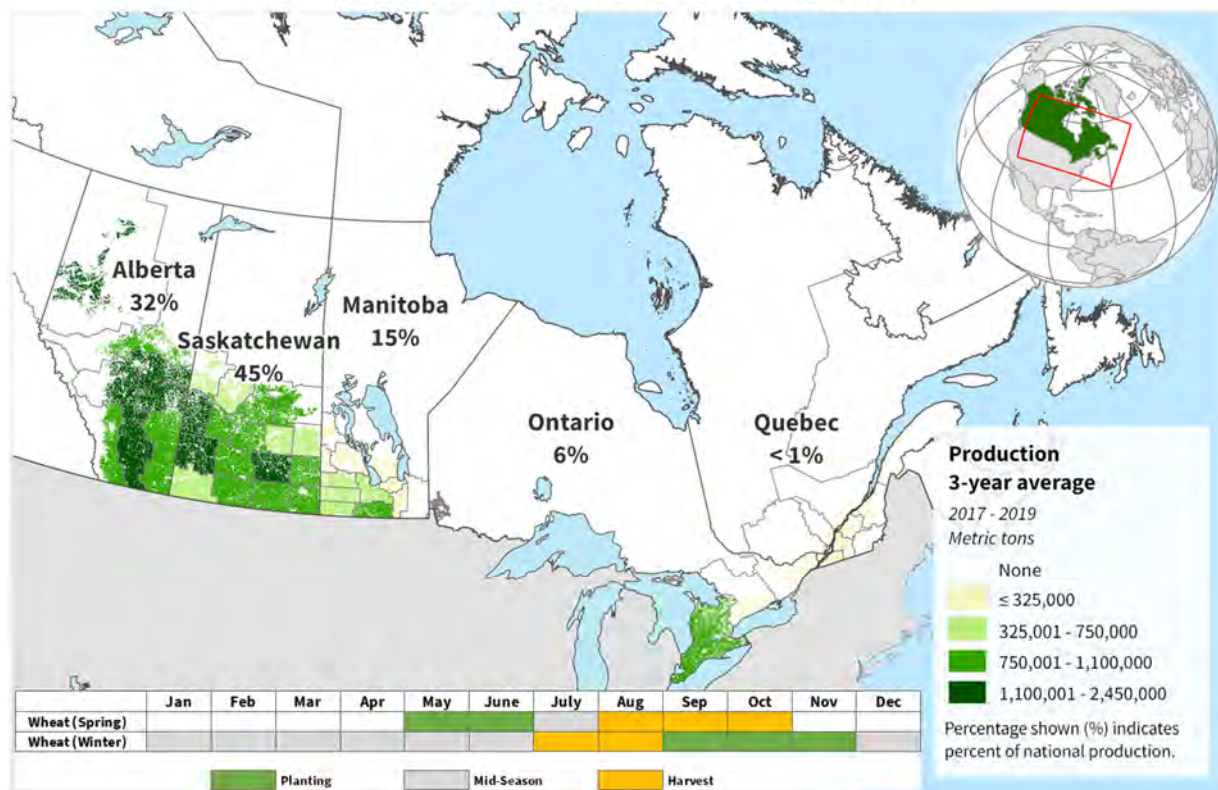


Kazakhstan wheat is grown mostly in Kostanai, North Kazakhstan, and Akmola (28, 19, and 31 percent of area, respectively, based on the latest planting report). The month-to-month decrease in yield is driven by the lower-than-average crop conditions as seen in the Percent of Average Seasonal Greenness (PASG). The 3-month PASG highlights significantly below-average conditions in Kostanai, North Kazakhstan, and Akmola, where conditions were hot and dry during key crop stages throughout June, July, and August. Additionally, harvest progress data from the Ministry of Agriculture in Kazakhstan supports lower yield. Harvest is almost complete according to the Ministry of Agriculture's report at the end of September. *(For more information, please contact Katie.McGaughey@usda.gov.)*

Canada Wheat: Production Revised Down on Expected Increase in Spring Wheat Abandonment

USDA estimates Canada wheat production for marketing year (MY) 2021/22 at 21.0 million metric tons (mmt), down 2.0 mmt (9 percent) from last month, 14.2 mmt (40 percent) from last year, and 35 percent below the 5-year average. Harvested area is estimated at 8.5 million hectares, down 700,000 hectares (8 percent) from last month, 15 percent below last year, and 11 percent below the 5-year average. Yield is estimated at 2.47 metric tons per hectare, down 1 percent from last month, 30 percent from last year, and 28 percent below the 5-year average.

Canada: Total Wheat Production

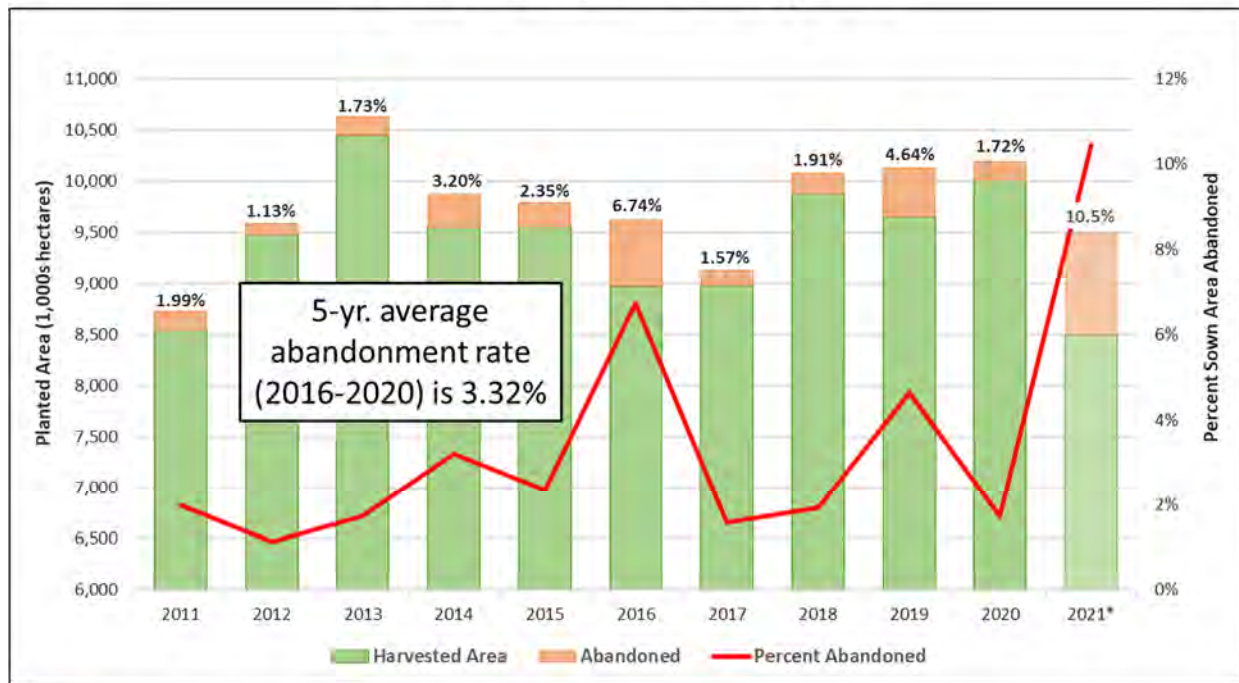


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Sources: Statistics Canada, Estimated production by Small Area Data (SAD) Region; Agriculture and Agri-Food Canada (AAFC), Annual Crop Inventory 2018

Statistics Canada (StatCan) revised its total wheat production and yield estimates downward 5 percent on updates to its integrated crop yield model. The model considers multiple data sources, including satellite imagery from Agriculture and Agri-Food Canada's (AAFC) Crop Condition Assessment Program (CCAP). This update incorporates data collected during the month of August, as the crop reaches maturity, and the harvest of spring varieties begins. Dry summer conditions in the Prairies accelerated both crop maturation and the harvest, which is nearing an early completion. Yields for spring and durum wheat are expected to be well-below average due to the historic drought affecting western Canada.

Wheat Abandonment by Year



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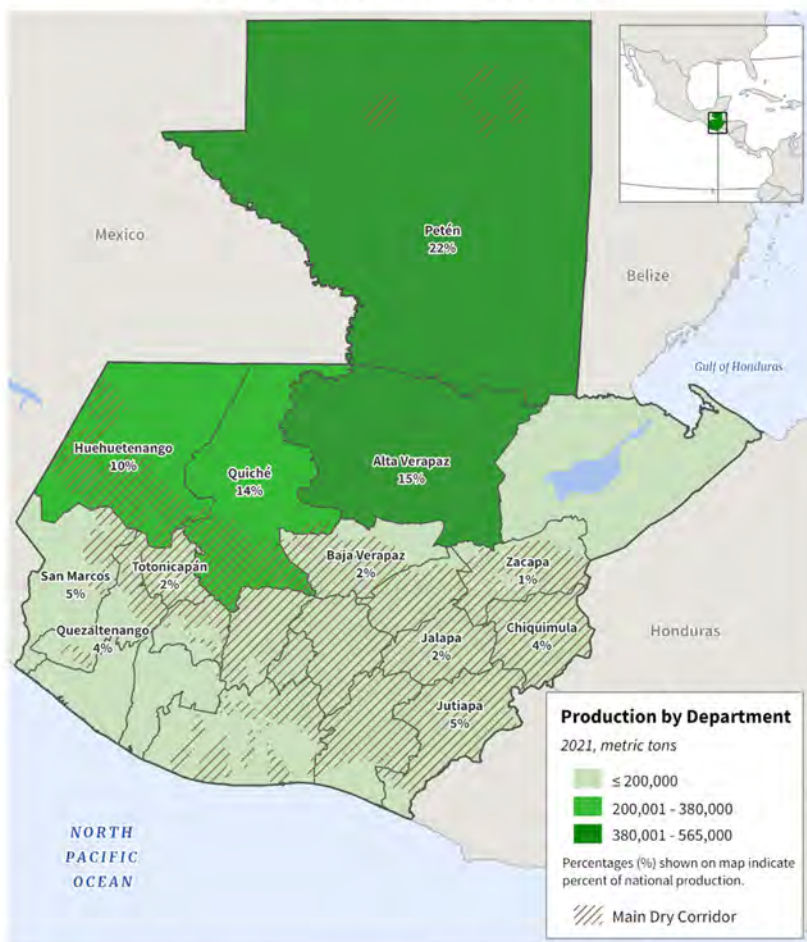
Sources: Statistics Canada; USDA estimate for MY 2021/22*

Above-average area abandonment for several crops has been widely reported by industry sources, and Canadian crop insurance agencies have incentivized salvaging poor crops for feed to offset feed shortages. Drought conditions have also been present throughout much of the western U.S., and USDA's National Agricultural Statistics Service (NASS) reported increased area abandonment for MY 2021/22 U.S. spring and durum wheat in the *Small Grains Summary*, issued September 30. Similarly, USDA has reduced harvested area estimates for Canadian wheat to below those currently held by StatCan on expectations of increased crop abandonment of spring and durum wheat, which account for roughly 92 percent of the total wheat crop. (For more information, please contact Aaron.Mulhollen@usda.gov.)

Guatemala Corn: Dry Spell and Excess Rains Reduce Production

Guatemala's corn production for marketing year (MY) 2021/22 is estimated at 1.6 million metric tons (mmt), down 0.3 mmt from last month and 45,000 metric tons (3 percent) from MY 2020/21. Area is estimated at 900,000 hectares (ha), down 50,000 ha from last month (5 percent) but up 50,000 ha (6 percent) from MY 2020/21. Yield is estimated at 1.77 metric tons per hectare, down 8 percent from MY 2020/21.

Guatemala: Corn Production



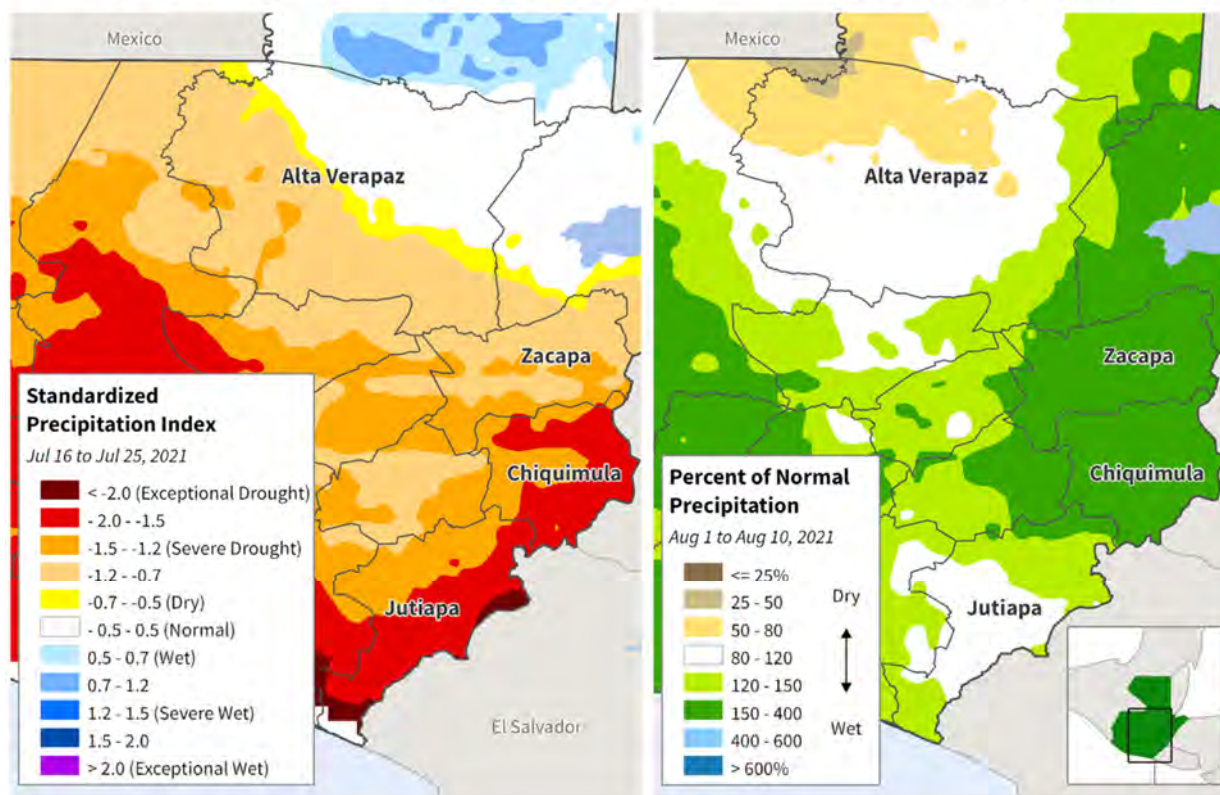
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Sources: Guatemala Ministry of Agriculture, Corn Production 2021; Center for Geophysical Research (CIGEFI), University of Costa Rica, Central American Dry Corridor (CADC)

Though corn is grown throughout the entire country, the top producing corn departments are found in northern Guatemala, which include Petén, Alta Verapaz, Quiché, and Huehuetenango.

Guatemala has three main corn growing seasons. The first-season corn is planted in May and harvested in September. The second-season corn is planted from October through December and harvested from February through April. The third-season corn is planted from January through March and harvested from September through December.

Drought and Rain Conditions Impact Corn in Eastern Guatemala

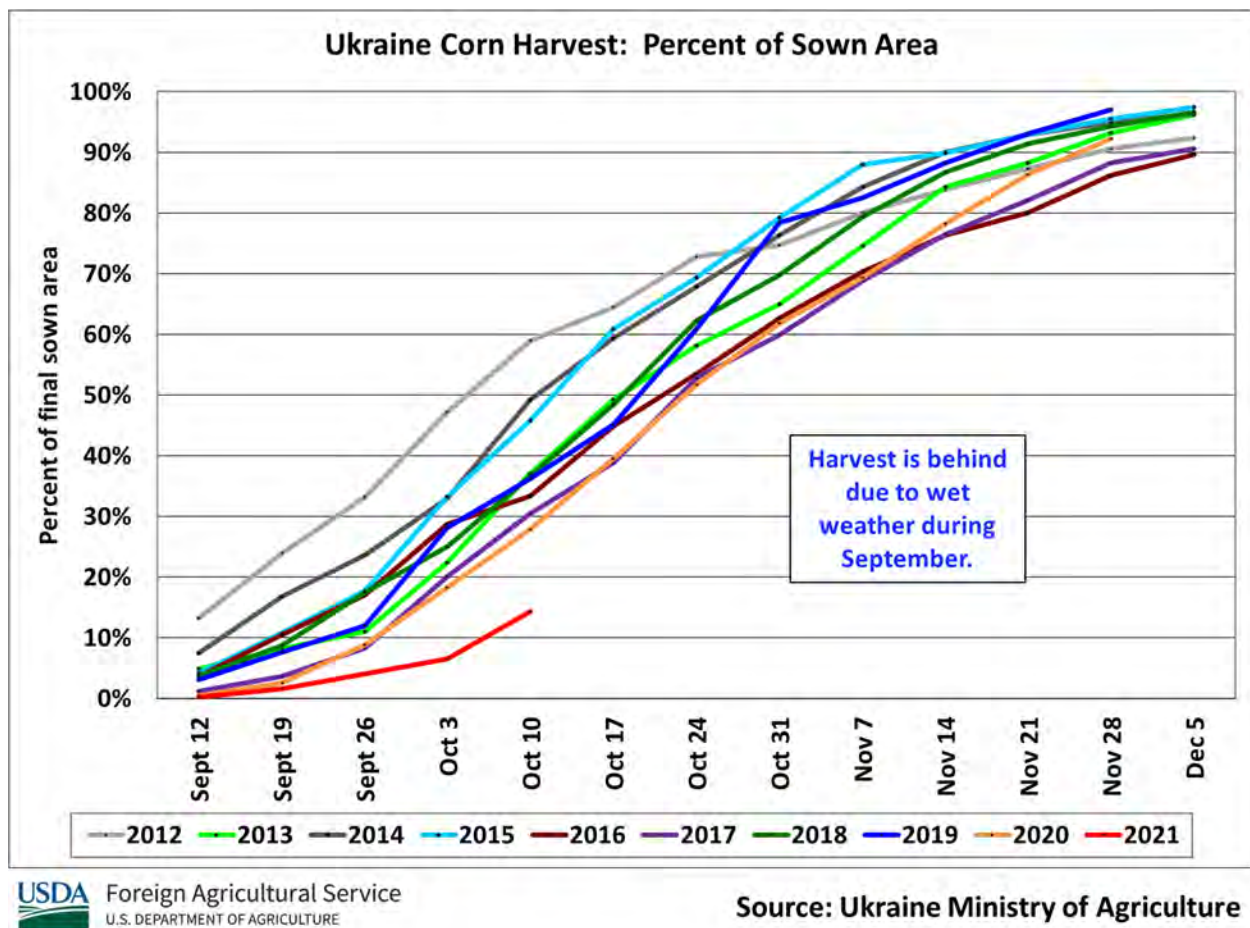


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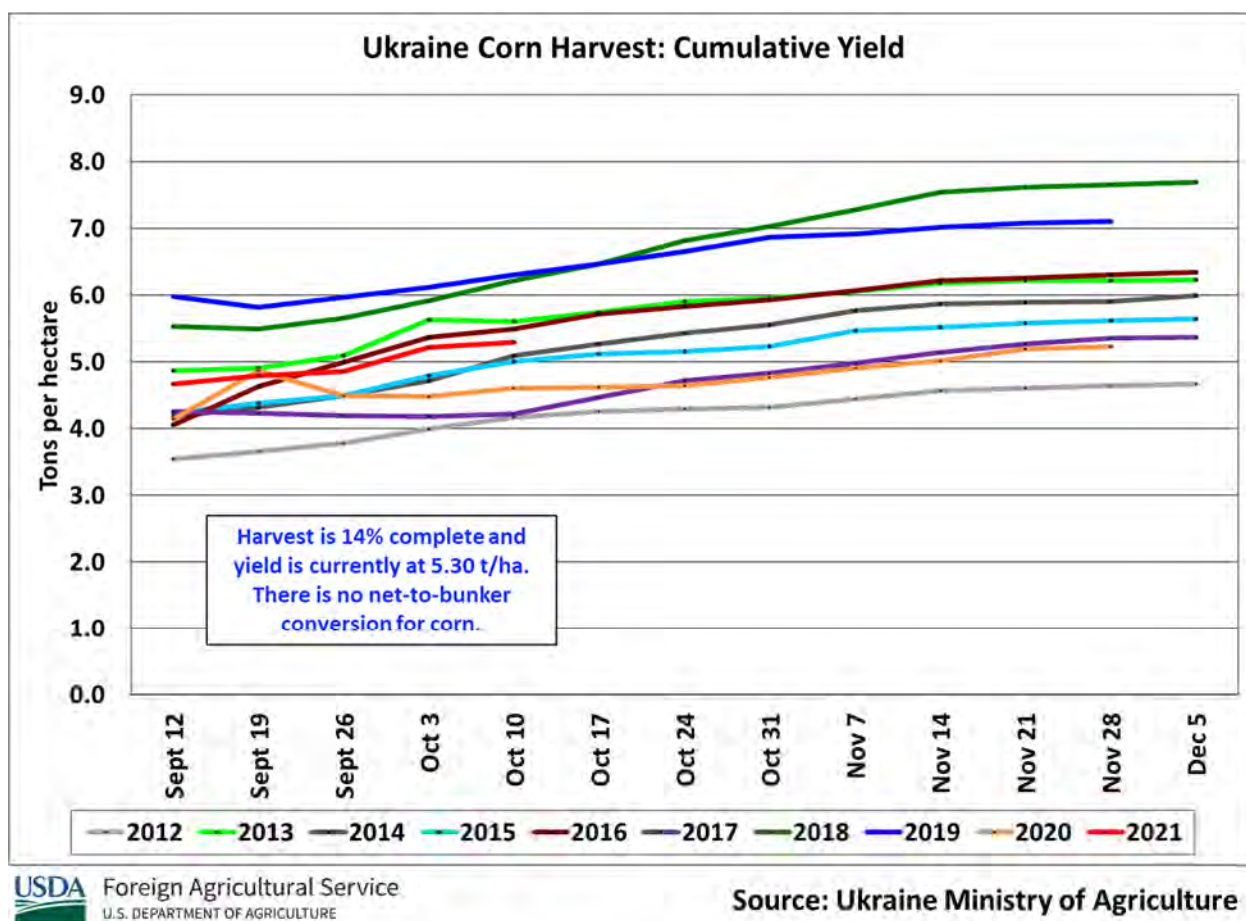
Source: UCSB CHIRPS

The *Ministerio de Agricultura, Ganadería y Alimentación* (MAGA) has reported damage to the main corn crop, especially in many eastern departments such as Zacapa, Jutiapa, Chiquimula, and Alta Verapaz. Drought conditions and high temperatures that occurred during July damaged the corn grown by many smallholder farmers in the eastern part of the Dry Corridor in Guatemala. In addition, heavy rains that fell at the beginning of August also negatively impacted corn in eastern Guatemala. (For more information, please contact Ifeoma.Collins@usda.gov.)

Ukraine Corn: Early Harvest Results Indicate Lower Yield



Ukraine corn production for marketing year 2021/22 is estimated at 38.0 million metric tons, down 3 percent from last month but up 25 percent from last year. Yield is estimated at 7.01 tons per hectare (t/ha), down 3 percent from last month but up 25 percent from last year. Harvested area is estimated at 5.4 million hectares, unchanged from last month but up less than 1 percent from last year.



Yield is down month-to-month based on early harvest progress data from the Ukraine Ministry of Agriculture. As of October 7th, harvest is 14 percent complete, and yield is currently at 5.30 t/ha. Harvest is delayed this year due to wetter-than-normal weather throughout September. Normally harvest progress is around a third complete by early October. Yields typically increase throughout harvest because the harvest begins in the lower-yielding southern regions and moves north into the higher-yielding regions. Unlike other crop data published in Ukraine, there is no net-to-bunker conversion for corn. USDA crop production estimates for Ukraine include estimated output from Crimea. (For more information, please contact Katie.McGaughey@usda.gov.)

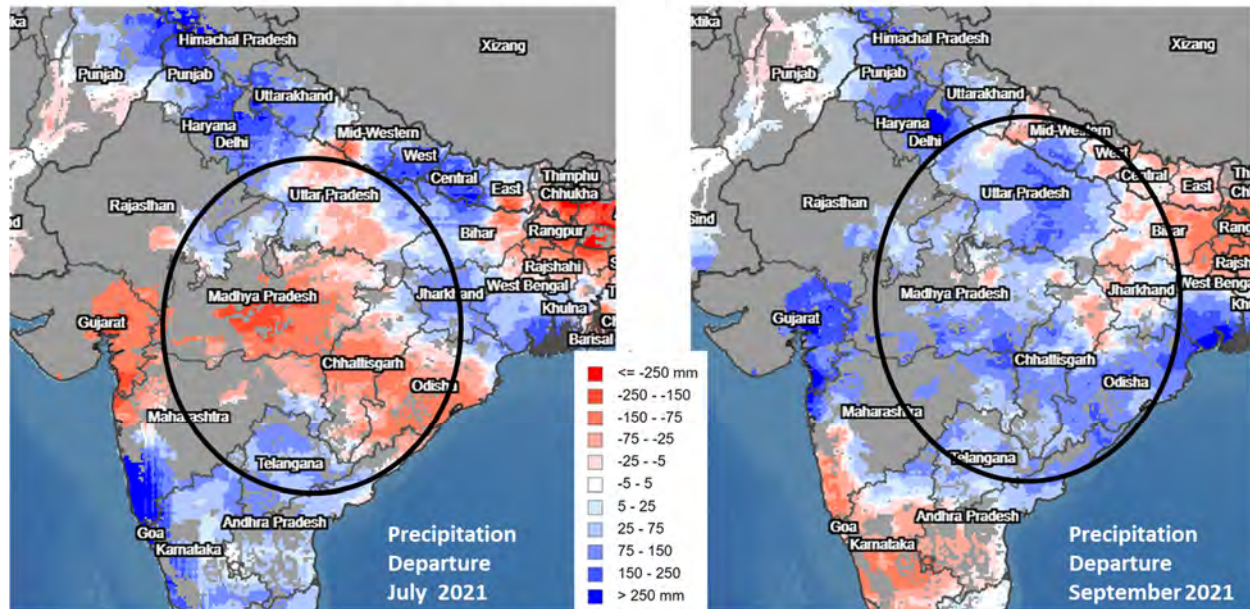
India Rice: Increased Harvested Area Boosts Production to Record Level

USDA estimates India rice production for marketing year 2021/22 at a record 125.0 million metric tons (milled basis), up 2 percent from last month and last year because of higher planted area and record yields. Harvested area is estimated at 45.5 million hectares, up 1 percent from last month and last year. This slight increase in area is due to favorable minimum support prices. Yield is estimated at a record 4.12 tons per hectare, up 1 percent from last year.

Rice is a water-intensive crop. A poor start to the 2021 southwest monsoon, along with high temperatures, delayed *kharif* planting by a month. However, rice planting progress improved, and by early September progress was slightly above last year and 2 percent above the 5-year average. The northern irrigated planting area, which comprises about 50 percent of *kharif* production, was

only slightly affected by the below-average monsoon. Heavy rains in September have narrowed the rainfall deficit in India and will likely encourage farmers to increase planting in the south.

Dry Conditions Across the Rice Belt at Planting Significant Rainfall Improvements in September



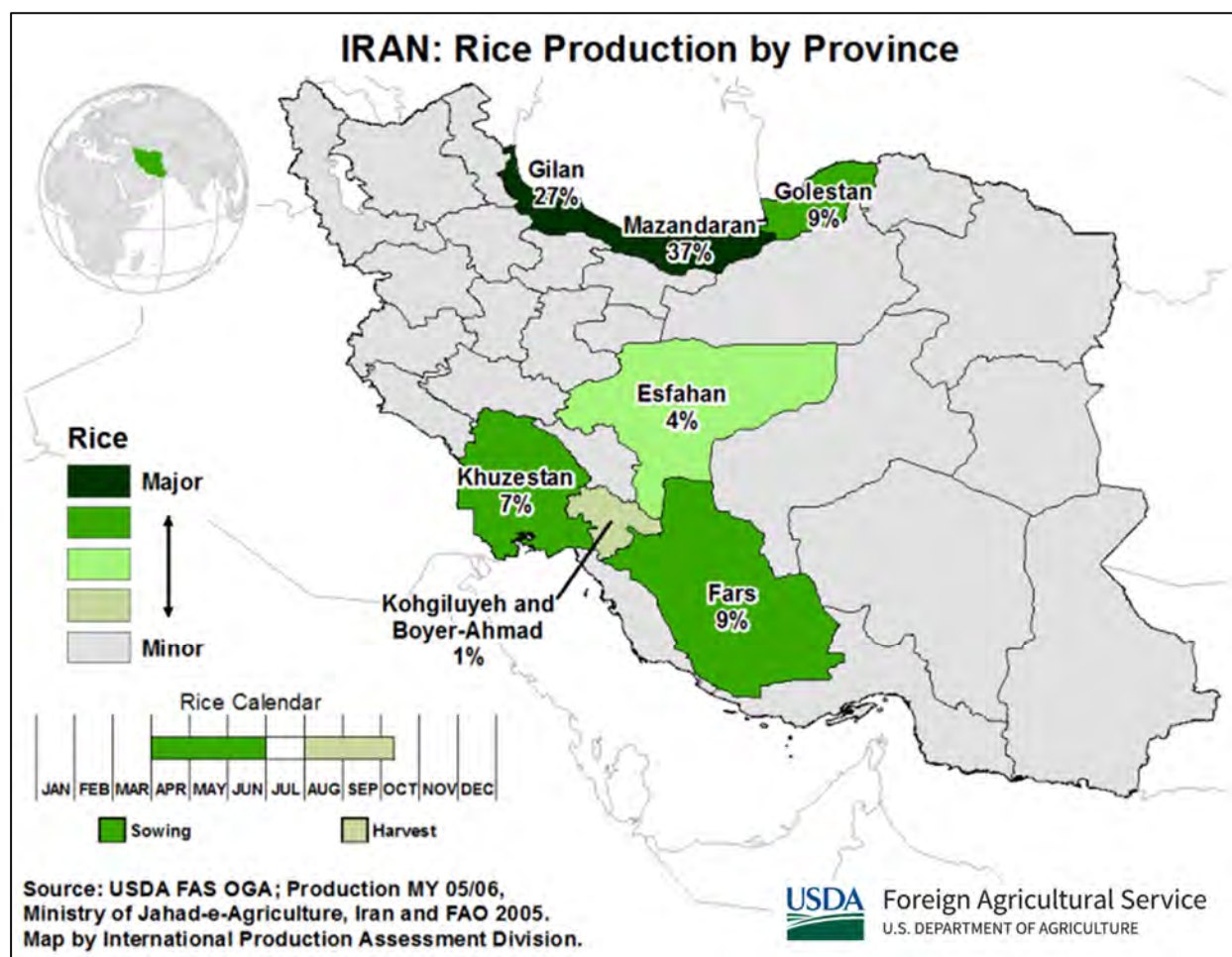
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Sources: UC Santa Barbara, CHIRPS;
IFPRI, SPAM Rice Mask

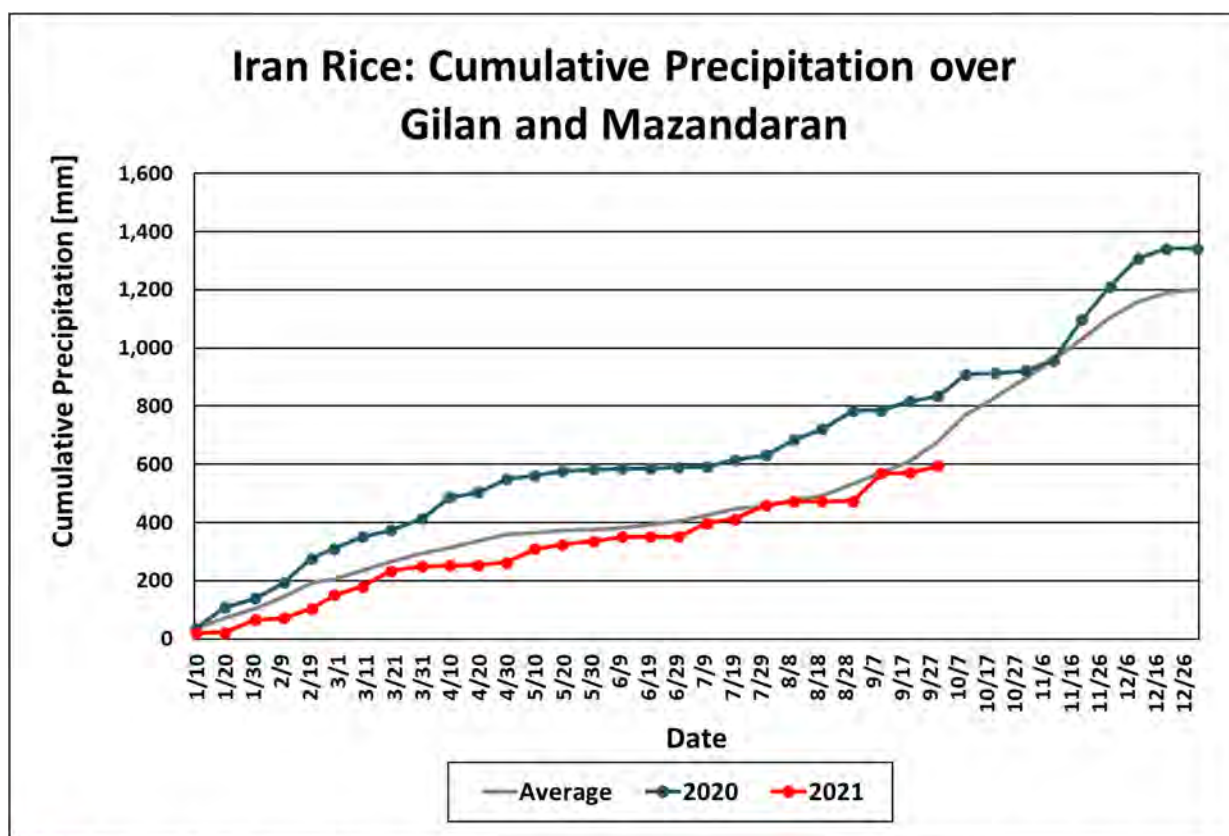
Rice yields are expected to reach record levels. The satellite-derived Normalized Difference Vegetation Index (NDVI) analysis indicated strong crop vigor across the significant rice-producing areas with the improved rainfall in September. These record yields can also be attributed to new and improved varieties and improved agronomic practices.

Planting of *kharif* rice, which is approximately 90 percent of total rice production, ended in mid-September. Some early planted rice is being harvested. For the other 10 percent of total production, *rabi* planting will begin in November and will be harvested in mid-March. (For more information, please contact Arnella.Trent@usda.gov.)

Iran Rice: Production Estimated to Decline Due to Dryness



Iran rice production for marketing year (MY) 2021/22 is estimated at 1.9 million metric tons (mmt), milled basis, 2.9 mmt rough. Milled production is estimated down 5 percent from last year and last month. Yield is estimated at 5.14 metric tons per hectare, down 2 percent from last year and last month. Harvested area is estimated at 560,000 hectares, down 3 percent from last year.



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Source: WMO station data

Rice is grown in three major provinces located along the Caspian Sea: Gilan, Mazandaran, and Golestan. These three areas contribute about 80 percent of the total rice produced in Iran. Rice is planted between April and June and harvested between August and early-October. It is a water-intensive crop; thus, vegetation growth heavily depends on availability of and access to irrigation water. MY 2021/22 production is estimated to decline due to this year's unfavorable weather. Below-normal precipitation and dryness over the major rice producing regions caused a water shortage which negatively impacted crop growth and yield. (*For more information, please contact Iliana.Mladenova@usda.gov.*)

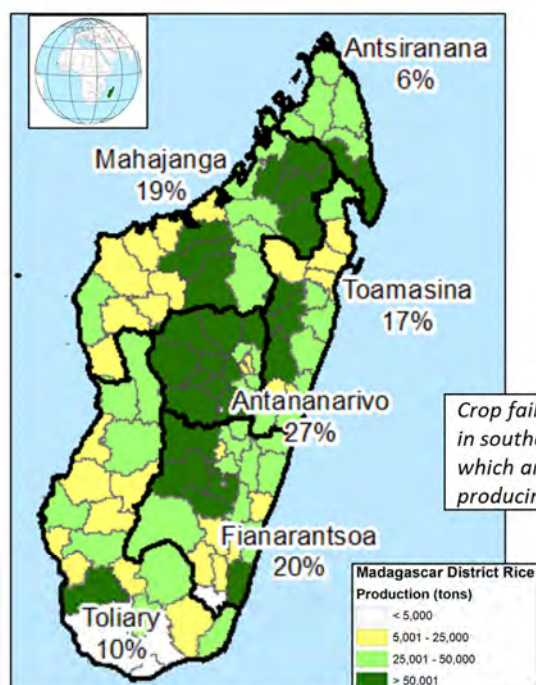
Madagascar Rice: Average Production Despite Extreme Drought in the South

Madagascar's marketing year 2021/22 milled rice production is estimated at 2.6 million metric tons, down 5 percent from last year but slightly above the 5-year average output. Harvested area is estimated at 1.4 million hectares, unchanged from last month and last year. Yield is estimated at 2.86 metric tons per hectare, down 5 percent from last year but 2 percent above the 5-year average. The national output is estimated slightly above average due to the northern half of the country receiving average to above-average seasonal rainfall, while the southern half of the country experienced delayed rains and an extreme drought during planting.

Rice in Madagascar is planted during November and December and harvested from April through June. Rains from November through January were well-below average in the southern half of the country which delayed planting and reduced final yields. Seasonal rainfall was average to above

average in the main rice producing regions located in the northern half of the country. The beneficial rains in the north helped to boost rainfed yields and fill dams with water for the irrigated crop. Approximately 80 percent of Madagascar's rice area is irrigated. Crop conditions in April were average in the north and below average in the south, as indicated by satellite-derived Percent of Average Seasonal Greenness (PASG) measurements and confirmed by harvest reports.

Madagascar Rice Production



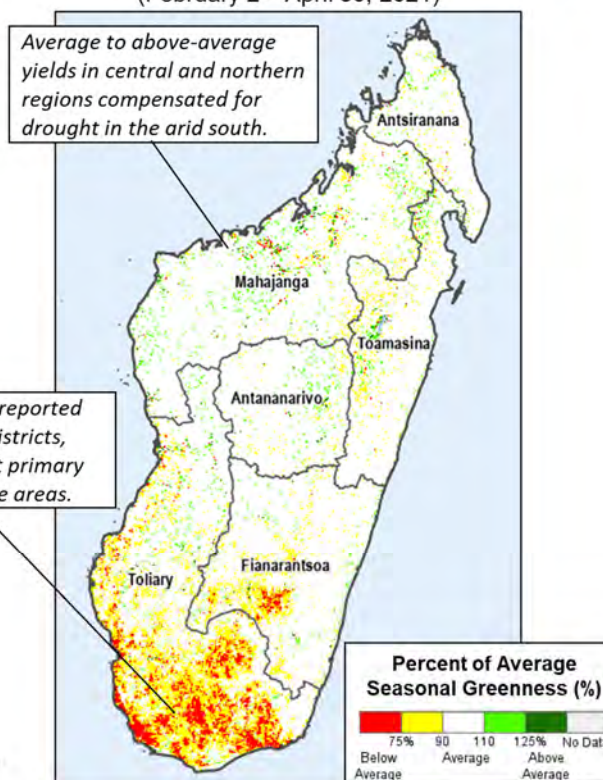
Percent values indicate percent of total average production from 2011-2015.

Source: Average district rice production data (2011-2015) from Madagascar's Ministry of Agriculture, Livestock and Fisheries.

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Percent of Average Seasonal Greenness

(February 2 – April 30, 2021)



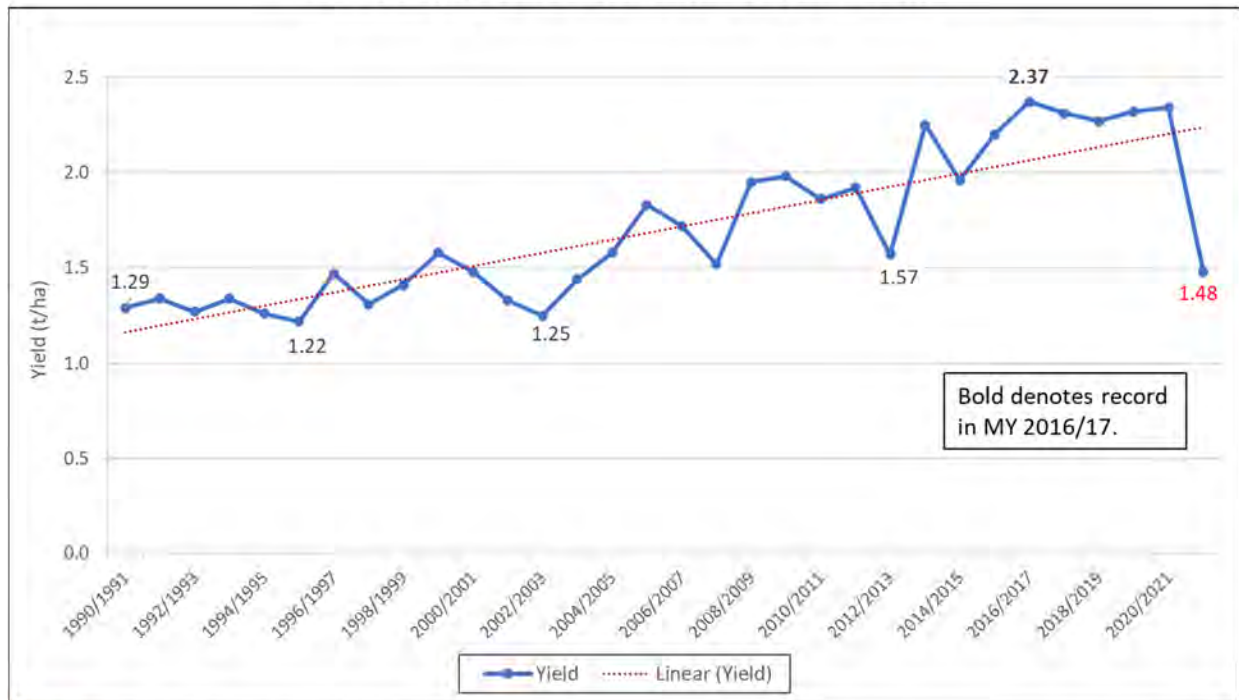
Source: USDA/NASA Global Agricultural Monitoring (GLAM) system

Madagascar is the third largest rice producer in Africa, behind Nigeria and Egypt. Rice is planted in almost all administrative zones in Madagascar and rice is the main subsistence crop grown. Madagascar's government has set a goal to increase rice production by improving the supply of inputs, introducing better crop management practices and varieties, increasing technical extension support, and rehabilitating irrigation infrastructure. (For more information, please contact Curt.Reynolds@usda.gov.)

Canada Rapeseed: Production and Yield Revised Downward

USDA estimates Canada rapeseed production for marketing year (MY) 2021/22 at 13.0 million metric tons (mmt), down 1.0 mmt (7 percent) from last month, 6.5 mmt (33 percent) from last year, and 36 percent below the 5-year average. Harvested area is estimated at 8.8 million hectares, unchanged from last month, 6 percent above last year, and 1 percent above the 5-year average. Yield is estimated at 1.48 metric tons per hectare, down 7 percent from last month, 37 percent from last year, and 36 percent below the 5-year average.

Canada Rapeseed Yield and 30-year Trend

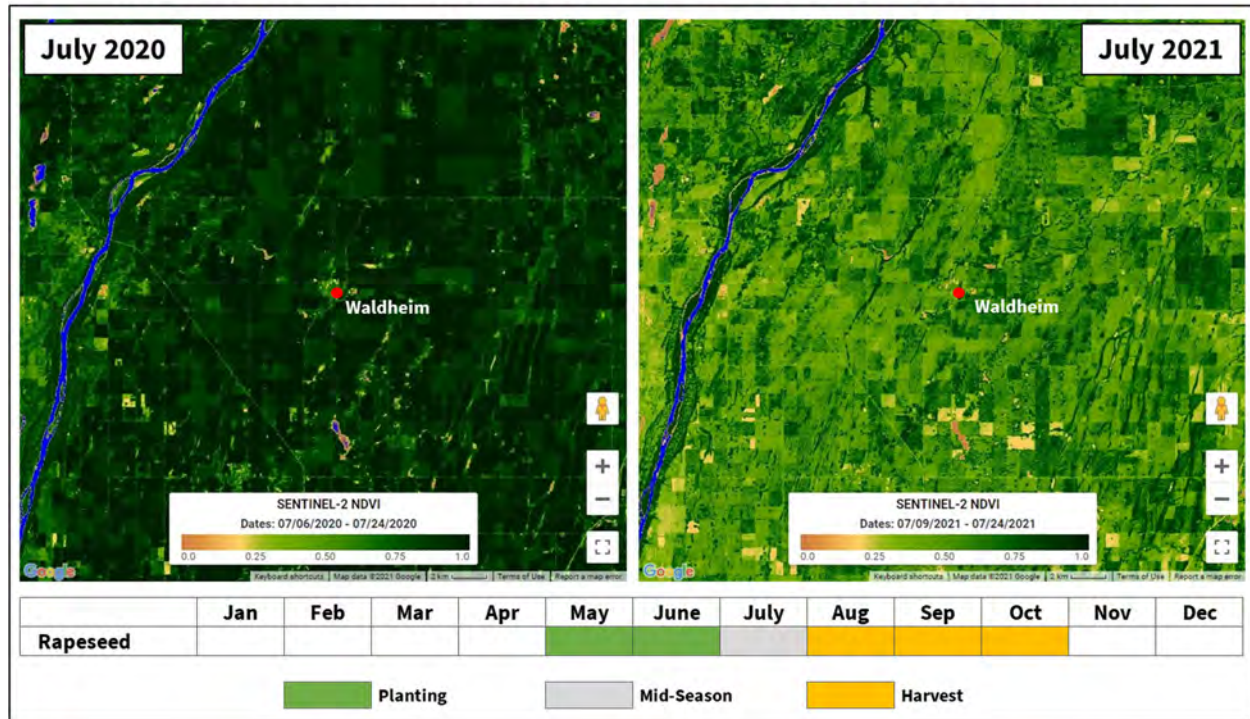


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Source: USDA PSD Online

Statistics Canada (StatCan) lowered its yield and production estimates for rapeseed by 13 percent, following the recent update to its integrated crop yield model, which incorporated new information from the month of August. A key component of their model is Normalized Difference Vegetation Index (NDVI) values, derived from satellite imagery collected during the months of July and August. The Sentinel-2 images below employ NDVI to show contrasting crop conditions during the critical reproductive stages in rapeseed fields near Waldheim, Saskatchewan. The darker greens in the image on the left (July 2020) indicate relatively higher NDVI values recorded last year, resulting from more visible light absorption, a property of healthier green vegetation. Conversely, the lighter greens and yellows in the image on the right (July 2021) result from lower NDVI values than last year from green vegetation reflecting more visible light as it struggles under the drought conditions of 2021.

Rapeseed Crop Conditions in mid-July near Waldheim, Saskatchewan



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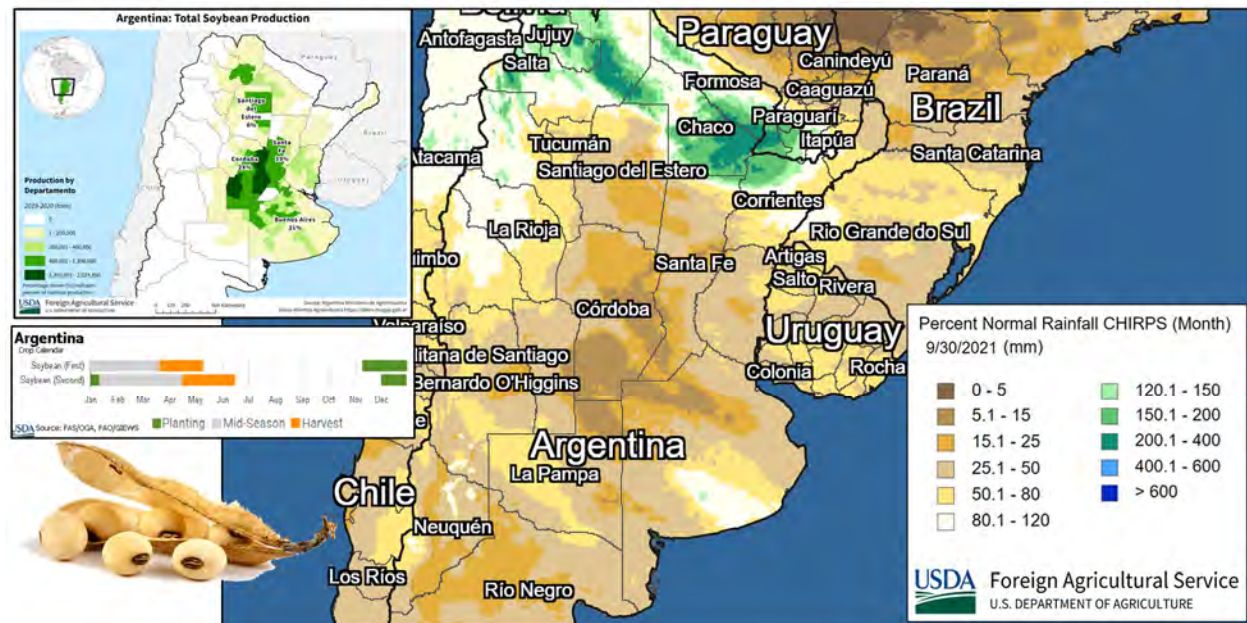
Source: Copernicus, Sentinel-2 NDVI,
10-meter resolution imagery

Drought conditions have been particularly hard on the rapeseed crop this year, which is primarily grown in the Prairies. The dry conditions did, however, result in rapid harvest progress, which is nearing completion. Initial provincial yield estimates compare favorably with StatCan's model, indicating severe reductions to the rapeseed crop for MY 2021/22. *(For more information, please contact Aaron.Mulhollen@usda.gov.)*

Argentina Soybeans: Planting Season Begins for MY 2021/22

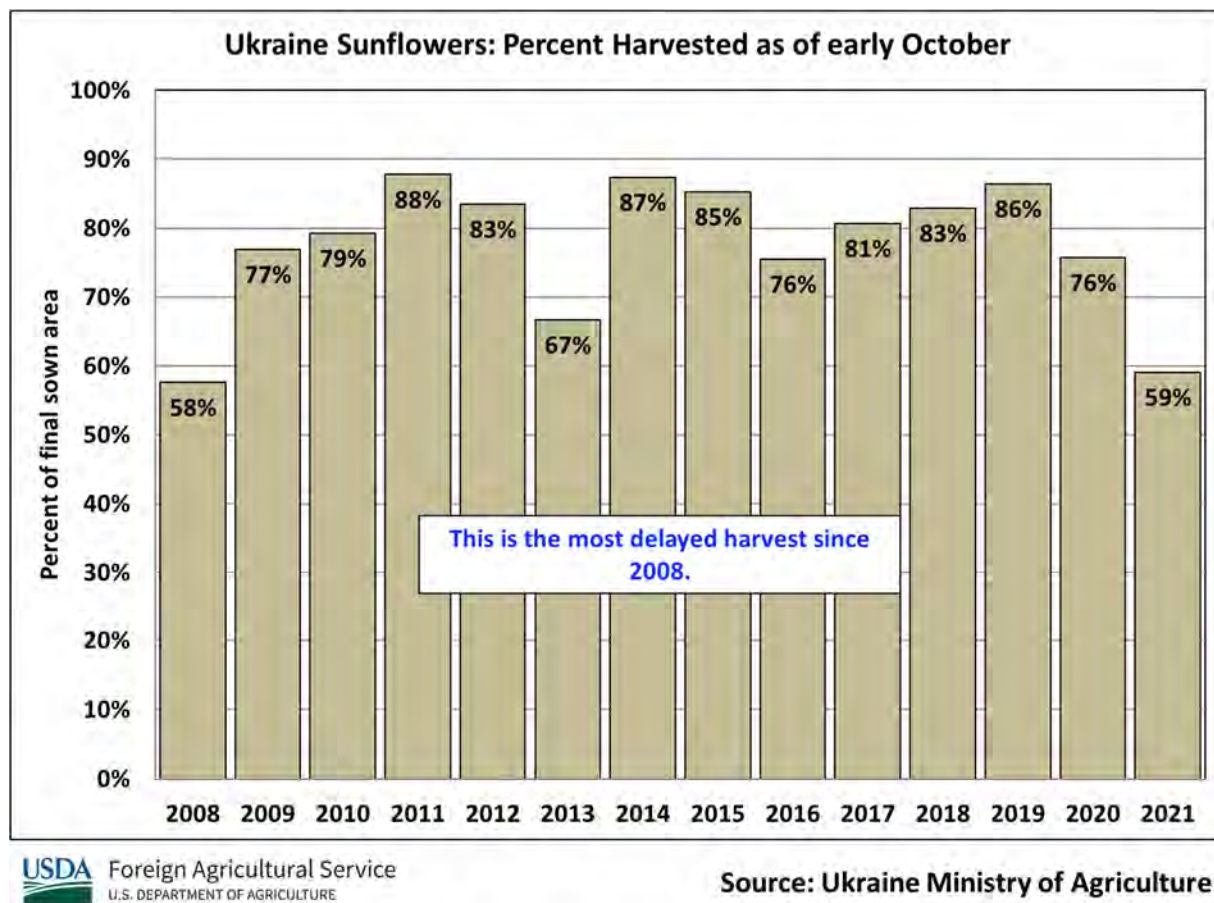
USDA forecasts Argentina soybean production for marketing year (MY) 2021/22 at 51.0 million metric tons, down 2 percent from last month, but up 10 percent from last year. Area is estimated at 16.9 million hectares, down 2 percent from last month, but up 3 percent from last year. Yield is estimated at 3.02 tons per hectare, similar to last month, but up 8 percent from last year.

Argentina: Percent Normal Rainfall

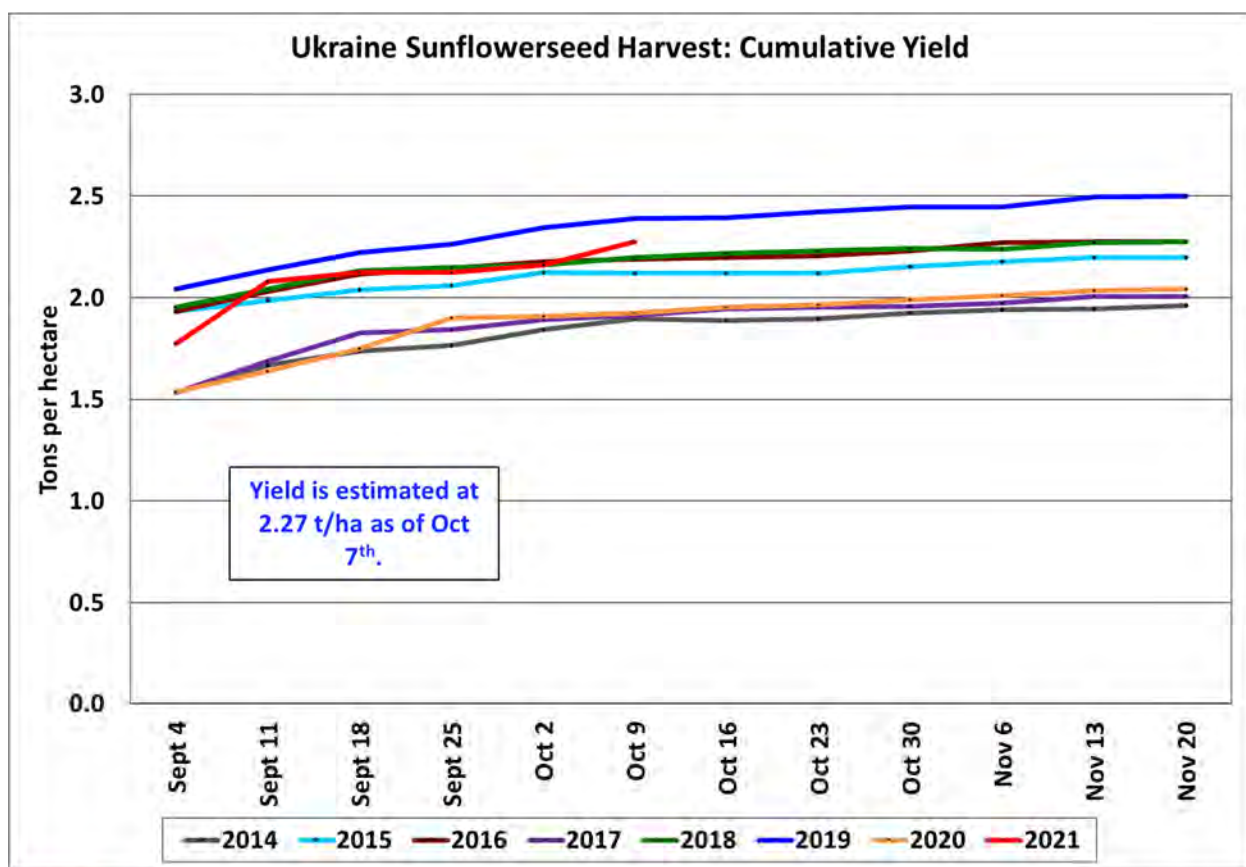


Planting has just begun but on a limited scale as later plantings are expected this season due to current, low moisture conditions. Soybean harvested area is expected to be below MY 2016/17 levels for a fifth straight season with farmers favoring corn. Although seeded and produced at a lower cost of production, soybeans do not have the profit margin that corn currently has due to pricing and because Argentina export taxes on soybeans reduces the profit margin. Raw soybeans are taxed at 33 percent while soy oil and soy meal are taxed at 31 percent. *(For more information, please contact Denise.McWilliams@usda.gov.)*

Ukraine Sunflowerseed: Yield Drops Based on Early Harvest Results



Ukraine sunflowerseed production for marketing year 2021/22 is estimated at 17.0 million metric tons, down 3 percent from last month but up 21 percent from last year. Yield is estimated at 2.43 tons per hectare, down 3 percent from last month but up 21 percent from last year. Harvested area is estimated at 7.0 million hectares, unchanged from last month and matching last year's area.



Yield is down month-to-month based on early harvest data. As of early October, harvest was only about 60 percent complete. This year's harvest progress is behind the 5-year average of about 80 percent complete as of early October. Harvest was delayed due to a wetter-than-average September. Early harvest results are indicating lower yield, even at this earlier-than-normal stage of progress, because the country level yield only rises moderately throughout the harvest season as harvest progresses from the lower yielding southern regions to the higher yielding northern ones. USDA crop production estimates for Ukraine include estimated output from Crimea. (For more information, please contact Katie.McGaughey@usda.gov.)

India Cotton: Harvested Area Down due to Late Arrival of the 2021 Southwest Monsoon

USDA estimates marketing year (MY) 2021/22 cotton production at 28.0 million 480-pound bales, down nearly 2 percent from last month and unchanged from last year. Harvested area is estimated at 12.4 million hectares, down 2 percent from last month and down nearly 5 percent from last year. The area decrease is due to the late arrival of the 2021 southwest monsoon and competition with other crops such as soybeans and pulses. Yields are estimated to reach 492 kilograms per hectare, up slightly from last month and up 5 percent from MY 2020/21.

Cotton in Gujarat During Crop Travel Shows Good Crop Vigor at Flowering



Source: Courtesy of FAS-Mumbai India

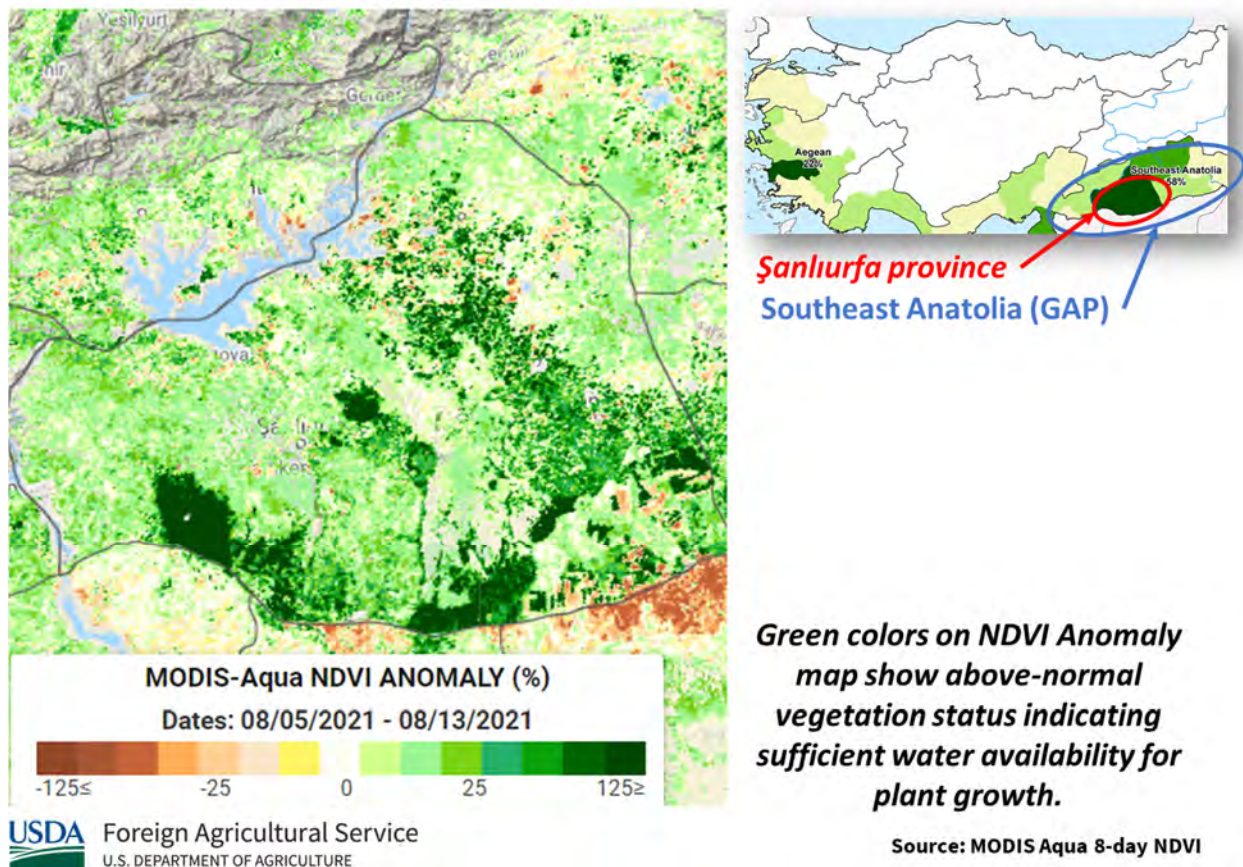
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Satellite-derived MODIS Normalized Difference Vegetation Index anomaly analysis showed crops above the long-term average, likely the result of improved September rainfall in major producing areas of Gujarat and parts of Maharashtra. FAS-Mumbai representatives on crop travel in Gujarat also observed above-average crop conditions. So far, there are no reports of major pests or disease incidences. However, farmers are monitoring for white fly in the northern areas of Punjab and pink bollworms in central India, which could impact yields.

The harvest of early planted cotton in northern India has begun. Cotton harvesting can continue into February. Cotton is grown only in the *kharif* season from May to October. (*For more information, please contact Arnella.Trent@usda.gov.*)

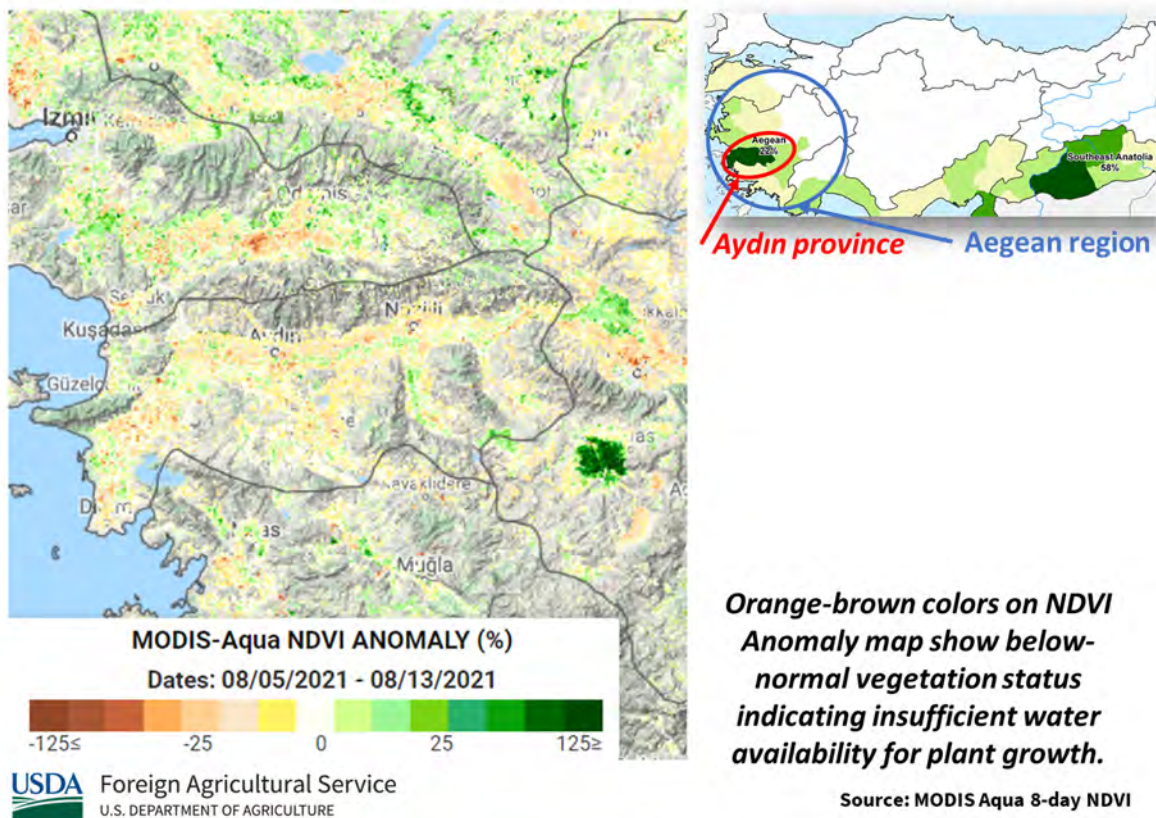
Turkey Cotton: Increase in Area but Lower Yield Due to Short-Term Dryness

MODIS 8-day NDVI anomalies depict above average growing conditions during the 2021 season over the Şanlıurfa province, which is the heart of the GAP region



USDA estimates Turkey cotton production for marketing year (MY) 2021/22 at 3.6 million 480-pound bales, up 6 percent from last month and 24 percent from last year. Area is estimated at 450,000 hectares (ha), unchanged relative to last month, but up 29 percent from last year. However, yield is estimated at 1,742 kilograms per hectare (kg/ha), down 3 percent from last year's near-record yield of 1,804 kg/ha.

MODIS 8-day NDVI anomalies depict above average growing conditions during the 2021 season over the Aydın province, which is the major cotton producing area in the Aegean region



Cotton is grown in three major regions: the Mediterranean region, the Aegean region, and Southeast Anatolia, also known as the GAP region; the latter two areas contribute about 80 percent of the total cotton produced in Turkey. MY 2021/22 harvested area rebounded back to 450,000 ha from 350,000 ha the previous year when area was reduced due to the government-imposed crop rotation rule. Farmers who planted alternative crops in MY 2020/21 as a result of the rotation rule, were allowed to cultivate cotton again this season. USDA's Agricultural Affairs Office in Turkey reported that the water of the Euphrates River managed by the GAP project irrigation systems provided sufficient water for irrigation to Urfa (i.e., Şanlıurfa province) and the surrounding area. The short-term dryness, however, had a negative impact on cotton production in the Aegean region. This is corroborated by the satellite-derived Normalized Difference Vegetation Index (NDVI) anomaly analyses, which show above-average vegetation status over the GAP region, but poor vegetation health over the Aegean region. The better-than-expected yield in the GAP should be able to offset the lower-than-expected production from the Aegean area. (For more information, please contact Iliana.Mladenova@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), October 12, 2021.

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

The FAS International Production Assessment Division prepared this report. The next issue of World Agricultural Production will be released after 12:00 p.m. Eastern Time, November 9, 2021.

Conversion Table

Metric tons to bushels

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

Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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Metric tons to hundredweight

Rice	=	MT * 22.04622
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Area & weight

1 hectare	=	2.471044 acres
1 kilogram	=	2.204622 pounds



For further information, contact:
U.S. Department of Agriculture
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.	202-235-7562	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/cropexplorer/>) displays rainfall, temperature, evapotranspiration, soil moisture, snow cover, and vegetation conditions in charts and maps.

USDA and NASA Global Agricultural Monitoring (GLAM)

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

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

Global Agricultural and Disaster Assessment System (GADAS)

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

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

Export Sales Reporting

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

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

Global Agricultural Trade System (GATS)

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

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

Other USDA Reports:

World Agricultural Supply and Demand Estimates (WASDE):

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

Economic Research Service:

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

National Agricultural Statistics Service:

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

Table 01 World Crop Production Summary

Million Metric Tons

Commodity	World	Total Foreign	North America			Former Soviet		European	Asia (WAP)					South America		Selected Other			All Others
	-		United States	Canada	Mexico	Russia	Ukraine		China	India	Indonesia	Pakistan	Thailand	Argentina	Brazil	Australia	South Africa	Turkey	
	---Million metric tons---																		
Wheat																			
2019/20	762.3	709.7	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	251.1
2020/21 prel.	774.7	725.0	49.8	35.2	3.0	85.4	25.4	nr	134.3	107.9	0.0	24.9	0.0	17.6	6.3	33.0	2.1	18.3	231.7
2021/22 proj.																			
Sep	780.3	734.1	46.2	23.0	3.1	72.5	33.0	nr	136.9	109.5	0.0	27.0	0.0	20.0	7.7	31.5	2.1	16.5	251.3
Oct	775.9	731.1	44.8	21.0	3.2	72.5	33.0	nr	136.9	109.5	0.0	27.0	0.0	20.0	7.9	31.5	2.1	16.5	250.0
Coarse Grains																			
2019/20	1,415.2	1,055.8	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	11.9	16.4	14.5	361.3
2020/21 prel.	1,426.4	1,053.5	372.9	29.6	32.7	41.4	39.6	nr	268.0	51.2	11.8	8.3	5.7	58.5	90.0	16.4	17.8	15.8	366.8
2021/22 proj.																			
Sep	1,496.9	1,101.2	395.7	24.9	33.8	39.9	50.8	nr	280.4	49.1	12.0	8.1	5.4	62.8	122.0	15.7	17.6	11.9	366.9
Oct	1,494.0	1,097.1	396.9	24.0	33.8	38.7	49.8	nr	280.4	47.6	12.0	8.1	5.4	62.4	122.0	15.7	17.6	11.9	367.8
Rice, Milled																			
2019/20	498.3	492.4	5.9	0.0	0.2	0.7	0.0	nr	146.7	118.9	34.7	7.4	17.7	0.8	7.6	0.0	0.0	0.6	157.1
2020/21 prel.	506.4	499.2	7.2	0.0	0.2	0.7	0.0	nr	148.3	122.3	35.3	8.2	18.9	0.8	8.0	0.3	0.0	0.6	155.5
2021/22 proj.																			
Sep	507.9	501.9	6.0	0.0	0.2	0.7	0.0	nr	149.0	122.0	35.4	8.2	19.5	0.8	8.0	0.6	0.0	0.6	156.9
Oct	510.7	504.6	6.1	0.0	0.2	0.7	0.0	nr	149.0	125.0	35.4	8.2	19.5	0.8	8.0	0.6	0.0	0.6	156.6
Total Grains																			
2019/20	2,675.9	2,258.0	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	769.4
2020/21 prel.	2,707.6	2,277.7	429.9	64.8	35.8	127.5	65.0	nr	550.6	281.3	47.1	41.5	24.5	77.0	104.2	49.8	19.9	34.6	754.1
2021/22 proj.																			
Sep	2,785.1	2,337.2	447.9	47.9	37.1	113.1	83.9	nr	566.3	280.6	47.4	43.3	24.9	83.6	137.7	47.8	19.7	29.0	775.0
Oct	2,780.5	2,332.8	447.7	45.0	37.2	111.9	82.9	nr	566.3	282.1	47.4	43.3	24.9	83.2	137.9	47.8	19.7	29.0	774.4
Oilseeds																			
2019/20	580.7	473.7	107.0	25.8	0.9	21.7	24.5	nr	62.2	36.4	14.4	3.4	0.9	53.6	133.9	2.5	2.2	3.3	88.0
2020/21 prel.	602.3	477.7	124.6	25.9	0.8	20.1	19.9	nr	65.3	38.5	14.6	2.7	1.0	51.2	141.4	4.9	2.8	2.9	85.8
2021/22 proj.																			
Sep	629.2	499.8	129.3	20.0	0.8	22.9	23.8	nr	64.6	39.6	14.8	2.9	1.0	57.2	149.0	6.3	2.7	3.3	91.1
Oct	628.2	497.4	130.8	19.0	0.8	22.4	23.5	nr	64.6	39.2	14.8	3.5	1.0	56.1	149.0	6.3	2.7	3.3	91.2
Cotton																			
2019/20	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
2020/21 prel.	112.2	97.6	14.6	0.0	1.0	0.0	0.0	1.7	29.5	28.0	0.0	4.5	0.0	1.4	10.8	2.8	0.1	2.9	14.9
2021/22 proj.																			
Sep	119.6	101.1	18.5	0.0	1.1	0.0	0.0	1.7	26.8	28.5	0.0	5.0	0.0	1.5	12.5	4.7	0.1	3.4	16.0
Oct	120.3	102.3	18.0	0.0	1.1	0.0	0.0	1.7	26.8	28.0	0.0	6.5	0.0	1.5	12.5	4.7	0.1	3.6	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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	215.64	221.18	224.93	223.60	3.54	3.50	3.47	3.47	762.33	774.74	780.28	775.87	-4.41	-0.57	1.13	0.15
United States	15.13	14.89	15.42	15.04	3.47	3.34	2.99	2.98	52.58	49.75	46.18	44.79	-1.39	-3.01	-4.96	-9.97
Total Foreign	200.51	206.29	209.51	208.56	3.54	3.51	3.50	3.51	709.75	724.99	734.10	731.08	-3.02	-0.41	6.09	0.84
European Union	24.36	23.08	23.93	23.98	5.69	5.46	5.81	5.81	138.74	126.00	139.00	139.40	0.40	0.29	13.41	10.64
United Kingdom	1.80	1.39	1.75	1.75	8.69	6.96	8.57	8.57	15.60	9.66	15.00	15.00	0.00	0.00	5.34	55.31
Serbia	0.57	0.59	0.60	0.60	4.56	4.58	5.33	5.50	2.60	2.70	3.20	3.30	0.10	3.13	0.60	22.22
China	23.73	23.38	23.80	23.80	5.63	5.74	5.75	5.75	133.60	134.25	136.90	136.90	0.00	0.00	2.65	1.97
South Asia																
India	29.32	31.36	31.62	31.62	3.53	3.44	3.46	3.46	103.60	107.86	109.52	109.52	0.00	0.00	1.66	1.54
Pakistan	8.68	8.83	9.20	9.20	2.81	2.83	2.93	2.93	24.35	24.95	27.00	27.00	0.00	0.00	2.05	8.23
Afghanistan	2.30	2.33	2.20	2.20	2.17	2.15	2.00	2.00	5.00	5.01	4.40	4.40	0.00	0.00	-0.61	-12.18
Nepal	0.71	0.75	0.75	0.75	3.09	2.95	2.80	2.80	2.19	2.21	2.10	2.10	0.00	0.00	-0.11	-4.98
Former Soviet Union - 12																
Russia	27.31	28.68	28.00	28.00	2.70	2.98	2.59	2.59	73.61	85.35	72.50	72.50	0.00	0.00	-12.85	-15.06
Russia Winter	15.41	16.63	15.20	15.20	3.41	3.77	3.32	3.32	52.54	62.69	50.50	50.50	0.00	0.00	-12.19	-19.44
Russia Spring	11.91	12.06	12.80	12.80	1.77	1.88	1.72	1.72	21.07	22.67	22.00	22.00	0.00	0.00	-0.67	-2.93
Ukraine	7.02	6.85	7.40	7.40	4.16	3.71	4.46	4.46	29.17	25.42	33.00	33.00	0.00	0.00	7.58	29.82
Kazakhstan	11.34	12.08	12.70	12.70	1.01	1.18	0.98	0.94	11.45	14.26	12.50	12.00	-0.50	-4.00	-2.26	-15.82
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	0.72	0.65	0.65	3.33	3.94	3.54	3.54	2.31	2.85	2.30	2.30	0.00	0.00	-0.55	-19.24
Canada	9.66	10.02	9.20	8.50	3.38	3.51	2.50	2.47	32.67	35.18	23.00	21.00	-2.00	-8.70	-14.18	-40.31
South America																
Argentina	6.73	6.40	6.50	6.50	2.94	2.76	3.08	3.08	19.78	17.65	20.00	20.00	0.00	0.00	2.36	13.35
Brazil	2.04	2.34	2.70	2.70	2.55	2.67	2.85	2.93	5.20	6.25	7.70	7.90	0.20	2.60	1.65	26.40
Australia	9.86	13.00	13.10	13.10	1.47	2.54	2.40	2.40	14.48	33.00	31.50	31.50	0.00	0.00	-1.50	-4.55
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	2.63	2.64	4.03	2.56	7.50	7.54	0.04	0.53	4.98	194.53
Algeria	2.07	2.08	2.08	2.08	1.90	1.88	1.73	1.73	3.95	3.90	3.60	3.60	0.00	0.00	-0.30	-7.69
Ethiopia	1.79	1.85	1.90	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	2.36	2.36	17.50	18.25	16.50	16.50	0.00	0.00	-1.75	-9.59
Iran	6.20	6.00	6.70	6.40	2.51	2.50	2.24	2.11	15.55	15.00	15.00	13.50	-1.50	-10.00	-1.50	-10.00
Iraq	2.40	2.40	2.50	2.50	2.00	1.93	1.80	1.80	4.80	4.64	4.50	4.50	0.00	0.00	-0.14	-2.91
Syria	1.60	1.60	1.40	1.40	3.00	2.81	2.00	2.00	4.80	4.50	2.80	2.80	0.00	0.00	-1.70	-37.78
Mexico	0.59	0.56	0.56	0.56	5.54	5.33	5.59	5.77	3.27	2.97	3.10	3.20	0.10	3.23	0.24	7.93
Others	7.46	7.37	7.63	7.63	2.76	2.72	2.79	2.81	20.62	20.08	21.30	21.44	0.14	0.66	1.36	6.76

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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	335.77	339.81	341.08	339.26	4.21	4.20	4.39	4.40	1,415.25	1,426.38	1,496.89	1,493.96	-2.93	-0.20	67.59	4.74
United States	36.17	36.81	38.34	38.24	9.94	10.13	10.32	10.38	359.43	372.89	395.67	396.85	1.18	0.30	23.97	6.43
Total Foreign	299.61	303.00	302.74	301.02	3.52	3.48	3.64	3.64	1,055.81	1,053.49	1,101.22	1,097.11	-4.11	-0.37	43.62	4.14
China	43.60	43.56	44.29	44.29	6.15	6.15	6.33	6.33	268.18	268.02	280.40	280.40	0.00	0.00	12.38	4.62
European Union	28.74	29.40	28.72	28.69	5.31	5.24	5.35	5.37	152.74	153.99	153.65	154.15	0.50	0.33	0.16	0.11
United Kingdom	1.41	1.66	1.42	1.42	6.64	5.65	6.01	6.01	9.35	9.36	8.53	8.53	0.00	0.00	-0.83	-8.89
South America																
Brazil	19.86	21.23	22.23	22.23	5.33	4.24	5.49	5.49	105.82	89.96	122.02	122.02	0.00	0.00	32.06	35.64
Argentina	8.43	8.57	9.07	8.97	6.89	6.82	6.92	6.95	58.13	58.47	62.78	62.38	-0.40	-0.64	3.91	6.69
Former Soviet Union - 12																
Russia	14.51	14.55	14.03	14.03	2.79	2.84	2.84	2.76	40.50	41.40	39.90	38.70	-1.20	-3.01	-2.70	-6.51
Ukraine	8.22	8.53	8.60	8.60	5.67	4.64	5.91	5.80	46.55	39.59	50.82	49.82	-1.00	-1.97	10.23	25.84
Kazakhstan	3.45	3.20	2.67	2.67	1.47	1.54	1.45	1.45	5.06	4.93	3.88	3.88	0.00	0.00	-1.05	-21.25
Belarus	1.08	1.14	0.99	0.99	3.08	3.47	3.05	3.05	3.32	3.95	3.00	3.00	0.00	0.00	-0.95	-23.99
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	3.12	3.36	3.30	3.30	5.24	5.29	5.34	5.34	16.37	17.75	17.61	17.61	0.00	0.00	-0.14	-0.79
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	23.83	24.00	22.40	1.99	2.15	2.04	2.12	47.66	51.21	49.07	47.57	-1.50	-3.06	-3.64	-7.11
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	2.57	2.50	2.50	3.20	3.25	3.20	3.20	8.03	8.35	8.00	8.00	0.00	0.00	-0.35	-4.21
Vietnam	0.99	0.95	0.90	0.90	4.80	4.83	4.89	4.89	4.76	4.59	4.40	4.40	0.00	0.00	-0.19	-4.14
Thailand	1.24	1.28	1.23	1.23	3.66	4.41	4.36	4.36	4.55	5.65	5.35	5.35	0.00	0.00	-0.30	-5.31
Mexico	8.41	8.76	9.11	9.11	3.82	3.73	3.71	3.71	32.10	32.66	33.75	33.75	0.00	0.00	1.09	3.32
Canada	5.54	5.80	5.67	5.57	5.16	5.11	4.39	4.30	28.61	29.64	24.87	23.95	-0.92	-3.70	-5.69	-19.21
Australia	6.18	5.99	5.88	5.88	1.93	2.75	2.67	2.67	11.90	16.45	15.70	15.70	0.00	0.00	-0.75	-4.53
Middle East																
Turkey	4.53	4.63	4.46	4.46	3.19	3.40	2.67	2.67	14.45	15.76	11.93	11.93	0.00	0.00	-3.83	-24.30
Iran	1.91	1.81	1.91	2.01	2.63	2.77	2.31	2.25	5.02	5.02	4.42	4.52	0.10	2.26	-0.50	-9.96
Others	73.76	74.49	74.06	74.06	1.60	1.66	1.70	1.71	118.13	123.42	126.06	126.37	0.31	0.25	2.95	2.39

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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	194.16	197.68	200.30	200.38	5.76	5.64	5.98	5.98	1,118.62	1,115.50	1,197.77	1,198.22	0.45	0.04	82.71	7.41
United States	32.92	33.31	34.43	34.43	10.51	10.76	11.06	11.08	345.96	358.45	380.93	381.49	0.56	0.15	23.04	6.43
Total Foreign	161.24	164.37	165.87	165.94	4.79	4.61	4.92	4.92	772.66	757.06	816.84	816.73	-0.11	-0.01	59.67	7.88
China	41.28	41.26	42.00	42.00	6.32	6.32	6.50	6.50	260.78	260.67	273.00	273.00	0.00	0.00	12.33	4.73
South America																
Brazil	18.50	19.83	20.80	20.80	5.51	4.34	5.67	5.67	102.00	86.00	118.00	118.00	0.00	0.00	32.00	37.21
Argentina	6.30	6.40	6.50	6.50	8.10	7.81	8.15	8.15	51.00	50.00	53.00	53.00	0.00	0.00	3.00	6.00
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	9.04	8.85	8.94	7.49	7.12	7.40	7.42	66.74	64.41	65.50	66.30	0.80	1.22	1.89	2.93
Africa																
South Africa	2.91	3.12	3.10	3.10	5.45	5.42	5.48	5.48	15.84	16.90	17.00	17.00	0.00	0.00	0.10	0.59
Nigeria	6.50	5.50	6.00	6.00	1.69	1.82	1.83	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	5.42	5.42	7.19	5.62	7.20	7.01	35.89	30.30	39.00	38.00	-1.00	-2.56	7.70	25.42
Russia	2.50	2.73	2.80	2.80	5.70	5.08	5.54	5.36	14.28	13.87	15.50	15.00	-0.50	-3.23	1.13	8.13
South Asia																
India	9.57	9.87	9.70	9.70	3.01	3.19	3.09	3.09	28.77	31.51	30.00	30.00	0.00	0.00	-1.51	-4.79
Pakistan	1.41	1.39	1.40	1.40	5.12	5.63	5.43	5.43	7.24	7.80	7.60	7.60	0.00	0.00	-0.20	-2.56
Nepal	0.96	0.97	0.97	0.97	2.76	2.82	2.82	2.82	2.65	2.72	2.72	2.72	0.00	0.00	0.00	0.00
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	2.57	2.50	2.50	3.20	3.25	3.20	3.20	8.03	8.35	8.00	8.00	0.00	0.00	-0.35	-4.21
Vietnam	0.99	0.95	0.90	0.90	4.80	4.83	4.89	4.89	4.76	4.59	4.40	4.40	0.00	0.00	-0.19	-4.14
Thailand	1.22	1.26	1.20	1.20	3.70	4.46	4.42	4.42	4.50	5.60	5.30	5.30	0.00	0.00	-0.30	-5.36
Mexico	6.62	7.15	7.30	7.30	4.03	3.83	3.84	3.84	26.66	27.35	28.00	28.00	0.00	0.00	0.65	2.38
Canada	1.45	1.41	1.35	1.35	9.24	9.63	10.07	10.37	13.40	13.56	13.60	14.00	0.40	2.94	0.44	3.22
Turkey	0.52	0.62	0.54	0.54	11.54	11.45	11.76	11.76	6.00	7.10	6.35	6.35	0.00	0.00	-0.75	-10.56
Others	26.04	25.68	25.02	25.00	2.59	2.62	2.68	2.68	67.35	67.32	66.93	67.12	0.19	0.28	-0.20	-0.29

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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	52.36	51.73	50.10	50.03	3.01	3.10	2.98	2.96	157.82	160.55	149.28	147.99	-1.29	-0.86	-12.56	-7.82
United States	0.90	0.90	0.83	0.79	4.18	4.15	2.78	3.25	3.76	3.72	2.30	2.56	0.26	11.49	-1.16	-31.11
Total Foreign	51.46	50.83	49.27	49.25	2.99	3.09	2.98	2.95	154.06	156.83	146.98	145.43	-1.56	-1.06	-11.40	-7.27
European Union	11.17	11.41	10.98	10.85	4.95	4.86	4.97	5.00	55.27	55.49	54.60	54.30	-0.30	-0.55	-1.19	-2.15
United Kingdom	1.16	1.39	1.14	1.14	6.93	5.85	6.32	6.32	8.05	8.12	7.20	7.20	0.00	0.00	-0.92	-11.30
Former Soviet Union - 12																
Russia	8.40	8.16	7.75	7.75	2.37	2.53	2.32	2.23	19.94	20.63	18.00	17.30	-0.70	-3.89	-3.33	-16.14
Ukraine	2.78	2.58	2.70	2.70	3.42	3.08	3.89	3.89	9.53	7.95	10.50	10.50	0.00	0.00	2.55	32.13
Kazakhstan	2.98	2.73	2.20	2.20	1.29	1.34	1.14	1.14	3.83	3.66	2.50	2.50	0.00	0.00	-1.16	-31.68
Belarus	0.41	0.41	0.35	0.35	2.69	3.35	2.86	2.86	1.10	1.38	1.00	1.00	0.00	0.00	-0.38	-27.27
Azerbaijan	0.34	0.35	0.37	0.37	2.97	2.81	2.74	2.74	1.02	0.97	1.00	1.00	0.00	0.00	0.03	3.09
Canada	2.73	2.81	3.00	3.00	3.81	3.82	2.60	2.37	10.38	10.74	7.80	7.10	-0.70	-8.97	-3.64	-33.90
Australia	5.04	4.40	4.30	4.30	2.01	2.95	2.79	2.79	10.13	13.00	12.00	12.00	0.00	0.00	-1.00	-7.69
Middle East																
Turkey	3.80	3.80	3.70	3.70	2.08	2.13	1.35	1.35	7.90	8.10	5.00	5.00	0.00	0.00	-3.10	-38.27
Iran	1.70	1.60	1.70	1.80	2.12	2.25	1.76	1.72	3.60	3.60	3.00	3.10	0.10	3.33	-0.50	-13.89
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	1.87	1.87	1.16	0.64	2.78	2.78	0.00	0.00	2.14	334.38
Algeria	1.03	1.03	1.03	1.03	1.95	1.80	1.56	1.56	2.00	1.85	1.60	1.60	0.00	0.00	-0.25	-13.28
Tunisia	0.47	0.36	0.37	0.37	1.94	1.28	1.77	1.77	0.91	0.47	0.65	0.65	0.00	0.00	0.19	39.78
South Africa	0.13	0.14	0.10	0.10	2.61	4.14	3.60	3.60	0.35	0.59	0.36	0.36	0.00	0.00	-0.23	-38.78
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	0.20	0.20	3.68	4.83	4.30	4.30	0.61	0.89	0.86	0.86	0.00	0.00	-0.03	-3.26
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	0.60	0.60	2.84	2.92	2.78	2.78	1.63	1.72	1.67	1.67	0.00	0.00	-0.05	-2.91
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	0.30	0.34	0.34	2.81	3.07	2.82	2.82	1.01	0.91	0.96	0.96	0.00	0.00	0.06	6.08
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	1.81	1.81	1.81	2.45	2.40	2.47	2.50	4.38	4.33	4.47	4.51	0.05	1.01	0.18	4.16

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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	9.55	10.02	9.56	9.43	2.43	2.55	2.45	2.41	23.21	25.57	23.38	22.76	-0.62	-2.66	-2.81	-11.01
United States	0.34	0.41	0.29	0.26	2.31	2.34	2.06	2.20	0.77	0.95	0.60	0.58	-0.02	-3.83	-0.38	-39.41
Total Foreign	9.21	9.61	9.27	9.17	2.44	2.56	2.46	2.42	22.44	24.62	22.78	22.18	-0.60	-2.63	-2.44	-9.90
European Union	2.37	2.58	2.60	2.60	2.94	3.29	3.15	3.15	6.96	8.49	8.20	8.20	0.00	0.00	-0.29	-3.38
Former Soviet Union - 12																
Russia	2.43	2.33	2.20	2.20	1.82	1.77	1.86	1.86	4.42	4.13	4.10	4.10	0.00	0.00	-0.03	-0.65
Ukraine	0.18	0.20	0.18	0.18	2.32	2.54	2.50	2.50	0.43	0.52	0.45	0.45	0.00	0.00	-0.07	-12.62
Belarus	0.16	0.16	0.15	0.15	2.30	2.87	2.33	2.33	0.37	0.45	0.35	0.35	0.00	0.00	-0.10	-21.35
Kazakhstan	0.24	0.23	0.20	0.20	1.10	1.05	1.00	1.00	0.27	0.24	0.20	0.20	0.00	0.00	-0.04	-16.67
Canada	1.17	1.31	1.10	1.00	3.62	3.48	2.64	2.30	4.23	4.58	2.90	2.30	-0.60	-20.69	-2.28	-49.74
South America																
Argentina	0.32	0.24	0.30	0.30	1.86	2.13	2.30	2.30	0.60	0.51	0.69	0.69	0.00	0.00	0.18	35.29
Brazil	0.40	0.43	0.43	0.43	2.21	1.99	2.18	2.18	0.88	0.85	0.93	0.93	0.00	0.00	0.08	9.57
Chile	0.10	0.11	0.11	0.11	4.92	4.65	5.45	5.45	0.48	0.53	0.60	0.60	0.00	0.00	0.08	14.29
Uruguay	0.02	0.02	0.02	0.02	2.19	2.20	2.33	2.33	0.04	0.03	0.04	0.04	0.00	0.00	0.00	6.06
Oceania																
Australia	0.82	0.95	0.90	0.90	1.40	1.76	1.72	1.72	1.14	1.68	1.55	1.55	0.00	0.00	-0.13	-7.46
New Zealand	0.01	0.00	0.00	0.00	5.40	6.00	6.00	6.00	0.03	0.02	0.02	0.02	0.00	0.00	0.00	0.00
China	0.41	0.41	0.41	0.41	1.48	1.48	1.48	1.48	0.60	0.60	0.60	0.60	0.00	0.00	0.00	0.00
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	0.04	0.04	0.81	2.19	2.29	2.29	0.02	0.06	0.08	0.08	0.00	0.00	0.02	40.35
Other Europe																
United Kingdom	0.18	0.21	0.22	0.22	5.91	4.91	5.12	5.12	1.08	1.03	1.10	1.10	0.00	0.00	0.07	6.69
Norway	0.07	0.07	0.07	0.07	4.29	4.29	4.29	4.29	0.30	0.30	0.30	0.30	0.00	0.00	0.00	0.00
Serbia	0.03	0.03	0.03	0.03	2.17	2.17	2.17	2.17	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Albania	0.02	0.01	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	2.03	2.00	2.00	0.10	0.06	0.09	0.09	0.00	0.00	0.03	42.86
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	Sep	Oct	2019/20	2020/21	Sep	Oct	2019/20	2020/21	Sep	Oct	MMT	Percent	MMT	Percent
World	4.04	4.31	4.33	4.30	3.04	3.36	3.18	3.18	12.26	14.45	13.74	13.67	-0.07	-0.53	-0.78	-5.40
United States	0.13	0.13	0.15	0.12	2.16	2.19	2.09	2.09	0.27	0.29	0.31	0.25	-0.06	-18.89	-0.04	-15.02
Total Foreign	3.91	4.17	4.18	4.18	3.07	3.39	3.21	3.21	11.99	14.16	13.43	13.42	-0.02	-0.11	-0.74	-5.20
European Union	2.21	2.22	2.18	2.18	3.80	4.10	4.11	4.11	8.40	9.12	8.95	8.95	0.00	0.00	-0.17	-1.86
Former Soviet Union - 12																
Russia	0.82	0.97	1.03	1.03	1.73	2.44	1.95	1.95	1.42	2.38	2.00	2.00	0.00	0.00	-0.38	-15.82
Belarus	0.32	0.36	0.33	0.33	2.37	2.92	2.46	2.46	0.76	1.05	0.80	0.80	0.00	0.00	-0.25	-23.88
Ukraine	0.12	0.14	0.18	0.18	2.90	3.28	3.29	3.29	0.34	0.46	0.58	0.58	0.00	0.00	0.12	25.27
Kazakhstan	0.02	0.02	0.04	0.04	1.00	1.25	1.00	1.00	0.02	0.03	0.04	0.04	0.00	0.00	0.01	33.33
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	2.69	2.59	0.33	0.49	0.43	0.42	-0.02	-3.49	-0.07	-14.96
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	0.09	0.07	0.07	2.00	1.50	2.00	2.00	0.22	0.14	0.13	0.13	0.00	0.00	0.00	-0.74
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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	40.52	40.84	42.07	41.79	1.44	1.53	1.56	1.57	58.30	62.51	65.77	65.69	-0.08	-0.12	3.18	5.09
United States	1.89	2.06	2.64	2.64	4.58	4.59	4.37	4.54	8.67	9.47	11.54	11.98	0.44	3.78	2.50	26.40
Total Foreign	38.63	38.78	39.43	39.15	1.28	1.37	1.38	1.37	49.62	53.03	54.23	53.71	-0.52	-0.96	0.68	1.28
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	4.18	3.78	3.78	0.16	0.21	0.17	0.17	0.00	0.00	-0.04	-17.07
Mexico	1.38	1.29	1.42	1.42	3.14	3.37	3.31	3.31	4.33	4.35	4.70	4.70	0.00	0.00	0.35	8.15
South America																
Argentina	0.58	0.75	0.95	0.85	4.35	4.43	4.37	4.41	2.50	3.32	4.15	3.75	-0.40	-9.64	0.43	12.95
Brazil	0.84	0.88	0.90	0.90	2.99	3.12	3.00	3.00	2.50	2.73	2.70	2.70	0.00	0.00	-0.03	-1.17
South Asia																
India	4.82	4.24	4.80	4.60	0.99	1.13	0.96	0.96	4.77	4.78	4.60	4.40	-0.20	-4.35	-0.38	-7.95
Pakistan	0.24	0.25	0.26	0.26	0.58	0.58	0.59	0.59	0.14	0.15	0.15	0.15	0.00	0.00	0.01	3.45
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	0.19	0.17	0.17	5.30	5.20	5.59	5.59	0.85	1.00	0.95	0.95	0.00	0.00	-0.05	-5.28
Others	5.39	5.56	5.56	5.58	1.07	1.04	1.07	1.08	5.79	5.80	5.96	6.04	0.08	1.38	0.23	4.03

World and Selected Countries and Regions

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

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	160.43	163.38	163.61	163.96	4.64	4.63	4.63	4.65	498.29	506.44	507.95	510.70	2.75	0.54	4.25	0.84
United States	1.00	1.21	1.01	1.01	8.38	8.54	8.55	8.55	5.88	7.23	6.05	6.05	0.00	0.02	-1.18	-16.27
Total Foreign	159.43	162.18	162.60	162.95	4.61	4.60	4.61	4.63	492.42	499.22	501.90	504.65	2.75	0.55	5.43	1.09
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	6.81	7.61	7.57	7.58	7.56	-0.02	-0.26	-0.01	-0.09
Korea, South	0.73	0.73	0.73	0.73	6.87	6.49	7.01	7.01	3.74	3.51	3.82	3.82	0.00	0.00	0.31	8.81
Korea, North	0.48	0.49	0.50	0.50	5.89	4.44	4.18	4.18	1.82	1.40	1.36	1.36	0.00	0.00	-0.04	-2.72
South Asia																
India	43.66	45.00	45.00	45.50	4.08	4.08	4.07	4.12	118.87	122.27	122.00	125.00	3.00	2.46	2.73	2.23
Bangladesh	11.83	11.50	11.68	11.68	4.55	4.51	4.66	4.66	35.85	34.60	36.25	36.25	0.00	0.00	1.65	4.77
Pakistan	3.03	3.38	3.30	3.30	3.67	3.63	3.73	3.73	7.41	8.18	8.20	8.20	0.00	0.00	0.02	0.20
Nepal	1.46	1.47	1.48	1.48	3.80	3.78	3.77	3.77	3.70	3.70	3.70	3.70	0.00	0.00	0.00	0.11
Sri Lanka	0.97	1.09	1.10	1.10	4.85	4.66	4.64	4.64	3.21	3.45	3.47	3.47	0.00	0.00	0.02	0.52
Southeast Asia																
Indonesia	11.60	11.80	11.80	11.80	4.71	4.71	4.72	4.72	34.70	35.30	35.35	35.35	0.00	0.00	0.05	0.14
Vietnam	7.38	7.36	7.35	7.35	5.88	5.96	5.90	5.90	27.10	27.44	27.10	27.10	0.00	0.00	-0.34	-1.23
Thailand	9.89	10.51	10.50	10.50	2.70	2.72	2.81	2.81	17.66	18.86	19.50	19.50	0.00	0.00	0.64	3.38
Burma	6.90	6.90	7.00	6.90	2.86	2.85	2.86	2.85	12.65	12.60	12.80	12.60	-0.20	-1.56	0.00	0.00
Philippines	4.64	4.76	4.75	4.75	4.08	4.14	4.11	4.11	11.93	12.42	12.30	12.30	0.00	0.00	-0.12	-0.93
Cambodia	3.26	3.27	3.30	3.30	2.89	2.90	2.93	2.93	5.74	5.78	5.90	5.90	0.00	0.00	0.12	2.02
Laos	0.84	0.96	0.97	0.97	3.01	3.14	3.19	3.19	1.60	1.90	1.95	1.95	0.00	0.00	0.05	2.63
Malaysia	0.70	0.68	0.68	0.68	4.01	4.07	4.07	4.07	1.83	1.80	1.80	1.80	0.00	0.00	0.00	0.00
South America																
Brazil	1.67	1.68	1.70	1.70	6.71	7.00	6.94	6.94	7.60	8.00	8.02	8.02	0.00	0.00	0.02	0.29
Peru	0.42	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	0.50	0.50	8.20	8.28	8.41	8.41	4.30	4.00	2.90	2.90	0.00	0.00	-1.10	-27.50
Madagascar	1.40	1.40	1.40	1.40	3.02	3.02	2.57	2.86	2.71	2.71	2.30	2.56	0.26	11.11	-0.15	-5.43
Nigeria	3.50	3.60	3.65	3.65	2.29	2.16	2.17	2.17	5.04	4.89	5.00	5.00	0.00	0.00	0.11	2.25
European Union	0.42	0.42	0.41	0.41	6.95	6.77	6.71	6.79	1.99	1.95	1.89	1.89	0.00	0.00	-0.06	-3.02
Iran	0.58	0.58	0.58	0.56	5.25	5.27	5.27	5.14	1.99	2.00	2.00	1.90	-0.10	-5.00	-0.10	-5.00
Others	12.09	11.88	12.28	12.24	3.07	3.11	3.13	3.11	24.45	24.35	25.35	25.16	-0.19	-0.74	0.82	3.36

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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World Total	--	--	--	--	--	--	--	--	580.68	602.29	629.16	628.24	-0.92	-0.15	25.94	4.31
Total Foreign	--	--	--	--	--	--	--	--	473.70	477.73	499.85	497.40	-2.45	-0.49	19.67	4.12
Oilseed, Copra	--	--	--	--	--	--	--	--	5.66	5.56	5.82	5.82	0.00	0.00	0.26	4.62
Oilseed, Palm Kernel	--	--	--	--	--	--	--	--	19.30	19.05	19.93	19.93	0.00	0.00	0.88	4.63
Major Oilseeds	246.04	251.20	259.98	259.01	2.26	2.30	2.32	2.33	555.72	577.68	603.41	602.49	-0.92	-0.15	24.81	4.29
United States	36.83	38.83	40.94	40.97	2.91	3.21	3.16	3.19	106.98	124.56	129.31	130.83	1.52	1.18	6.27	5.04
Foreign Oilseeds	209.21	212.37	219.04	218.04	2.14	2.13	2.16	2.16	448.74	453.12	474.10	471.65	-2.45	-0.52	18.53	4.09
South America	64.00	65.04	68.26	67.97	3.18	3.20	3.27	3.26	203.24	207.87	222.92	221.87	-1.05	-0.47	14.00	6.74
Brazil	38.77	40.17	42.11	42.11	3.45	3.52	3.54	3.54	133.78	141.28	148.90	148.90	0.00	0.00	7.62	5.39
Argentina	19.03	19.01	19.62	19.34	2.82	2.70	2.91	2.90	53.64	51.24	57.16	56.11	-1.05	-1.84	4.86	9.49
Paraguay	3.57	3.24	3.54	3.54	2.90	3.09	3.00	3.00	10.36	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	0.97	1.32	1.32	2.14	1.88	2.06	2.06	2.09	1.82	2.72	2.72	0.00	0.00	0.90	49.34
China	24.88	25.57	25.35	25.35	2.50	2.56	2.55	2.55	62.20	65.33	64.60	64.60	0.00	0.00	-0.73	-1.12
South Asia	41.30	43.41	42.87	42.27	0.96	0.94	0.98	1.00	39.47	40.83	42.16	42.40	0.24	0.56	1.56	3.83
India	37.85	40.15	39.80	39.20	0.94	0.94	0.98	0.98	35.62	37.72	38.83	38.41	-0.41	-1.06	0.69	1.83
Pakistan	3.08	2.90	2.70	2.70	1.10	0.92	1.07	1.31	3.40	2.66	2.89	3.54	0.65	22.51	0.88	32.97
European Union	10.65	10.79	10.93	10.84	2.62	2.62	2.76	2.80	27.95	28.24	30.17	30.32	0.15	0.50	2.08	7.36
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	26.07	25.72	27.03	27.01	1.96	1.74	1.91	1.88	51.10	44.70	51.63	50.78	-0.85	-1.65	6.08	13.61
Russia	12.56	12.50	13.80	13.80	1.73	1.61	1.66	1.62	21.70	20.14	22.85	22.35	-0.50	-2.19	2.21	10.96
Ukraine	9.70	9.65	9.48	9.45	2.52	2.06	2.51	2.48	24.46	19.85	23.80	23.45	-0.35	-1.47	3.60	18.14
Uzbekistan	1.02	0.99	1.00	1.00	1.39	1.43	1.31	1.31	1.43	1.42	1.30	1.30	0.00	0.00	-0.12	-8.18
Canada	10.76	10.41	10.93	10.93	2.40	2.49	1.83	1.73	25.82	25.95	19.95	18.95	-1.00	-5.01	-7.00	-26.96
Africa	22.75	22.28	23.57	23.57	1.03	1.05	1.03	1.03	23.52	23.40	24.24	24.24	0.00	0.00	0.85	3.61
Nigeria	4.32	4.62	4.97	4.97	1.38	1.22	1.25	1.25	5.96	5.65	6.20	6.20	0.00	0.00	0.55	9.73
South Africa	1.27	1.37	1.45	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	1.60	1.60	0.85	0.82	0.85	0.85	1.36	1.19	1.36	1.36	0.00	0.00	0.17	14.27
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	2.12	2.73	3.63	3.63	1.19	1.81	1.74	1.74	2.53	4.93	6.29	6.29	0.00	0.00	1.36	27.63
Turkey	1.42	1.18	1.31	1.31	2.33	2.46	2.49	2.54	3.31	2.89	3.27	3.34	0.07	1.99	0.44	15.31
Others	1.65	1.61	1.65	1.65	2.19	2.19	2.07	2.07	3.62	3.52	3.41	3.41	0.00	0.00	-0.11	-3.10

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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	122.89	127.61	132.42	131.89	2.77	2.86	2.90	2.92	339.89	365.26	384.42	385.14	0.72	0.19	19.88	5.44
United States	30.33	33.43	34.98	34.98	3.19	3.43	3.40	3.46	96.67	114.75	119.04	121.06	2.02	1.69	6.31	5.50
Total Foreign	92.57	94.18	97.44	96.91	2.63	2.66	2.72	2.73	243.22	250.51	265.38	264.08	-1.30	-0.49	13.58	5.42
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	16.47	17.20	16.90	2.92	2.81	3.02	3.02	48.80	46.20	52.00	51.00	-1.00	-1.92	4.80	10.39
Paraguay	3.50	3.15	3.45	3.45	2.93	3.14	3.04	3.04	10.25	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	0.90	1.25	1.25	2.17	1.90	2.08	2.08	1.99	1.71	2.60	2.60	0.00	0.00	0.89	52.22
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	0.16	0.16	0.17	0.17	1.70	1.40	1.44	1.44	0.26	0.23	0.24	0.24	0.00	0.00	0.01	3.48
Japan	0.14	0.14	0.15	0.15	1.47	1.65	1.66	1.66	0.21	0.24	0.24	0.24	0.00	0.00	0.01	2.55
India	12.19	12.70	12.70	12.50	0.76	0.82	0.88	0.88	9.30	10.45	11.20	11.00	-0.20	-1.79	0.55	5.26
Canada	2.27	2.04	2.10	2.10	2.71	3.12	2.81	2.81	6.15	6.36	5.90	5.90	0.00	0.00	-0.46	-7.22
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	1.40	1.40	2.29	2.05	2.43	2.43	4.50	3.00	3.40	3.40	0.00	0.00	0.40	13.33
European Union	0.90	0.94	0.98	0.94	2.89	2.74	2.90	2.90	2.62	2.57	2.83	2.73	-0.10	-3.53	0.16	6.06
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	2.45	2.45	0.60	0.64	0.54	0.54	0.00	0.00	-0.10	-14.96
Mexico	0.15	0.16	0.19	0.19	1.57	1.58	1.58	1.58	0.24	0.25	0.30	0.30	0.00	0.00	0.05	21.95
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	1.04	1.10	1.20	1.20	1.11	0.95	1.04	1.04	1.15	1.05	1.25	1.25	0.00	0.00	0.20	19.05
Zambia	0.20	0.19	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	0.35	0.36	0.36	0.36	1.95	1.94	1.93	1.93	0.69	0.70	0.69	0.69	0.00	0.00	0.00	-0.43

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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	34.24	30.84	32.26	31.96	1.30	1.33	1.34	1.37	44.42	41.12	43.32	43.68	0.36	0.84	2.56	6.23
United States	4.65	3.35	4.02	4.02	1.16	1.22	1.28	1.24	5.39	4.09	5.12	4.98	-0.14	-2.73	0.89	21.78
Total Foreign	29.59	27.49	28.24	27.94	1.32	1.35	1.35	1.39	39.03	37.03	38.20	38.70	0.50	1.31	1.67	4.51
South Asia																
India	13.50	13.00	12.70	12.40	0.93	0.91	0.95	0.96	12.52	11.89	12.10	11.89	-0.21	-1.76	0.00	0.00
Pakistan	2.45	2.20	2.00	2.00	1.10	0.89	1.08	1.41	2.69	1.95	2.17	2.82	0.65	30.01	0.87	44.48
China	3.45	3.25	3.10	3.10	3.10	3.50	3.39	3.39	10.68	11.37	10.50	10.50	0.00	0.00	-0.87	-7.61
Former Soviet Union - 12																
Uzbekistan	1.01	0.98	0.98	0.98	1.36	1.41	1.28	1.28	1.37	1.37	1.25	1.25	0.00	0.00	-0.12	-8.53
Turkmenistan	0.55	0.55	0.55	0.55	0.66	0.66	0.64	0.64	0.36	0.36	0.35	0.35	0.00	0.00	-0.01	-2.22
Tajikistan	0.18	0.16	0.17	0.17	1.27	1.11	1.15	1.15	0.23	0.18	0.20	0.20	0.00	0.00	0.02	9.55
Kazakhstan	0.13	0.11	0.12	0.12	1.13	0.95	0.90	0.90	0.14	0.11	0.10	0.10	0.00	0.00	0.00	-1.90
South America																
Brazil	1.67	1.37	1.50	1.50	2.75	2.62	2.77	2.77	4.58	3.59	4.15	4.15	0.00	0.00	0.56	15.53
Argentina	0.42	0.45	0.45	0.45	0.68	0.67	0.70	0.70	0.28	0.30	0.32	0.32	0.00	0.00	0.02	5.33
Middle East																
Turkey	0.57	0.35	0.45	0.45	1.98	2.71	2.47	2.61	1.13	0.95	1.11	1.18	0.07	5.86	0.23	24.08
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	0.58	0.58	3.12	3.06	2.46	2.46	0.19	0.84	1.41	1.41	0.00	0.00	0.57	67.90
European Union	0.35	0.34	0.31	0.31	1.81	1.58	1.74	1.74	0.64	0.54	0.54	0.54	0.00	0.00	0.01	0.93
Africa																
Burkina Faso	0.58	0.56	0.61	0.61	0.42	0.46	0.43	0.43	0.24	0.25	0.26	0.26	0.00	0.00	0.01	3.56
Mali	0.74	0.17	0.80	0.80	0.52	0.49	0.52	0.52	0.38	0.08	0.42	0.42	0.00	0.00	0.34	414.81
Cameroon	0.25	0.23	0.23	0.23	1.29	1.42	1.30	1.30	0.32	0.32	0.30	0.30	0.00	0.00	-0.02	-6.25
Cote d'Ivoire	0.41	0.45	0.46	0.46	0.66	0.61	0.61	0.61	0.27	0.27	0.28	0.28	0.00	0.00	0.01	4.07
Benin	0.67	0.62	0.62	0.62	0.71	0.78	0.69	0.69	0.47	0.48	0.43	0.43	0.00	0.00	-0.05	-10.23
Tanzania	0.60	0.45	0.60	0.60	0.43	0.20	0.44	0.44	0.26	0.09	0.26	0.26	0.00	0.00	0.17	186.81
Egypt	0.10	0.07	0.10	0.10	0.92	1.00	1.00	1.00	0.09	0.07	0.10	0.10	0.00	0.00	0.04	53.85
Nigeria	0.15	0.27	0.27	0.27	0.57	0.56	0.56	0.56	0.09	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Uganda	0.09	0.10	0.10	0.10	1.67	1.40	1.40	1.40	0.15	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Zimbabwe	0.18	0.24	0.21	0.21	0.40	0.55	0.36	0.36	0.07	0.13	0.08	0.08	0.00	0.00	-0.06	-42.86
Sudan	0.20	0.20	0.20	0.20	1.53	1.41	1.41	1.41	0.31	0.28	0.28	0.28	0.00	0.00	0.00	0.00
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	0.74	0.64	0.64	0.64	0.80	0.86	0.80	0.80	0.59	0.55	0.51	0.51	0.00	0.00	-0.04	-6.73

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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	28.02	29.73	29.79	29.70	1.73	1.67	1.70	1.70	48.41	49.66	50.53	50.46	-0.08	-0.15	0.80	1.60
United States	0.56	0.65	0.62	0.62	4.41	4.27	4.65	4.60	2.48	2.79	2.88	2.85	-0.03	-0.90	0.06	2.18
Total Foreign	27.46	29.08	29.17	29.08	1.67	1.61	1.63	1.64	45.93	46.87	47.65	47.60	-0.05	-0.10	0.74	1.57
China	4.63	4.75	4.75	4.75	3.78	3.79	3.83	3.83	17.52	17.99	18.20	18.20	0.00	0.00	0.21	1.15
Africa																
Nigeria	3.13	3.25	3.50	3.50	1.51	1.37	1.37	1.37	4.72	4.45	4.80	4.80	0.00	0.00	0.35	7.87
Sudan	3.13	3.00	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	1.23	1.20	1.20	1.28	1.47	1.42	1.42	1.42	1.80	1.70	1.70	0.00	0.00	-0.10	-5.40
Cameroon	0.43	0.43	0.43	0.43	1.40	1.40	1.40	1.40	0.60	0.60	0.60	0.60	0.00	0.00	0.00	0.00
Ghana	0.33	0.33	0.33	0.33	1.36	1.36	1.36	1.36	0.45	0.45	0.45	0.45	0.00	0.00	0.00	0.00
Chad	0.79	0.80	0.80	0.80	1.14	1.13	1.13	1.13	0.90	0.90	0.90	0.90	0.00	0.00	0.00	0.00
Malawi	0.40	0.40	0.40	0.40	0.88	0.88	0.88	0.88	0.35	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Congo (Kinshasa)	0.50	0.50	0.50	0.50	0.92	0.90	0.90	0.90	0.46	0.45	0.45	0.45	0.00	0.00	0.00	0.00
Niger	0.90	0.92	0.92	0.92	0.60	0.60	0.60	0.60	0.54	0.55	0.55	0.55	0.00	0.00	0.00	0.00
Mali	0.45	0.43	0.43	0.43	0.82	1.00	1.00	1.00	0.37	0.43	0.43	0.43	0.00	0.00	0.00	0.00
Uganda	0.43	0.43	0.43	0.43	0.71	0.71	0.71	0.71	0.30	0.30	0.30	0.30	0.00	0.00	0.00	0.00
Burkina Faso	0.49	0.49	0.50	0.50	0.81	0.82	0.80	0.80	0.40	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Guinea	0.91	0.90	0.90	0.90	1.05	1.00	1.00	1.00	0.96	0.90	0.90	0.90	0.00	0.00	0.00	0.00
Egypt	0.06	0.06	0.06	0.06	3.20	3.20	3.20	3.20	0.21	0.21	0.21	0.21	0.00	0.00	0.00	0.00
Central African Republic	0.10	0.10	0.10	0.10	1.50	1.50	1.50	1.50	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
South Africa	0.04	0.04	0.04	0.04	1.76	2.00	2.00	2.00	0.07	0.08	0.08	0.08	0.00	0.00	0.00	0.00
Mozambique	0.38	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	6.00	5.90	5.80	1.30	1.12	1.15	1.17	6.26	6.70	6.80	6.80	0.00	0.00	0.10	1.49
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	0.40	0.35	0.37	3.50	3.16	4.00	3.70	1.29	1.27	1.40	1.35	-0.05	-3.57	0.08	6.30
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	
			Sep	Oct			Sep	Oct			Sep	Oct	MMT	Percent	MMT	Percent
World	26.03	26.90	28.27	28.16	2.07	1.83	2.02	1.98	53.94	49.14	56.97	55.86	-1.11	-1.96	6.71	13.66
United States	0.51	0.67	0.53	0.50	1.75	2.01	1.74	1.74	0.89	1.35	0.93	0.86	-0.06	-6.91	-0.49	-36.29
Total Foreign	25.52	26.23	27.74	27.67	2.08	1.82	2.02	1.99	53.05	47.79	56.04	54.99	-1.05	-1.87	7.21	15.08
Former Soviet Union - 12																
Russia	8.36	8.35	9.30	9.30	1.83	1.59	1.67	1.61	15.31	13.27	15.50	15.00	-0.50	-3.23	1.73	13.05
Ukraine	6.40	7.00	7.00	7.00	2.58	2.01	2.50	2.43	16.50	14.10	17.50	17.00	-0.50	-2.86	2.90	20.57
Kazakhstan	0.82	0.69	0.92	0.92	1.03	1.23	1.20	1.20	0.84	0.84	1.10	1.10	0.00	0.00	0.26	30.33
European Union	4.32	4.35	4.41	4.34	2.19	2.03	2.27	2.29	9.46	8.84	10.00	9.95	-0.05	-0.50	1.11	12.53
South America																
Argentina	1.53	1.67	1.60	1.60	2.11	2.05	2.13	2.13	3.24	3.43	3.40	3.40	0.00	0.00	-0.03	-0.87
Uruguay	0.06	0.07	0.07	0.07	1.67	1.69	1.69	1.69	0.10	0.11	0.12	0.12	0.00	0.00	0.01	4.55
Bolivia	0.14	0.13	0.13	0.13	1.19	1.20	1.30	1.30	0.16	0.15	0.16	0.16	0.00	0.00	0.01	9.33
Brazil	0.05	0.03	0.03	0.03	1.60	1.61	1.63	1.63	0.08	0.05	0.05	0.05	0.00	0.00	0.00	-2.00
Paraguay	0.03	0.03	0.03	0.03	1.39	1.53	1.55	1.55	0.04	0.05	0.05	0.05	0.00	0.00	0.00	4.35
China	0.92	0.90	1.10	1.10	2.64	2.64	2.64	2.64	2.42	2.38	2.90	2.90	0.00	0.00	0.53	22.11
South Asia																
India	0.23	0.25	0.30	0.30	0.61	0.76	0.75	0.75	0.14	0.19	0.23	0.23	0.00	0.00	0.04	21.62
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	0.03	0.03	2.17	2.24	1.67	1.67	0.06	0.10	0.05	0.05	0.00	0.00	-0.05	-50.50
Australia	0.01	0.02	0.02	0.02	1.22	1.50	1.31	1.31	0.01	0.03	0.02	0.02	0.00	0.00	-0.01	-22.22
Others	0.60	0.70	0.68	0.68	2.55	1.90	2.45	2.45	1.54	1.33	1.67	1.67	0.00	0.00	0.34	25.36

World and Selected Countries and Regions

Table 15 Rapeseed Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2021/22 Proj.		Prel.		2021/22 Proj.		Prel.		2021/22 Proj.		From last month		From last year	
	2019/20	2020/21	Sep	Oct	2019/20	2020/21	Sep	Oct	2019/20	2020/21	Sep	Oct	MMT	Percent	MMT	Percent
World	34.86	36.12	37.25	37.30	1.98	2.01	1.83	1.81	69.08	72.51	68.17	67.36	-0.81	-1.19	-5.15	-7.10
United States	0.78	0.73	0.80	0.86	2.00	2.16	1.69	1.26	1.55	1.58	1.34	1.08	-0.26	-19.57	-0.49	-31.37
Total Foreign	34.08	35.39	36.45	36.45	1.98	2.00	1.83	1.82	67.52	70.93	66.83	66.28	-0.55	-0.82	-4.66	-6.56
European Union	5.08	5.17	5.23	5.25	3.00	3.15	3.21	3.26	15.24	16.29	16.80	17.10	0.30	1.79	0.81	4.98
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	8.33	8.80	8.80	2.32	2.34	1.59	1.48	19.61	19.49	14.00	13.00	-1.00	-7.14	-6.49	-33.28
China	6.58	6.80	6.80	6.80	2.05	2.06	2.06	2.06	13.49	14.00	14.00	14.00	0.00	0.00	0.00	0.00
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	1.60	1.60	1.44	1.77	1.72	1.72	2.04	2.57	2.75	2.75	0.00	0.00	0.18	7.13
Ukraine	1.34	1.19	1.08	1.05	2.59	2.31	2.70	2.90	3.47	2.75	2.90	3.05	0.15	5.17	0.30	10.91
Belarus	0.34	0.36	0.32	0.32	1.68	2.06	1.59	1.59	0.58	0.73	0.50	0.50	0.00	0.00	-0.23	-31.60
Kazakhstan	0.27	0.12	0.11	0.11	0.90	1.23	1.00	1.00	0.24	0.15	0.11	0.11	0.00	0.00	-0.04	-28.10
Australia	2.03	2.40	3.00	3.00	1.13	1.67	1.60	1.60	2.30	4.00	4.80	4.80	0.00	0.00	0.80	20.00
South America																
Chile	0.04	0.04	0.04	0.04	4.05	3.81	4.00	4.00	0.15	0.14	0.14	0.14	0.00	0.00	0.00	-0.71
Paraguay	0.04	0.05	0.04	0.04	1.71	1.41	1.45	1.45	0.06	0.07	0.06	0.06	0.00	0.00	0.00	-1.54
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	2.10	2.10	0.45	0.40	0.38	0.38	0.00	0.00	-0.02	-4.79

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	Sep	Oct	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
Papua New Guinea	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00
Thailand	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Sri Lanka	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Mexico	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
Solomon Islands	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
World	5.66	5.56	5.82	5.82	0.00	0.00	0.26	4.68
Oilseed, Palm Kernel								
Indonesia	11.25	11.46	11.70	11.70	0.00	0.00	0.24	2.09
Malaysia	4.75	4.35	4.80	4.80	0.00	0.00	0.45	10.34
Nigeria	0.88	0.82	0.90	0.90	0.00	0.00	0.08	9.76
Thailand	0.75	0.79	0.85	0.85	0.00	0.00	0.06	7.59
Colombia	0.31	0.29	0.30	0.30	0.00	0.00	0.01	3.45
Guatemala	0.17	0.17	0.18	0.18	0.00	0.00	0.01	5.88
Papua New Guinea	0.16	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Cameroon	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Brazil	0.14	0.14	0.15	0.15	0.00	0.00	0.00	0.00
Ecuador	0.11	0.13	0.12	0.12	0.00	0.00	-0.01	-7.69
World	19.30	19.05	19.93	19.93	0.00	0.00	0.88	4.62
Oil, Palm								
Indonesia	42.50	43.50	44.50	44.50	0.00	0.00	1.00	2.30
Malaysia	19.26	17.80	19.70	19.70	0.00	0.00	1.90	10.67
Thailand	2.65	2.80	3.12	3.12	0.00	0.00	0.32	11.43
Colombia	1.53	1.56	1.65	1.65	0.00	0.00	0.09	5.77
Nigeria	1.14	1.28	1.40	1.40	0.00	0.00	0.13	10.24
Guatemala	0.86	0.87	0.88	0.88	0.00	0.00	0.02	2.33
Papua New Guinea	0.56	0.56	0.57	0.57	0.00	0.00	0.00	0.00
Brazil	0.54	0.55	0.55	0.55	0.00	0.00	0.00	0.00
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	72.97	72.86	76.52	76.52	0.00	0.00	3.66	5.02

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	
			Sep	Oct			Sep	Oct			Sep	Oct	MBales	Percent	MBales	Percent
World	34.85	31.41	32.85	32.55	758	777	793	804	121.40	112.16	119.59	120.28	0.70	0.58	8.12	7.24
United States	4.65	3.35	4.02	4.02	932	950	1,004	976	19.91	14.61	18.51	18.00	-0.51	-2.73	3.40	23.25
Total Foreign	30.20	28.06	28.84	28.54	732	757	763	780	101.49	97.55	101.08	102.28	1.20	1.19	4.72	4.84
South Asia																
India	13.50	13.00	12.70	12.40	464	469	489	492	28.80	28.00	28.50	28.00	-0.50	-1.75	0.00	0.00
Pakistan	2.45	2.20	2.00	2.00	551	445	544	708	6.20	4.50	5.00	6.50	1.50	30.00	2.00	44.44
China	3.45	3.25	3.10	3.10	1,720	1,976	1,879	1,879	27.25	29.50	26.75	26.75	0.00	0.00	-2.75	-9.32
South America																
Brazil	1.67	1.37	1.50	1.50	1,802	1,720	1,814	1,814	13.78	10.82	12.50	12.50	0.00	0.00	1.68	15.53
Argentina	0.42	0.45	0.45	0.45	682	668	702	702	1.30	1.38	1.45	1.45	0.00	0.00	0.07	5.07
Paraguay	0.01	0.01	0.01	0.01	416	416	416	416	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Africa																
Burkina Faso	0.58	0.56	0.61	0.61	330	358	339	339	0.88	0.92	0.95	0.95	0.00	0.00	0.04	3.83
Mali	0.74	0.17	0.80	0.80	400	376	404	404	1.35	0.29	1.48	1.48	0.00	0.00	1.19	417.54
Cote d'Ivoire	0.41	0.45	0.46	0.46	528	494	497	497	0.99	1.01	1.05	1.05	0.00	0.00	0.04	3.96
Benin	0.67	0.62	0.62	0.62	467	513	457	457	1.43	1.45	1.30	1.30	0.00	0.00	-0.15	-10.34
Egypt	0.10	0.07	0.10	0.10	664	720	718	718	0.31	0.22	0.33	0.33	0.00	0.00	0.12	53.49
Cameroon	0.25	0.23	0.23	0.23	562	619	568	568	0.65	0.64	0.60	0.60	0.00	0.00	-0.04	-6.25
Tanzania	0.60	0.45	0.60	0.60	216	102	218	218	0.60	0.21	0.60	0.60	0.00	0.00	0.39	185.71
Nigeria	0.15	0.27	0.27	0.27	290	282	282	282	0.20	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Zimbabwe	0.18	0.24	0.21	0.21	230	318	207	207	0.19	0.35	0.20	0.20	0.00	0.00	-0.15	-42.86
Ethiopia	0.08	0.08	0.08	0.08	680	637	637	637	0.25	0.24	0.24	0.24	0.00	0.00	0.00	0.00
Former Soviet Union - 12																
Uzbekistan	1.01	0.98	0.98	0.98	754	782	711	711	3.50	3.50	3.20	3.20	0.00	0.00	-0.30	-8.57
Turkmenistan	0.55	0.55	0.55	0.55	368	368	356	356	0.92	0.92	0.90	0.90	0.00	0.00	-0.02	-2.17
Tajikistan	0.18	0.16	0.17	0.17	708	619	640	640	0.59	0.46	0.50	0.50	0.00	0.00	0.05	9.89
Kazakhstan	0.13	0.11	0.12	0.12	627	534	502	502	0.36	0.27	0.27	0.27	0.00	0.00	-0.01	-1.85
Middle East																
Turkey	0.57	0.35	0.45	0.45	1,318	1,804	1,645	1,742	3.45	2.90	3.40	3.60	0.20	5.88	0.70	24.14
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	0.58	0.58	2,268	2,217	1,780	1,780	0.63	2.80	4.70	4.70	0.00	0.00	1.90	67.86
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	1.90	1.76	1.76	1.76	591	579	572	572	5.16	4.69	4.63	4.63	0.00	0.00	-0.06	-1.24

World and Selected Countries and Regions

TABLE 18

The table below presents a record of the October 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 1.9 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 3.3 percent. The average difference between the October projection and the final estimate is 8.7 million tons, ranging from 0.9 million to 30.7 million tons. The October projection has been below the estimate 26 times and above 14 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
	Percent		---Million metric tons---				
<i>WHEAT</i>							
World	1.6	2.7	7.0	0.1	26.7	28	11
U.S.	0.6	1.0	0.2	0.0	1.2	12	17
Foreign	1.8	3.1	7.0	0.1	26.8	28	11
<i>COARSE GRAINS 2/</i>							
World	1.9	3.2	16.0	0.8	51.9	30	9
U.S.	2.7	4.6	4.9	0.1	17.9	22	17
Foreign	2.5	4.2	15.2	0.6	61.4	31	8
<i>RICE (Milled)</i>							
World	2.2	3.8	6.2	0.0	20.9	30	8
U.S.	3.2	5.5	0.1	0.0	0.5	22	17
Foreign	2.3	3.9	6.2	0.1	21.0	30	9
<i>SOYBEANS</i>							
World	4.3	7.3	6.5	0.1	28.7	19	20
U.S.	2.8	4.8	1.6	0.0	4.0	17	22
Foreign	7.0	11.8	6.3	0.0	28.1	18	21
<i>COTTON</i>			---Million 480-lb. bales---				
World	4.4	7.5	2.9	0.0	10.9	20	18
U.S.	5.4	9.2	0.7	0.0	2.4	22	17
Foreign	5.1	8.6	2.6	0.0	10.5	19	19
UNITED STATES			-----Million bushels-----				
<i>CORN</i>	2.8	4.8	190	5	618	21	18
<i>SORGHUM</i>	4.7	8.0	18	0	71	22	16
<i>BARLEY</i>	1.4	2.4	3	0	24	9	16
<i>OATS</i>	2.5	4.2	2	0	18	6	12

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

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

October 2021

Global Market Analysis, FAS, USDA