



United States
Department of
Agriculture

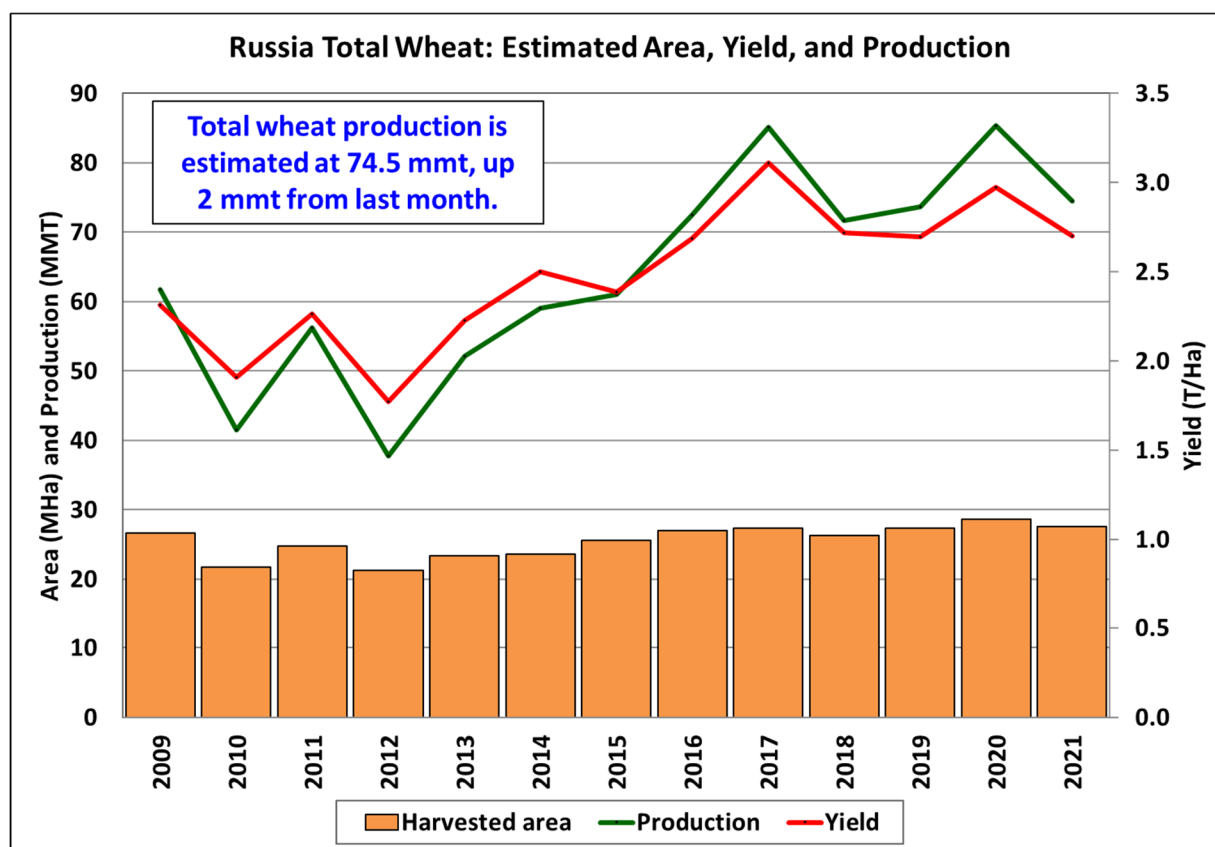
Foreign
Agricultural
Service

Circular Series
WAP 11-21
November 2021

World Agricultural Production

Russia Wheat: Total Production Up Based on Final Harvest Results

Russia wheat production for marketing year 2021/22 is estimated at 74.5 million metric tons (mmt), up 3 percent from last month, but down 13 percent from last year. The estimate includes 51.5 mmt of winter wheat and 23.0 mmt of spring wheat. USDA crop production estimates for Russia are in net weight (not bunker as reported by the Russia Ministry of Agriculture) and exclude estimated output from Crimea. Total wheat yield is estimated at 2.70 tons per hectare, up 4 percent from last month, but down 9 percent from last year. Total harvested area is estimated at 27.6 million hectares, down 1 percent from last month and 4 percent from last year.



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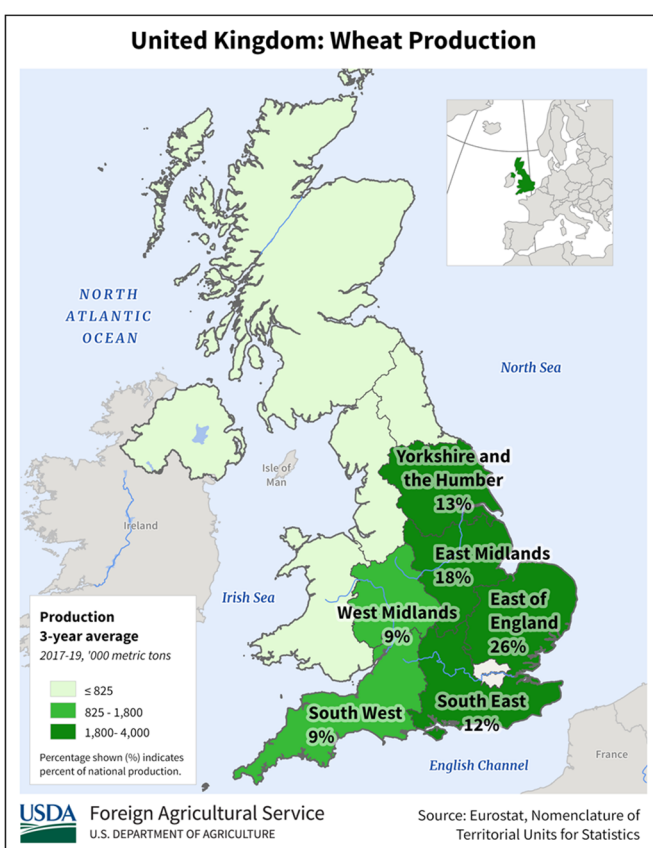
Source: USDA PSD Online

Approved by the World Agricultural Outlook Board

Harvest for both seasons of wheat is essentially complete. Winter and spring wheat harvested areas were revised down month-to-month based on updated harvest data published by the Russia Ministry of Agriculture. The decrease in winter wheat harvested area is largely due to an ice crusting event earlier in the season and the decrease in spring wheat harvested area is due to higher abandonment during the season from drought conditions. Conversely, total wheat yield was revised up relative to last month based on the harvest yield data from the Russia Ministry of Agriculture.

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

United Kingdom Wheat: Production Down Based on Official Data

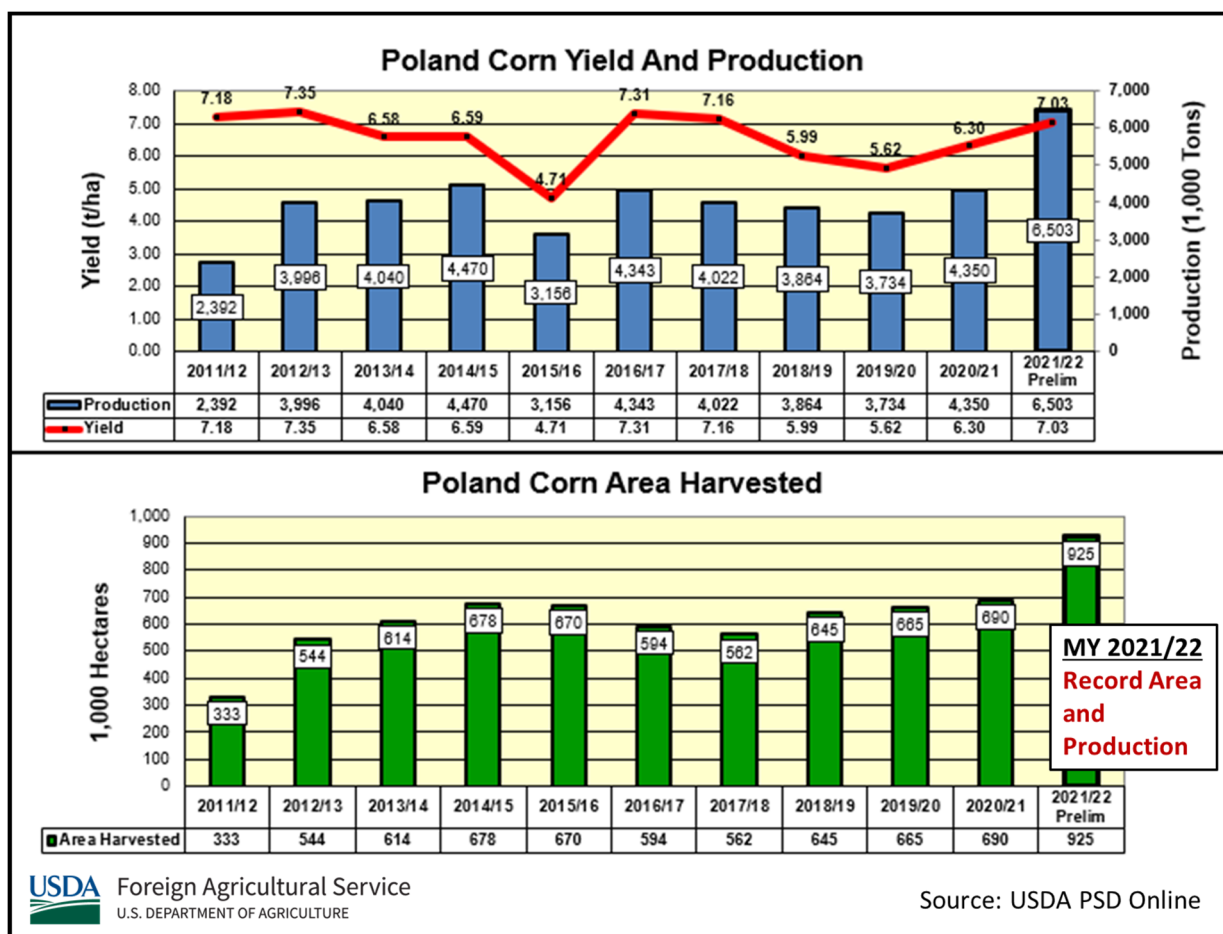


USDA estimates United Kingdom (UK) wheat production for marketing year (MY) 2021/22 at 14.3 million metric tons (mmt), down 0.7 mmt (5 percent) from last month, but up 9.7 mmt (48 percent) from last year's abysmal crop. The MY 2021/22 crop is 0.7mmt (5 percent) above the 5-year average. Harvested area is estimated at 1.8 million hectares (mha), unchanged from last month, but up 0.4 mha (26 percent) from last year. Yield is estimated at 8.17 tons per hectare, down 5 percent from last month, but up 17 percent from last year and up 3 percent from the 5-year average.

The United Kingdom's Department for Environment, Food, & Rural Affairs (DEFRA) recently released preliminary crop estimates which include a wheat crop of 14.0 mmt. USDA reduced the British crop based on this official data, as well as industry sources and weather data. *(For more information, please contact Bryan.Purcell@usda.gov.)*

European Union Corn: Increases in Poland, Romania, and France

European Union (EU) corn for marketing year (MY) 2021/22 is estimated at 67.9 million metric tons (mmt), up 1.6 mmt or 2 percent from last month, 5 percent from last year, and 6 percent from the 5-year average. Harvested area is estimated at 9.1 million hectares (mha), 2 percent above last month. Yield is estimated at 7.48 tons per hectare (t/ha), 1 percent above last month and 5 percent above last year.

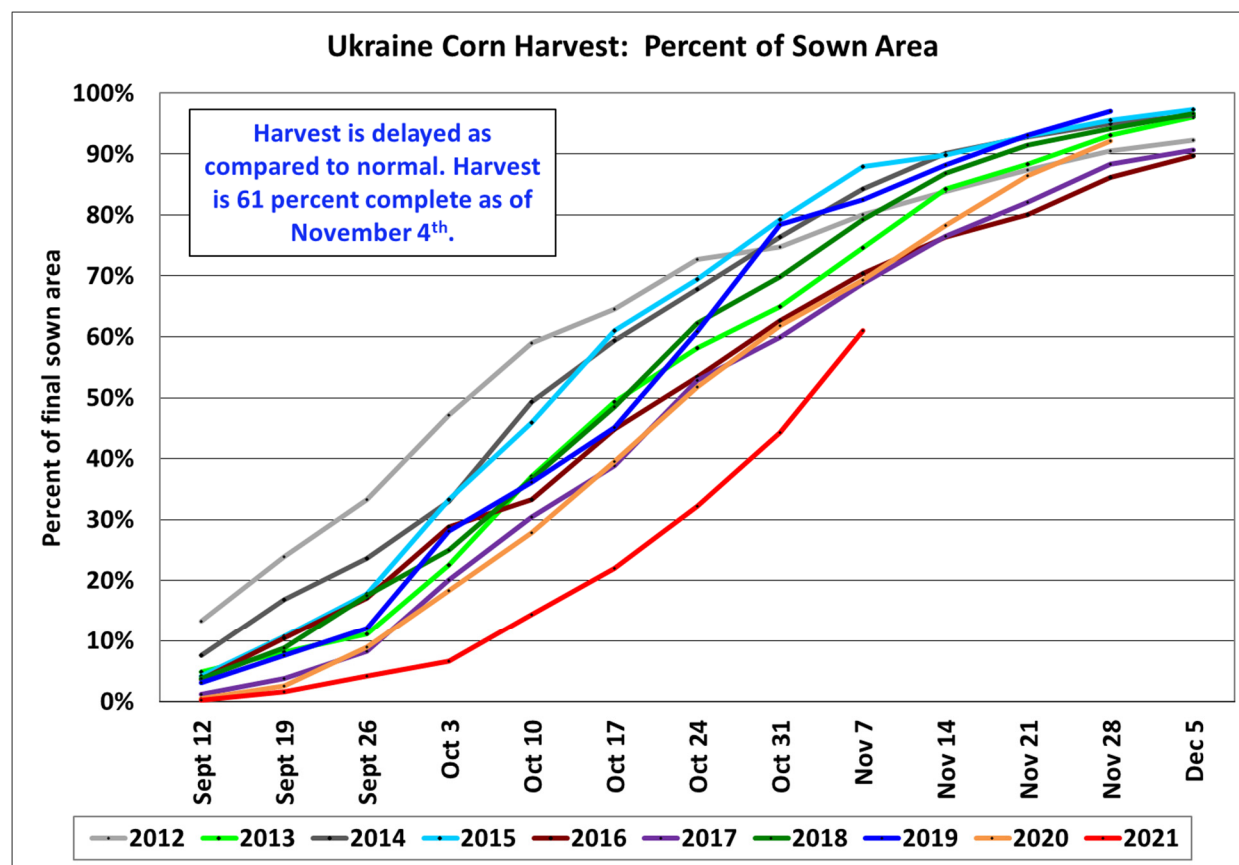


Increases to the MY 2021/22 EU corn crop include a large 100,000-hectare revision to Polish area, which in turn, led to a 0.7 mmt increase in Polish production. There was no change in the estimate of 7.03 t/ha yield. High market prices for corn led to an unusually large sown area, while favorable rains and moderate temperatures led to higher yields. Poland's MY 2021/22 area of 0.9 mha is a record, significantly above the previous record set in MY 2020/21 when 0.7 mha was planted. The area revision is based on recently released official Polish data.

The Romanian crop is estimated to be up 0.6 mmt from last month to 12.5 mmt. This crop is 1.8 mmt above last year and 0.3 mmt above the 5-year average. Weather during 2021 was highly variable in Romania, with the worst conditions – drought and heat – concentrated in the west, while the best conditions – with ample rain – occurred in the intensely cultivated southeast.

Finally, MY 2021/22 production was increased in the EU's largest corn producer, France, by 0.3 million tons to 14.3 mmt. The change also includes an area increase of 35,000 hectares to 1.5 mha. This revised data is based on the latest statistics released by the French Farm Office. The crop is estimated to have a bumper yield of 9.65 t/ha, compared to the 5-year average of 8.80 t/ha. The harvest progress in France has been behind average and is still ongoing. *(For more information, please contact Bryan.Purcell@usda.gov.)*

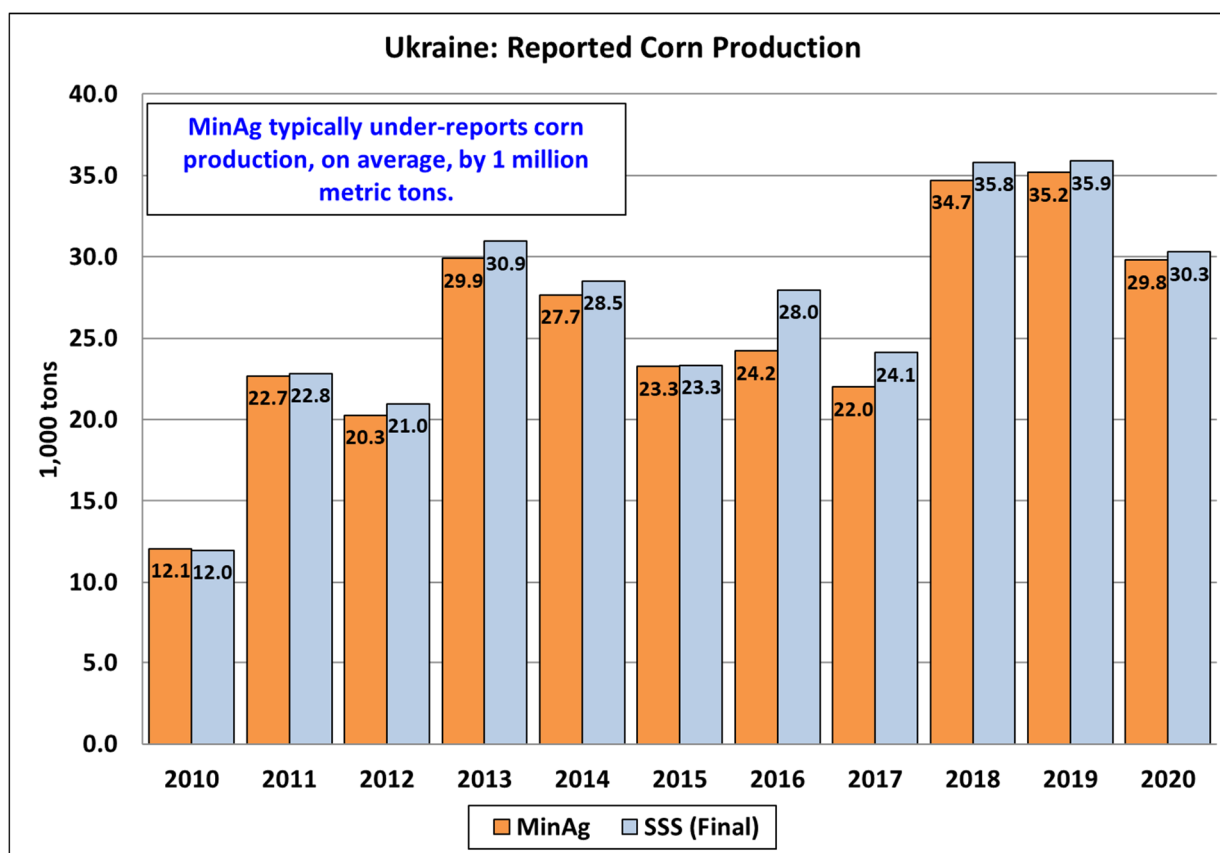
Ukraine Corn: Mid-Season Harvest Results Keep Yield Stable



USDA Foreign Agricultural Service
U.S. DEPARTMENT OF AGRICULTURE

Source: Ukraine Ministry of Agriculture

Ukraine corn production for marketing year 2021/22 is estimated at 38.0 million metric tons (mmt), unchanged from last month, but up 25 percent from last year. Yield is estimated at 7.01 tons per hectare (t/ha), unchanged 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.



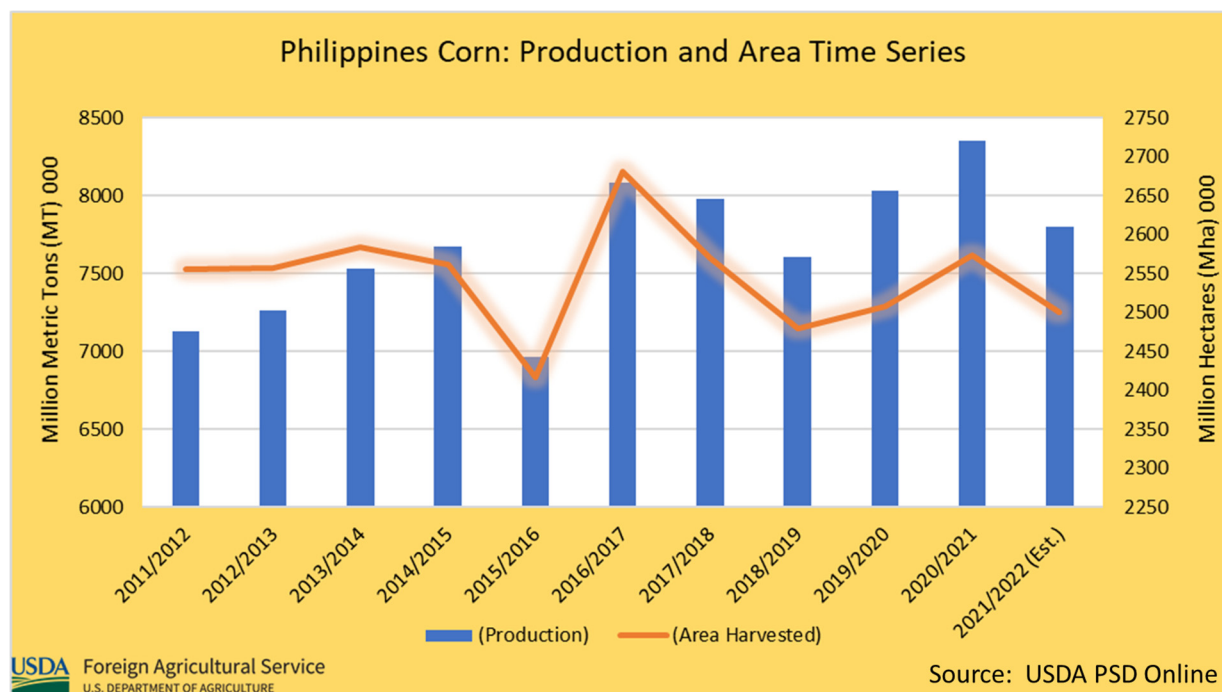
Foreign Agricultural Service
 U.S. DEPARTMENT OF AGRICULTURE

Sources: Ukraine Ministry of Agriculture (MinAg) and
 State Statistics Service (SSS)

Yield is unchanged month-to-month based on mid-season harvest progress data from the Ukraine Ministry of Agriculture. As of November 4th, harvest is 61 percent complete with a cumulative yield currently estimated at 6.82 t/ha. Harvest is delayed this year due to wetter-than-normal weather throughout September. Normally harvest progress is around 75 percent complete by early November. Yields typically increase throughout harvest because the harvest begins in the lower-yielding southern regions and moves to the northern higher-yielding regions. The Ministry of Agriculture data, however, typically under-reports corn production, on average, by about 1 mmt. 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.)*

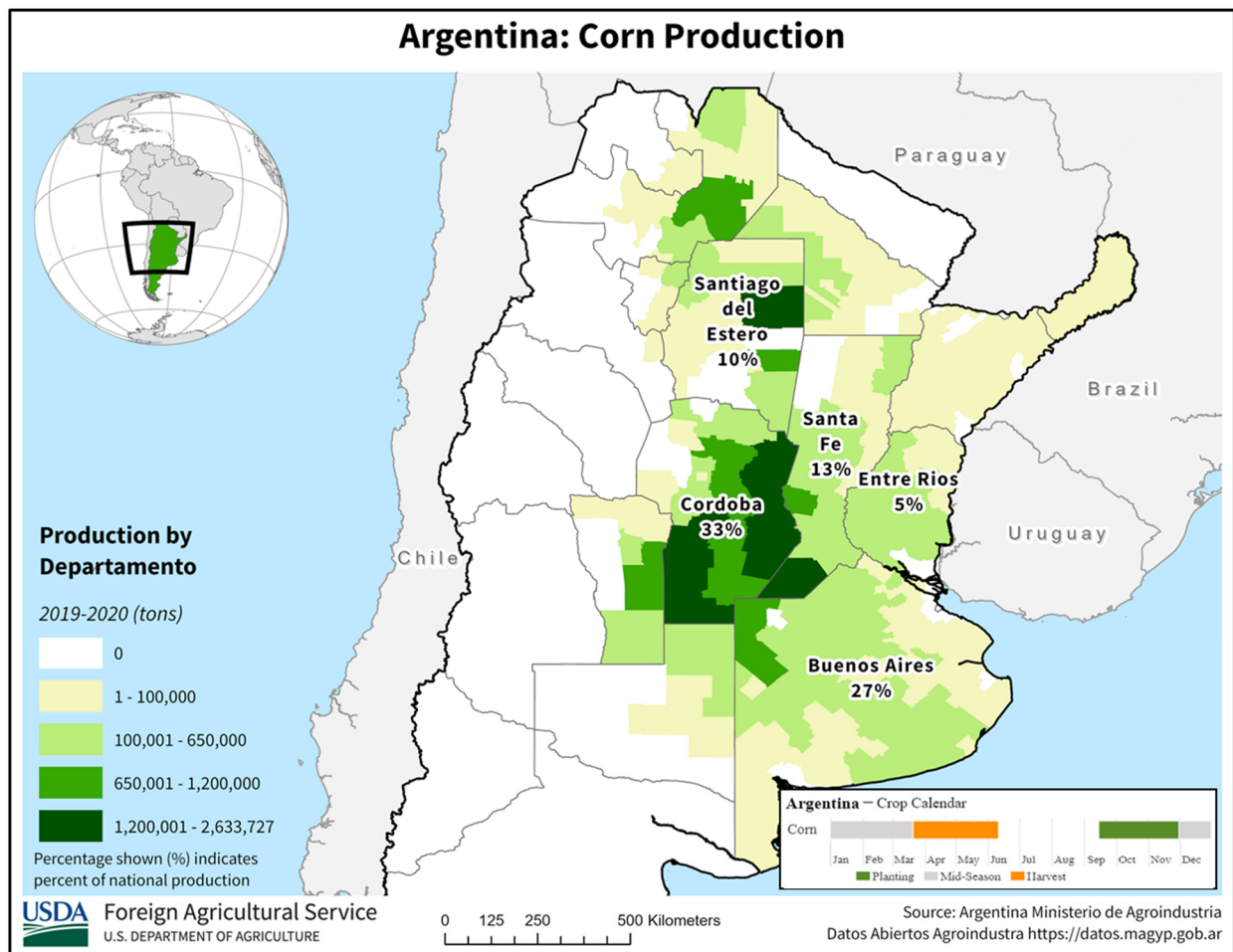
Philippines Corn: Quarter Three Production Lower Than Expected

USDA estimates marketing year 2021/22 Philippines corn production at 7.8 million metric tons, down 3 percent from last month and down 7 percent from last year. Area harvested is estimated at 2.5 million hectares, unchanged from last month, but down 3 percent from last year. Philippines corn production and area declines are primarily due to unfavorable market prices as imports of feed corn have driven domestic corn prices to low levels. Although local corn production costs have been lower, profit margins have continued to decrease since 2018. Additionally, African Swine Fever has caused a reduction in hog and broiler feed consumption, which has swayed farmers decisions to plant less corn this year. Yield is estimated at 3.12 tons per hectare, down 3 percent from last month and down 4 percent from last year's record.

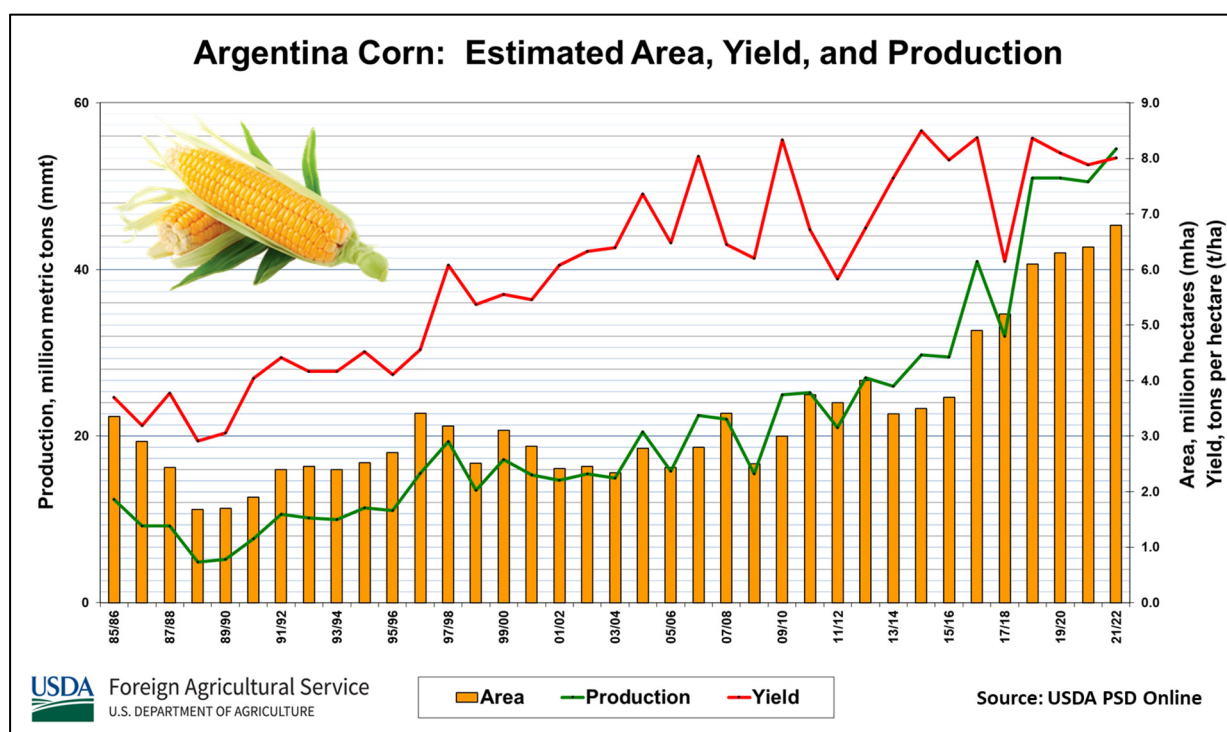


Philippines corn output is reported quarterly. USDA's Philippines corn marketing year begins with quarter three, July through September, which reflects the highest corn quarterly output at 32 percent of national production. (For more information, please contact Justin.Jenkins@usda.gov.)

Argentina Corn: Despite Seasonal Dryness, More Area Expected



Marketing year 2021/22 Argentina corn area is forecast higher based on better gross returns for corn and corn seed with a wide array of maturities. Corn area is estimated at 6.8 million hectares, 5 percent higher than last month and 6 percent higher than last year. Corn production is expected to be at 54.5 million metric tons, up 3 percent from last month and up 8 percent from last year. Yield is set at 8.01 tons per hectare, down 2 percent from last month, but up 2 percent from last year.

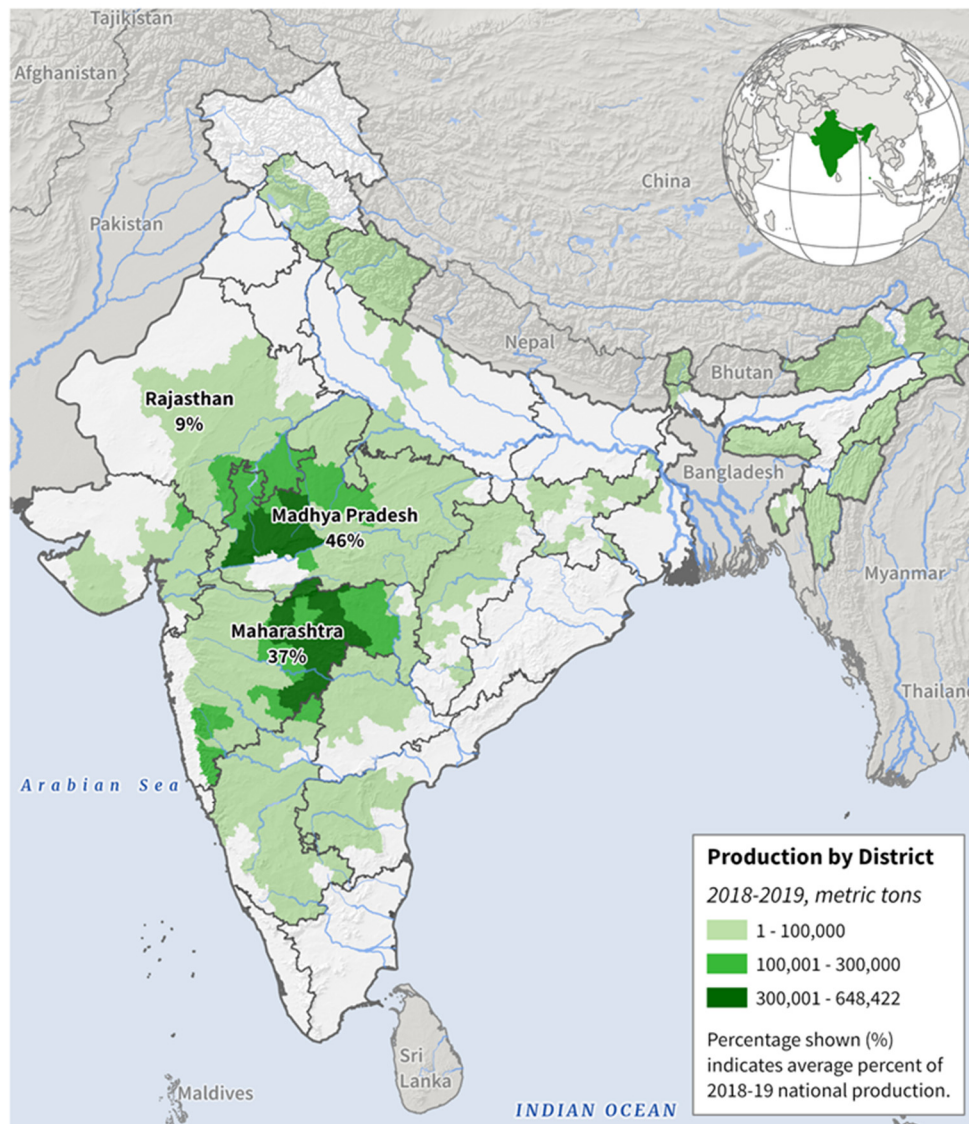


Recent rainfall has helped early planted corn, but rains have not replenished soil moisture reserves enough; there is concern about potential yield. More corn is expected to be planted late in the cycle to avoid flowering in late December and early January when it is often very hot and dry. Later-planted corn tends to flower in February when rainfall is typically more abundant. Early hybrids could benefit farmers this season because of improved dry down and stalk strength. However, early hybrids have lower yield potential. Additionally, early hybrids have less stay-green, and limited stacked-gene selections. *(For more information, please contact Denise.McWilliams@usda.gov.)*

India Soybeans: Production Up Despite Lower Planted Area

USDA estimates India marketing year (MY) 2021/22 soybean production at 11.9 million metric tons, up 8 percent from last month and up nearly 14 percent from last year. Area is estimated at 12.5 million hectares, unchanged from last month but down nearly 2 percent from MY 2020/21. Yield is estimated at 0.95 metric tons per hectare, up 8 percent from last month, and up nearly 16 percent from last year.

India: Soybean Production



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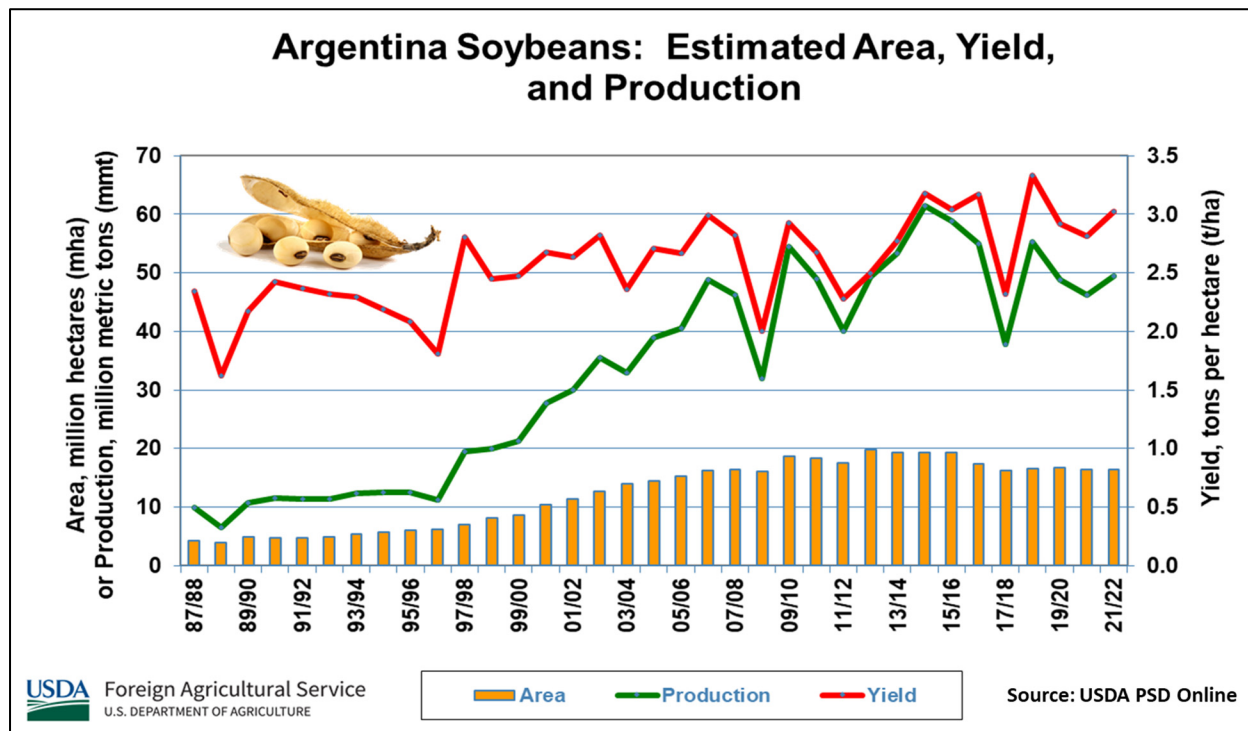
Source: India Ministry of Agriculture,
Directorate of Economics and Statistics,
Market Year 2018/19 data by districts

The underperforming 2021 southwest monsoon along with high temperatures delayed *kharif* planting by over a month. Rainfall was below average at planting and during the vegetative period, however favorable rains in August and September boosted the crop while it entered the flowering stage. Satellite-derived Normalized Difference Vegetation Index (NDVI) from September showed above-average crop vigor in the major soybean areas of Madhya Pradesh, Maharashtra, and Rajasthan.

Soybeans are produced only in the *kharif* season. Madhya Pradesh, Maharashtra, and Rajasthan produce roughly 94 percent of total soybean production. Soybeans are harvested from late October through November. (For more information, please contact Arnella.Trent@usda.gov.)

Argentina Soybeans: Dry Conditions and Export Taxes Limit Planted Area

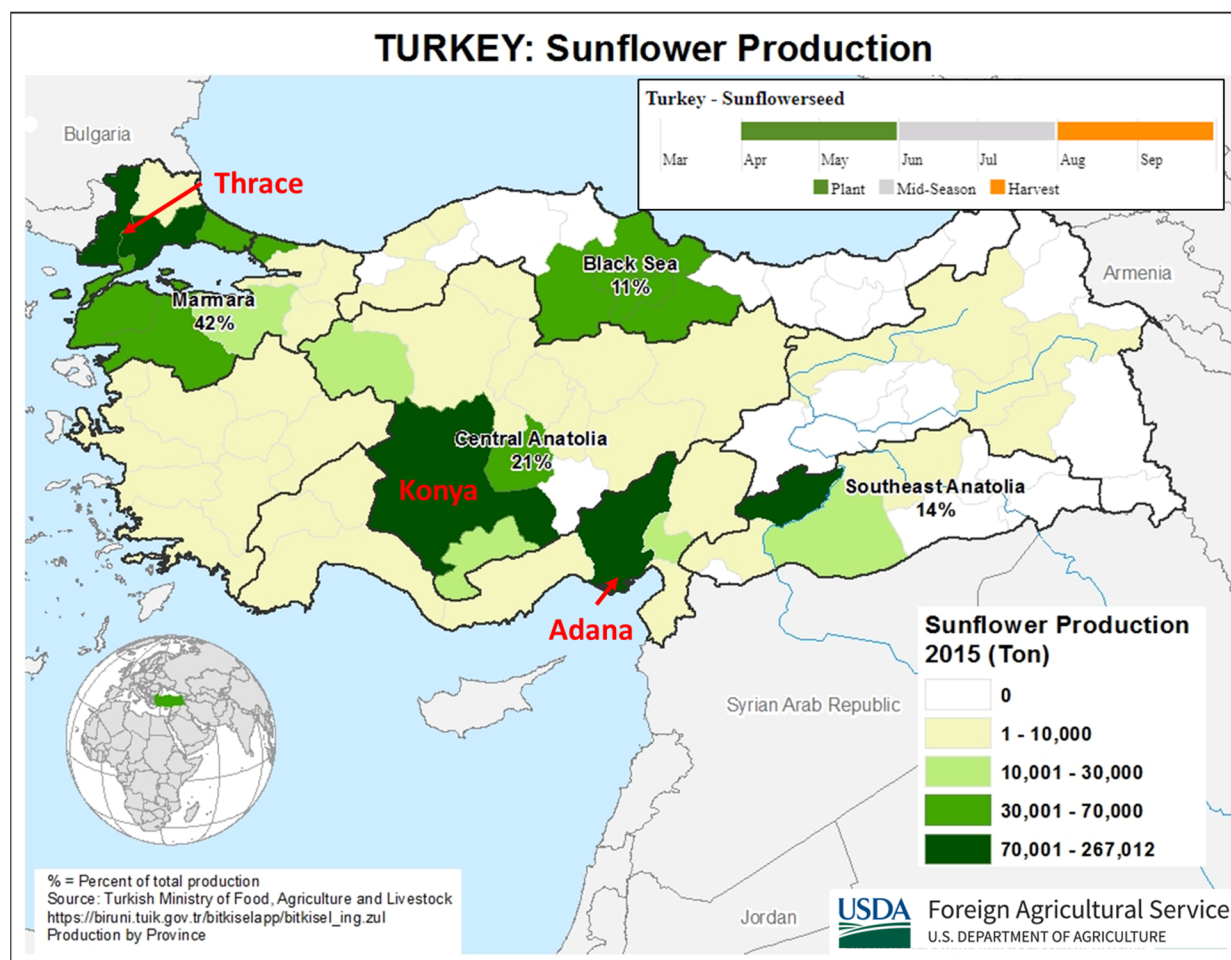
USDA forecasts Argentina soybean production for marketing year 2021/22 at 49.5 million metric tons, down 3 percent from last month, but up 7 percent from last year. Area is estimated at 16.4 million hectares, down 3 percent from last month and down less than 1 percent from last year. Yield is set at 3.02 tons per hectare, unchanged from last month, but up 8 percent from last year.



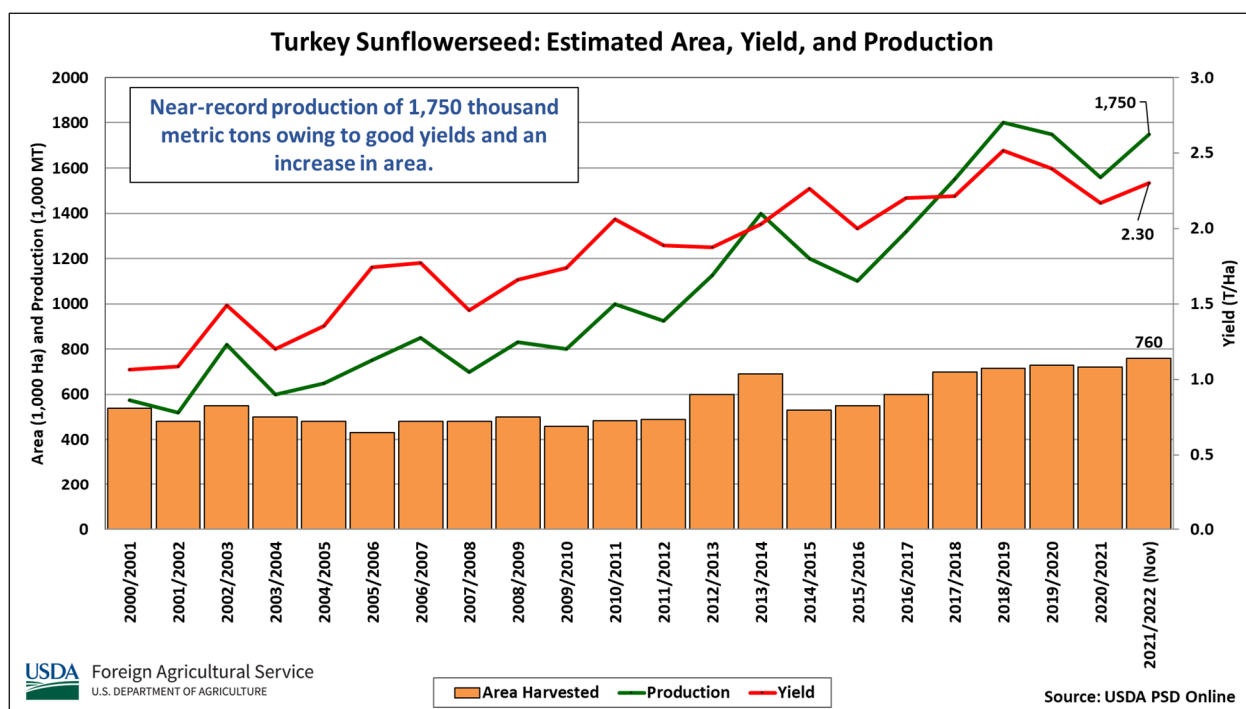
Soybean planting expectations have decreased with farmers favoring corn as soybean prices have declined relative to corn. In addition, corn has a wide array of maturities and the increased hybrid maturity selection provides farmers more flexibility. Although soybeans are seeded and produced at a lower cost of production, they do not have the profit margin that corn currently has due to pricing. Argentina export taxes of 31 to 33 percent on soybeans subtracts from the profit margin. Raw soybeans are taxed at 33 percent. Soy oil and soy meal are taxed at 31 percent. Soybean planting continues, but low soil moisture requires more rainfall to replenish depleted reserves. *(For more information, please contact Denise.McWilliams@usda.gov.)*

Turkey Sunflower: High Production Despite Seasonal Dryness

USDA estimates sunflower production for marketing year (MY) 2021/22 at 1,750 thousand metric tons, up 12 percent from last year, but down 3 percent from last month. Production is the second highest on record, matching MY 2019/20. The area is estimated at 760,000 hectares, up 6 percent from last year. The yield is estimated at 2.30 metric tons per hectare, which is the third highest on record.



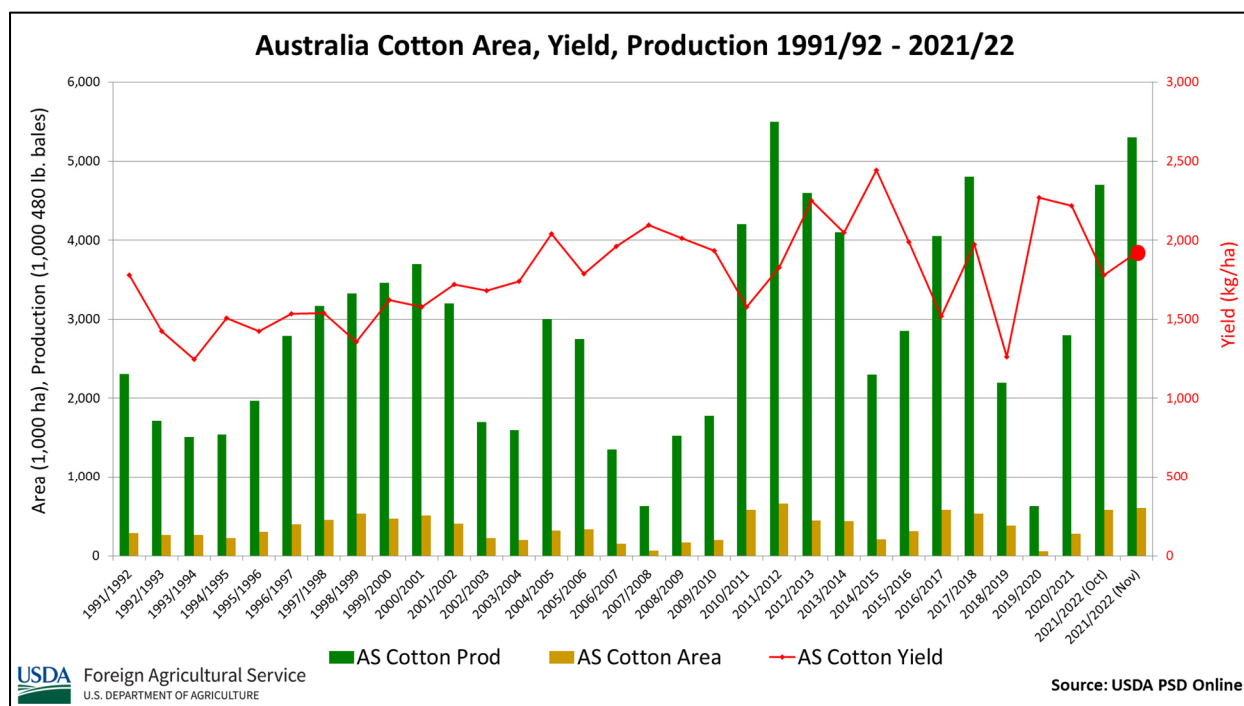
Sunflower is the most important oil crop in Turkey. It is mainly grown in the Konya province (Central Anatolia), the Thrace area (the European part of the Marmara region) and the Adana province in the Çukurova region. Sunflower is typically planted between April and May and harvested between August and September. Generally, sunflower tolerates drier conditions better than other crops, thus, a large portion of the sunflower grown in Turkey is cultivated in non-irrigated fields.



As reported by USDA's Office of Agricultural Affairs in Ankara, Turkey, sunflower planting started two weeks later than normal due to unfavorable weather. Some of the non-irrigated fields in the Marmara region were partially impacted by this year's dry and hot weather. Despite these problems, production is the second highest on record owing to good overall yields and an increase in area. (For more information, please contact Iliana.Mladenova@usda.gov.)

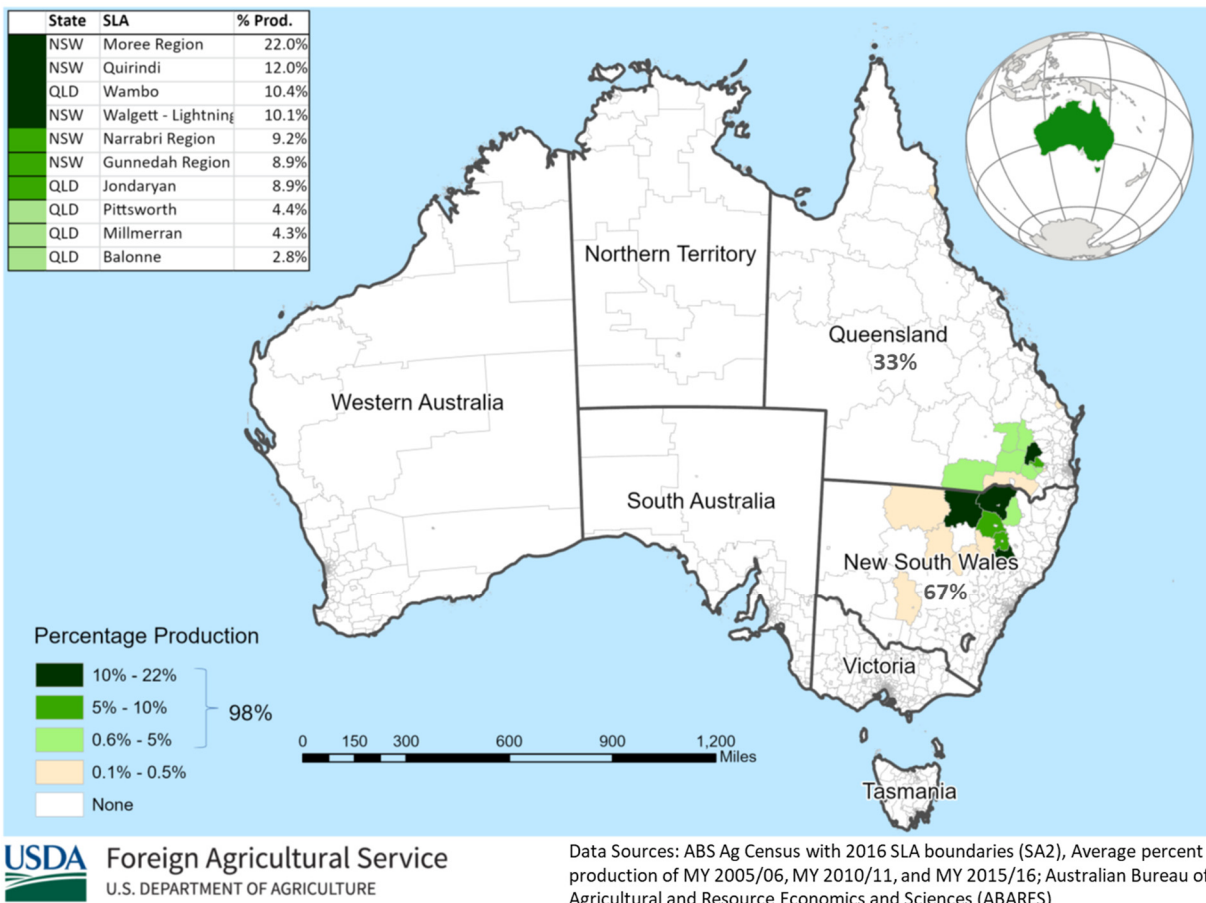
Australia Cotton: Production Revised Up Due to Increased Water Storage

Australia's marketing year 2021/22 cotton production is forecast at 5.3 million 480-pound bales, up 0.6 million bales from last month, and up 2.5 million bales or 89 percent from last year. Harvested area is forecast at 600,000 hectares (ha), up 25,000 ha from last month, and up 325,000 ha or 118 percent from last year. Yield is forecast at 1,923 kilograms per hectare, up 8 percent from last month. Yield is expected to increase because of a forecast decrease in the share of the total area sown to dryland cotton this season as compared to last. Irrigated cotton yields are substantially higher than dryland yields, and the difference widens in low rainfall years.



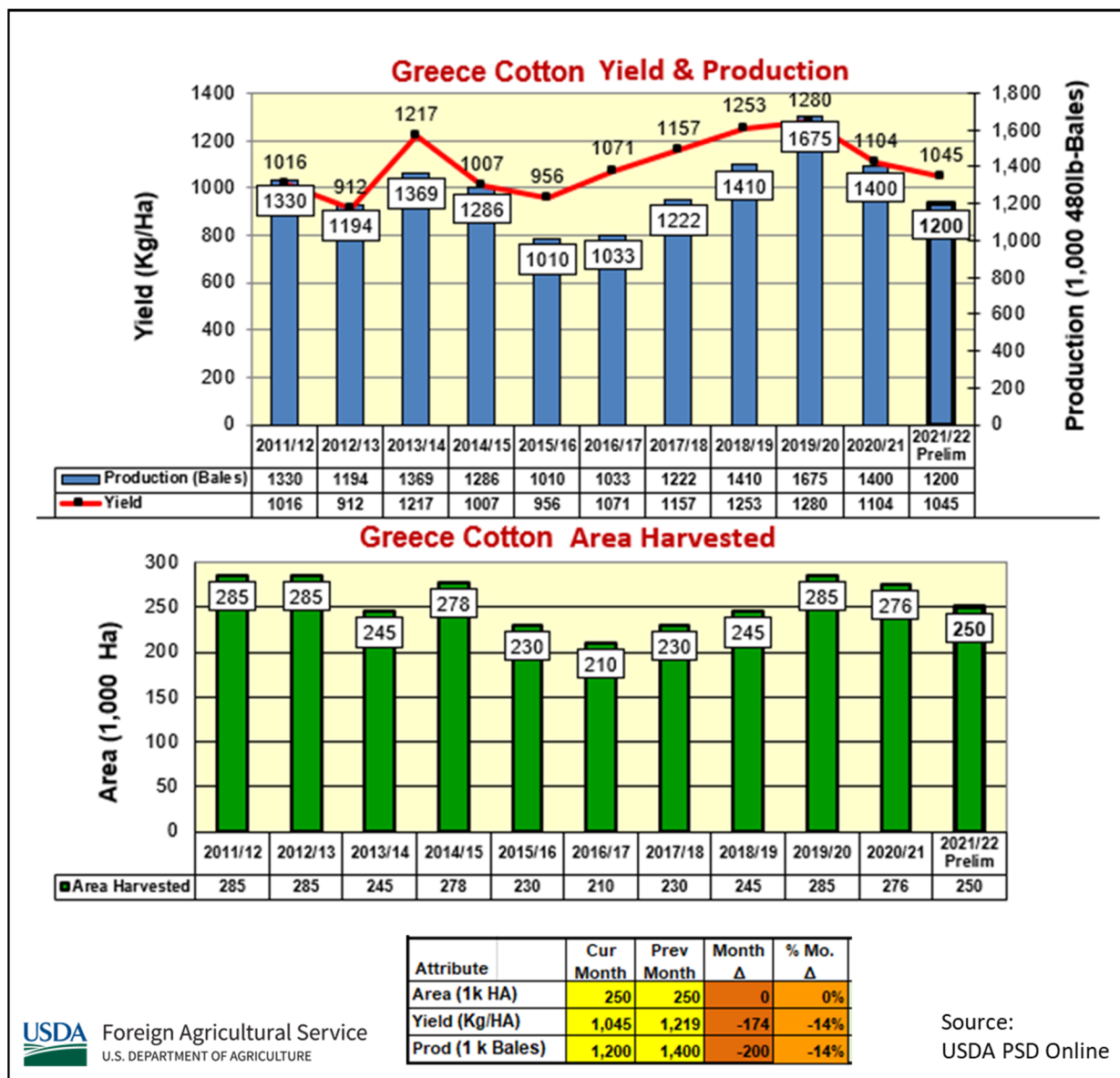
Irrigated cotton area comprises about 90 percent of Australia's total cotton production. Dryland cotton planting tends to vary with the seasonal weather forecast and prices at sowing. This will be the first time in several years that significant area has been planted to dryland cotton. Above-average rainfall this season has increased water storage for irrigated cotton and provided adequate soil moisture in dryland cotton areas. Irrigated cotton area is forecast to increase, reflecting increased water storage levels in reservoirs supplying cotton growing regions. Also, higher world cotton prices motivated producers to expand total plantings.

Australia: Cotton Production

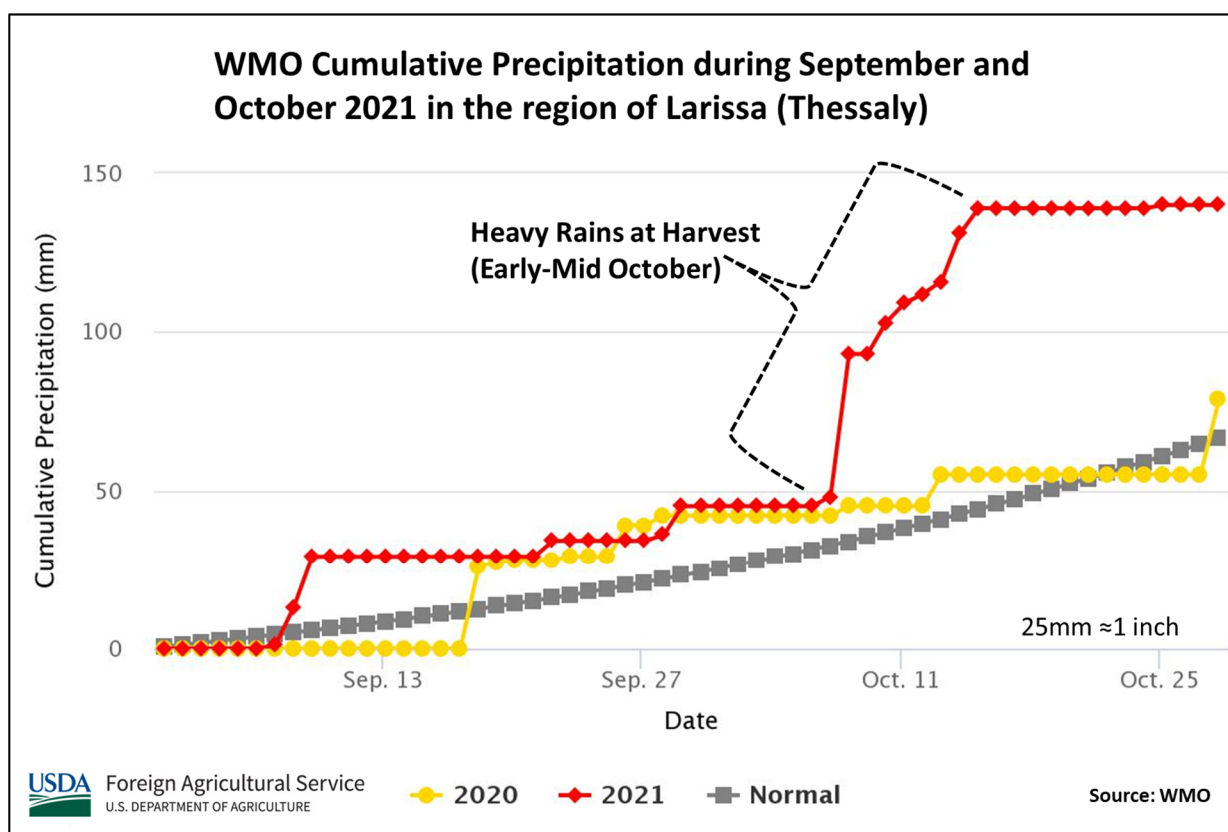


Sorghum and cotton are the two dominant summer crop options in eastern Australia. Cotton planting began in September with October being the primary planting month. Typically harvest begins in March and peaks in April. The two major cotton producing states are New South Wales (67 percent) and Queensland (33 percent) based on the current five-year average. *(For more information, please contact James.Crutchfield@usda.gov.)*

Greece Cotton: Rains Soak Open Bolls at Harvest, Lowering Both Quality and Production



Greece cotton production for marketing year 2021/22 is estimated at 1.2 million 480-pound bales, down 14 percent from last month and last year. Area is estimated at 250,000 hectares (ha), unchanged from last month, but down 9 percent from last year and analogous to the 5-year average. Yield is estimated at 1,045 kilograms per hectare (kg/ha), down 14 percent from last month, 5 percent from last year and 11 percent from the 5-year average.

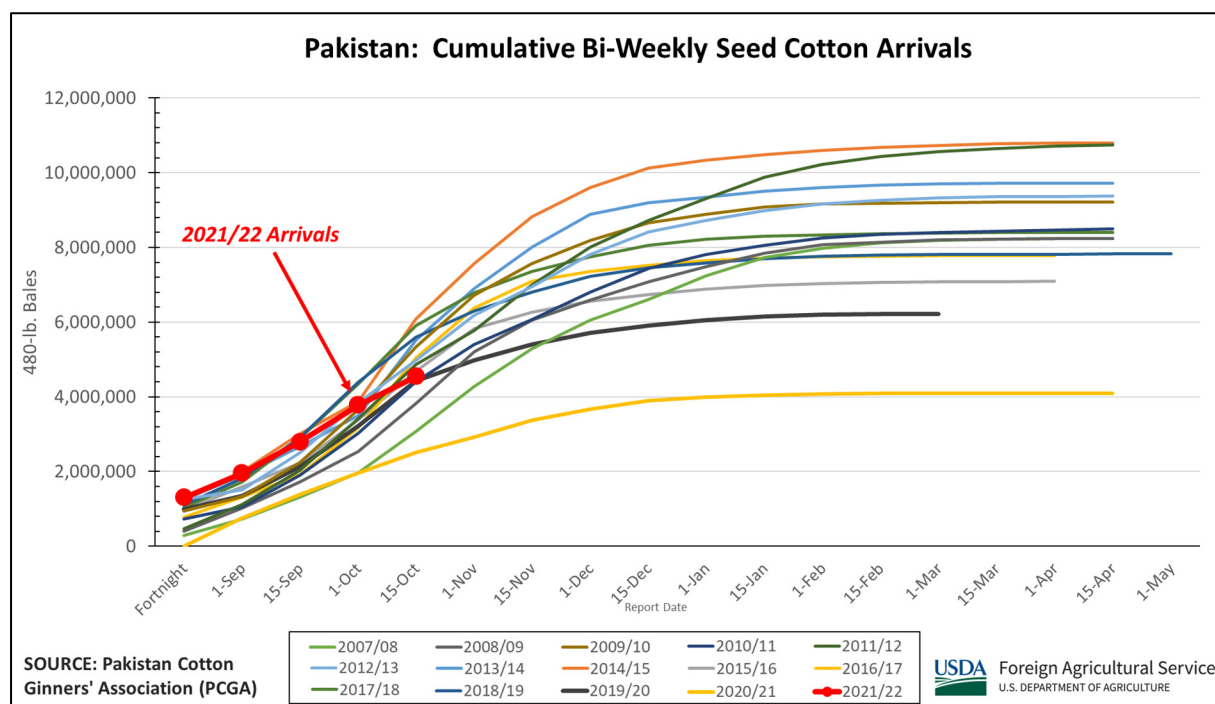


Heavy rains negatively impacted the Greek cotton crop for the second year in a row. This season the excessive rains were more widespread than in 2020. This year's rains occurred in October, interrupting harvest, compared to last year when they arrived in September, just prior to harvest. October 2021 was one of Greece's wettest Octobers in 30 years. A large, almost stationary storm system brought deluges of rain to Greece during the week of October 7 to 16. Rainfall averaged about 50 to 120 mm (2-5 inches), but heavy downpours

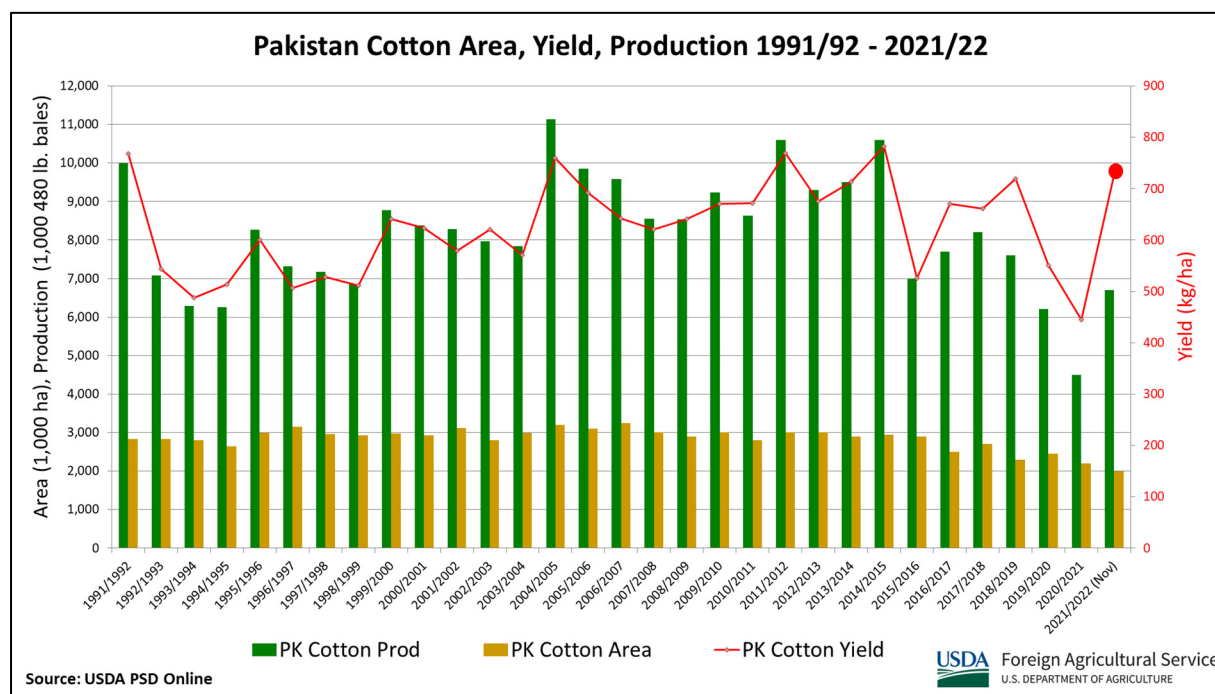
led to much higher totals in a number of locales. The delayed harvest is ongoing and should be concluding soon, thanks to a recent return to drier weather. Greece is the predominant cotton producer in the European Union (EU), comprising over 80 percent of the EU's total crop. (For more information, please contact Bryan.Purcell@usda.gov.)



Pakistan Cotton: Production Revised Up Due to Arrivals



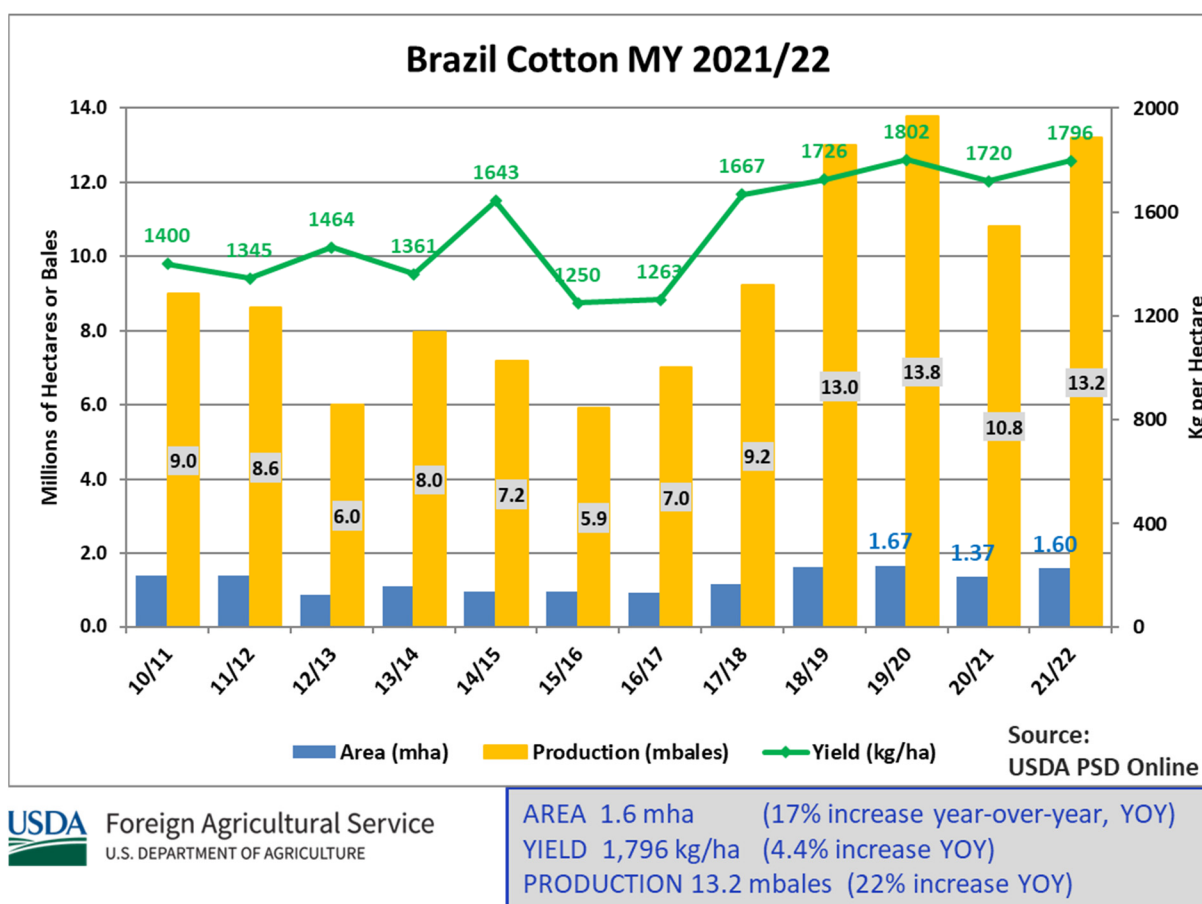
USDA estimates Pakistan's cotton production for marketing year 2021/22 at 6.7 million 480-pound bales, up 0.2 million bales from last month and 2.2 million bales from last year. Harvested area is estimated at 2.0 million hectares, unchanged from last month, but down 0.2 million hectares from last year. Yield is estimated at 729 kilograms per hectare, up 3 percent from last month and 64 percent from last year's 30-year low.



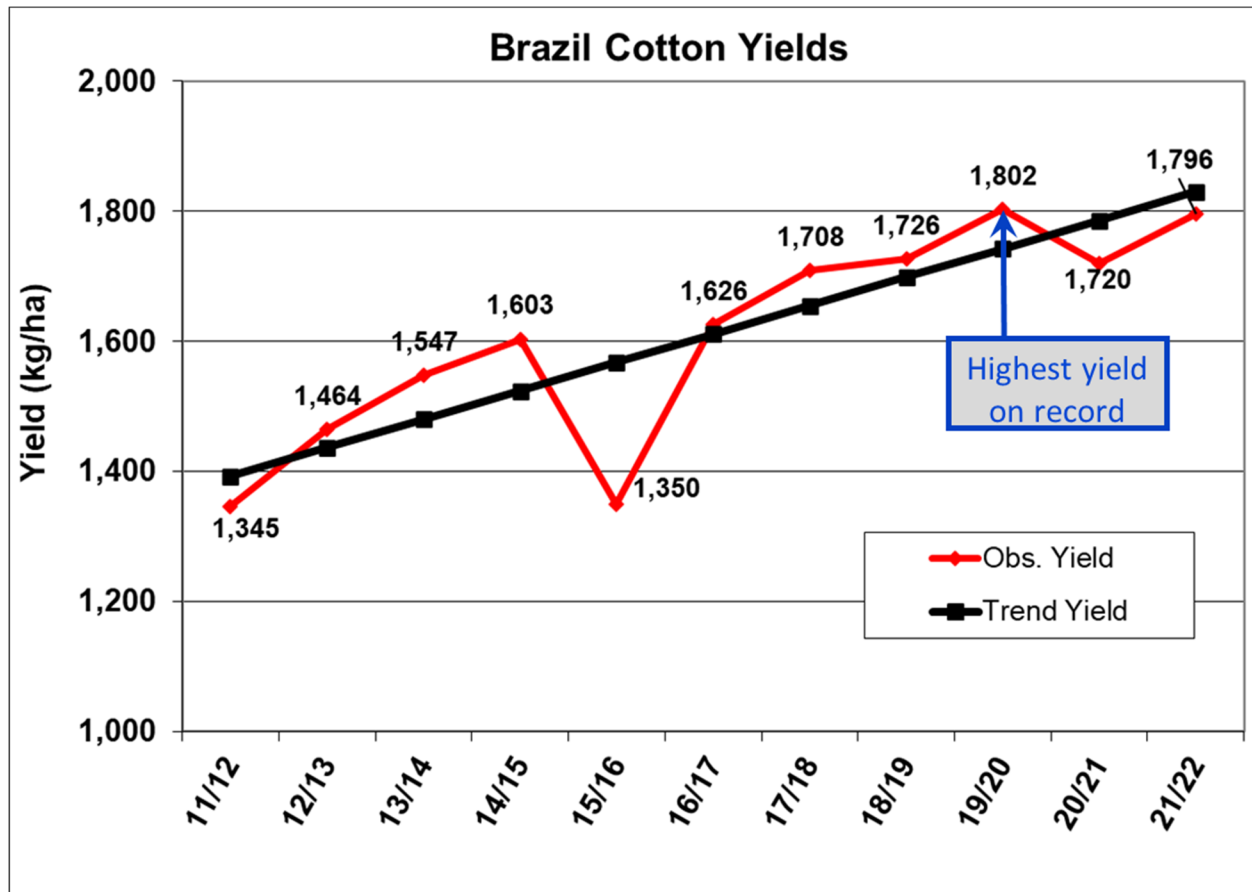
Production is revised up due to greater-than-anticipated arrivals. At the beginning of November, cumulative seed cotton arrivals at gins are 91 percent higher than the same time last year, according to the Pakistan Cotton Ginner's Association. At the provincial level the arrivals are up 70 percent in Punjab and up 93 percent in Sindh. Cotton planting began in April. Harvest began in August and is now more than half complete. Peak harvest typically occurs in October. The two major cotton producing provinces are Punjab (67 percent) and Sindh (33 percent) based on the current five-year average. *(For more information, please contact James.Crutchfield@usda.gov.)*

Brazil Cotton: Recovery of Cotton Production Driven by Larger Area

Brazil's marketing year (MY) 2021/22 cotton production is forecast at 13.2 million 480-pound bales, larger by 0.7 million bales (6 percent) from last month, and up 2.4 million bales (22 percent) from the MY 2020/21 production. Harvested cotton area is estimated at 1.6 million hectares (mha), larger by 0.1 mha (7 percent) from last month, and 17 percent greater than last season. Cotton yield is forecast at 1,796 kilograms per hectare (kg/ha), 5 percent above the 5-year average of 1,716 kg/ha.



A sharp rise in cotton prices this October, prior to planting, incentivizes producers to plant a larger cotton area this season, following the area reduction due to the pandemic slowdown last season. Cotton yields have been above the 10-year trend for 4 of the past 5 years due to technological improvements. Last year, the yield decline was due to a late planted crop in Mato Grosso.



USDA Foreign Agricultural Service
U.S. DEPARTMENT OF AGRICULTURE

Source: USDA PSD Online

Planting begins in November for the full season cotton crop in Bahia (about 20 percent of national production). However, the majority of Bahia cotton is grown in the western *cerrado* where sowing begins after mid-November. In the state of Mato Grosso (70 percent of national production), the first cotton crop is sown starting in November, with the majority (90 percent) of the state's production sown as a second crop after the soybean harvest from January through February. With soybean planting off to a timely start, the expectation is that second crop cotton in Mato Grosso will be planted within the ideal planting window. *(For more information, please contact Sunita.Yadav-Pauletti@usda.gov.)*



World Agricultural Production
U.S. Department of Agriculture

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

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

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



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

FAS Reports and Databases:

World Agricultural Production

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

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

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

World Markets and Trade

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

Archive:

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

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

Global Agricultural Information Network (GAIN)

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

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

Production, Supply and Distribution (PS&D) Online

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

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

EU Countries and Russia Wheat: Area and Production Estimates

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

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



FAS Reports and Databases:

International Production Assessment (IPAD)

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

USDA's Foreign Agricultural Service (FAS) maintains a dynamic global crop production portal with key information including *World Agricultural Production* (WAP) briefs, Commodity Intelligence Reports (CIR), geospatial applications, crop production maps at a subnational level and crop calendars for the top-20 producing countries. Additionally, Crop Explorer (<https://ipad.fas.usda.gov/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		Europea n	Asia (WAP)					South America		Selected Other			All Others	
			United States	Canada -	Mexico -	Russia -	Ukraine -		China -	India -	Indo- nesia	Paki- stan	Thai- land	Argen- tina	Brazil -	Aus- tralia	South Africa	Turkey -		
Wheat	---Million metric tons---																			
	2019/20	762.2	709.6	52.6	32.7	3.3	73.6	29.2	nr	133.6	103.6	0.0	24.3	0.0	19.8	5.2	14.5	1.5	17.5	250.9
	2020/21 prel.	774.7	724.9	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.																			
	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
	Nov	775.3	730.5	44.8	21.0	3.2	74.5	33.0	nr	136.9	109.5	0.0	27.0	0.0	20.0	7.9	31.5	2.1	16.3	247.6

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	215.57	221.17	223.60	223.33	3.54	3.50	3.47	3.47	762.21	774.66	775.87	775.28	-0.59	-0.08	0.62	0.08
United States	15.13	14.89	15.04	15.04	3.47	3.34	2.98	2.98	52.58	49.75	44.79	44.79	0.00	0.00	-4.96	-9.97
Total Foreign	200.44	206.28	208.56	208.29	3.54	3.51	3.51	3.51	709.63	724.91	731.08	730.49	-0.59	-0.08	5.58	0.77
European Union	24.36	23.08	23.98	24.05	5.69	5.46	5.81	5.75	138.74	126.01	139.40	138.40	-1.00	-0.72	12.39	9.83
United Kingdom	1.80	1.39	1.75	1.75	8.69	6.96	8.57	8.17	15.60	9.66	15.00	14.30	-0.70	-4.67	4.64	48.06
Serbia	0.57	0.59	0.60	0.60	4.56	4.58	5.50	5.50	2.60	2.70	3.30	3.30	0.00	0.00	0.60	22.22
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	27.60	2.70	2.98	2.59	2.70	73.61	85.35	72.50	74.50	2.00	2.76	-10.85	-12.72
Russia Winter	15.41	16.63	15.20	15.00	3.41	3.77	3.32	3.43	52.54	62.69	50.50	51.50	1.00	1.98	-11.19	-17.85
Russia Spring	11.91	12.06	12.80	12.60	1.77	1.88	1.72	1.83	21.07	22.67	22.00	23.00	1.00	4.55	0.34	1.48
Ukraine	7.02	6.85	7.40	7.40	4.16	3.71	4.46	4.46	29.17	25.42	33.00	33.00	0.00	0.00	7.58	29.82
Kazakhstan	11.34	12.08	12.70	12.70	1.01	1.18	0.94	0.94	11.45	14.26	12.00	12.00	0.00	0.00	-2.26	-15.82
Uzbekistan	1.40	1.40	1.40	1.40	4.86	4.43	4.29	3.93	6.80	6.20	6.00	5.50	-0.50	-8.33	-0.70	-11.29
Belarus	0.69	0.72	0.65	0.65	3.33	3.94	3.54	3.54	2.31	2.85	2.30	2.30	0.00	0.00	-0.55	-19.24
Canada	9.66	10.02	8.50	8.50	3.38	3.51	2.47	2.47	32.67	35.18	21.00	21.00	0.00	0.00	-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	2.93	2.93	5.20	6.25	7.90	7.90	0.00	0.00	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	2.64	2.64	4.03	2.56	7.54	7.54	0.00	0.00	4.98	194.53
Algeria	2.07	2.08	2.08	2.08	1.90	1.88	1.73	1.73	3.95	3.90	3.60	3.60	0.00	0.00	-0.30	-7.69
Ethiopia	1.79	1.85	1.90	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	7.05	2.50	2.57	2.36	2.30	17.50	18.25	16.50	16.25	-0.25	-1.52	-2.00	-10.96
Iran	6.20	6.00	6.40	6.40	2.51	2.50	2.11	2.11	15.55	15.00	13.50	13.50	0.00	0.00	-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	5.77	5.77	3.27	2.97	3.20	3.20	0.00	0.00	0.24	7.93
Others	7.39	7.36	7.63	7.64	2.77	2.76	2.81	2.79	20.50	20.29	21.44	21.30	-0.14	-0.67	1.00	4.95

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	334.49	344.46	339.26	339.99	4.23	4.15	4.40	4.41	1,416.30	1,430.45	1,493.96	1,499.01	5.05	0.34	68.56	4.79
United States	36.17	36.81	38.24	38.24	9.94	10.13	10.38	10.41	359.43	372.89	396.85	397.95	1.10	0.28	25.06	6.72
Total Foreign	298.32	307.65	301.02	301.75	3.54	3.44	3.64	3.65	1,056.86	1,057.56	1,097.11	1,101.06	3.95	0.36	43.50	4.11
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	28.73	29.40	28.69	28.70	5.32	5.24	5.37	5.41	152.73	153.93	154.15	155.30	1.15	0.75	1.38	0.89
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	8.97	9.27	6.89	6.88	6.95	6.89	58.13	58.97	62.38	63.88	1.50	2.40	4.91	8.32
Former Soviet Union - 12																
Russia	14.51	14.55	14.03	14.03	2.79	2.84	2.76	2.74	40.50	41.40	38.70	38.40	-0.30	-0.78	-3.00	-7.24
Ukraine	8.22	8.53	8.60	8.56	5.67	4.64	5.80	5.79	46.55	39.59	49.82	49.59	-0.23	-0.46	10.00	25.26
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	13.90	13.10	13.70	13.70	1.42	1.42	1.45	1.49	19.67	18.57	19.80	20.40	0.60	3.03	1.83	9.85
South Africa	3.12	3.36	3.30	3.30	5.24	5.29	5.34	5.34	16.37	17.76	17.61	17.60	-0.01	-0.06	-0.16	-0.87
Tanzania	4.35	5.20	5.10	5.10	1.56	1.46	1.49	1.49	6.77	7.58	7.58	7.58	0.00	0.00	0.00	0.00
Burkina Faso	4.08	4.00	4.00	4.00	1.12	1.18	1.10	1.31	4.55	4.72	4.40	5.23	0.83	18.75	0.51	10.70
Ethiopia	5.51	5.61	5.62	5.72	3.34	3.32	3.07	3.09	18.41	18.62	17.25	17.65	0.40	2.32	-0.97	-5.19
Egypt	1.02	1.02	1.02	1.02	7.09	7.09	7.09	7.09	7.26	7.26	7.26	7.26	0.00	0.00	0.00	0.00
Mali	4.92	5.17	4.70	4.70	1.46	1.38	1.45	1.45	7.21	7.14	6.80	6.80	0.00	0.00	-0.34	-4.70
India	23.98	23.83	22.40	22.40	1.99	2.15	2.12	2.12	47.66	51.21	47.57	47.57	0.00	0.00	-3.64	-7.11
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	3.12	8.03	8.35	8.00	7.80	-0.20	-2.50	-0.55	-6.61
Vietnam	0.99	0.95	0.90	0.90	4.80	4.83	4.89	4.89	4.76	4.59	4.40	4.40	0.00	0.00	-0.19	-4.14
Thailand	1.24	1.28	1.23	1.23	3.66	4.41	4.36	4.36	4.55	5.65	5.35	5.35	0.00	0.00	-0.30	-5.31
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	3.33
Canada	5.54	5.80	5.57	5.57	5.16	5.11	4.30	4.30	28.61	29.64	23.95	23.95	0.00	0.00	-5.69	-19.21
Australia	6.18	5.99	5.88	5.88	1.93	2.77	2.67	2.67	11.90	16.60	15.70	15.70	0.00	0.00	-0.90	-5.39
Middle East																
Turkey	4.53	4.63	4.46	4.46	3.19	3.40	2.67	2.60	14.45	15.76	11.93	11.58	-0.35	-2.93	-4.18	-26.52
Iran	1.91	1.81	2.01	2.01	2.63	2.77	2.25	2.25	5.02	5.02	4.52	4.52	0.00	0.00	-0.50	-9.96
Others	73.05	79.14	74.06	74.42	1.61	1.57	1.71	1.71	117.94	124.56	126.37	126.94	0.57	0.45	2.38	1.91

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	193.61	198.46	200.38	201.33	5.78	5.64	5.98	5.98	1,119.68	1,119.02	1,198.22	1,204.62	6.41	0.53	85.61	7.65
United States	32.92	33.31	34.43	34.43	10.51	10.76	11.08	11.11	345.96	358.45	381.49	382.59	1.10	0.29	24.15	6.74
Total Foreign	160.69	165.15	165.94	166.89	4.81	4.61	4.92	4.93	773.72	760.57	816.73	822.03	5.31	0.65	61.46	8.08
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	6.80	8.10	7.89	8.15	8.01	51.00	50.50	53.00	54.50	1.50	2.83	4.00	7.92
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	8.94	9.08	7.49	7.12	7.42	7.48	66.74	64.41	66.30	67.85	1.55	2.34	3.44	5.34
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	1.93	11.00	10.00	11.00	11.60	0.60	5.45	1.60	16.00
Ethiopia	2.27	2.53	2.30	2.40	4.24	4.18	3.74	3.75	9.64	10.56	8.60	9.00	0.40	4.65	-1.56	-14.75
Egypt	0.80	0.80	0.80	0.80	8.00	8.00	8.00	8.00	6.40	6.40	6.40	6.40	0.00	0.00	0.00	0.00
Tanzania	3.43	4.20	4.10	4.10	1.65	1.55	1.59	1.59	5.65	6.50	6.50	6.50	0.00	0.00	0.00	0.00
Malawi	1.70	1.70	1.70	1.70	1.78	2.22	2.47	2.47	3.03	3.78	4.20	4.20	0.00	0.00	0.42	11.11
Zambia	0.84	1.29	1.30	1.30	2.38	2.62	2.78	2.78	2.00	3.39	3.62	3.62	0.00	0.00	0.23	6.88
Kenya	2.20	2.20	2.20	2.20	1.77	1.82	1.82	1.82	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	7.01	7.01	35.89	30.30	38.00	38.00	0.00	0.00	7.70	25.42
Russia	2.50	2.73	2.80	2.80	5.70	5.08	5.36	5.36	14.28	13.87	15.00	15.00	0.00	0.00	1.13	8.13
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	3.12	8.03	8.35	8.00	7.80	-0.20	-2.50	-0.55	-6.61
Vietnam	0.99	0.95	0.90	0.90	4.80	4.83	4.89	4.89	4.76	4.59	4.40	4.40	0.00	0.00	-0.19	-4.14
Thailand	1.22	1.26	1.20	1.20	3.70	4.46	4.42	4.42	4.50	5.60	5.30	5.30	0.00	0.00	-0.30	-5.36
Mexico	6.62	7.14	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	2.39
Canada	1.45	1.41	1.35	1.35	9.24	9.63	10.37	10.37	13.40	13.56	14.00	14.00	0.00	0.00	0.44	3.22
Turkey	0.52	0.62	0.54	0.54	11.54	11.45	11.76	12.04	6.00	7.10	6.35	6.50	0.15	2.36	-0.60	-8.45
Others	25.52	26.24	25.00	25.42	2.64	2.60	2.68	2.69	67.27	68.18	67.12	68.42	1.31	1.94	0.25	0.36

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	52.32	51.66	50.03	49.85	3.02	3.11	2.96	2.93	157.93	160.48	147.99	146.24	-1.75	-1.18	-14.23	-8.87
United States	0.90	0.90	0.79	0.79	4.18	4.15	3.25	3.25	3.76	3.72	2.56	2.56	0.00	0.00	-1.16	-31.11
Total Foreign	51.43	50.77	49.25	49.06	3.00	3.09	2.95	2.93	154.18	156.76	145.43	143.68	-1.75	-1.20	-13.08	-8.34
European Union	11.16	11.41	10.85	10.73	4.95	4.86	5.00	5.02	55.27	55.43	54.30	53.90	-0.40	-0.74	-1.53	-2.77
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	2.23	2.19	19.94	20.63	17.30	17.00	-0.30	-1.73	-3.63	-17.59
Ukraine	2.78	2.58	2.70	2.67	3.42	3.08	3.89	3.82	9.53	7.95	10.50	10.20	-0.30	-2.86	2.25	28.35
Kazakhstan	2.98	2.73	2.20	2.20	1.29	1.34	1.14	1.14	3.83	3.66	2.50	2.50	0.00	0.00	-1.16	-31.68
Belarus	0.41	0.41	0.35	0.35	2.69	3.35	2.86	2.86	1.10	1.38	1.00	1.00	0.00	0.00	-0.38	-27.27
Azerbaijan	0.34	0.35	0.37	0.37	2.97	2.81	2.74	2.74	1.02	0.97	1.00	1.00	0.00	0.00	0.03	3.09
Canada	2.73	2.81	3.00	3.00	3.81	3.82	2.37	2.37	10.38	10.74	7.10	7.10	0.00	0.00	-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	1.22	7.90	8.10	5.00	4.50	-0.50	-10.00	-3.60	-44.44
Iran	1.70	1.60	1.80	1.80	2.12	2.25	1.72	1.72	3.60	3.60	3.10	3.10	0.00	0.00	-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	0.95	0.93	1.00	1.00	2.50	2.53	2.35	2.35	2.38	2.34	2.35	2.35	0.00	0.00	0.01	0.47
Morocco	1.05	1.47	1.49	1.49	1.11	0.44	1.87	1.87	1.16	0.64	2.78	2.78	0.00	0.00	2.14	334.38
Algeria	1.03	1.03	1.03	1.03	1.95	1.80	1.56	1.56	2.00	1.85	1.60	1.60	0.00	0.00	-0.25	-13.28
Tunisia	0.47	0.36	0.37	0.37	1.94	1.28	1.77	1.77	0.91	0.47	0.65	0.65	0.00	0.00	0.19	39.78
South Africa	0.13	0.14	0.10	0.10	2.61	4.14	3.60	3.68	0.35	0.59	0.36	0.35	-0.01	-2.78	-0.24	-40.48
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	0.19	0.20	0.20	3.68	4.78	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	1.81	1.81	1.81	1.78	2.44	2.39	2.50	2.41	4.42	4.33	4.51	4.28	-0.24	-5.21	-0.06	-1.29

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	9.55	10.02	9.43	9.43	2.43	2.55	2.41	2.41	23.21	25.57	22.76	22.77	0.02	0.07	-2.80	-10.95
United States	0.34	0.41	0.26	0.26	2.31	2.34	2.20	2.20	0.77	0.95	0.58	0.58	0.00	0.00	-0.38	-39.41
Total Foreign	9.21	9.61	9.17	9.17	2.44	2.56	2.42	2.42	22.44	24.62	22.18	22.19	0.02	0.07	-2.42	-9.84
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	2.58	0.43	0.52	0.45	0.47	0.02	3.33	-0.05	-9.71
Belarus	0.16	0.16	0.15	0.15	2.30	2.87	2.33	2.33	0.37	0.45	0.35	0.35	0.00	0.00	-0.10	-21.35
Kazakhstan	0.24	0.23	0.20	0.20	1.10	1.05	1.00	1.00	0.27	0.24	0.20	0.20	0.00	0.00	-0.04	-16.67
Canada	1.17	1.31	1.00	1.00	3.62	3.48	2.30	2.30	4.23	4.58	2.30	2.30	0.00	0.00	-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	1.70	1.66	1.76	1.76	0.05	0.05	0.05	0.05	0.00	0.00	0.00	6.25

World and Selected Countries and Regions

Table 07 Rye Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	4.04	4.31	4.30	4.29	3.04	3.36	3.18	3.19	12.26	14.45	13.67	13.69	0.03	0.18	-0.76	-5.23
United States	0.13	0.13	0.12	0.12	2.16	2.19	2.09	2.09	0.27	0.29	0.25	0.25	0.00	0.00	-0.04	-15.02
Total Foreign	3.91	4.17	4.18	4.18	3.07	3.39	3.21	3.22	11.99	14.16	13.42	13.44	0.03	0.19	-0.71	-5.02
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	0.17	2.90	3.28	3.29	3.53	0.34	0.46	0.58	0.60	0.03	4.35	0.14	30.72
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	2.59	2.59	0.33	0.49	0.42	0.42	0.00	0.00	-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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	39.86	42.75	41.79	41.79	1.46	1.46	1.57	1.58	58.13	62.42	65.69	66.05	0.36	0.55	3.63	5.82
United States	1.89	2.06	2.64	2.64	4.58	4.59	4.54	4.53	8.67	9.47	11.98	11.97	-0.01	-0.07	2.49	26.31
Total Foreign	37.97	40.69	39.15	39.15	1.30	1.30	1.37	1.38	49.46	52.94	53.71	54.08	0.37	0.69	1.14	2.16
Africa																
Nigeria	5.40	5.60	5.70	5.70	1.23	1.17	1.19	1.19	6.67	6.57	6.80	6.80	0.00	0.00	0.23	3.50
Ethiopia	1.83	1.68	1.87	1.87	2.88	2.69	2.78	2.78	5.27	4.52	5.20	5.20	0.00	0.00	0.68	15.12
Sudan	6.83	9.03	7.00	7.00	0.54	0.57	0.71	0.71	3.71	5.15	5.00	5.00	0.00	0.00	-0.15	-2.91
Burkina Faso	1.89	1.80	1.80	1.80	0.99	1.02	0.94	1.19	1.87	1.84	1.70	2.15	0.45	26.47	0.31	16.85
Mali	1.50	1.83	1.50	1.50	1.01	0.98	1.00	1.00	1.51	1.80	1.50	1.50	0.00	0.00	-0.30	-16.71
Niger	3.75	3.70	3.70	3.70	0.51	0.52	0.51	0.51	1.90	1.92	1.90	1.90	0.00	0.00	-0.02	-1.14
Cameroon	0.73	0.74	0.74	0.74	1.67	1.62	1.62	1.62	1.22	1.20	1.20	1.20	0.00	0.00	0.00	0.00
Tanzania	0.65	0.70	0.70	0.70	1.13	1.07	1.07	1.07	0.73	0.75	0.75	0.75	0.00	0.00	0.00	0.00
Egypt	0.14	0.14	0.14	0.14	5.36	5.36	5.36	5.36	0.75	0.75	0.75	0.75	0.00	0.00	0.00	0.00
Uganda	0.42	0.43	0.43	0.43	0.95	0.94	0.94	0.94	0.40	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Ghana	0.30	0.25	0.25	0.25	1.15	1.42	1.12	1.12	0.35	0.36	0.28	0.28	0.00	0.00	-0.08	-21.35
Mozambique	0.23	0.26	0.25	0.25	0.69	0.54	0.70	0.70	0.16	0.14	0.18	0.18	0.00	0.00	0.03	23.24
South Africa	0.04	0.05	0.05	0.05	3.67	4.29	3.78	3.78	0.16	0.21	0.17	0.17	0.00	0.00	-0.04	-19.05
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	8.10
South America																
Argentina	0.58	0.75	0.85	0.85	4.35	4.43	4.41	4.41	2.50	3.32	3.75	3.75	0.00	0.00	0.43	12.95
Brazil	0.84	0.88	0.90	0.90	2.99	3.12	3.00	3.00	2.50	2.73	2.70	2.70	0.00	0.00	-0.03	-1.17
South Asia																
India	4.82	4.24	4.60	4.60	0.99	1.13	0.96	0.96	4.77	4.78	4.40	4.40	0.00	0.00	-0.38	-7.95
Pakistan	0.24	0.25	0.26	0.26	0.58	0.58	0.59	0.59	0.14	0.15	0.15	0.15	0.00	0.00	0.01	3.45
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	2.94	3.02	3.02	0.30	1.50	1.60	1.60	0.00	0.00	0.10	6.67
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	5.30	5.65	5.58	5.57	1.09	1.06	1.08	1.07	5.79	5.96	6.04	5.96	-0.08	-1.31	0.00	0.03

World and Selected Countries and Regions

Table 09 Rice Area, Yield, and Production

World and Selected Countries and Regions

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	161.69	164.90	163.96	165.27	4.61	4.59	4.65	4.62	498.91	507.30	510.70	511.72	1.03	0.20	4.42	0.87
United States	1.00	1.21	1.01	1.01	8.38	8.54	8.55	8.70	5.88	7.23	6.05	6.15	0.10	1.72	-1.07	-14.84
Total Foreign	160.69	163.69	162.95	164.26	4.58	4.56	4.63	4.60	493.03	500.07	504.65	505.57	0.92	0.18	5.49	1.10
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	6.79	6.81	6.81	7.61	7.57	7.56	7.56	0.00	0.00	-0.01	-0.17
Korea, South	0.73	0.73	0.73	0.73	6.87	6.49	7.01	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	45.50	45.50	4.08	4.08	4.12	4.12	118.87	122.27	125.00	125.00	0.00	0.00	2.73	2.23
Bangladesh	11.83	11.50	11.68	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	4.57	4.64	4.64	3.21	3.39	3.47	3.47	0.00	0.00	0.08	2.30
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	6.90	6.90	2.86	2.85	2.85	2.85	12.65	12.60	12.60	12.60	0.00	0.00	0.00	0.00
Philippines	4.64	4.76	4.75	4.75	4.08	4.14	4.11	4.11	11.93	12.42	12.30	12.30	0.00	0.00	-0.12	-0.93
Cambodia	3.26	3.27	3.30	3.30	2.89	2.90	2.93	2.93	5.74	5.78	5.90	5.90	0.00	0.00	0.12	2.02
Laos	0.84	0.96	0.97	0.97	3.01	3.14	3.19	3.19	1.60	1.90	1.95	1.95	0.00	0.00	0.05	2.63
Malaysia	0.70	0.68	0.68	0.68	4.01	4.07	4.07	4.07	1.83	1.80	1.80	1.80	0.00	0.00	0.00	0.00
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	2.86	2.86	2.71	2.71	2.56	2.56	0.00	0.00	-0.15	-5.43
Nigeria	3.50	3.60	3.65	3.65	2.29	2.16	2.17	2.17	5.04	4.89	5.00	5.00	0.00	0.00	0.11	2.25
European Union	0.42	0.42	0.41	0.41	6.95	6.77	6.79	6.79	1.99	1.95	1.89	1.89	0.00	0.00	-0.06	-3.02
Iran	0.58	0.58	0.56	0.56	5.25	5.27	5.14	5.14	1.99	2.00	1.90	1.90	0.00	0.00	-0.10	-5.00
Others	13.35	13.39	12.24	13.55	2.85	2.86	3.11	2.92	25.07	25.26	25.16	26.08	0.92	3.66	0.83	3.28

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World Total	--	--	--	--	--	--	--	--	580.84	603.32	628.24	628.03	-0.20	-0.03	24.71	4.10
Total Foreign	--	--	--	--	--	--	--	--	473.86	478.76	497.40	497.80	0.40	0.08	19.04	3.98
Oilseed, Copra	--	--	--	--	--	--	--	--	5.66	5.56	5.82	5.82	0.00	0.00	0.26	4.62
Oilseed, Palm Kernel	--	--	--	--	--	--	--	--	19.30	19.03	19.93	19.94	0.01	0.07	0.91	4.80
Major Oilseeds	246.26	251.49	259.01	259.09	2.26	2.30	2.33	2.32	555.88	578.73	602.49	602.27	-0.22	-0.04	23.54	4.07
United States	36.83	38.83	40.97	40.97	2.91	3.21	3.19	3.18	106.98	124.56	130.83	130.24	-0.60	-0.46	5.68	4.56
Foreign Oilseeds	209.43	212.66	218.04	218.13	2.14	2.14	2.16	2.16	448.90	454.17	471.65	472.04	0.38	0.08	17.87	3.93
South America	64.00	65.34	67.97	67.57	3.18	3.20	3.26	3.26	203.24	208.86	221.87	220.60	-1.27	-0.57	11.74	5.62
Brazil	38.77	40.47	42.11	42.21	3.45	3.52	3.54	3.53	133.78	142.28	148.90	149.13	0.23	0.16	6.85	4.81
Argentina	19.03	19.01	19.34	18.84	2.82	2.70	2.90	2.90	53.64	51.24	56.11	54.61	-1.50	-2.67	3.36	6.56
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	1.87	2.06	2.06	2.09	1.82	2.72	2.72	0.00	0.00	0.90	49.42
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	42.27	42.27	0.96	0.94	1.00	1.03	39.47	40.83	42.40	43.38	0.99	2.33	2.55	6.24
India	37.85	40.15	39.20	39.20	0.94	0.94	0.98	1.00	35.62	37.72	38.41	39.31	0.90	2.34	1.59	4.22
Pakistan	3.08	2.90	2.70	2.70	1.10	0.92	1.31	1.34	3.40	2.66	3.54	3.62	0.09	2.43	0.96	36.20
European Union	10.65	10.79	10.84	10.89	2.62	2.62	2.80	2.80	27.95	28.25	30.32	30.46	0.14	0.47	2.21	7.83
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	27.01	27.01	1.96	1.74	1.88	1.88	51.10	44.70	50.78	50.78	0.00	0.00	6.08	13.61
Russia	12.56	12.50	13.80	13.80	1.73	1.61	1.62	1.62	21.70	20.14	22.35	22.35	0.00	0.00	2.21	10.96
Ukraine	9.70	9.65	9.45	9.45	2.52	2.06	2.48	2.48	24.46	19.85	23.45	23.45	0.00	0.00	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	1.73	1.73	25.82	25.95	18.95	18.95	0.00	0.00	-7.00	-26.96
Africa	22.90	22.20	23.57	23.91	1.03	1.05	1.03	1.02	23.54	23.29	24.24	24.50	0.25	1.05	1.21	5.17
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	1.54	1.70	1.96	1.87	1.82	2.16	2.68	2.71	2.81	0.10	3.69	0.13	4.89
Tanzania	1.60	1.45	1.60	1.60	0.85	0.82	0.85	0.85	1.36	1.19	1.36	1.36	0.00	0.00	0.17	14.27
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	3.65	1.19	1.81	1.74	1.77	2.53	4.93	6.29	6.47	0.18	2.86	1.54	31.28
Turkey	1.42	1.18	1.31	1.32	2.33	2.46	2.54	2.50	3.31	2.89	3.34	3.29	-0.05	-1.50	0.39	13.58
Others	1.72	1.68	1.65	1.72	2.19	2.19	2.07	2.07	3.76	3.67	3.41	3.56	0.15	4.25	-0.12	-3.19

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	122.89	127.87	131.89	131.56	2.77	2.86	2.92	2.92	339.89	366.23	385.14	384.01	-1.13	-0.29	17.78	4.86
United States	30.33	33.43	34.98	34.98	3.19	3.43	3.46	3.44	96.67	114.75	121.06	120.43	-0.63	-0.52	5.68	4.95
Total Foreign	92.57	94.44	96.91	96.58	2.63	2.66	2.73	2.73	243.22	251.48	264.08	263.58	-0.50	-0.19	12.10	4.81
South America																
Brazil	36.90	38.90	40.40	40.40	3.48	3.55	3.56	3.56	128.50	138.00	144.00	144.00	0.00	0.00	6.00	4.35
Argentina	16.70	16.47	16.90	16.40	2.92	2.81	3.02	3.02	48.80	46.20	51.00	49.50	-1.50	-2.94	3.30	7.14
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	0.91	1.25	1.25	2.17	1.88	2.08	2.08	1.99	1.71	2.60	2.60	0.00	0.00	0.89	52.31
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	12.50	12.50	0.76	0.82	0.88	0.95	9.30	10.45	11.00	11.90	0.90	8.18	1.45	13.88
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	0.94	0.94	2.89	2.74	2.90	2.93	2.62	2.58	2.73	2.75	0.02	0.73	0.18	6.80
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	0.93	1.77	2.28	2.06	2.00	1.25	1.89	1.75	1.85	0.10	5.71	-0.04	-2.17
Nigeria	1.04	1.10	1.20	1.20	1.11	0.95	1.04	1.04	1.15	1.05	1.25	1.25	0.00	0.00	0.20	19.05
Zambia	0.20	0.16	0.19	0.30	1.43	1.81	1.50	0.84	0.28	0.30	0.29	0.25	-0.04	-12.28	-0.05	-15.82
Uganda	0.05	0.05	0.05	0.05	0.60	0.60	0.60	0.60	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
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	0.34	0.36	0.35	1.95	2.03	1.93	2.02	0.69	0.69	0.69	0.71	0.02	2.31	0.02	3.35

World and Selected Countries and Regions

Table 12 Cottonseed Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	34.24	30.84	31.96	32.13	1.30	1.33	1.37	1.37	44.42	41.12	43.68	44.17	0.50	1.14	3.06	7.44
United States	4.65	3.35	4.02	4.02	1.16	1.22	1.24	1.25	5.39	4.09	4.98	5.03	0.05	1.06	0.94	23.08
Total Foreign	29.59	27.49	27.94	28.11	1.32	1.35	1.39	1.39	39.03	37.03	38.70	39.14	0.44	1.14	2.11	5.71
South Asia																
India	13.50	13.00	12.40	12.40	0.93	0.91	0.96	0.96	12.52	11.89	11.89	11.89	0.00	0.00	0.00	0.00
Pakistan	2.45	2.20	2.00	2.00	1.10	0.89	1.41	1.45	2.69	1.95	2.82	2.90	0.09	3.05	0.95	48.90
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	1.60	2.75	2.62	2.77	2.74	4.58	3.59	4.15	4.38	0.23	5.59	0.79	21.99
Argentina	0.42	0.45	0.45	0.45	0.68	0.67	0.70	0.70	0.28	0.30	0.32	0.32	0.00	0.00	0.02	5.33
Middle East																
Turkey	0.57	0.35	0.45	0.45	1.98	2.71	2.61	2.61	1.13	0.95	1.18	1.18	0.00	0.00	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	0.60	3.12	3.06	2.46	2.65	0.19	0.84	1.41	1.59	0.18	12.75	0.75	89.30
European Union	0.35	0.34	0.31	0.31	1.81	1.58	1.74	1.50	0.64	0.54	0.54	0.46	-0.08	-14.58	-0.07	-13.78
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	0.69	0.80	0.86	0.80	0.77	0.59	0.55	0.51	0.54	0.02	4.68	-0.01	-2.36

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	28.17	29.69	29.70	29.80	1.72	1.67	1.70	1.70	48.43	49.62	50.46	50.58	0.12	0.24	0.96	1.94
United States	0.56	0.65	0.62	0.62	4.41	4.27	4.60	4.57	2.48	2.79	2.85	2.83	-0.02	-0.77	0.04	1.40
Total Foreign	27.61	29.04	29.08	29.18	1.66	1.61	1.64	1.64	45.95	46.83	47.60	47.75	0.14	0.30	0.92	1.97
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	0.53	0.35	0.38	0.38	0.28	0.30	0.34	0.34	0.15	0.10	0.13	0.13	0.00	0.00	0.03	26.21
Cote d'Ivoire	0.15	0.15	0.15	0.15	1.45	1.45	1.45	1.45	0.21	0.21	0.21	0.21	0.00	0.00	0.00	0.00
Benin	0.19	0.19	0.19	0.19	0.92	0.92	0.92	0.92	0.18	0.18	0.18	0.18	0.00	0.00	0.00	0.00
South Asia																
India	4.83	6.00	5.80	5.80	1.30	1.12	1.17	1.17	6.26	6.70	6.80	6.80	0.00	0.00	0.10	1.49
Pakistan	0.09	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	0.37	0.37	3.50	3.16	3.70	3.70	1.29	1.27	1.35	1.35	0.00	0.00	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	1.79	1.79	1.81	1.90	1.12	1.15	1.16	1.18	2.00	2.05	2.10	2.24	0.14	6.87	0.19	9.26

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MMT	Percent	MMT	Percent
World	26.03	26.90	28.16	28.23	2.07	1.83	1.98	1.98	53.94	49.11	55.86	56.01	0.15	0.27	6.90	14.05
United States	0.51	0.67	0.50	0.50	1.75	2.01	1.74	1.74	0.89	1.35	0.86	0.86	0.00	0.00	-0.49	-36.29
Total Foreign	25.52	26.23	27.67	27.74	2.08	1.82	1.99	1.99	53.05	47.75	54.99	55.14	0.15	0.27	7.39	15.47
Former Soviet Union - 12																
Russia	8.36	8.35	9.30	9.30	1.83	1.59	1.61	1.61	15.31	13.27	15.00	15.00	0.00	0.00	1.73	13.05
Ukraine	6.40	7.00	7.00	7.00	2.58	2.01	2.43	2.43	16.50	14.10	17.00	17.00	0.00	0.00	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	4.34	4.39	2.19	2.04	2.29	2.31	9.46	8.85	9.95	10.15	0.20	2.01	1.30	14.68
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	2.30	1.75	1.56	1.80	1.75	-0.05	-2.78	0.19	12.18
Iran	0.04	0.04	0.04	0.04	1.08	1.08	1.00	1.00	0.04	0.04	0.04	0.04	0.00	0.00	0.00	2.33
Israel	0.00	0.00	0.00	0.00	5.00	9.00	7.00	7.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	-22.22
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	0.56	1.58	1.41	1.56	1.52	0.79	0.68	0.85	0.85	0.00	0.00	0.17	25.55
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	Oct	Nov	2019/20	2020/21	Oct	Nov	2019/20	2020/21	Oct	Nov	MMT	Percent	MMT	Percent
World	34.92	36.19	37.30	37.37	1.98	2.01	1.81	1.81	69.21	72.66	67.36	67.50	0.15	0.22	-5.16	-7.10
United States	0.78	0.73	0.86	0.86	2.00	2.16	1.26	1.26	1.55	1.58	1.08	1.08	0.00	0.00	-0.49	-31.37
Total Foreign	34.15	35.46	36.45	36.52	1.98	2.00	1.82	1.82	67.66	71.09	66.28	66.42	0.15	0.22	-4.66	-6.56
European Union	5.08	5.17	5.25	5.25	3.00	3.15	3.26	3.26	15.24	16.29	17.10	17.10	0.00	0.00	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	1.48	1.48	19.61	19.49	13.00	13.00	0.00	0.00	-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	1.05	1.05	2.59	2.31	2.90	2.90	3.47	2.75	3.05	3.05	0.00	0.00	0.30	10.91
Belarus	0.34	0.36	0.32	0.32	1.68	2.06	1.59	1.59	0.58	0.73	0.50	0.50	0.00	0.00	-0.23	-31.60
Kazakhstan	0.27	0.12	0.11	0.11	0.90	1.23	1.00	1.00	0.24	0.15	0.11	0.11	0.00	0.00	-0.04	-28.10
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	0.26	0.24	0.18	0.25	2.26	2.25	2.10	2.09	0.59	0.55	0.38	0.52	0.15	38.36	-0.03	-4.91

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	Oct	Nov	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	4.34	4.80	4.80	0.00	0.00	0.46	10.60
Nigeria	0.88	0.82	0.90	0.90	0.00	0.00	0.08	9.76
Thailand	0.75	0.79	0.85	0.85	0.00	0.00	0.06	7.59
Colombia	0.31	0.29	0.30	0.30	0.00	0.00	0.01	3.45
Guatemala	0.17	0.17	0.18	0.18	0.00	0.00	0.01	5.88
Papua New Guinea	0.16	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Cameroon	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Brazil	0.14	0.14	0.15	0.15	0.00	0.00	0.00	0.00
Honduras	0.18	0.13	0.16	0.16	0.00	0.00	0.03	23.08
World	19.30	19.03	19.93	19.94	0.01	0.05	0.91	4.78
Oil, Palm								
Indonesia	42.50	43.50	44.50	44.50	0.00	0.00	1.00	2.30
Malaysia	19.26	17.85	19.70	19.70	0.00	0.00	1.85	10.36
Thailand	2.65	2.80	3.12	3.12	0.00	0.00	0.32	11.43
Colombia	1.53	1.56	1.65	1.65	0.00	0.00	0.09	5.77
Nigeria	1.14	1.28	1.40	1.40	0.00	0.00	0.13	10.24
Guatemala	0.86	0.87	0.88	0.88	0.00	0.00	0.02	2.33
Papua New Guinea	0.56	0.56	0.57	0.57	0.00	0.00	0.00	0.00
Brazil	0.54	0.55	0.55	0.55	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.52	0.52	0.52	0.52	0.00	0.00	0.00	0.00
Ecuador	0.46	0.49	0.55	0.56	0.01	1.82	0.07	14.29
World	72.97	72.87	76.52	76.54	0.02	0.03	3.67	5.04

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	
			Oct	Nov			Oct	Nov			Oct	Nov	MBales	Percent	MBales	Percent
World	34.85	31.41	32.55	32.73	758	777	804	810	121.40	112.16	120.28	121.79	1.51	1.25	9.63	8.58
United States	4.65	3.35	4.02	4.02	932	950	976	987	19.91	14.61	18.00	18.20	0.19	1.08	3.59	24.58
Total Foreign	30.20	28.06	28.54	28.71	732	757	780	786	101.49	97.55	102.28	103.59	1.32	1.29	6.04	6.19
South Asia																
India	13.50	13.00	12.40	12.40	464	469	492	492	28.80	28.00	28.00	28.00	0.00	0.00	0.00	0.00
Pakistan	2.45	2.20	2.00	2.00	551	445	708	729	6.20	4.50	6.50	6.70	0.20	3.08	2.20	48.89
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	1.60	1,802	1,720	1,814	1,796	13.78	10.82	12.50	13.20	0.70	5.60	2.38	22.00
Argentina	0.42	0.45	0.45	0.45	682	668	702	702	1.30	1.38	1.45	1.45	0.00	0.00	0.07	5.07
Paraguay	0.01	0.01	0.01	0.01	416	416	416	416	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
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	1,742	1,742	3.45	2.90	3.60	3.60	0.00	0.00	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	0.60	2,268	2,217	1,780	1,923	0.63	2.80	4.70	5.30	0.60	12.77	2.50	89.29
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	1.90	1.76	1.76	1.81	591	579	572	535	5.16	4.69	4.63	4.45	-0.19	-4.00	-0.24	-5.18

World and Selected Countries and Regions

TABLE 18

The table below presents a record of the November 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 1.2 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 2 percent. The average difference between the November projection and the final estimate is 5.3 million tons, ranging from 0.1 million to 18.1 million tons. The November projection has been below the estimate 29 times and above 11 times.

RELIABILITY OF PRODUCTION PROJECTIONS 1/

COMMODITY AND REGION	Root mean square error	90 percent confidence interval	Difference between forecast and final estimate					
			Average	Smallest	Largest	Years		
						Below final	Above final	
<i>WHEAT</i>	Percent		---Million metric tons---					
	World	1.2	2.0	5.3	0.1	18.1	29	11
	U.S.	0.4	0.7	0.2	0.0	1.2	20	13
	Foreign	1.3	2.2	5.3	0.0	18.2	29	11
<i>COARSE GRAINS 2/</i>	World	1.6	2.7	13.5	0.2	47.3	30	10
	U.S.	1.3	2.3	2.6	0.0	9.9	19	21
	Foreign	2.2	3.7	13.4	0.2	48.8	30	10
<i>RICE (Milled)</i>	World	2.1	3.5	5.8	0.1	16.8	33	7
	U.S.	2.8	4.8	0.1	0.0	0.5	20	17
	Foreign	2.1	3.6	5.8	0.2	16.9	33	7
<i>SOYBEANS</i>	World	3.9	6.6	5.8	0.0	25.1	24	16
	U.S.	2.1	3.6	1.2	0.1	4.7	17	23
	Foreign	6.4	10.9	5.6	0.0	26.4	21	19
<i>COTTON</i>	---Million 480-lb. bales---							
	World	3.5	6.0	2.5	0.1	9.3	24	16
	U.S.	4.0	6.8	0.4	0.0	2.5	19	20
	Foreign	4.1	6.9	2.4	0.1	8.9	25	15
UNITED STATES	-----Million bushels-----							
	<i>CORN</i>	1.4	2.3	96	0	396	19	20
	<i>SORGHUM</i>	4.1	6.9	14	1	53	21	19
<i>BARLEY</i>	1.6	2.7	4	0	24	18	10	
<i>OATS</i>	1.1	1.9	2	0	18	8	9	

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

November 2021

Global Market Analysis, FAS, USDA