



United States
Department of
Agriculture

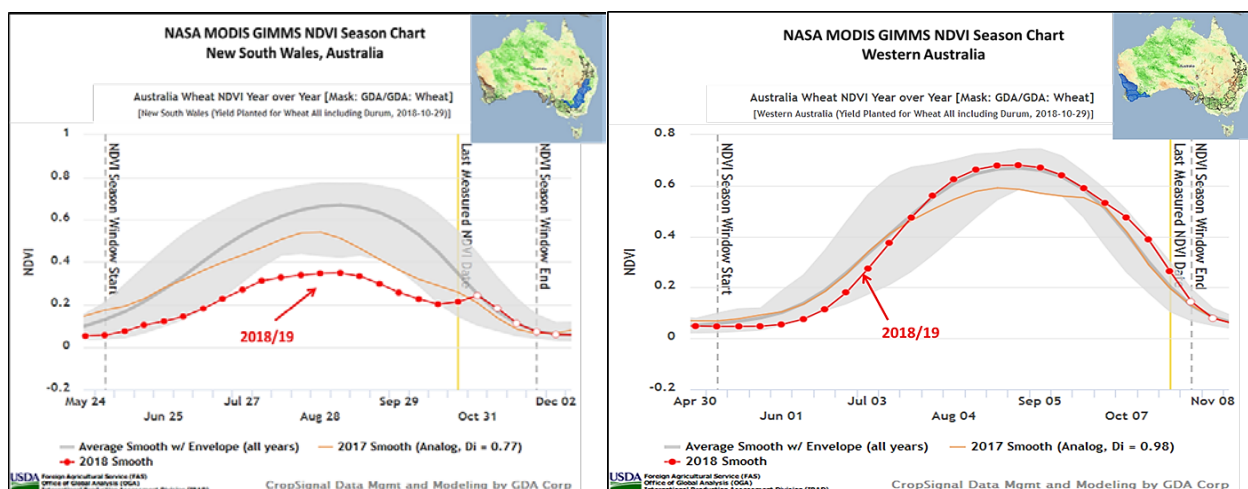
Foreign
Agricultural
Service

Circular Series
WAP 11-18
November 2018

World Agricultural Production

Australia Wheat: Production Estimate Lowered

USDA estimates Australia's 2018/19 wheat crop at 17.5 million metric tons (mmt), down 1.0 mmt (5 percent) from last month, and down 3.8 mmt (18 percent) from last year. Harvested area is expected to total 10.8 million hectares (mha), down 0.2 mha from last month and down 1.45 mha (12 percent) from last year. Yield is forecast at 1.62 tons per hectare (t/ha), down from 1.68 t/ha last month and 21 percent below the 5-year average.

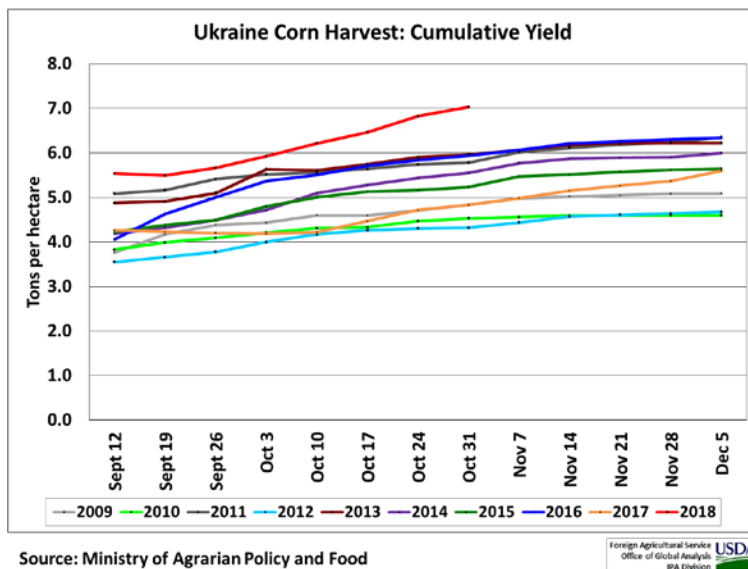


The reduction in estimated yield is attributed to persistent dryness and subsoil moisture deficits in major portions of Australia's winter crop region. Precipitation has been well below average since major sowing operations commenced in May. Satellite-derived seasonal vegetation indices reveal sharp differences in crop health between Western Australia and New South Wales, the two largest wheat producing states. In New South Wales, crop health has been the lowest since 2002 when the MODIS satellites started their observations. Winter crops are sown in May and June. Harvest begins in November and is finished by the end of December. (For more information, please contact James.Crutchfield@fas.usda.gov.)

Approved by the World Agricultural Outlook Board

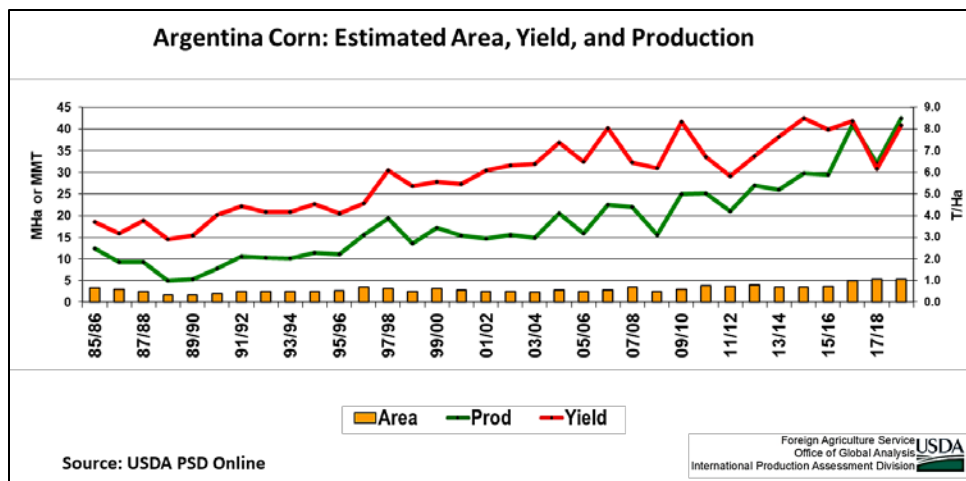
Ukraine Corn: Harvest to Shatter Previous Record

USDA estimates Ukraine corn production for 2018/19 at a record 33.5 million metric tons (mmt), up 2.5 mmt from last month, up 9.4 mmt from last year and 2.6 mmt above the previous record crop which was harvested in 2013. Yield is now estimated at 7.44 metric tons per hectare, 8 percent above last month and 37 percent above last year, surpassing the 2016/17 yield record by 13 percent. The high yield was attributed to ideal weather throughout the growing season. The harvested area projection is unchanged at 4.5 million hectares. The yield reported by the Ministry of Agrarian Policy and Food as of November 6, 2018 was 20 percent above the previous high for that date. Harvest is 79 percent complete and will continue through the rest of November. (For more information, please contact Mark.Lindeman@fas.usda.gov.)



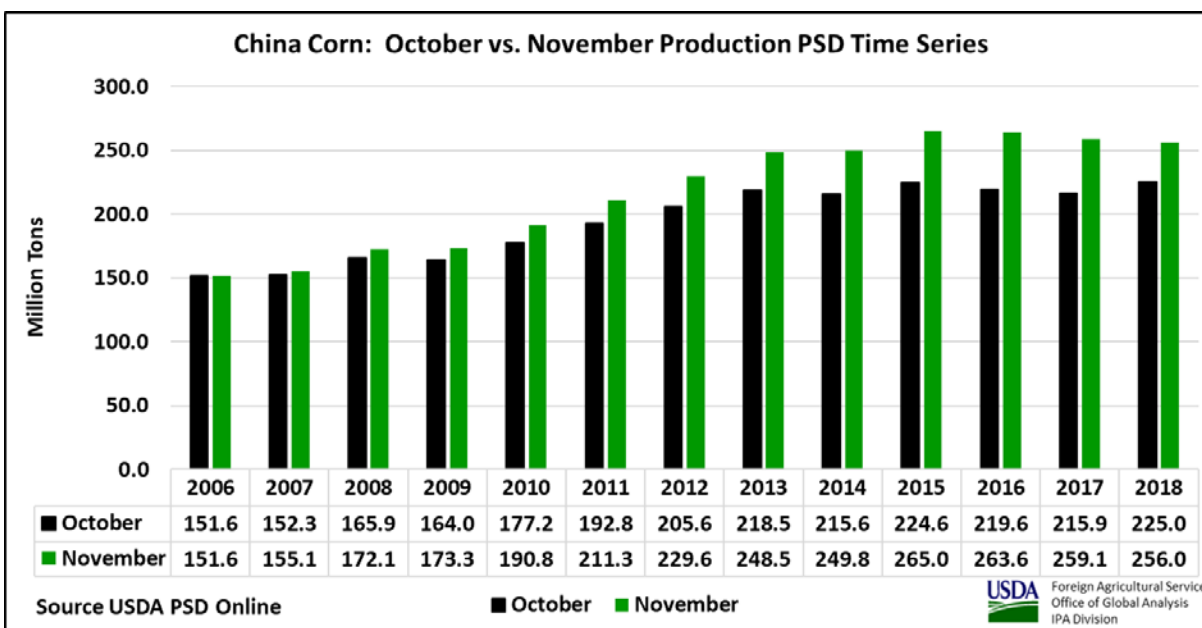
Argentina Corn: Planting Proceeds Despite Showers

USDA forecasts 2018/19 Argentina corn production at 42.5 million metric tons up almost 4 percent from last month and up 33 percent from last year. Harvested area is estimated at 5.2 million hectares, up 4 percent from last month and the same as last year.



Yield is forecast at 8.17 tons per hectare, down less than 1 percent from last month, but up 33 percent from last year, and up nearly 5 percent from the 5-year average. Rain has replenished soil moisture for planting and emergence of the corn crop. Despite tax policy changes, corn production remains profitable and provides a valuable crop rotation alternative. (For additional information, please contact Denise.McWilliams@usda.gov.)

China Corn: Historical Database Revision Results in Significant Updates to 2018/19 Estimates

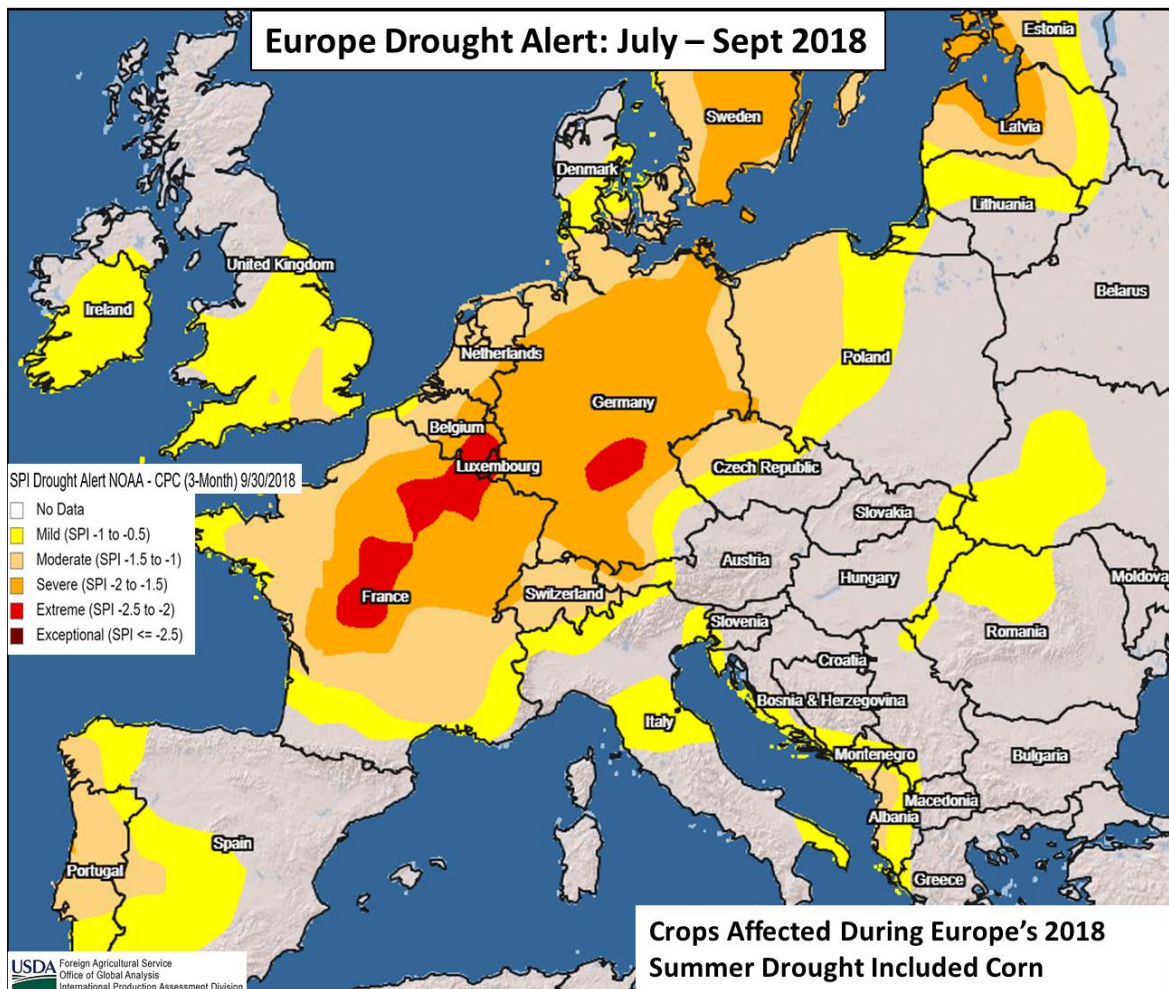


USDA estimates China's 2018/19 corn production at 256 million metric tons, up 14 percent from last month, but down 1 percent from last year. Yield is estimated at 6.17 metric tons per hectare (t/ha), slightly higher than last month, up approximately 1 percent from last year, and up 4 percent from the 5-year average of 5.96 t/ha. Area is estimated at 41.5 million hectares, 14 percent above last month's estimate and down 2 percent from last year. The November revisions are based on census data from the 2018 statistical yearbook published by China's National Bureau of Statistics in October. The historical revisions entailed significant changes to USDA's November 2018/19 area and production estimates for China. *(For more information, please contact Dath.Mita@fas.usda.gov.)*

EU Corn: Estimated Production Lowered Due to Area Reduction and Drought

European Union (EU) corn production for 2018/19 is estimated at 59.5 million metric tons (mmt), down 1.5 mmt (2 percent) from last month, down 2.6 mmt (4 percent) from last year, and down 8 percent from the 5-year average. Area is estimated at 8.1 million hectares (mha), down 0.2 million (2 percent) from last month, down 0.3 mha (4 percent) from last year, and down 12 percent from the 5-year average. Yield is estimated at 7.39 tons per hectare, unchanged from last month, down slightly from last year, but up 4 percent from the 5-year average.

The largest month-to-month reduction was in Hungary (-0.8 mmt) from a 0.1 mha reduction in area, with no change in estimated yield. Also notable were reductions in Poland (-0.6 mmt) and Germany (-0.6 mmt), both with area decreases of 60,000 hectares.



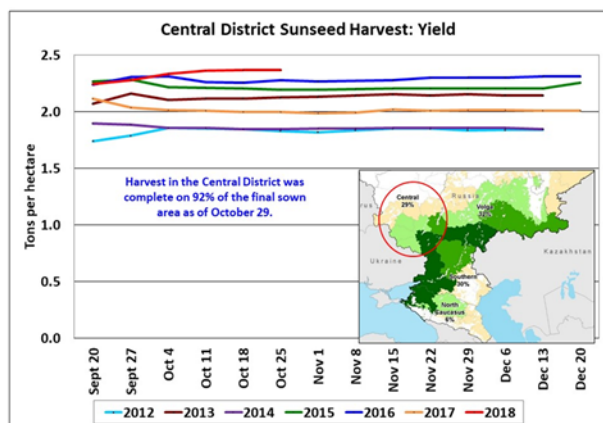
Drought prevailed in Poland and Germany during the summer, forcing farmers to cut some planted area for silage, resulting in reduced acreage. (Silage corn is not included in USDA’s world corn production total.) Estimated production for Romania was raised 0.3 mmt as favorable rains in the Balkan countries continue to benefit yield prospects in southeast Europe. (For more information, please contact Bryan.Purcell@fas.usda.gov.)

For country-specific area, yield, and production estimates within the European Union (EU), please go to PSD Online at <https://apps.fas.usda.gov/PSDOnline/app/index.html#/app/home>, and select “Downloadable Data Sets.” Select the zipped file for “EU Countries Area & Production.”

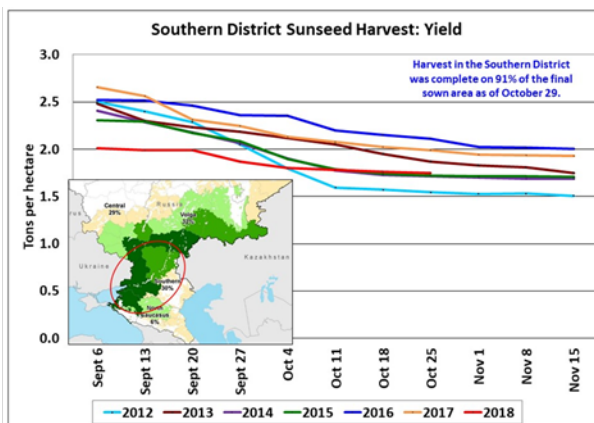
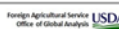
Russia Sunseed: Yields Improve as Harvest Advances Northward

USDA estimates Russia sunseed production for 2018/19 at a record 11.5 million metric tons (mmt), up 0.5 mmt from last month and up 1.1 mmt from last year. The estimated yield is increased to 1.53 tons per hectare, up 5 percent from last month, up 6 percent from last year, and slightly surpassing the previous record. The month-to-month increase is based on harvest data from the Ministry of Agriculture. Most of the country’s sunseed is produced in three regions – the Southern District, the Central District, and the Volga District – with each accounting for about 30 percent of total output. The reported yield in the Southern District has been low due to dryness and excessive heat during the growing season but yields in the Central and Volga

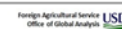
Districts are likely to reach record or near-record levels. Harvest was about 85 percent complete by the end of October.



Source: Ministry of Agriculture

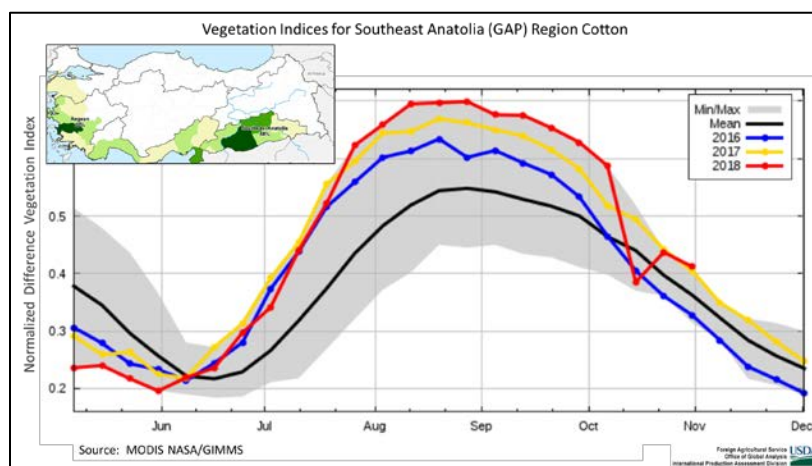


Source: Ministry of Agriculture



The expected area harvested is unchanged at a record 7.5 million hectares. Sunflower area in Russia has expanded by 30 percent over the last ten years. Most of the increase has occurred in the Volga District, where planted area has doubled. The district now accounts for 45 percent of the country's total sunflower area, but yield is typically lower than in the Southern and Central Districts. (For more information, please contact Mark.Lindeman@fas.usda.gov.)

Turkey Cotton: Estimated Production Up 47 Percent from the 5-year Average



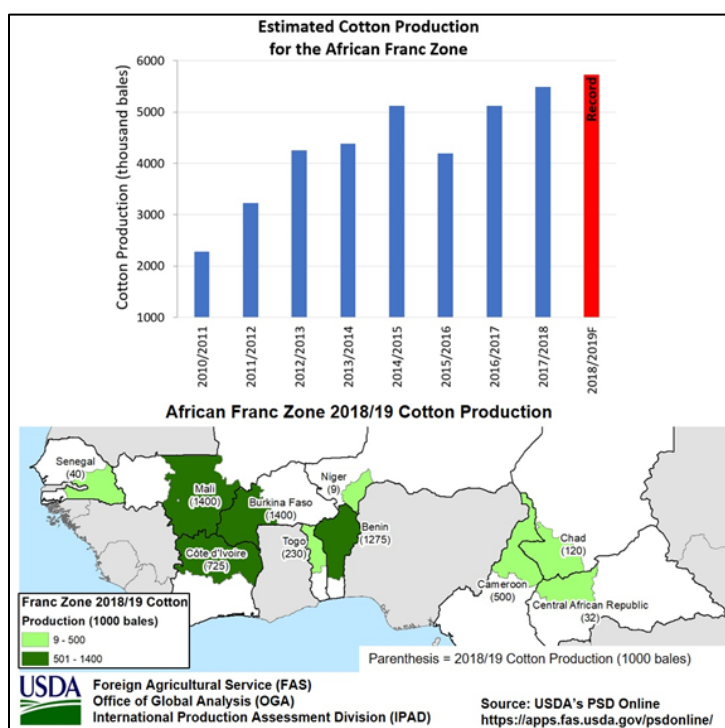
USDA estimates 2018/19 Turkey cotton production at 4.5 million 480-pound bales, unchanged from last month, up 13 percent from last year's record, and up 47 percent from the 5-year average. Harvested area is estimated at 520,000 hectares, unchanged from last month, up 11 percent from last year and up 30 percent from the 5-year average. Yield is estimated at 1,884 kilograms per hectare, unchanged from last month, up 2 percent from last year, and up 14 percent from the 5-year average. Planting began with ample soil moisture but in some areas excessive rainfall necessitated replanting. Weather was extremely favorable with exceptional growing conditions throughout the season. Isolated areas of heavy rainfall in the GAP (Southeastern Anatolia) region slowed harvest for a few days with reports of reduced quality. MODIS Normalized Difference Vegetation Index (NDVI) values indicate favorable yield prospects. Harvest is complete in the main cotton growing regions. (For more information, please contact William.Baker@fas.usda.gov.)

USDA estimates 2018/19 Turkey cotton production at 4.5 million 480-pound bales, unchanged from last month, up 13 percent from last year's record, and up 47 percent from the 5-year average. Harvested area is estimated at 520,000 hectares, unchanged from last month, up 11 percent from last year and up 30 percent from the 5-year average. Yield is estimated at 1,884 kilograms

African Franc Zone Cotton: Record Production Expected

USDA estimates the 2018/19 cotton production for the African Franc Zone at a record 5.73 million 480-pound bales, up 0.46 million bales (9 percent) from last month and up 0.24 million bales (4 percent) from last year's record. Harvested area is estimated at 3.03 million hectares, up 0.16 million hectares (6 percent) from last month, but slightly below last year's record. The estimated yield is 412 kilograms per hectare (kg/ha), up 6 percent from the 5-year average and down 11 percent from the record yield of 463 kg/ha in 1986/87. The African Franc Zone cotton region of western and central Africa includes the following ten countries in order of estimated 2018/19 production: Mali (1,400 thousand bales), Burkina Faso (1,400), Benin (1,275), Cote d'Ivoire (725), Cameroon (500), Togo (230), Chad (120), Senegal (40), Central African Republic (32) and Niger (9).

Seasonal rains were favorable for most of the African Franc Zone region. Both Mali and Benin



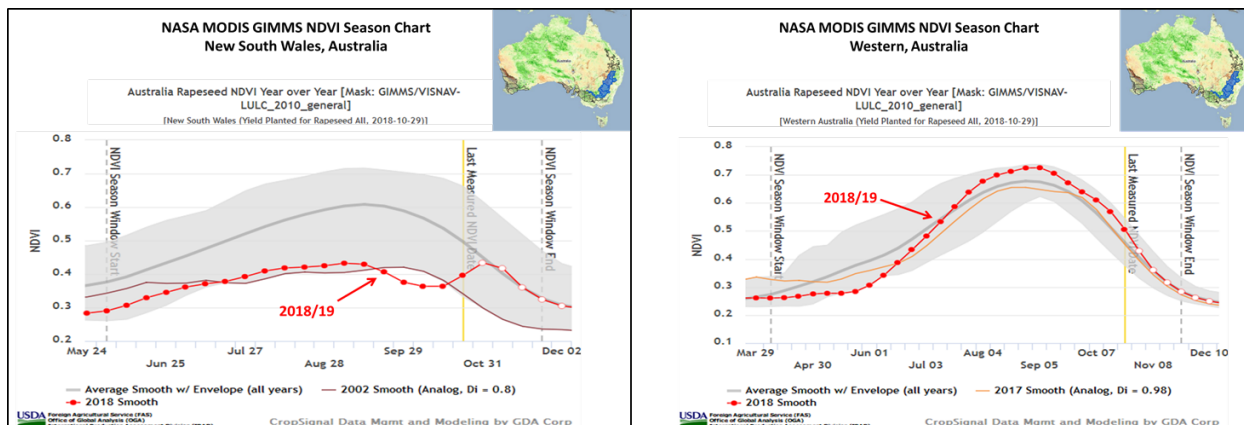
are expected to produce record crops. For the second consecutive year, Mali is on track to be the top cotton producer for the region. Yields in Burkina Faso plummeted last year after farmers abandoned genetically modified seeds and their conventional crop was subsequently devastated by insect attacks from cotton bollworm and whitefly.

Benin is now the third-largest cotton producer in the region; both area and production have increased by 100 and 150 percent, respectively, during the past three years. The doubling of cotton area and production in recent years has been attributed to favorable farm gate prices and timely supply of farm inputs. Also, the quality of

cotton has reportedly improved due to favorable government policies that encouraged private investors to boost yields with improved seed varieties and increased fertilizer inputs.

Cotton within the African Franc Zone is typically planted from May through July and harvested from October through December. Cotton is grown as a rainfed cash crop and other food crops such as corn, sorghum, millet, vegetables, cowpeas, and rice are typically grown on fields adjacent to cotton. (For more information, please contact Curt.Reynolds@fas.usda.gov.)

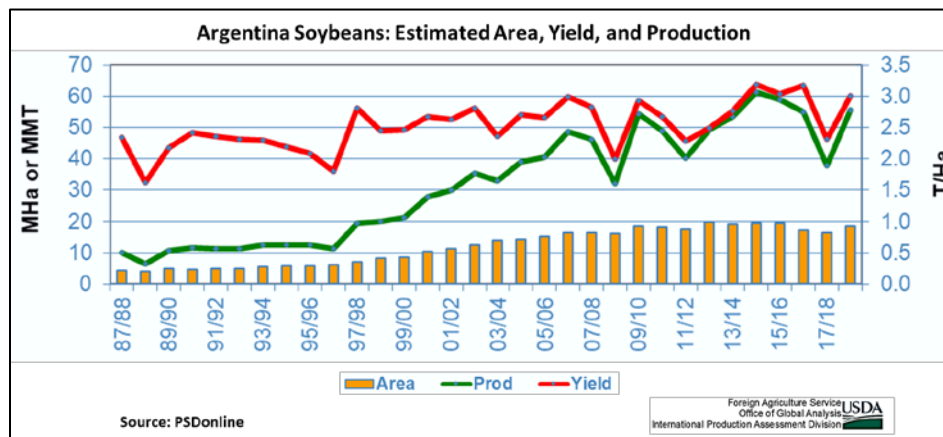
Australia Rapeseed: Estimated Production Revised Down



USDA estimates Australia’s 2018/19 rapeseed crop at 2.6 million metric tons (mmt), down 0.3 mmt (10 percent) from last month, and down 1.1 mmt (29 percent) from last year. Area is estimated at 2.3 million hectares (mha), down 50,000 hectares from last month, and down 0.4 mha (15 percent) from last year. The yield estimate of 1.13 tons per hectare is nearly the lowest in the past ten years.

Persistent dryness and subsoil moisture deficits in major portions of Australia’s winter crop region contributed to an estimated 18-percent drop in rapeseed yield below the 5-year average. Precipitation has been well below average since major sowing operations commenced in May. Satellite-derived seasonal vegetation indices reveal sharp differences in crop conditions between Western Australia and New South Wales, the two largest rapeseed producing states. Winter crops are sown in May and June. Harvest begins in October and is finished by the end of December. *(For more information, please contact James.Crutchfield@fas.usda.gov.)*

Argentina Soybeans: Planting Progress Slowed by Rains

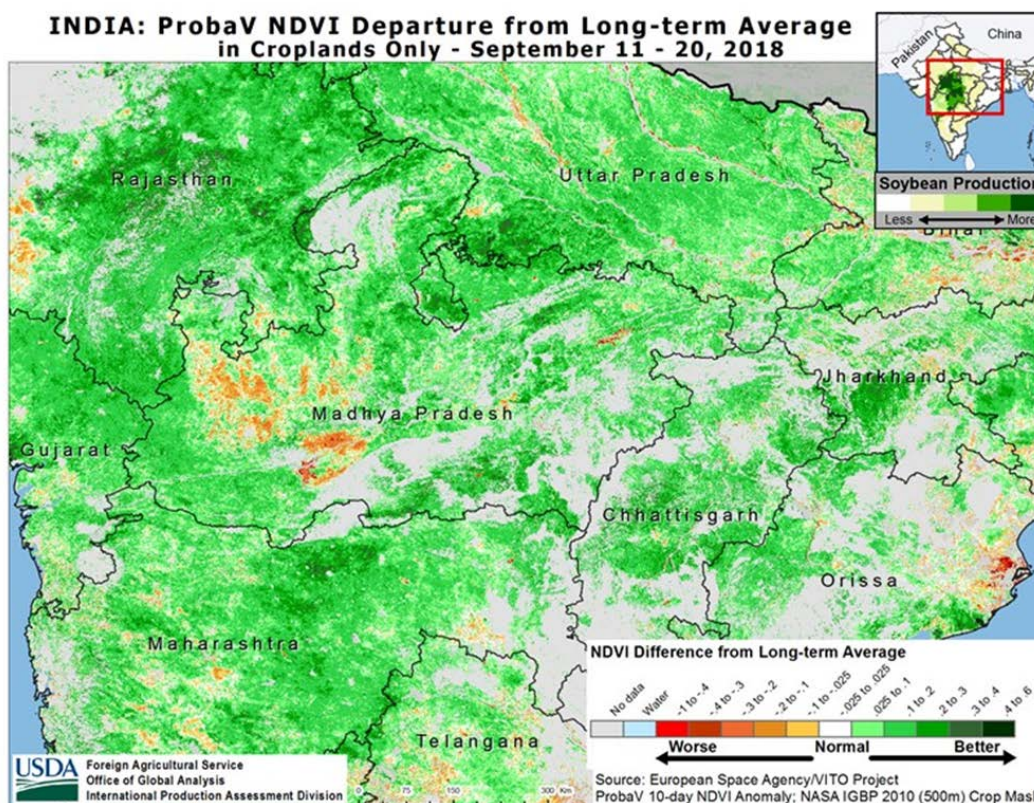


USDA forecasts 2018/19 Argentina soybean production at 55.5 million metric tons, down 3 percent from last month and up 47 percent from the drought-plagued 2017 season. Harvested area is estimated at 18.5 million hectares, down nearly 3 percent from last month but up 14 percent from last year. Yield is forecast at 3.00 tons per hectare, unchanged from last month, up

29 percent from last year, and up 4 percent from the 5-year average. Soybean planting has just begun and is proceeding slowly due to recent rains and cool temperatures. (For more information, please contact Denise.McWilliams@fas.usda.gov.)

India Soybeans: Record Yields Boost Production

USDA estimates 2018/19 India soybean production at 11.0 million metric tons, up nearly 32 percent from 2017/18. Area is estimated to reach 11.0 million hectares, up 6 percent from last year. Yield is estimated at 1.0 ton per hectare, up 25 percent from both last year and the 5-year average. The high yield is attributed to favorable weather in the major soybean producing areas.



Satellite-derived vegetation indices in soybean producing areas of Madhya Pradesh and Maharashtra show strong crop vigor during pod fill and development in mid-August. Soybeans are grown only in the *kharif* period. Ninety percent of the India’s soybeans are grown in Madhya Pradesh and Maharashtra. (For more information please contact, Arnella.Trent@fas.usda.gov.)



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

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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-583), November 8, 2018.

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 11, 2018.

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:

Current *World Market and Trade and World Agricultural Production* Reports:

<http://apps.fas.usda.gov/psdonline/psdDataPublications.aspx>

Archives *World Market and Trade and World Agricultural Production* Reports:

<http://usda.mannlib.cornell.edu/MannUsda/viewTaxonomy.do?taxonomyID=7>

Production, Supply and Distribution Database (PSD Online):

<http://apps.fas.usda.gov/psdonline/psdHome.aspx>

EU Countries Area & Production Estimates

<http://apps.fas.usda.gov/psdonline/psdDownload.aspx>

Global Agricultural Trade System (U.S. Exports and Imports):

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

Export Sales Report:

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

Global Agricultural Information Network (Agricultural Attaché Reports):

<http://gain.fas.usda.gov/Pages/Default.aspx>

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																			
2016/17	756.5	693.7	62.8	32.1	3.9	72.5	26.8	nr	133.3	87.0	0.0	25.6	0.0	18.4	6.7	31.8	1.9	17.3	236.3
2017/18 prel.	763.1	715.7	47.3	30.0	3.5	85.0	27.0	nr	134.3	98.5	0.0	26.7	0.0	18.5	4.3	21.3	1.5	21.0	244.1
2018/19 proj.																			
Oct	730.9	679.6	51.3	31.5	2.9	70.0	25.5	nr	128.0	99.7	0.0	26.3	0.0	19.5	4.7	18.5	1.9	19.0	232.2
Nov	733.5	682.2	51.3	31.5	2.9	70.0	25.0	nr	132.5	99.7	0.0	25.5	0.0	19.5	4.8	17.5	1.9	19.0	232.5
Coarse Grains																			
2016/17	1,413.7	1,011.1	402.6	26.6	33.3	40.8	39.2	nr	270.9	43.5	10.9	6.6	5.3	48.6	101.6	17.3	18.1	10.8	337.8
2017/18 prel.	1,357.1	972.8	384.3	26.2	33.1	41.7	34.1	nr	266.6	47.0	11.4	6.2	5.1	39.3	84.8	11.9	14.0	13.0	338.6
2018/19 proj.																			
Oct	1,343.4	953.9	389.4	27.2	31.7	34.5	39.7	nr	232.8	42.3	11.9	6.8	5.2	48.9	97.5	11.3	13.6	13.5	337.2
Nov	1,373.3	988.2	385.1	27.0	31.5	34.7	42.2	nr	263.8	42.3	11.9	6.8	5.2	50.4	97.5	11.1	13.6	13.5	336.9
Rice, Milled																			
2016/17	490.2	483.1	7.1	0.0	0.2	0.7	0.0	nr	147.8	109.7	36.9	6.8	19.2	0.9	8.4	0.6	0.0	0.5	151.5
2017/18 prel.	494.3	488.7	5.7	0.0	0.2	0.6	0.0	nr	148.9	112.9	37.0	7.5	20.4	0.9	8.2	0.5	0.0	0.5	151.1
2018/19 proj.																			
Oct	487.8	480.8	6.9	0.0	0.2	0.6	0.0	nr	140.8	111.0	37.3	7.4	21.2	0.8	8.2	0.4	0.0	0.5	152.3
Nov	490.7	483.8	6.9	0.0	0.2	0.6	0.0	nr	143.6	111.0	37.3	7.4	21.2	0.8	8.2	0.4	0.0	0.5	152.5
Total Grains																			
2016/17	2,660.4	2,187.9	472.6	58.8	37.3	114.0	66.1	nr	552.0	240.2	47.8	39.1	24.5	67.8	116.7	49.7	20.0	28.5	725.6
2017/18 prel.	2,614.5	2,177.2	437.3	56.2	36.7	127.3	61.1	nr	549.8	258.4	48.4	40.3	25.4	58.7	97.3	33.7	15.5	34.5	733.9
2018/19 proj.																			
Oct	2,562.0	2,114.4	447.7	58.7	34.8	105.1	65.2	nr	501.6	253.0	49.2	40.5	26.4	69.2	110.3	30.2	15.4	33.0	721.7
Nov	2,597.5	2,154.2	443.3	58.5	34.6	105.4	67.2	nr	539.9	253.0	49.2	39.7	26.4	70.6	110.4	29.0	15.5	33.0	721.9
Oilseeds																			
2016/17	572.5	445.6	126.9	26.2	1.1	15.0	20.7	nr	54.9	37.1	12.8	3.7	0.9	60.2	117.6	5.7	2.3	2.8	84.6
2017/18 prel.	574.2	442.7	131.5	29.1	1.3	15.5	19.8	nr	59.5	34.8	13.3	4.0	1.0	42.5	123.6	5.3	2.6	3.2	87.4
2018/19 proj.																			
Oct	604.0	465.6	138.4	28.7	1.3	16.7	21.9	nr	60.8	34.9	13.6	4.2	1.0	62.0	124.6	3.7	2.5	3.6	86.1
Nov	599.6	464.1	135.4	28.7	1.3	17.4	22.1	nr	59.9	35.2	13.6	3.9	1.0	60.4	124.6	3.4	2.5	3.6	86.5
Cotton																			
2016/17	106.7	89.5	17.2	0.0	0.8	0.0	0.0	1.3	22.8	27.0	0.0	7.7	0.0	0.8	7.0	4.1	0.1	3.2	14.9
2017/18 prel.	123.7	102.8	20.9	0.0	1.6	0.0	0.0	1.5	27.5	29.0	0.0	8.2	0.0	0.8	9.2	4.7	0.2	4.0	16.0
2018/19 proj.																			
Oct	121.7	101.9	19.8	0.0	1.7	0.0	0.0	1.7	27.5	28.7	0.0	8.5	0.0	1.1	10.0	2.5	0.2	4.5	15.5
Nov	119.4	101.0	18.4	0.0	1.7	0.0	0.0	1.7	27.5	28.0	0.0	8.0	0.0	1.1	10.0	2.5	0.2	4.5	15.8

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			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	222.71	220.00	216.62	217.05	3.40	3.47	3.37	3.38	756.51	763.06	730.92	733.51	2.59	0.35	-29.54	-3.87
United States	17.75	15.19	16.03	16.03	3.54	3.12	3.20	3.20	62.83	47.35	51.29	51.29	0.00	0.00	3.94	8.33
Total Foreign	204.97	204.81	200.59	201.02	3.38	3.49	3.39	3.39	693.68	715.71	679.64	682.23	2.59	0.38	-33.49	-4.68
European Union - 28	27.23	26.08	25.63	25.55	5.34	5.80	5.36	5.39	145.37	151.26	137.50	137.60	0.10	0.07	-13.66	-9.03
China	24.69	24.51	23.70	24.21	5.40	5.48	5.40	5.47	133.27	134.33	128.00	132.50	4.50	3.52	-1.83	-1.36
South Asia																
India	30.22	30.79	30.00	30.00	2.88	3.20	3.32	3.32	87.00	98.51	99.70	99.70	0.00	0.00	1.19	1.21
Pakistan	9.22	8.97	8.95	8.75	2.78	2.97	2.94	2.91	25.63	26.67	26.30	25.50	-0.80	-3.04	-1.17	-4.40
Afghanistan	2.55	2.55	2.50	2.50	2.00	1.96	1.60	1.60	5.10	5.00	4.00	4.00	0.00	0.00	-1.00	-20.00
Nepal	0.76	0.77	0.76	0.76	2.41	2.31	2.35	2.35	1.83	1.78	1.79	1.79	0.00	0.00	0.01	0.34
Former Soviet Union - 12																
Russia	27.00	27.34	26.00	26.00	2.69	3.11	2.69	2.69	72.53	84.99	70.00	70.00	0.00	0.00	-14.99	-17.64
Russia Winter	13.64	14.64	14.35	14.35	3.78	4.17	3.55	3.55	51.54	60.99	51.00	51.00	0.00	0.00	-9.99	-16.38
Russia Spring	13.37	12.70	11.65	11.65	1.57	1.89	1.63	1.63	20.99	24.01	19.00	19.00	0.00	0.00	-5.01	-20.85
Ukraine	6.46	6.64	6.90	6.90	4.15	4.06	3.70	3.62	26.79	26.98	25.50	25.00	-0.50	-1.96	-1.98	-7.34
Kazakhstan	12.37	11.91	11.20	11.30	1.21	1.24	1.34	1.33	14.99	14.80	15.00	15.00	0.00	0.00	0.20	1.34
Uzbekistan	1.40	1.40	1.40	1.40	4.96	4.93	4.29	4.29	6.94	6.90	6.00	6.00	0.00	0.00	-0.90	-13.04
Belarus	0.71	0.72	0.70	0.70	3.29	3.65	3.71	3.71	2.34	2.62	2.60	2.60	0.00	0.00	-0.02	-0.76
Canada	8.98	8.98	9.80	9.80	3.58	3.34	3.21	3.21	32.14	29.98	31.50	31.50	0.00	0.00	1.52	5.06
South America																
Argentina	5.56	5.80	6.00	6.00	3.31	3.19	3.25	3.25	18.40	18.50	19.50	19.50	0.00	0.00	1.00	5.41
Brazil	2.12	1.92	2.00	2.04	3.17	2.23	2.35	2.35	6.73	4.26	4.70	4.80	0.10	2.13	0.54	12.57
Uruguay	0.22	0.19	0.20	0.20	3.52	2.28	3.00	3.50	0.76	0.44	0.60	0.70	0.10	16.67	0.26	59.09
Australia	12.19	12.25	11.00	10.80	2.61	1.74	1.68	1.62	31.82	21.30	18.50	17.50	-1.00	-5.41	-3.80	-17.84
Africa																
Egypt	1.26	1.32	1.32	1.32	6.43	6.40	6.40	6.40	8.10	8.45	8.45	8.45	0.00	0.00	0.00	0.00
Morocco	2.41	3.32	3.10	2.85	1.13	2.14	2.65	2.58	2.73	7.09	8.20	7.34	-0.86	-10.49	0.25	3.50
Ethiopia	1.70	1.70	1.70	1.70	2.68	2.65	2.65	2.65	4.54	4.50	4.50	4.50	0.00	0.00	0.00	0.00
Algeria	1.30	1.60	1.60	2.07	1.54	1.50	1.88	1.90	2.00	2.40	3.00	3.94	0.94	31.33	1.54	64.17
Middle East																
Turkey	7.82	7.80	7.62	7.62	2.21	2.69	2.50	2.50	17.25	21.00	19.00	19.00	0.00	0.00	-2.00	-9.52
Iran	6.70	6.70	6.70	6.70	2.16	2.09	2.16	2.16	14.50	14.00	14.50	14.50	0.00	0.00	0.50	3.57
Iraq	2.35	2.23	2.30	2.30	1.80	1.81	1.74	1.74	4.23	4.03	4.00	4.00	0.00	0.00	-0.03	-0.62
Syria	1.10	1.10	1.10	1.10	2.18	2.00	1.82	1.82	2.40	2.20	2.00	2.00	0.00	0.00	-0.20	-9.09
Mexico	0.72	0.67	0.54	0.54	5.34	5.24	5.37	5.37	3.87	3.49	2.90	2.90	0.00	0.00	-0.59	-17.00
Serbia	0.61	0.54	0.68	0.68	4.92	4.26	4.74	4.74	3.00	2.30	3.20	3.20	0.00	0.00	0.90	39.13
Others	7.30	7.01	7.20	7.24	2.66	2.55	2.60	2.58	19.43	17.90	18.70	18.71	0.01	0.05	0.81	4.53

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			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	337.19	326.38	320.11	325.47	4.19	4.16	4.20	4.22	1,413.75	1,357.09	1,343.37	1,373.28	29.91	2.23	16.18	1.19
United States	39.20	36.74	36.41	36.41	10.27	10.46	10.70	10.58	402.61	384.26	389.44	385.12	-4.32	-1.11	0.86	0.22
Total Foreign	297.99	289.64	283.70	289.06	3.39	3.36	3.36	3.42	1,011.14	972.84	953.93	988.16	34.23	3.59	15.32	1.57
China	46.29	44.58	38.76	43.76	5.85	5.98	6.01	6.03	270.93	266.57	232.81	263.81	31.00	13.32	-2.77	-1.04
European Union	29.49	29.13	29.02	29.19	5.18	5.24	5.11	5.02	152.83	152.49	148.43	146.69	-1.74	-1.17	-5.80	-3.80
South America																
Brazil	18.62	17.71	18.63	18.63	5.46	4.79	5.23	5.23	101.58	84.79	97.49	97.49	0.00	0.00	12.69	14.97
Argentina	6.84	7.10	7.00	7.20	7.11	5.54	6.98	6.99	48.57	39.32	48.85	50.35	1.50	3.07	11.03	28.06
Former Soviet Union - 12																
Russia	15.14	14.74	14.13	14.03	2.69	2.83	2.44	2.48	40.77	41.71	34.48	34.73	0.25	0.73	-6.99	-16.75
Ukraine	7.82	7.59	7.44	7.44	5.01	4.49	5.34	5.67	39.22	34.07	39.70	42.20	2.50	6.30	8.12	23.84
Kazakhstan	2.33	2.49	2.96	2.96	1.90	1.79	1.84	1.84	4.43	4.45	5.46	5.46	0.00	0.00	1.00	22.53
Belarus	0.96	1.00	1.05	1.05	3.16	3.30	3.34	3.34	3.03	3.29	3.51	3.51	0.00	0.00	0.22	6.69
Africa																
Nigeria	14.10	13.80	13.80	13.80	1.34	1.36	1.40	1.40	18.82	18.80	19.30	19.30	0.00	0.00	0.50	2.66
South Africa	3.18	2.80	2.83	2.83	5.69	4.99	4.80	4.81	18.12	14.00	13.60	13.61	0.01	0.07	-0.39	-2.80
Tanzania	5.31	5.35	5.35	5.35	1.11	1.21	1.22	1.22	5.90	6.50	6.55	6.55	0.00	0.00	0.05	0.77
Burkina	3.83	3.85	3.85	3.85	1.09	0.97	1.14	1.14	4.17	3.73	4.40	4.40	0.00	0.00	0.67	18.06
Ethiopia	5.43	5.69	5.71	5.71	2.78	2.45	2.48	2.48	15.09	13.96	14.18	14.18	0.00	0.00	0.22	1.58
Egypt	0.97	1.02	1.07	1.07	7.05	7.09	7.14	7.14	6.86	7.26	7.66	7.66	0.00	0.00	0.40	5.51
Mali	4.63	3.95	3.95	3.95	1.30	1.71	1.34	1.34	6.01	6.76	5.30	5.30	0.00	0.00	-1.46	-21.54
India	25.18	23.81	23.15	23.15	1.73	1.97	1.83	1.83	43.47	46.97	42.25	42.25	0.00	0.00	-4.72	-10.05
Southeast Asia																
Indonesia	3.40	3.45	3.50	3.50	3.21	3.30	3.40	3.40	10.90	11.40	11.90	11.90	0.00	0.00	0.50	4.39
Philippines	2.69	2.60	2.60	2.60	3.01	3.08	3.15	3.15	8.09	7.98	8.20	8.20	0.00	0.00	0.22	2.76
Vietnam	1.10	1.05	0.85	0.85	4.60	4.65	4.65	4.65	5.06	4.88	3.95	3.95	0.00	0.00	-0.93	-19.06
Thailand	1.20	1.15	1.18	1.18	4.39	4.39	4.40	4.40	5.25	5.05	5.18	5.18	0.00	0.00	0.13	2.57
Mexico	9.34	9.07	9.06	8.91	3.56	3.65	3.50	3.53	33.26	33.07	31.69	31.49	-0.20	-0.63	-1.58	-4.78
Canada	4.82	4.74	4.96	4.98	5.52	5.54	5.49	5.42	26.62	26.24	27.23	26.95	-0.28	-1.01	0.72	2.73
Australia	6.38	5.31	5.51	5.47	2.71	2.24	2.05	2.03	17.27	11.91	11.30	11.10	-0.20	-1.77	-0.81	-6.82
Middle East																
Turkey	4.19	4.22	4.34	4.34	2.57	3.08	3.10	3.10	10.78	12.97	13.45	13.45	0.00	0.00	0.48	3.70
Iran	1.75	1.79	1.79	1.79	2.24	2.41	2.41	2.41	3.92	4.32	4.32	4.32	0.00	0.00	0.00	0.00
Others	73.01	71.67	71.21	71.48	1.51	1.54	1.58	1.60	110.21	110.35	112.78	114.16	1.38	1.22	3.80	3.45

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			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	194.34	190.63	183.76	188.63	5.78	5.65	5.81	5.83	1,122.45	1,076.23	1,068.31	1,098.95	30.65	2.87	22.72	2.11
United States	35.11	33.47	33.09	33.09	10.96	11.08	11.34	11.23	384.78	370.96	375.37	371.52	-3.86	-1.03	0.56	0.15
Total Foreign	159.24	157.16	150.67	155.54	4.63	4.49	4.60	4.68	737.67	705.27	692.93	727.44	34.50	4.98	22.16	3.14
China	44.18	42.40	36.50	41.50	5.97	6.11	6.16	6.17	263.61	259.07	225.00	256.00	31.00	13.78	-3.07	-1.19
South America																
Brazil	17.60	16.60	17.50	17.50	5.60	4.94	5.40	5.40	98.50	82.00	94.50	94.50	0.00	0.00	12.50	15.24
Argentina	4.90	5.20	5.00	5.20	8.37	6.15	8.20	8.17	41.00	32.00	41.00	42.50	1.50	3.66	10.50	32.81
Bolivia	0.09	0.37	0.33	0.33	1.38	2.50	2.65	2.65	0.12	0.93	0.88	0.88	0.00	0.00	-0.05	-5.41
European Union	8.57	8.38	8.25	8.05	7.23	7.41	7.39	7.39	61.88	62.10	61.00	59.50	-1.50	-2.46	-2.60	-4.19
Africa																
South Africa	3.00	2.63	2.60	2.60	5.86	5.13	5.00	5.00	17.55	13.53	13.00	13.00	0.00	0.00	-0.53	-3.88
Nigeria	6.54	6.50	6.50	6.50	1.59	1.69	1.69	1.69	10.42	11.00	11.00	11.00	0.00	0.00	0.00	0.00
Ethiopia	2.14	2.23	2.25	2.25	3.42	3.14	3.16	3.16	7.30	7.00	7.10	7.10	0.00	0.00	0.10	1.43
Egypt	0.75	0.80	0.85	0.85	8.00	8.00	8.00	8.00	6.00	6.40	6.80	6.80	0.00	0.00	0.40	6.25
Tanzania	4.20	4.20	4.20	4.20	1.15	1.27	1.29	1.29	4.82	5.35	5.40	5.40	0.00	0.00	0.05	0.93
Malawi	1.67	1.70	1.70	1.70	1.42	2.04	1.65	1.65	2.37	3.46	2.80	2.80	0.00	0.00	-0.66	-19.17
Zambia	1.16	1.43	1.09	1.09	2.48	2.52	2.21	2.21	2.87	3.61	2.40	2.40	0.00	0.00	-1.21	-33.60
Kenya	2.34	2.10	2.15	2.20	1.43	1.40	1.63	1.82	3.34	2.95	3.50	4.00	0.50	14.29	1.05	35.59
Uganda	1.15	1.10	1.10	1.10	2.32	2.55	2.27	2.27	2.66	2.80	2.50	2.50	0.00	0.00	-0.30	-10.71
Zimbabwe	0.77	1.88	1.72	1.72	0.66	1.15	0.99	0.99	0.51	2.16	1.70	1.70	0.00	0.00	-0.46	-21.10
Former Soviet Union - 12																
Ukraine	4.24	4.43	4.50	4.50	6.60	5.44	6.89	7.44	27.97	24.12	31.00	33.50	2.50	8.06	9.39	38.92
Russia	2.78	2.70	2.45	2.35	5.51	4.90	4.49	4.79	15.31	13.23	11.00	11.25	0.25	2.27	-1.98	-14.96
South Asia																
India	9.63	9.22	9.20	9.20	2.69	3.12	2.83	2.83	25.90	28.72	26.00	26.00	0.00	0.00	-2.72	-9.47
Pakistan	1.35	1.23	1.32	1.32	4.55	4.63	4.77	4.77	6.13	5.70	6.30	6.30	0.00	0.00	0.60	10.51
Nepal	0.89	0.90	0.90	0.90	2.62	2.84	2.83	2.83	2.34	2.56	2.55	2.55	0.00	0.00	-0.01	-0.20
Southeast Asia																
Indonesia	3.40	3.45	3.50	3.50	3.21	3.30	3.40	3.40	10.90	11.40	11.90	11.90	0.00	0.00	0.50	4.39
Philippines	2.69	2.60	2.60	2.60	3.01	3.08	3.15	3.15	8.09	7.98	8.20	8.20	0.00	0.00	0.22	2.76
Vietnam	1.10	1.05	0.85	0.85	4.60	4.65	4.65	4.65	5.06	4.88	3.95	3.95	0.00	0.00	-0.93	-19.06
Thailand	1.17	1.12	1.15	1.15	4.45	4.45	4.46	4.46	5.20	5.00	5.13	5.13	0.00	0.00	0.13	2.60
Mexico	7.51	7.32	7.20	7.20	3.67	3.75	3.61	3.61	27.58	27.45	26.00	26.00	0.00	0.00	-1.45	-5.28
Canada	1.41	1.41	1.45	1.45	9.82	10.03	10.00	10.00	13.89	14.10	14.50	14.50	0.00	0.00	0.40	2.84
Turkey	0.57	0.60	0.53	0.53	9.65	10.00	10.38	10.38	5.50	6.00	5.50	5.50	0.00	0.00	-0.50	-8.33
Others	23.45	23.61	23.28	23.21	2.60	2.53	2.68	2.70	60.86	59.79	62.33	62.58	0.25	0.41	2.80	4.67

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						
	2016/17	Prel.		2018/19 Proj.		2016/17	Prel.		2018/19 Proj.		2016/17	Prel.		2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov	2017/18		Oct	Nov	2017/18	Oct		Nov	MMT	Percent	MMT	Percent			
World	49.28	48.07	48.76	49.40	2.98	3.00	2.90	2.86	147.06	144.04	141.25	141.32	0.07	0.05	-2.72	-1.88			
United States	1.04	0.79	0.80	0.80	4.19	3.91	4.17	4.17	4.35	3.09	3.33	3.33	0.00	0.00	0.24	7.86			
Total Foreign	48.24	47.28	47.96	48.60	2.96	2.98	2.88	2.84	142.70	140.95	137.92	137.99	0.07	0.05	-2.96	-2.10			
European Union	12.31	12.09	12.10	12.50	4.86	4.87	4.73	4.59	59.87	58.84	57.25	57.35	0.10	0.17	-1.49	-2.53			
Former Soviet Union - 12																			
Russia	7.96	7.85	7.70	7.70	2.21	2.57	2.14	2.14	17.55	20.18	16.50	16.50	0.00	0.00	-3.68	-18.25			
Ukraine	3.05	2.65	2.50	2.50	3.24	3.28	3.04	3.04	9.87	8.70	7.60	7.60	0.00	0.00	-1.10	-12.59			
Kazakhstan	1.89	2.07	2.50	2.50	1.71	1.60	1.68	1.68	3.23	3.31	4.20	4.20	0.00	0.00	0.90	27.08			
Belarus	0.45	0.45	0.50	0.50	2.78	3.14	3.40	3.40	1.25	1.42	1.70	1.70	0.00	0.00	0.28	19.72			
Azerbaijan	0.36	0.32	0.35	0.35	2.69	2.55	2.79	2.49	0.95	0.82	0.98	0.87	-0.11	-10.77	0.06	6.75			
Canada	2.27	2.11	2.35	2.35	3.90	3.74	3.74	3.62	8.84	7.90	8.80	8.50	-0.30	-3.41	0.60	7.59			
Australia	4.83	3.90	4.00	3.90	2.79	2.28	1.95	1.90	13.51	8.90	7.80	7.40	-0.40	-5.13	-1.50	-16.85			
Middle East																			
Turkey	3.40	3.40	3.60	3.60	1.40	1.88	2.06	2.06	4.75	6.40	7.40	7.40	0.00	0.00	1.00	15.63			
Iran	1.61	1.60	1.60	1.60	1.86	1.94	1.94	1.94	3.00	3.10	3.10	3.10	0.00	0.00	0.00	0.00			
Iraq	1.20	1.07	1.00	1.00	1.29	1.24	1.00	1.00	1.55	1.33	1.00	1.00	0.00	0.00	-0.33	-24.53			
Syria	0.88	0.80	0.80	0.80	0.82	0.97	0.63	0.50	0.72	0.78	0.50	0.40	-0.10	-20.00	-0.38	-48.52			
Africa																			
Ethiopia	0.96	1.20	1.20	1.20	2.11	1.75	1.81	1.81	2.03	2.10	2.17	2.17	0.00	0.00	0.07	3.33			
Morocco	1.21	1.80	1.50	1.75	0.51	1.11	1.67	1.66	0.62	2.00	2.50	2.91	0.41	16.40	0.91	45.50			
Algeria	0.90	0.76	0.90	1.03	1.11	1.27	1.56	1.90	1.00	0.97	1.40	1.95	0.55	39.29	0.98	101.45			
Tunisia	0.28	0.36	0.34	0.34	1.34	1.31	1.31	1.31	0.38	0.47	0.45	0.45	0.00	0.00	-0.03	-5.32			
South Africa	0.09	0.09	0.12	0.12	3.99	3.37	3.25	3.33	0.36	0.31	0.39	0.40	0.01	2.56	0.09	30.29			
South America																			
Argentina	0.87	0.94	1.00	1.00	3.79	4.00	4.00	4.00	3.30	3.74	4.00	4.00	0.00	0.00	0.26	6.95			
Uruguay	0.19	0.15	0.17	0.17	3.57	2.52	4.00	4.00	0.68	0.39	0.66	0.66	0.00	0.00	0.28	71.43			
Brazil	0.10	0.11	0.12	0.12	3.91	2.61	2.88	2.88	0.38	0.28	0.35	0.35	0.00	0.00	0.06	22.34			
India	0.59	0.66	0.68	0.68	2.44	2.67	2.61	2.61	1.44	1.75	1.77	1.77	0.00	0.00	0.02	1.14			
China	0.43	0.43	0.45	0.45	4.08	4.19	4.11	4.11	1.75	1.80	1.85	1.85	0.00	0.00	0.05	2.78			
Mexico	0.33	0.36	0.36	0.36	2.96	2.81	2.78	2.78	0.98	1.00	1.00	1.00	0.00	0.00	0.00	-0.40			
Afghanistan	0.22	0.25	0.25	0.25	1.83	1.60	1.40	1.40	0.40	0.40	0.35	0.35	0.00	0.00	-0.05	-12.50			
Others	1.88	1.86	1.88	1.84	2.29	2.19	2.25	2.24	4.31	4.09	4.22	4.12	-0.10	-2.25	0.04	0.86			

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			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	9.67	9.51	9.52	9.50	2.50	2.46	2.43	2.41	24.17	23.41	23.16	22.86	-0.30	-1.30	-0.55	-2.35
United States	0.40	0.32	0.35	0.35	2.37	2.21	2.33	2.33	0.94	0.72	0.82	0.82	0.00	0.00	0.10	13.67
Total Foreign	9.28	9.19	9.17	9.15	2.51	2.47	2.44	2.41	23.23	22.69	22.34	22.04	-0.30	-1.34	-0.65	-2.86
European Union	2.57	2.68	2.68	2.67	3.13	3.01	3.10	3.02	8.04	8.07	8.30	8.05	-0.25	-3.01	-0.02	-0.27
Former Soviet Union - 12																
Russia	2.75	2.78	2.75	2.75	1.73	1.96	1.75	1.75	4.75	5.44	4.80	4.80	0.00	0.00	-0.64	-11.78
Ukraine	0.21	0.21	0.20	0.20	2.38	2.31	2.38	2.38	0.51	0.48	0.48	0.48	0.00	0.00	-0.01	-1.25
Belarus	0.15	0.15	0.16	0.16	2.67	3.33	2.88	2.88	0.39	0.50	0.46	0.46	0.00	0.00	-0.04	-8.00
Kazakhstan	0.21	0.21	0.25	0.25	1.60	1.34	1.39	1.39	0.34	0.29	0.34	0.34	0.00	0.00	0.06	19.30
Canada	0.93	1.05	1.00	1.00	3.49	3.55	3.45	3.45	3.23	3.73	3.45	3.45	0.00	0.00	-0.28	-7.58
South America																
Argentina	0.32	0.22	0.25	0.25	2.45	2.24	2.40	2.40	0.79	0.49	0.60	0.60	0.00	0.00	0.11	21.95
Brazil	0.29	0.34	0.35	0.35	2.84	1.86	2.18	2.18	0.83	0.63	0.77	0.77	0.00	0.00	0.14	21.45
Chile	0.14	0.11	0.14	0.14	5.20	5.29	5.00	5.00	0.71	0.57	0.68	0.68	0.00	0.00	0.10	18.21
Uruguay	0.03	0.03	0.02	0.02	1.58	1.52	1.58	1.58	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
Oceania																
Australia	1.03	0.74	0.70	0.69	2.20	1.51	1.57	1.52	2.27	1.12	1.10	1.05	-0.05	-4.55	-0.07	-6.25
New Zealand	0.01	0.01	0.01	0.01	5.38	5.67	5.33	5.33	0.04	0.03	0.03	0.03	0.00	0.00	0.00	-5.88
China	0.21	0.21	0.22	0.22	1.41	1.43	1.42	1.42	0.29	0.30	0.31	0.31	0.00	0.00	0.01	1.67
Africa																
Algeria	0.09	0.09	0.09	0.09	1.29	1.29	1.29	1.29	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Morocco	0.05	0.05	0.05	0.05	1.44	1.44	1.40	1.40	0.07	0.07	0.06	0.06	0.00	0.00	0.00	-3.08
South Africa	0.04	0.03	0.03	0.03	1.60	1.83	1.83	1.83	0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.00
Other Europe																
Norway	0.08	0.08	0.08	0.08	4.34	4.00	4.00	4.00	0.33	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	0.01	0.01	0.01	0.01	2.08	2.08	2.08	2.08	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	2.90	2.57	3.00	3.00	0.03	0.02	0.03	0.03	0.00	0.00	0.01	66.67
Turkey	0.10	0.11	0.10	0.10	2.27	2.21	2.30	2.30	0.23	0.25	0.23	0.23	0.00	0.00	-0.02	-8.00
Mexico	0.04	0.04	0.05	0.05	1.89	1.64	1.80	1.80	0.07	0.07	0.09	0.09	0.00	0.00	0.02	25.00
Others	0.02	0.01	0.01	0.01	1.93	1.86	1.79	1.79	0.03	0.03	0.03	0.03	0.00	0.00	0.00	-3.85

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			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	4.14	4.02	3.74	3.84	2.98	3.05	2.80	2.75	12.33	12.27	10.48	10.58	0.10	0.95	-1.69	-13.79
United States	0.17	0.12	0.11	0.11	2.04	2.12	1.95	1.95	0.34	0.25	0.21	0.21	0.00	0.00	-0.03	-13.01
Total Foreign	3.97	3.90	3.63	3.73	3.02	3.08	2.83	2.78	11.99	12.03	10.27	10.37	0.10	0.97	-1.66	-13.80
European Union	1.92	1.94	1.90	2.00	3.89	3.82	3.42	3.30	7.44	7.41	6.50	6.60	0.10	1.54	-0.81	-10.94
Former Soviet Union - 12																
Russia	1.25	1.17	0.98	0.98	2.03	2.17	1.90	1.90	2.54	2.54	1.85	1.85	0.00	0.00	-0.69	-27.28
Belarus	0.24	0.26	0.25	0.25	2.70	2.62	2.60	2.60	0.65	0.67	0.65	0.65	0.00	0.00	-0.02	-2.99
Ukraine	0.15	0.17	0.15	0.15	2.72	2.97	2.76	2.76	0.39	0.51	0.40	0.40	0.00	0.00	-0.11	-21.57
Kazakhstan	0.04	0.03	0.02	0.02	1.14	1.26	1.14	1.14	0.04	0.04	0.03	0.03	0.00	0.00	-0.01	-35.90
Turkey	0.12	0.10	0.11	0.11	2.61	3.17	2.91	2.91	0.30	0.32	0.32	0.32	0.00	0.00	0.00	0.00
Canada	0.14	0.10	0.10	0.10	3.11	3.30	3.00	3.00	0.44	0.32	0.30	0.30	0.00	0.00	-0.02	-6.25
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	0.04	0.05	0.05	0.05	1.93	1.91	2.11	2.11	0.08	0.09	0.10	0.10	0.00	0.00	0.01	10.47
Other Europe																
Bosnia and Herzegovina	0.00	0.00	0.00	0.00	3.25	3.67	3.67	3.67	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
Switzerland	0.00	0.00	0.00	0.00	5.50	5.50	5.50	5.50	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
Serbia	0.00	0.00	0.00	0.00	2.50	2.50	2.50	2.50	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
Australia	0.04	0.04	0.04	0.04	0.63	0.65	0.65	0.65	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Others	0.03	0.04	0.04	0.04	1.30	1.72	1.72	1.72	0.04	0.06	0.06	0.06	0.00	0.00	0.00	0.00

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						
	2016/17	Prel.		2018/19 Proj.		2016/17	Prel.		2018/19 Proj.		2016/17	Prel.		2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov	2017/18		Oct	Nov	2017/18	Oct		Nov	MMT	Percent	MMT	Percent			
World	44.29	40.01	41.37	41.25	1.43	1.44	1.43	1.43	63.37	57.55	59.21	58.78	-0.43	-0.73	1.23	2.13			
United States	2.49	2.04	2.06	2.06	4.89	4.53	4.71	4.48	12.20	9.24	9.70	9.24	-0.46	-4.77	0.00	-0.04			
Total Foreign	41.80	37.96	39.31	39.18	1.22	1.27	1.26	1.26	51.17	48.31	49.51	49.54	0.03	0.06	1.23	2.54			
Africa																			
Nigeria	5.82	5.80	5.80	5.80	1.19	1.09	1.17	1.17	6.94	6.30	6.80	6.80	0.00	0.00	0.50	7.94			
Ethiopia	1.88	1.82	1.82	1.82	2.52	2.23	2.25	2.25	4.75	4.05	4.10	4.10	0.00	0.00	0.05	1.23			
Sudan	9.16	6.30	7.00	7.00	0.71	0.59	0.57	0.57	6.47	3.74	4.00	4.00	0.00	0.00	0.26	6.87			
Burkina	1.73	1.67	1.80	1.80	0.96	0.82	1.00	1.00	1.66	1.37	1.80	1.80	0.00	0.00	0.43	31.77			
Mali	1.56	1.35	1.35	1.35	0.89	1.26	0.96	0.96	1.39	1.71	1.30	1.30	0.00	0.00	-0.41	-23.75			
Niger	3.61	3.70	3.70	3.70	0.50	0.53	0.46	0.46	1.81	1.94	1.70	1.70	0.00	0.00	-0.24	-12.55			
Cameroon	0.86	0.85	0.85	0.85	1.56	1.65	1.65	1.65	1.34	1.40	1.40	1.40	0.00	0.00	0.00	0.00			
Tanzania	0.78	0.80	0.80	0.80	0.97	1.00	1.00	1.00	0.76	0.80	0.80	0.80	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	0.40	0.35	0.35	0.35	0.79	0.94	0.97	0.97	0.32	0.33	0.34	0.34	0.00	0.00	0.01	3.03			
Ghana	0.23	0.25	0.25	0.25	1.00	1.12	1.12	1.12	0.23	0.28	0.28	0.28	0.00	0.00	0.00	0.00			
Mozambique	0.26	0.37	0.32	0.32	0.45	0.68	0.67	0.67	0.12	0.25	0.22	0.22	0.00	0.00	-0.04	-14.00			
South Africa	0.04	0.03	0.06	0.06	3.62	3.79	2.50	2.50	0.15	0.11	0.15	0.15	0.00	0.00	0.04	36.36			
Mexico	1.47	1.35	1.45	1.30	3.17	3.37	3.17	3.38	4.64	4.55	4.60	4.40	-0.20	-4.35	-0.15	-3.19			
South America																			
Argentina	0.70	0.70	0.70	0.70	4.86	4.29	4.50	4.50	3.40	3.00	3.15	3.15	0.00	0.00	0.15	5.00			
Brazil	0.63	0.66	0.66	0.66	2.97	2.85	2.84	2.84	1.87	1.87	1.86	1.86	0.00	0.00	-0.01	-0.37			
South Asia																			
India	5.86	4.83	5.20	5.20	0.78	1.03	0.88	0.88	4.57	4.95	4.60	4.60	0.00	0.00	-0.35	-7.07			
Pakistan	0.26	0.20	0.23	0.23	0.58	0.65	0.62	0.62	0.15	0.13	0.14	0.14	0.00	0.00	0.01	7.69			
China	0.63	0.68	0.72	0.72	4.78	4.74	4.79	4.79	2.99	3.20	3.45	3.45	0.00	0.00	0.25	7.81			
Australia	0.37	0.53	0.68	0.75	2.70	2.71	2.87	2.93	0.99	1.44	1.95	2.20	0.25	12.82	0.76	52.88			
European Union	0.12	0.12	0.12	0.13	5.45	5.41	5.51	5.45	0.63	0.67	0.68	0.69	0.01	2.06	0.02	3.13			
Others	5.32	5.48	5.31	5.27	0.99	1.00	1.03	1.03	5.26	5.48	5.44	5.41	-0.04	-0.64	-0.07	-1.24			

World and Selected Countries and Regions

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

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2018/19 Proj.		Prel.		2018/19 Proj.		Prel.		2018/19 Proj.		From last month		From last year	
	2016/17	2017/18	Oct	Nov	2016/17	2017/18	Oct	Nov	2016/17	2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	162.20	162.31	161.99	162.60	4.51	4.55	4.50	4.51	490.19	494.31	487.76	490.70	2.94	0.60	-3.62	-0.73
United States	1.25	0.96	1.17	1.17	8.11	8.41	8.45	8.43	7.12	5.66	6.95	6.93	-0.02	-0.23	1.27	22.48
Total Foreign	160.94	161.35	160.81	161.42	4.48	4.52	4.47	4.48	483.07	488.66	480.81	483.77	2.96	0.61	-4.89	-1.00
East Asia																
China	30.75	30.75	29.50	30.06	6.87	6.92	6.82	6.82	147.77	148.87	140.80	143.58	2.78	1.98	-5.29	-3.55
Japan	1.57	1.56	1.56	1.56	6.94	6.87	6.78	6.78	7.93	7.79	7.70	7.70	0.00	0.00	-0.09	-1.12
Korea, South	0.78	0.76	0.71	0.74	7.18	7.01	7.05	7.00	4.20	3.97	3.73	3.88	0.15	3.89	-0.10	-2.44
Korea, North	0.47	0.48	0.50	0.50	5.49	5.09	4.92	4.92	1.67	1.57	1.60	1.60	0.00	0.00	0.03	1.72
South Asia																
India	43.99	43.79	44.00	44.00	3.74	3.87	3.78	3.78	109.70	112.91	111.00	111.00	0.00	0.00	-1.91	-1.69
Bangladesh	11.75	11.27	11.66	11.68	4.42	4.35	4.43	4.43	34.58	32.65	34.40	34.50	0.10	0.29	1.85	5.67
Pakistan	2.72	2.90	2.80	2.80	3.77	3.85	3.96	3.96	6.85	7.45	7.40	7.40	0.00	0.00	-0.05	-0.67
Nepal	1.50	1.49	1.50	1.50	3.48	3.34	3.33	3.33	3.48	3.31	3.33	3.33	0.00	0.00	0.02	0.60
Sri Lanka	0.69	0.77	0.90	0.90	4.36	4.30	4.30	4.30	2.03	2.25	2.63	2.63	0.00	0.00	0.38	17.04
Southeast Asia																
Indonesia	12.24	12.25	12.24	12.24	4.78	4.76	4.80	4.80	36.86	37.00	37.30	37.30	0.00	0.00	0.30	0.81
Vietnam	7.71	7.69	7.76	7.76	5.68	5.92	5.99	5.99	27.40	28.47	29.07	29.07	0.00	0.00	0.60	2.10
Thailand	10.25	10.68	11.14	11.14	2.84	2.89	2.88	2.88	19.20	20.37	21.20	21.20	0.00	0.00	0.83	4.07
Burma	7.03	7.10	7.10	7.10	2.81	2.90	2.89	2.89	12.65	13.20	13.12	13.12	0.00	0.00	-0.08	-0.61
Philippines	4.72	4.84	4.81	4.81	3.93	4.01	4.01	4.01	11.69	12.24	12.15	12.15	0.00	0.00	-0.09	-0.69
Cambodia	3.10	3.18	3.25	3.25	2.78	2.78	2.78	2.78	5.26	5.40	5.50	5.50	0.00	0.00	0.10	1.87
Laos	0.97	0.96	0.99	0.99	3.18	3.30	3.30	3.30	1.95	2.00	2.05	2.05	0.00	0.00	0.05	2.50
Malaysia	0.70	0.70	0.70	0.70	4.03	4.03	4.03	4.03	1.82	1.82	1.82	1.82	0.00	0.00	0.00	0.00
South America																
Brazil	1.98	1.97	1.96	1.96	6.22	6.12	6.12	6.12	8.38	8.21	8.16	8.16	0.00	0.00	-0.05	-0.58
Peru	0.42	0.44	0.41	0.41	7.54	7.06	7.35	7.35	2.19	2.12	2.10	2.10	0.00	0.00	-0.02	-0.94
Africa																
Egypt	0.85	0.76	0.46	0.46	8.18	8.18	8.78	8.78	4.80	4.30	2.80	2.80	0.00	0.00	-1.50	-34.88
Madagascar	1.48	1.43	1.50	1.50	2.59	2.18	2.87	2.87	2.44	1.98	2.75	2.75	0.00	0.00	0.77	38.71
Nigeria	3.00	3.20	3.20	3.20	2.00	1.88	1.88	1.88	3.78	3.78	3.78	3.78	0.00	0.00	0.00	0.00
European Union	0.44	0.43	0.42	0.42	6.83	6.69	6.89	6.79	2.09	2.00	2.00	1.96	-0.04	-2.00	-0.04	-1.80
Iran	0.63	0.63	0.63	0.63	4.03	4.16	4.12	4.12	1.66	1.72	1.70	1.70	0.00	0.00	-0.02	-0.93
Others	11.22	11.34	11.14	11.14	3.07	3.12	3.10	3.10	22.71	23.28	22.72	22.68	-0.03	-0.14	-0.60	-2.56

Yield is on a rough basis, before the milling process. Production is on a milled basis, after the milling process.

Table 10 Total Oilseed Area, Yield, and Production

World and Selected Countries and Regions

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2018/19 Proj.		Prel.		2018/19 Proj.		Prel.		2018/19 Proj.		From last month		From last year	
	2016/17	2017/18	Oct	Nov	2016/17	2017/18	Oct	Nov	2016/17	2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World Total	--	--	--	--	--	--	--	--	572.50	574.19	603.95	599.57	-4.38	-0.72	25.38	4.42
Total Foreign	--	--	--	--	--	--	--	--	445.57	442.70	465.57	464.13	-1.44	-0.31	21.43	4.84
Oilseed, Copra	--	--	--	--	--	--	--	--	5.51	5.73	5.83	5.83	0.00	0.00	0.10	1.66
Oilseed, Palm Kernel	--	--	--	--	--	--	--	--	17.36	18.40	19.11	19.11	0.00	0.00	0.71	3.88
Major Oilseeds	233.84	244.07	250.23	249.22	2.35	2.25	2.31	2.31	549.63	550.06	579.01	574.63	-4.38	-0.76	24.57	4.47
United States	39.25	42.79	41.86	41.78	3.23	3.07	3.31	3.24	126.94	131.50	138.38	135.45	-2.94	-2.12	3.95	3.00
Foreign Oilseeds	194.60	201.27	208.37	207.44	2.17	2.08	2.11	2.12	422.69	418.57	440.63	439.19	-1.44	-0.33	20.62	4.93
South America	60.79	61.64	67.11	66.55	3.19	2.93	3.01	3.01	193.96	180.45	202.17	200.56	-1.61	-0.80	20.11	11.14
Brazil	35.03	36.51	39.05	39.05	3.35	3.38	3.19	3.19	117.47	123.48	124.45	124.45	0.00	0.00	0.97	0.79
Argentina	19.74	18.71	21.50	20.95	3.05	2.27	2.88	2.88	60.16	42.52	61.99	60.38	-1.61	-2.60	17.86	42.01
Paraguay	3.46	3.57	3.58	3.58	3.02	2.77	2.77	2.77	10.44	9.90	9.92	9.92	0.00	0.00	0.02	0.22
Bolivia	1.28	1.53	1.52	1.52	1.74	1.77	1.83	1.83	2.22	2.71	2.78	2.78	0.00	0.00	0.08	2.77
Uruguay	1.13	1.15	1.31	1.31	2.89	1.23	1.98	1.98	3.28	1.41	2.59	2.59	0.00	0.00	1.18	83.43
China	22.72	24.16	24.90	24.46	2.42	2.46	2.44	2.45	54.92	59.49	60.80	59.90	-0.90	-1.48	0.41	0.70
South Asia	37.06	37.52	38.39	38.19	1.09	1.02	1.01	1.01	40.43	38.37	38.70	38.75	0.05	0.13	0.38	0.99
India	33.83	34.06	34.93	35.03	1.07	1.00	0.98	0.98	36.32	33.99	34.09	34.44	0.35	1.03	0.45	1.31
Pakistan	2.88	3.11	3.10	2.80	1.29	1.27	1.35	1.39	3.70	3.96	4.19	3.89	-0.30	-7.16	-0.07	-1.64
European Union	11.79	12.36	12.41	12.41	2.71	2.83	2.60	2.63	31.96	34.98	32.33	32.58	0.25	0.78	-2.40	-6.87
Former Soviet Union - 12	22.54	23.97	25.11	25.21	1.77	1.69	1.74	1.76	39.91	40.42	43.61	44.36	0.75	1.73	3.94	9.75
Russia	10.20	10.66	11.75	11.85	1.47	1.45	1.42	1.47	14.99	15.48	16.70	17.40	0.70	4.19	1.92	12.40
Ukraine	8.71	9.17	9.20	9.20	2.38	2.16	2.38	2.40	20.74	19.81	21.90	22.10	0.20	0.91	2.29	11.58
Uzbekistan	1.18	1.25	1.20	1.20	1.19	1.21	1.00	1.00	1.40	1.51	1.20	1.20	0.00	0.00	-0.31	-20.63
Canada	10.52	12.23	11.68	11.68	2.49	2.38	2.45	2.45	26.25	29.10	28.66	28.66	0.00	0.00	-0.45	-1.54
Africa	19.77	19.85	19.76	19.97	0.94	0.97	0.95	0.95	18.49	19.21	18.68	18.96	0.28	1.48	-0.25	-1.30
Nigeria	3.57	3.61	3.61	3.61	1.04	1.08	1.08	1.08	3.72	3.90	3.90	3.90	0.00	0.00	0.00	0.00
South Africa	1.29	1.48	1.59	1.59	1.82	1.73	1.57	1.57	2.35	2.56	2.50	2.50	0.00	0.00	-0.06	-2.23
Tanzania	1.40	1.35	1.50	1.50	0.85	0.89	0.86	0.86	1.19	1.20	1.29	1.29	0.00	0.00	0.09	7.08
Southeast Asia	3.26	3.22	3.19	3.19	1.41	1.40	1.40	1.40	4.59	4.52	4.47	4.47	0.00	0.00	-0.06	-1.22
Indonesia	1.03	1.00	0.98	0.98	1.64	1.61	1.61	1.61	1.69	1.62	1.58	1.58	0.00	0.00	-0.04	-2.16
Burma	1.88	1.88	1.88	1.88	1.18	1.19	1.18	1.18	2.21	2.24	2.22	2.22	0.00	0.00	-0.02	-0.67
Australia	3.32	3.30	2.71	2.66	1.70	1.60	1.38	1.29	5.66	5.28	3.74	3.45	-0.29	-7.84	-1.84	-34.77
Turkey	1.11	1.25	1.36	1.36	2.49	2.53	2.67	2.67	2.76	3.17	3.64	3.64	0.00	0.00	0.48	15.04
Others	1.71	1.76	1.76	1.77	2.19	2.03	2.19	2.20	3.76	3.58	3.85	3.88	0.03	0.78	0.30	8.24

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			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	119.44	124.28	129.42	129.39	2.92	2.72	2.85	2.84	348.95	338.57	369.48	367.50	-1.98	-0.54	28.93	8.54
United States	33.47	36.23	35.75	35.75	3.49	3.31	3.57	3.50	116.92	120.04	127.63	125.18	-2.45	-1.92	5.14	4.28
Total Foreign	85.97	88.05	93.67	93.64	2.70	2.48	2.58	2.59	232.03	218.53	241.85	242.32	0.47	0.19	23.79	10.89
South America																
Brazil	33.90	35.10	37.50	37.50	3.38	3.41	3.21	3.21	114.60	119.80	120.50	120.50	0.00	0.00	0.70	0.58
Argentina	17.34	16.30	19.00	18.50	3.17	2.32	3.00	3.00	55.00	37.80	57.00	55.50	-1.50	-2.63	17.70	46.83
Paraguay	3.39	3.50	3.50	3.50	3.05	2.80	2.80	2.80	10.34	9.81	9.80	9.80	0.00	0.00	-0.01	-0.10
Bolivia	1.13	1.40	1.40	1.40	1.86	1.86	1.93	1.93	2.11	2.60	2.70	2.70	0.00	0.00	0.10	3.85
Uruguay	1.09	1.10	1.25	1.25	2.95	1.21	2.00	2.00	3.21	1.33	2.50	2.50	0.00	0.00	1.17	87.41
East Asia																
China	7.60	8.25	8.40	8.83	1.80	1.84	1.79	1.81	13.64	15.20	15.00	16.00	1.00	6.67	0.80	5.26
Korea, South	0.05	0.05	0.06	0.06	1.53	1.87	1.75	1.75	0.08	0.09	0.10	0.10	0.00	0.00	0.01	16.28
Korea, North	0.18	0.15	0.15	0.15	1.61	1.49	1.50	1.50	0.28	0.22	0.23	0.23	0.00	0.00	0.00	0.90
Japan	0.15	0.15	0.15	0.15	1.59	1.66	1.74	1.74	0.24	0.25	0.26	0.26	0.00	0.00	0.02	6.02
India	11.18	10.40	11.00	11.00	0.98	0.80	0.94	1.00	10.99	8.35	10.35	11.00	0.65	6.28	2.65	31.74
Canada	2.23	2.94	2.55	2.55	2.96	2.63	2.94	2.94	6.60	7.72	7.50	7.50	0.00	0.00	-0.22	-2.81
Former Soviet Union - 12																
Russia	2.12	2.57	2.85	2.85	1.48	1.41	1.37	1.37	3.13	3.62	3.90	3.90	0.00	0.00	0.28	7.71
Ukraine	1.86	1.98	1.70	1.70	2.31	1.97	2.47	2.59	4.29	3.89	4.20	4.40	0.20	4.76	0.51	13.11
European Union	0.80	0.93	0.93	0.93	3.00	2.88	2.90	2.90	2.41	2.67	2.70	2.70	0.00	0.00	0.03	1.24
Southeast Asia																
Indonesia	0.43	0.42	0.41	0.41	1.31	1.29	1.27	1.27	0.57	0.54	0.52	0.52	0.00	0.00	-0.02	-3.70
Vietnam	0.07	0.06	0.06	0.06	1.48	1.50	1.50	1.50	0.10	0.09	0.09	0.09	0.00	0.00	0.00	0.00
Thailand	0.03	0.04	0.03	0.03	1.78	1.57	1.47	1.47	0.06	0.06	0.05	0.05	0.00	0.00	-0.01	-9.09
Burma	0.15	0.15	0.15	0.15	1.07	1.07	1.07	1.07	0.16	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Serbia	0.19	0.20	0.22	0.22	3.51	2.30	2.84	2.84	0.65	0.46	0.63	0.63	0.00	0.00	0.17	35.87
Mexico	0.28	0.26	0.21	0.21	1.85	1.65	1.62	1.62	0.52	0.43	0.34	0.34	0.00	0.00	-0.09	-21.48
Africa																
South Africa	0.57	0.79	0.90	0.90	2.29	1.97	1.75	1.75	1.32	1.55	1.58	1.58	0.00	0.00	0.02	1.55
Nigeria	0.61	0.64	0.64	0.64	0.96	0.94	0.94	0.94	0.59	0.60	0.60	0.60	0.00	0.00	0.00	0.00
Zambia	0.14	0.23	0.18	0.18	1.94	1.56	1.83	1.83	0.27	0.35	0.32	0.32	0.00	0.00	-0.03	-8.83
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	0.06	0.07	0.07	0.07	2.25	2.29	2.29	2.29	0.14	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Turkey	0.03	0.02	0.03	0.03	3.33	3.75	3.81	3.81	0.10	0.09	0.10	0.10	0.00	0.00	0.01	10.00
Others	0.34	0.33	0.28	0.33	1.78	2.03	1.91	2.03	0.61	0.66	0.54	0.66	0.12	22.22	0.00	-0.15

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			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	29.18	32.94	32.56	32.46	1.34	1.37	1.37	1.35	39.08	45.15	44.76	43.83	-0.94	-2.09	-1.33	-2.94
United States	3.85	4.49	4.26	4.20	1.27	1.30	1.32	1.25	4.87	5.83	5.61	5.26	-0.35	-6.22	-0.57	-9.70
Total Foreign	25.33	28.45	28.30	28.26	1.35	1.38	1.38	1.36	34.21	39.33	39.15	38.56	-0.59	-1.50	-0.76	-1.94
South Asia																
India	10.85	12.40	12.30	12.40	1.06	0.99	0.99	0.96	11.46	12.31	12.19	11.89	-0.30	-2.45	-0.43	-3.45
Pakistan	2.50	2.70	2.70	2.40	1.33	1.32	1.41	1.46	3.34	3.55	3.80	3.50	-0.30	-7.89	-0.05	-1.46
China	2.90	3.40	3.35	3.35	3.03	3.18	3.22	3.22	8.80	10.80	10.80	10.80	0.00	0.00	0.00	0.00
Former Soviet Union - 12																
Uzbekistan	1.18	1.25	1.20	1.20	1.19	1.21	1.00	1.00	1.40	1.51	1.20	1.20	0.00	0.00	-0.31	-20.63
Turkmenistan	0.55	0.55	0.55	0.55	0.95	0.96	1.14	0.86	0.52	0.53	0.62	0.47	-0.15	-24.07	-0.06	-10.48
Tajikistan	0.17	0.19	0.19	0.19	1.02	0.97	0.91	0.93	0.17	0.18	0.17	0.18	0.00	1.73	0.00	-2.22
Kazakhstan	0.12	0.13	0.12	0.12	0.97	0.94	1.06	1.06	0.11	0.12	0.13	0.13	0.00	0.00	0.01	8.55
South America																
Brazil	0.94	1.18	1.30	1.30	2.44	2.57	2.52	2.52	2.30	3.02	3.27	3.27	0.00	0.00	0.26	8.45
Argentina	0.24	0.35	0.40	0.40	1.16	0.87	0.96	0.96	0.28	0.30	0.38	0.38	0.00	0.00	0.08	26.40
Middle East																
Turkey	0.40	0.47	0.52	0.52	2.63	2.77	2.88	2.88	1.05	1.30	1.50	1.50	0.00	0.00	0.20	15.38
Syria	0.04	0.03	0.03	0.03	2.00	2.17	2.12	2.12	0.08	0.07	0.05	0.05	0.00	0.00	-0.01	-18.46
Iran	0.10	0.09	0.09	0.09	0.98	0.96	1.06	1.06	0.10	0.08	0.09	0.09	0.00	0.00	0.01	9.76
Australia	0.58	0.53	0.30	0.30	2.16	2.83	2.50	2.50	1.25	1.50	0.75	0.75	0.00	0.00	-0.75	-49.93
European Union	0.27	0.30	0.31	0.31	1.53	1.67	1.70	1.70	0.42	0.49	0.53	0.53	0.00	0.19	0.04	7.51
Africa																
Burkina	0.70	0.85	0.75	0.75	0.52	0.42	0.52	0.52	0.36	0.36	0.39	0.39	0.00	0.00	0.03	7.80
Mali	0.66	0.73	0.74	0.74	0.54	0.52	0.52	0.54	0.35	0.38	0.39	0.40	0.01	2.06	0.01	3.66
Cameroon	0.23	0.23	0.23	0.23	1.04	1.11	1.11	1.11	0.24	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.35	0.37	0.37	0.37	0.48	0.57	0.52	0.52	0.17	0.21	0.19	0.19	0.00	0.00	-0.02	-7.62
Benin	0.42	0.53	0.44	0.60	0.68	0.71	0.62	0.70	0.28	0.38	0.27	0.42	0.15	54.21	0.05	11.97
Tanzania	0.40	0.35	0.50	0.50	0.21	0.29	0.37	0.37	0.09	0.10	0.19	0.19	0.00	0.00	0.09	84.16
Egypt	0.06	0.09	0.14	0.14	0.95	1.00	1.01	1.01	0.05	0.09	0.14	0.14	0.00	0.00	0.05	50.55
Nigeria	0.28	0.27	0.27	0.27	0.36	0.38	0.38	0.38	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
Uganda	0.07	0.08	0.08	0.08	1.49	1.45	1.45	1.45	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Zimbabwe	0.21	0.20	0.23	0.23	0.25	0.48	0.38	0.38	0.05	0.10	0.09	0.09	0.00	0.00	-0.01	-8.42
Sudan	0.10	0.12	0.12	0.12	1.93	2.03	2.13	2.13	0.19	0.24	0.26	0.26	0.00	0.00	0.01	5.35
Mexico	0.10	0.21	0.23	0.24	2.50	2.52	2.55	2.49	0.26	0.53	0.59	0.59	0.00	0.00	0.06	10.57
Burma	0.24	0.25	0.24	0.24	1.17	1.24	1.23	1.23	0.29	0.31	0.30	0.30	0.00	0.00	-0.02	-4.84
Others	0.70	0.64	0.63	0.63	0.59	0.64	0.67	0.67	0.42	0.41	0.42	0.42	0.00	0.00	0.01	1.71

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			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	26.43	25.90	25.61	25.26	1.67	1.73	1.67	1.66	44.15	44.91	42.89	41.95	-0.94	-2.18	-2.95	-6.58
United States	0.62	0.72	0.56	0.55	4.07	4.49	4.67	4.55	2.53	3.23	2.62	2.48	-0.14	-5.16	-0.75	-23.11
Total Foreign	25.81	25.18	25.05	24.71	1.61	1.66	1.61	1.60	41.62	41.68	40.27	39.47	-0.80	-1.99	-2.21	-5.30
China	4.45	4.61	4.90	4.56	3.68	3.71	3.63	3.73	16.36	17.09	17.80	17.00	-0.80	-4.49	-0.09	-0.54
Africa																
Nigeria	2.68	2.70	2.70	2.70	1.13	1.19	1.19	1.19	3.03	3.20	3.20	3.20	0.00	0.00	0.00	0.00
Sudan	2.32	1.80	1.80	1.80	0.79	0.78	0.78	0.78	1.83	1.40	1.40	1.40	0.00	0.00	0.00	0.00
Senegal	1.15	1.25	1.10	1.10	0.82	1.13	0.91	0.91	0.95	1.41	1.00	1.00	0.00	0.00	-0.41	-29.18
Cameroon	0.45	0.43	0.43	0.43	1.65	1.40	1.40	1.40	0.75	0.60	0.60	0.60	0.00	0.00	0.00	0.00
Ghana	0.34	0.34	0.34	0.34	1.24	1.31	1.31	1.31	0.42	0.44	0.44	0.44	0.00	0.00	0.00	0.00
Chad	0.97	0.95	0.95	0.95	1.07	1.05	1.05	1.05	1.04	1.00	1.00	1.00	0.00	0.00	0.00	0.00
Malawi	0.37	0.37	0.37	0.37	0.74	0.88	0.88	0.88	0.28	0.33	0.33	0.33	0.00	0.00	0.00	0.00
Congo (Kinshasa)	0.50	0.50	0.50	0.50	0.85	0.85	0.85	0.85	0.42	0.42	0.42	0.42	0.00	0.00	0.00	0.00
Niger	0.77	0.75	0.75	0.75	0.59	0.53	0.53	0.53	0.45	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Mali	0.43	0.38	0.38	0.38	0.87	0.87	1.07	1.07	0.37	0.33	0.40	0.40	0.00	0.00	0.08	23.08
Uganda	0.43	0.43	0.43	0.43	0.71	0.71	0.71	0.71	0.30	0.30	0.30	0.30	0.00	0.00	0.00	0.00
Burkina	0.42	0.43	0.43	0.43	0.80	0.81	0.81	0.81	0.34	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Guinea	0.27	0.30	0.30	0.30	1.39	1.20	1.20	1.20	0.38	0.36	0.36	0.36	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	0.11	0.10	0.10	0.10	1.21	1.50	1.50	1.50	0.14	0.15	0.15	0.15	0.00	0.00	0.00	0.00
South Africa	0.06	0.06	0.06	0.06	2.20	1.29	1.64	1.64	0.12	0.07	0.09	0.09	0.00	0.00	0.02	25.00
Mozambique	0.40	0.37	0.38	0.38	0.28	0.32	0.34	0.34	0.11	0.12	0.13	0.13	0.00	0.00	0.01	8.33
Cote d'Ivoire	0.08	0.08	0.08	0.08	1.35	1.38	1.38	1.38	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Benin	0.16	0.15	0.15	0.15	0.86	0.93	0.93	0.93	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
South Asia																
India	5.34	4.93	4.70	4.70	1.30	1.35	1.00	1.00	6.92	6.65	4.70	4.70	0.00	0.00	-1.95	-29.32
Pakistan	0.09	0.09	0.10	0.10	0.90	0.94	0.95	0.95	0.09	0.09	0.09	0.09	0.00	0.00	0.00	2.27
Southeast Asia																
Indonesia	0.60	0.58	0.57	0.57	1.87	1.85	1.86	1.86	1.12	1.08	1.06	1.06	0.00	0.00	-0.02	-1.40
Burma	0.89	0.89	0.89	0.89	1.55	1.55	1.55	1.55	1.38	1.38	1.38	1.38	0.00	0.00	0.00	0.00
Vietnam	0.20	0.19	0.19	0.19	2.37	2.37	2.37	2.37	0.46	0.45	0.45	0.45	0.00	0.00	0.00	0.00
Thailand	0.02	0.02	0.02	0.02	1.67	1.67	1.67	1.67	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
South America																
Argentina	0.32	0.36	0.33	0.33	3.98	2.34	3.24	3.24	1.29	0.84	1.07	1.07	0.00	0.00	0.23	26.93
Brazil	0.13	0.14	0.15	0.15	3.61	3.69	3.50	3.50	0.47	0.51	0.53	0.53	0.00	0.00	0.01	2.34
Mexico	0.06	0.06	0.06	0.06	1.71	1.70	1.70	1.70	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
Others	1.75	1.88	1.86	1.86	1.16	1.13	1.10	1.10	2.04	2.13	2.04	2.04	0.00	0.00	-0.08	-3.91

Table 14 Sunflowerseed Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	25.42	25.58	26.23	26.19	1.89	1.85	1.90	1.93	48.01	47.41	49.76	50.44	0.69	1.38	3.04	6.41
United States	0.62	0.54	0.50	0.50	1.94	1.81	1.75	1.75	1.20	0.98	0.88	0.88	0.00	0.00	-0.10	-10.22
Total Foreign	24.80	25.04	25.73	25.69	1.89	1.85	1.90	1.93	46.81	46.43	48.88	49.57	0.69	1.41	3.14	6.76
Former Soviet Union - 12																
Russia	7.18	7.15	7.50	7.50	1.51	1.45	1.47	1.53	10.86	10.36	11.00	11.50	0.50	4.55	1.14	10.98
Ukraine	6.40	6.40	6.50	6.50	2.38	2.14	2.31	2.31	15.20	13.70	15.00	15.00	0.00	0.00	1.30	9.49
Kazakhstan	0.81	0.88	0.93	0.93	0.94	1.02	1.08	1.08	0.76	0.90	1.00	1.00	0.00	0.00	0.10	10.74
European Union	4.13	4.31	4.29	4.29	2.08	2.25	2.24	2.30	8.60	9.68	9.60	9.85	0.25	2.60	0.17	1.77
South America																
Argentina	1.82	1.68	1.75	1.70	1.95	2.11	2.00	2.00	3.55	3.54	3.50	3.40	-0.10	-2.86	-0.14	-3.90
Uruguay	0.04	0.05	0.06	0.06	1.50	1.56	1.61	1.61	0.07	0.08	0.09	0.09	0.00	0.00	0.01	15.38
Bolivia	0.14	0.13	0.12	0.12	0.80	0.80	0.70	0.70	0.11	0.11	0.08	0.08	0.00	0.00	-0.03	-23.81
Brazil	0.06	0.10	0.10	0.10	1.65	1.54	1.55	1.55	0.10	0.15	0.16	0.16	0.00	0.00	0.01	4.03
Paraguay	0.03	0.03	0.03	0.03	1.60	1.66	1.69	1.69	0.05	0.05	0.05	0.05	0.00	0.00	0.00	1.89
China	1.15	1.25	1.25	1.25	2.59	2.50	2.60	2.60	2.99	3.12	3.25	3.25	0.00	0.00	0.13	4.17
South Asia																
India	0.39	0.33	0.43	0.43	0.82	0.70	0.81	0.81	0.32	0.23	0.35	0.35	0.00	0.00	0.12	52.17
Pakistan	0.07	0.08	0.07	0.07	1.07	1.13	1.07	1.07	0.08	0.09	0.08	0.08	0.00	0.00	-0.02	-16.67
Middle East																
Turkey	0.60	0.70	0.75	0.75	2.20	2.21	2.40	2.40	1.32	1.55	1.80	1.80	0.00	0.00	0.25	16.13
Iran	0.04	0.04	0.04	0.04	0.98	1.08	1.08	1.08	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
Israel	0.01	0.01	0.01	0.01	1.60	1.60	1.60	1.60	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Africa																
Egypt	0.01	0.01	0.01	0.01	2.43	2.38	2.38	2.38	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Morocco	0.02	0.02	0.02	0.02	1.29	1.29	1.29	1.29	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
South Africa	0.64	0.60	0.60	0.60	1.37	1.43	1.27	1.27	0.87	0.86	0.76	0.76	0.00	0.00	-0.10	-11.53
Burma	0.60	0.60	0.60	0.60	0.65	0.65	0.65	0.65	0.39	0.39	0.39	0.39	0.00	0.00	0.00	0.00
Canada	0.03	0.03	0.03	0.03	1.82	2.23	2.20	2.20	0.05	0.06	0.06	0.06	0.00	0.00	0.00	-5.17
Australia	0.03	0.02	0.02	0.03	1.14	1.82	1.25	1.28	0.03	0.03	0.03	0.03	0.01	28.00	0.00	3.23
Others	0.61	0.63	0.64	0.64	2.25	2.28	2.47	2.52	1.36	1.43	1.59	1.62	0.03	1.89	0.19	13.38

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.		2018/19 Proj.		Prel.		2018/19 Proj.		Prel.		2018/19 Proj.		From last month		From last year	
	2016/17	2017/18	Oct	Nov	2016/17	2017/18	Oct	Nov	2016/17	2017/18	Oct	Nov	MMT	Percent	MMT	Percent
World	33.38	35.37	36.41	35.92	2.08	2.09	1.98	1.97	69.44	74.03	72.13	70.92	-1.21	-1.68	-3.11	-4.20
United States	0.69	0.81	0.79	0.79	2.04	1.75	2.09	2.09	1.41	1.42	1.65	1.65	0.00	0.00	0.22	15.59
Total Foreign	32.69	34.56	35.62	35.13	2.08	2.10	1.98	1.97	68.03	72.60	70.48	69.27	-1.21	-1.72	-3.33	-4.59
European Union	6.58	6.83	6.88	6.88	3.12	3.24	2.83	2.83	20.54	22.15	19.50	19.50	0.00	0.00	-2.65	-11.94
Canada	8.26	9.27	9.10	9.10	2.37	2.30	2.32	2.32	19.60	21.33	21.10	21.10	0.00	0.00	-0.23	-1.07
China	6.62	6.65	7.00	6.47	1.98	2.00	1.99	1.99	13.13	13.27	13.95	12.85	-1.10	-7.89	-0.42	-3.19
South Asia																
India	6.07	6.00	6.50	6.50	1.09	1.08	1.00	1.00	6.62	6.45	6.50	6.50	0.00	0.00	0.05	0.78
Pakistan	0.21	0.24	0.23	0.23	0.95	0.96	0.98	0.98	0.20	0.23	0.23	0.23	0.00	0.00	0.00	0.00
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	0.91	0.95	1.40	1.50	1.10	1.58	1.29	1.33	1.00	1.50	1.80	2.00	0.20	11.11	0.50	33.60
Ukraine	0.45	0.79	1.00	1.00	2.78	2.80	2.70	2.70	1.25	2.22	2.70	2.70	0.00	0.00	0.48	21.79
Belarus	0.21	0.33	0.35	0.35	1.24	1.81	1.57	1.57	0.26	0.60	0.55	0.55	0.00	0.00	-0.05	-8.79
Kazakhstan	0.16	0.25	0.25	0.25	1.06	1.11	1.10	1.10	0.17	0.28	0.28	0.28	0.00	0.00	0.00	-1.43
Australia	2.68	2.70	2.35	2.30	1.61	1.36	1.23	1.13	4.31	3.67	2.90	2.60	-0.30	-10.34	-1.07	-29.16
South America																
Chile	0.05	0.06	0.05	0.05	3.98	3.86	4.20	4.20	0.18	0.22	0.23	0.23	0.00	0.00	0.01	3.18
Paraguay	0.03	0.03	0.04	0.04	2.00	1.00	1.50	1.50	0.05	0.03	0.06	0.06	0.00	0.00	0.03	100.00
Switzerland	0.02	0.02	0.02	0.02	3.14	3.14	3.14	3.14	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Ethiopia	0.02	0.04	0.04	0.04	1.79	1.71	1.57	1.57	0.04	0.06	0.06	0.06	0.00	0.00	-0.01	-8.33
Others	0.17	0.15	0.15	0.15	2.26	2.09	2.21	2.20	0.38	0.31	0.34	0.33	-0.01	-2.94	0.02	7.49

World and Selected Countries and Regions

Table 16 Copra, Palm Kernel, and Palm Oil Production

Country / Region	Production (Million metric tons)				Change in Production			
	2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov	MMT	Percent	MMT	Percent
Oilseed, Copra								
Philippines	2.30	2.60	2.70	2.70	0.00	0.00	0.10	3.85
Indonesia	1.58	1.45	1.42	1.42	0.00	0.00	-0.03	-2.07
India	0.72	0.75	0.75	0.75	0.00	0.00	0.00	0.00
Vietnam	0.26	0.28	0.29	0.29	0.00	0.00	0.00	0.00
Mexico	0.21	0.21	0.22	0.22	0.00	0.00	0.01	4.76
Papua New Guinea	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
Thailand	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Sri Lanka	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Solomon Islands	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Vanuatu/New Hebrides	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
World	5.51	5.73	5.83	5.83	0.00	0.00	0.10	1.75
Oilseed, Palm Kernel								
Indonesia	9.50	10.20	10.60	10.60	0.00	0.00	0.40	3.92
Malaysia	4.78	4.92	5.20	5.20	0.00	0.00	0.28	5.69
Thailand	0.75	0.82	0.87	0.87	0.00	0.00	0.05	6.10
Nigeria	0.73	0.73	0.73	0.73	0.00	0.00	0.00	0.00
Colombia	0.24	0.34	0.32	0.32	0.00	0.00	-0.02	-5.88
Papua New Guinea	0.16	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Guatemala	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Honduras	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Brazil	0.12	0.13	0.14	0.14	0.00	0.00	0.01	7.69
Ecuador	0.11	0.12	0.12	0.12	0.00	0.00	0.00	0.00
World	17.36	18.40	19.11	19.11	0.00	0.00	0.71	3.86
Oil, Palm								
Indonesia	36.00	38.50	40.50	40.50	0.00	0.00	2.00	5.19
Malaysia	18.86	19.68	20.50	20.50	0.00	0.00	0.82	4.17
Thailand	2.50	2.70	2.90	2.90	0.00	0.00	0.20	7.41
Colombia	1.15	1.63	1.53	1.53	0.00	0.00	-0.10	-6.13
Nigeria	0.97	0.97	0.97	0.97	0.00	0.00	0.00	0.00
Guatemala	0.74	0.74	0.74	0.74	0.00	0.00	0.00	0.00
Papua New Guinea	0.65	0.63	0.63	0.63	0.00	0.00	0.00	0.00
Ecuador	0.57	0.59	0.61	0.61	0.00	0.00	0.02	3.39
Honduras	0.62	0.58	0.58	0.58	0.00	0.00	0.00	0.00
Ghana	0.52	0.52	0.52	0.52	0.00	0.00	0.00	0.00
World	65.26	69.28	72.26	72.26	0.00	0.00	2.98	4.30

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			
	2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		2016/17	Prel.	2018/19 Proj.		From last month		From last year	
		2017/18	Oct	Nov		2017/18	Oct	Nov		2017/18	Oct	Nov	MBales	Percent	MBales	Percent
World	29.81	33.59	33.20	33.10	779	802	798	785	106.66	123.70	121.66	119.39	-2.27	-1.87	-4.31	-3.48
United States	3.85	4.49	4.26	4.20	972	1,014	1,010	955	17.17	20.92	19.76	18.41	-1.36	-6.86	-2.52	-12.02
Total Foreign	25.97	29.10	28.94	28.91	750	769	767	761	89.49	102.77	101.89	100.98	-0.92	-0.90	-1.79	-1.75
South Asia																
India	10.85	12.40	12.30	12.40	542	509	508	492	27.00	29.00	28.70	28.00	-0.70	-2.44	-1.00	-3.45
Pakistan	2.50	2.70	2.70	2.40	671	661	685	726	7.70	8.20	8.50	8.00	-0.50	-5.88	-0.20	-2.44
China	2.90	3.40	3.35	3.35	1,708	1,761	1,787	1,787	22.75	27.50	27.50	27.50	0.00	0.00	0.00	0.00
South America																
Brazil	0.94	1.18	1.30	1.30	1,626	1,708	1,675	1,675	7.02	9.22	10.00	10.00	0.00	0.00	0.78	8.46
Argentina	0.24	0.35	0.40	0.40	680	510	599	599	0.75	0.82	1.10	1.10	0.00	0.00	0.28	34.15
Paraguay	0.01	0.01	0.01	0.01	416	416	416	416	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Africa																
Burkina	0.70	0.85	0.75	0.75	407	333	406	406	1.31	1.30	1.40	1.40	0.00	0.00	0.10	7.69
Mali	0.66	0.73	0.74	0.74	412	403	403	412	1.24	1.35	1.37	1.40	0.03	2.19	0.05	3.70
Cote d'Ivoire	0.35	0.37	0.37	0.37	394	467	427	427	0.63	0.79	0.73	0.73	0.00	0.00	-0.06	-7.64
Benin	0.42	0.53	0.44	0.60	446	468	421	463	0.86	1.14	0.85	1.28	0.43	50.00	0.14	11.84
Egypt	0.06	0.09	0.14	0.14	673	718	726	726	0.17	0.30	0.45	0.45	0.00	0.00	0.15	50.00
Cameroon	0.23	0.23	0.23	0.23	455	484	484	484	0.47	0.50	0.50	0.50	0.00	0.00	0.00	0.00
Tanzania	0.40	0.35	0.50	0.50	106	143	185	185	0.20	0.23	0.43	0.43	0.00	0.00	0.20	84.78
Nigeria	0.28	0.27	0.27	0.27	182	190	190	190	0.23	0.24	0.24	0.24	0.00	0.00	0.00	0.00
Zimbabwe	0.21	0.22	0.23	0.23	146	247	218	218	0.14	0.25	0.23	0.23	0.00	0.00	-0.02	-8.00
Ethiopia	0.08	0.06	0.07	0.07	550	635	586	586	0.21	0.18	0.18	0.18	0.00	0.00	0.00	0.00
Former Soviet Union - 12																
Uzbekistan	1.18	1.25	1.20	1.20	687	672	599	599	3.73	3.86	3.30	3.30	0.00	0.00	-0.56	-14.51
Turkmenistan	0.55	0.55	0.55	0.55	529	535	519	479	1.33	1.34	1.30	1.20	-0.10	-7.69	-0.14	-10.45
Tajikistan	0.17	0.19	0.19	0.19	567	671	607	516	0.43	0.57	0.53	0.45	-0.08	-15.09	-0.12	-21.05
Kazakhstan	0.12	0.13	0.12	0.12	568	523	454	454	0.30	0.30	0.25	0.25	0.00	0.00	-0.05	-16.67
Middle East																
Turkey	0.40	0.47	0.52	0.52	1,742	1,853	1,884	1,884	3.20	4.00	4.50	4.50	0.00	0.00	0.50	12.50
Syria	0.04	0.03	0.03	0.03	1,089	1,161	1,132	1,132	0.20	0.16	0.13	0.13	0.00	0.00	-0.03	-18.75
Iran	0.10	0.09	0.09	0.09	653	640	704	704	0.30	0.25	0.28	0.28	0.00	0.00	0.03	10.00
Australia	0.58	0.53	0.30	0.30	1,520	1,931	1,814	1,814	4.05	4.70	2.50	2.50	0.00	0.00	-2.20	-46.81
Mexico	0.10	0.21	0.23	0.24	1,602	1,617	1,633	1,598	0.77	1.56	1.73	1.73	0.00	0.00	0.17	10.58
Burma	0.24	0.25	0.24	0.24	634	634	635	635	0.71	0.73	0.70	0.70	0.00	0.00	-0.03	-3.45
Others	1.69	1.69	1.70	1.70	490	552	577	578	3.80	4.28	4.50	4.51	0.01	0.22	0.23	5.39

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 2.1 percent. The average difference between the November projection and the final estimate is 5.5 million tons, ranging from 1.2 million to 18.1 million tons. The November projection has been below the estimate 28 times and above 9 times.

RELIABILITY OF PRODUCTION PROJECTIONS 1/

COMMODITY AND REGION	Root mean square error	90 percent confidence interval	Difference between forecast and final estimate				
			Average	Smallest	Largest	Years	
						Below final	Above final
	Percent		---Million metric tons---				
WHEAT							
World	1.2	2.1	5.5	0.1	18.1	28	9
U.S.	1.4	0.7	0.2	0.0	1.2	17	13
Foreign	1.4	2.3	5.5	0.0	18.2	28	9
COARSE GRAINS 2/							
World	1.6	2.7	12.9	0.2	47.3	28	9
U.S.	1.3	2.2	2.3	0.0	7.5	19	18
Foreign	2.2	3.8	12.9	0.2	48.8	28	9
RICE (Milled)							
World	2.1	3.6	5.8	0.1	16.8	31	6
U.S.	2.9	4.9	0.1	0.0	0.5	18	16
Foreign	2.2	3.7	5.8	0.2	16.9	31	6
SOYBEANS							
World	4.0	6.8	6.0	0.1	25.1	22	15
U.S.	2.1	3.6	1.1	0.1	4.2	15	22
Foreign	6.7	11.3	5.9	0.0	26.4	20	17
COTTON			---Million 480-lb. bales---				
World	3.6	6.2	2.6	0.1	9.3	24	13
U.S.	3.0	5.1	0.4	0.0	1.0	19	17
Foreign	4.2	7.2	2.5	0.1	8.9	24	13
UNITED STATES			-----Million bushels-----				
CORN	1.3	2.2	86	0	250	19	17
SORGHUM	4.2	7.1	15	1	53	19	18
BARLEY	1.5	2.6	4	0	24	15	10
OATS	1.1	1.9	2	0	18	7	9

1/ Marketing years 1981/82 through 2016/17. Final for grains, soybeans and cotton is defined as the first November estimates following the marketing year for 1981/82 through 2016/17, and for 2017/18 last month's estimate.

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

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