



United States
Department of
Agriculture

Foreign
Agricultural
Service

Circular Series
WAP 04-17
April 2017

World Agricultural Production

Brazil Corn, Cotton, and Soybean Crops: Record Yields Boost Production Higher



Vegetative Corn (left) and Flowering Cotton (right) in Excellent Condition

FAS personnel crop travel to Costa Rica, MATO GROSSO DO SUL - March 23, 2017

The summer crop season in Brazil has been characterized by favorable weather with well-distributed and adequate rainfall and sunlight. Record yields are estimated for soybeans, corn and cotton based on timely plantings and excellent growing conditions throughout most of the country.

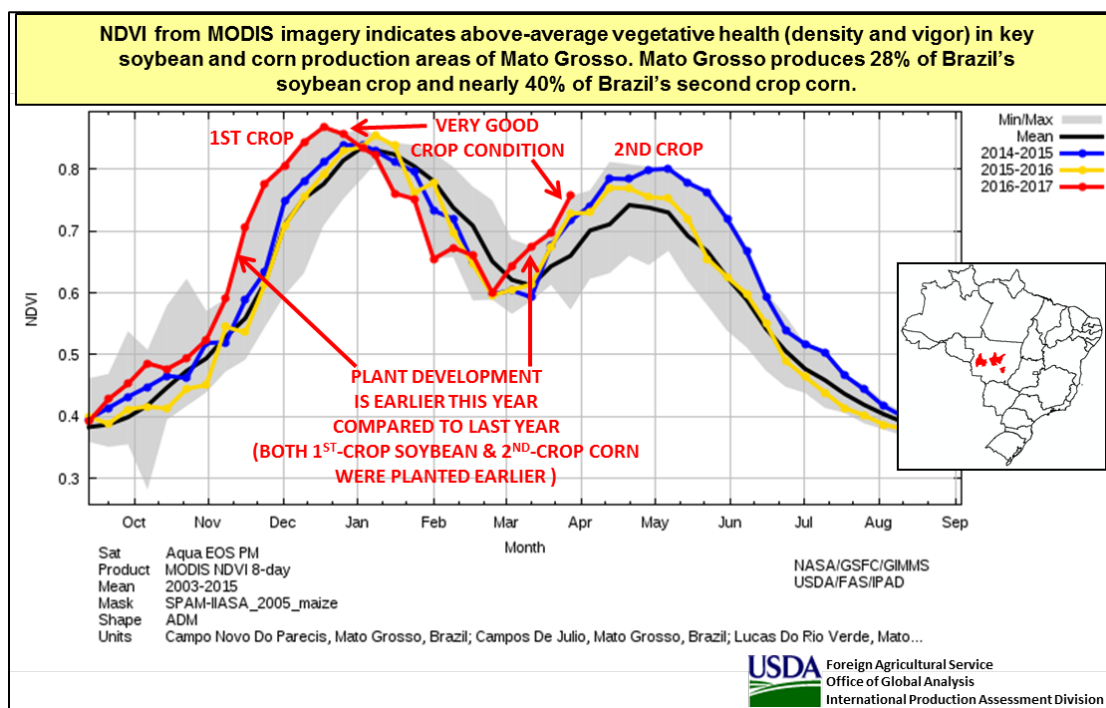
Corn production for 2016/17 is estimated at a record 93.5 million metric tons (mmt), up 2 mmt or 2 percent from last month, and up 26.5 mmt or 40 percent from last year. Harvested area is estimated at 17.3 million hectares (mha), up 0.3 mha or 2 percent from last month, and up 1.3 mha or 8 percent from last year. Yield is estimated at a record 5.4 metric tons per hectare, up 0.4 percent from last month and up 29 percent from last year. Last year's low production and yield were the result of a drought-affected second crop. Government sources estimate higher area and yield from last year for the first crop and record area for the second crop. Harvesting of the first-crop corn began in February and is advancing at an above-average pace. Harvesting is 70 percent complete in Rio Grande de Sul and 80 percent in Parana. Higher yields based on very favorable weather continue to be reported as the harvest progresses. Planting is essentially complete in Mato Grosso and Paraná, the leading second-crop corn producing states. This year farmers were

Approved by the World Agricultural Outlook Board

also able to plant second-crop corn earlier and at a faster pace, following an accelerated soybean harvest with weather that has been favorable thus far. The earlier planted corn is better poised to benefit from seasonal rains before the dry season returns. Well-distributed and sufficient rainfall in April and May will be essential for realizing the yield potential of this crop.

Brazil's 2016/17 cotton production is estimated at 6.7 million bales, up 0.2 million bales or 3 percent from last month, and up 0.8 million bales or 14 percent from last year. Harvested area is estimated at 0.93 mha, unchanged from last month, and down 25,000 hectares or 3 percent from last year. Yield is estimated at a record 1,569 kilograms per hectare, up 3 percent from last month and up 17 percent from last year.

Planted area declined for the third straight year over concerns about low prices and the high cost of production. In Mato Grosso, first-crop cotton area is down 14 percent as some producers opted to plant soybeans. However, most of Mato Grosso's cotton is planted as a second crop after soybeans, and this year's second-crop cotton is estimated 4 percent higher according to Instituto Mato-Grossense de Economia Agropecuária (IMEA). Despite a wet start in parts of Mato Grosso that delayed fieldwork and caused some fields to be replanted, the crop is reported in good condition. In Bahia, financial stress caused by poor output from several years of adverse weather left producers even less inclined to plant, and cotton area is down 14 percent. Production, however, is expected to recover this season due to the more favorable weather and higher rainfall compared to last year. Normalized Difference Vegetation Index (NDVI) from satellite imagery of the cotton growing areas indicates vegetation health is above-average and better than last year. The majority of the cotton crop will be harvested from June to August.



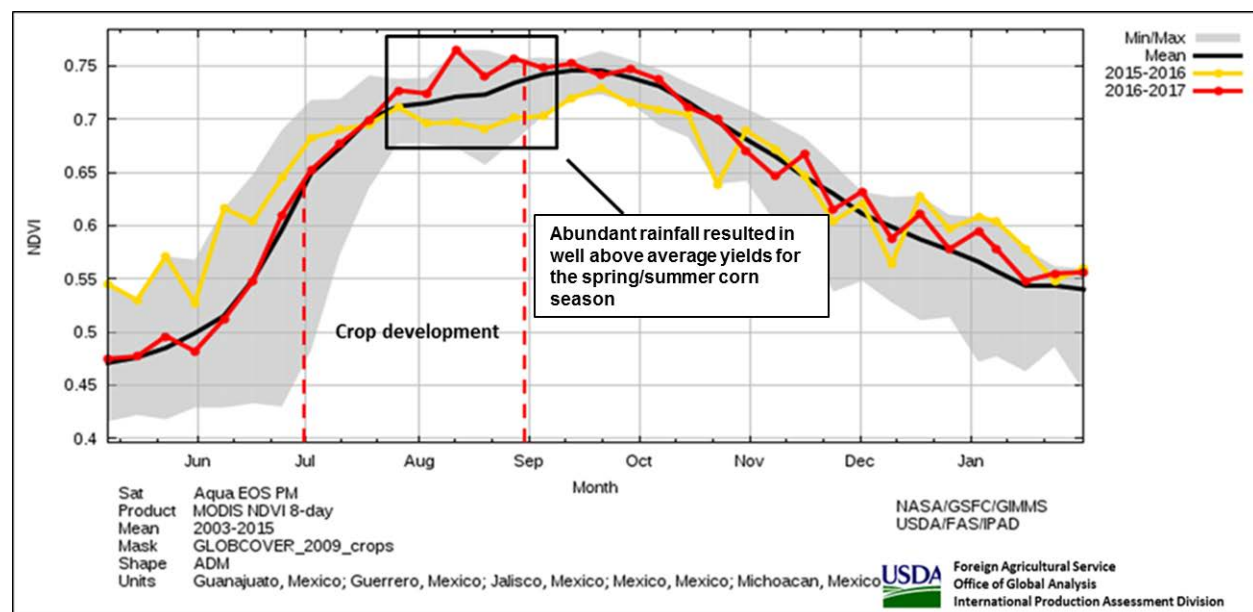
Brazil's 2016/17 soybean production is estimated at a record 111 mmt, up 3.0 mmt or 3 percent from last month, and up 14.5 mmt or 15 percent from last year. Harvested area is estimated at 34 mha, up 100,000 hectares from last month, and up 700,000 hectares from last year. Soybean

yield is estimated at a record 3.26 metric tons per hectare, up 2 percent from last month and up 12 percent from last year. Nationally, two-thirds of the crop has been harvested. Harvest is complete in Mato Grosso and nearing 80 percent in Paraná according to state government and industry sources. In Rio Grande do Sul, 70 percent of the crop has been harvested and 10 percent is still in the grain-filling stage. NDVI from satellite imagery indicates very good vegetation health during the growing season. Above-average to record yields are being reported as the harvest progresses. Early season dryness in the Northeast and late season heavy rainfall in Mato Grosso have not significantly impacted soybean production.

Personnel from the USDA Foreign Agricultural Service traveled to Brazil during mid-March. The team interviewed government representatives, traders and producers, and toured farms in southern Goiás and northern Mato Grosso do Sul. Above-average and record yields were reported for the recently harvested soybean crop in this region. Second-corn and cotton crops were observed to be in very good condition overall, with localized pest problems having insignificant impacts. Traders and representatives from grower's associations estimate bumper soybean and corn crops nationally this year due to favorable weather and growing conditions. *(For more information, please contact Maria.Anulacion@fas.usda.gov.)*

Mexico Corn: Record Production

USDA estimates Mexico 2016/17 corn production at a record 27.0 million metric tons, up 4.0 percent from last month, and up 4.0 percent from last year. Area harvested is estimated at 7.5 million hectares, unchanged from last month but up 4.0 percent from last year. Yield is estimated at 3.6 metric tons per hectare (mt/ha), unchanged from last year's record.



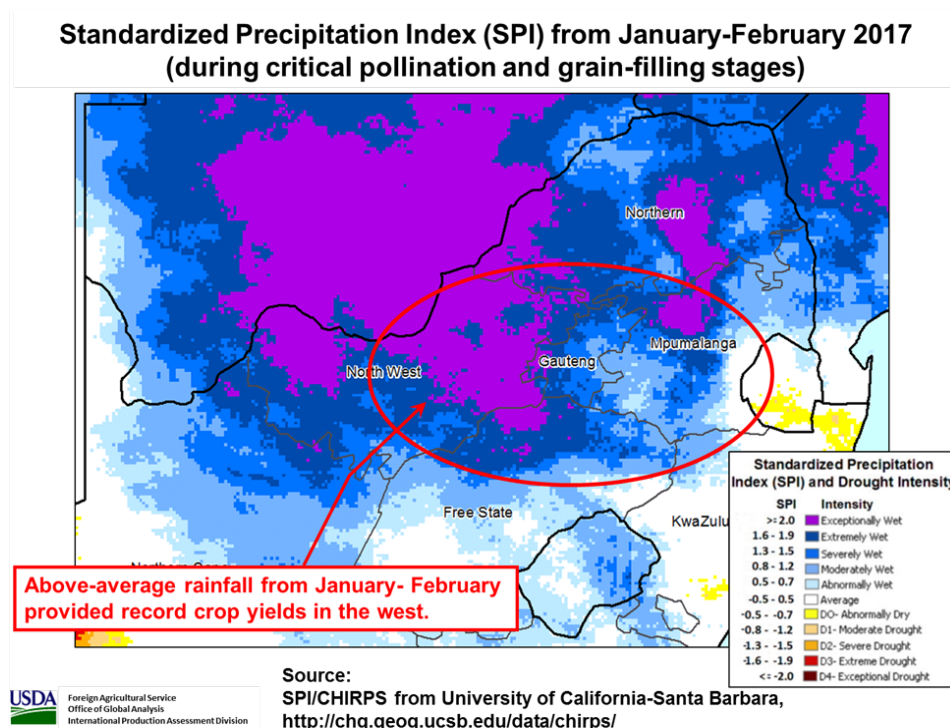
Mexico corn has two seasons, a spring/summer cycle, which accounts for approximately 75 percent of production, followed by a fall/winter cycle. The spring/summer crop is planted from May through August and relies predominantly on monsoon rainfall, as approximately 85 percent of the crop is rainfed. Corn yields for the spring/summer cycle tend to be highly variable and low yielding. Abundant rainfall in July through September, the most critical time for corn

development, was well above average, with nearly 50 percent more rainfall this year compared to the same period last year. Favorable rainfall throughout the course of the growing season greatly benefitted yields, up 7.0 percent from the 4-year average as reported by the Servicio de Información Agrícola y Pesquera (SIAP).

The fall/winter crop is planted from November through February, and is mostly dependent on irrigation as its main water source. Yields typically range between 5 and 6 mt/ha. Planting for the 2016/17 fall/winter corn crop progressed under favorable weather conditions and concluded in February. According to SIAP, approximately 1.16 million hectares of fall/winter corn were planted, down 130,000 hectares from last year. In Sinaloa, the top producing state for the fall/winter crop, planted area was reported at 480,000 hectares, down 90,000 hectares from last year. Irrigation water levels continue to remain adequate benefitting yield potential. Harvest for the fall/winter crop begins in mid-April and extends through July. *(For more information, please contact Justin.Jenkins@fas.usda.gov.)*

South Africa Corn: Near-Record Crop Expected

South Africa's 2016/17 corn production is forecast at a record 15.0 million metric tons (mmt), up 0.4 mmt or 3 percent from last month and up 6.8 mmt or 83 percent from last year. Area is forecast at 3.1 million hectares, unchanged from last month and up 0.9 million hectares from last year. The forecast yield is 4.84 metric tons per hectare, up 30 percent from last year and near the record yield of 4.85. The forecast yield is near record due to above-average seasonal rainfall, especially during January and February when the crop was in the critical pollination and grain-filling stages.

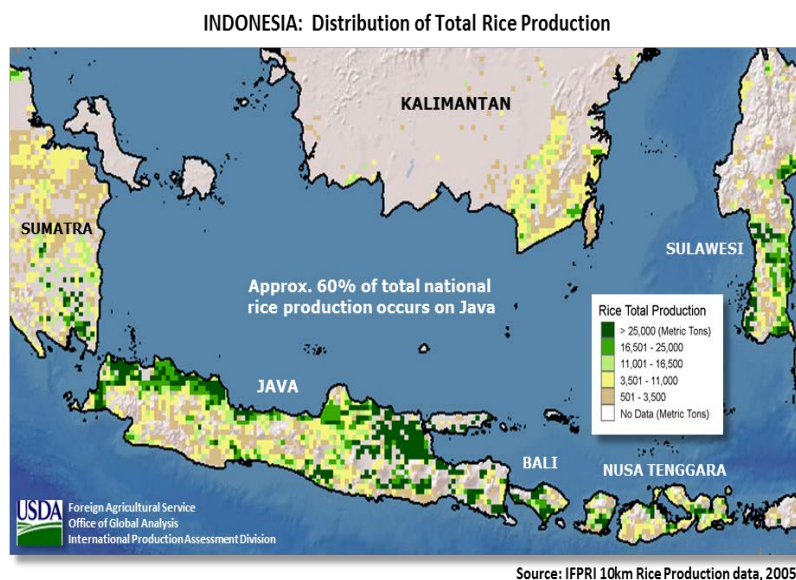


Seasonal rains were favorable throughout most of the country during the planting season in November through December and well above-average during January and February when crop water requirements were critical for favorable grain development. Rainfall was below-average

during March but crop yields were not adversely affected due to soil moisture reserves available from surplus rainfall during February. The Normalized Difference Vegetation Index (NDVI) from satellite imagery and NDVI crop yield analysis indicates above-average yields expected in the east and near-record yields in the central and western provinces where over 60 percent of national corn output occurs. *(For more information, please contact Curt.Reynolds@fas.usda.gov.)*

Indonesia Rice: Production Forecast Higher

Indonesia's 2016/17 rice production is estimated at 37.2 million metric tons (milled basis), up 0.6 million tons or 2 percent from last month, and up 3 percent from last year. Harvested area is



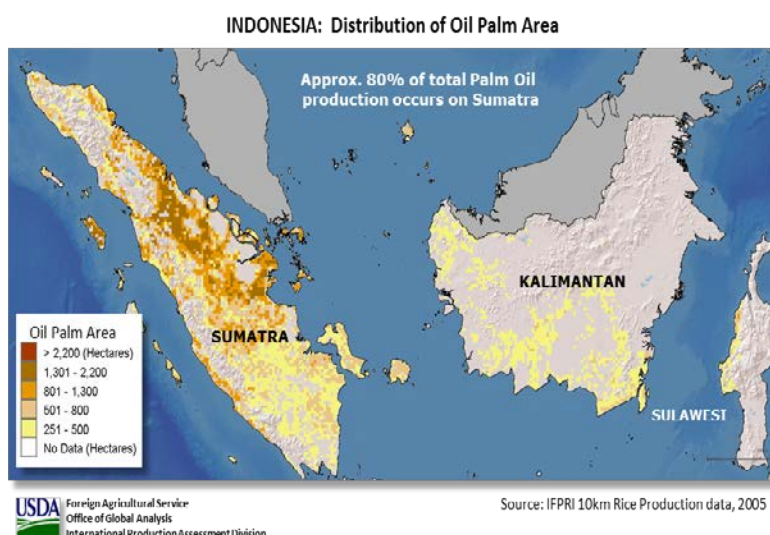
estimated at a record 12.2 million hectares, up 1 percent from last month and last year. Yield is estimated above-average at 4.78 tons per hectare. Timely and beneficial rainfall during the important wet season growing period (October to March) boosted rice production prospects throughout Indonesia. In addition, government programs targeting national self-sufficiency in rice production are finally showing positive results. The government is providing free

hybrid rice seed sufficient to cover approximately 33 percent of total national rice area in 2016/17. It is also providing access to approximately 80,000 hectares of government-owned plantation land for farmers to expand cultivated area. Both programs are reportedly popular on Java, Sumatra, and Kalimantan, where the vast majority of rice is cultivated. Beneficial rainfall coupled with higher acreage and an expansion in area covered by high-yielding varieties is expected to boost national average yields. FAS/Jakarta also reports that irrigation supplies are more than adequate to sustain irrigated acreage this year. Irrigated rice area accounts for roughly 85 percent of total harvested area. *(For more information, please contact Michael.Shean@fas.usda.gov.)*

Indonesia Palm Oil: Production Forecast Lower

Indonesia's 2016/17 palm oil production is estimated at a record 34.0 million metric tons (mmt), down 1.0 million or 3 percent from last month but up 6 percent from last year. Mature oil palm area is also estimated at a record 9.2 million hectares, up 235,000 hectares or 3 percent from last year. Yields are estimated near-average at 3.70 tons per hectare, up 4 percent from last year. Palm oil yields and production are expected to recover this season as a more favorable rainfall pattern has predominated in major producing areas (Sumatra and Kalimantan) following last year's El Niño. The beneficial moisture is enabling trees to recover from El Niño-related drought

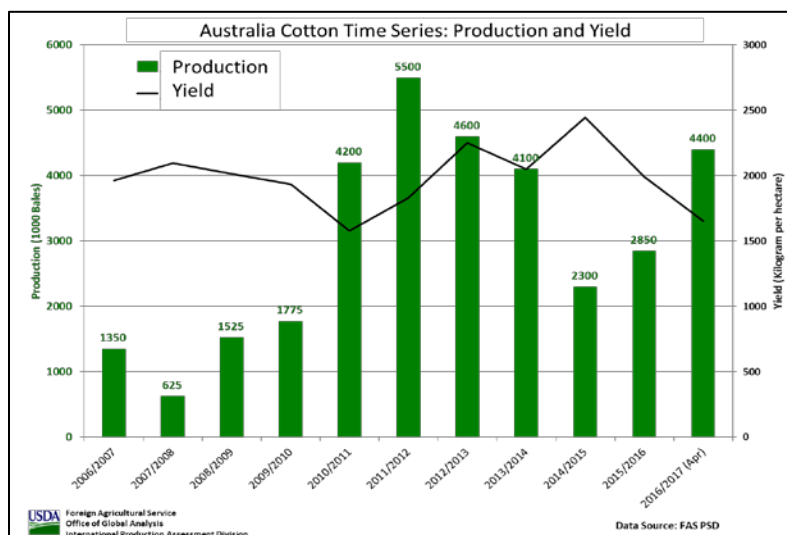
stress. Immature oil palm area is estimated at 1.7 million hectares, which should provide near-normal annual growth for at least the next three to four years. The rate of new plantings,



however, has reportedly begun to decline during the past few years, as new regulatory hurdles and drought affected planters' ability to expand. *(For more information, please contact Michael.Shean@fas.usda.gov.)*

Australia Cotton: Production Estimate Revised Down

The 2016/17 Australia cotton crop is forecast at 4.4 million bales, down 0.1 million from last month and but up 1.55 million or 54 percent from last year. Harvested area is forecast at 580,000 hectares, up 30,000 from last month, and up 86 percent from last year. Yield is forecast at 1,652 kilograms per hectare, 22 percent below the 5-year average. Yield is expected to decrease from last year because area sown to dryland cotton has increased. In



February, record high temperatures reduced yield expectations for both dryland and irrigated cotton. Irrigated cotton yields are substantially higher than dryland yields and the difference widens in low-rainfall years. Area is revised higher based on industry survey data. On average about 90 percent of Australia's total cotton production comes from irrigated areas. This will be the first time in three years that a significant share of total cotton area has been planted to dryland cotton. Dryland planting tends to vary with the seasonal weather forecast and prices at sowing. This season's above-average rainfall increased water reserves 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 cotton prices relative to sorghum have shifted sorghum area to cotton in Queensland and northern New South Wales where these crops compete. Sorghum and cotton are the two dominant summer crops in eastern Australia. Cotton was sown in October and harvest will begin later this month. *(For more information, please contact James.Crutchfield@fas.usda.gov.)*



World Agricultural Production
U.S. Department of Agriculture

Foreign Agricultural Service / Office of Global Analysis
International Production Assessment Division (IPAD)

Ag Box 1051, Room 4630, South Building
Washington, DC 20250-1051

<http://www.pecad.fas.usda.gov/>

Telephone: (202) 720-1662 Fax: (202) 720-1158

This report uses information from the Foreign Agricultural Service's (FAS) global network of agricultural attachés and counselors, official statistics of foreign governments and other foreign source materials, and the analysis of economic data and satellite imagery. Estimates of foreign area, yield, and production are from the International Production Assessment Division, FAS, and are reviewed by USDA's Inter-Agency Commodity Estimates Committee. Estimates of U.S. area, yield, and production are from USDA's National Agricultural Statistics Service. Numbers within the report may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-564), April 11, 2017.

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, May 10, 2017.

Conversion Table

Metric tons to bushels

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

Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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Metric tons to hundredweight

Rice	=	MT * 22.04622
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Area & weight

1 hectare	=	2.471044 acres
1 kilogram	=	2.204622 pounds



For further information, contact:
U.S. Department of Agriculture
Foreign Agricultural Service
Office of Global Analysis
International Production Assessment Division
Ag Box 1051, Room 4630, South Building
Washington, DC 20250-1051

Telephone: (202) 720-1662

Fax: (202) 720-1158

GENERAL INFORMATION

Director	Ronald Frantz	202-720-4056	ronald.frantz@fas.usda.gov
Deputy Director	Robert Tetrault	202-720-1071	robert.tetrault@fas.usda.gov
Administrative Assistant	Shelisa Johnson	202-720-1662	shelisa.johnson@fas.usda.gov
USDA Remote Sensing Advisor	Glenn Bethel	202-720-1280	glenn.bethel@fas.usda.gov
Sr. Analyst/Satellite Imagery	Curt Reynolds, Ph.D.	202-690-0134	curt.reynolds@fas.usda.gov
Archives Manager/Technical Lead			
Sr. Analyst/ Technical Lead	Dath Mita, Ph.D.	202-720-7339	dath.mita@fas.usda.gov
Sr. Analyst/ Global Special	Jim Crutchfield	202-690-0135	james.crutchfield@fas.usda.gov
Projects Manager/Technical Lead			
Sr. Analyst/Technical Lead	Vacant		
GIS Analyst/WAP Coordinator	Justin Jenkins	202-720-0419	justin.jenkins@fas.usda.gov

COUNTRY- AND REGION-SPECIFIC INFORMATION

South America, Argentina, Venezuela, and Colombia	Denise McWilliams, Ph.D.	202-720-0107	denise.mcwilliams@fas.usda.gov
Western and Central Europe, and North Africa	Bryan Purcell	202-690-0138	bryan.purcell@fas.usda.gov
Russia, Kazakhstan, Ukraine, and other FSU-12 countries	Mark Lindeman	202-690-0143	mark.lindeman@fas.usda.gov
South Asia, Sri Lanka	Arnella Trent	202-720-0881	arnella.trent@fas.usda.gov
Bangladesh, India, and Nepal			
East Asia, China, and Japan	Dath Mita, Ph.D.	202-720-7339	dath.mita@fas.usda.gov
Sub-Saharan Africa,	Curt Reynolds, Ph.D.	202-690-0134	curt.reynolds@fas.usda.gov
Nigeria and South Africa			
S.E. Asia, Indonesia, Thailand, Malaysia, Cambodia and Vietnam	Michael Shean	202-720-7366	michael.shean@fas.usda.gov
Central America, Mexico, and Western United States	Justin Jenkins	202-720-0419	justin.jenkins@fas.usda.gov
Australia, New Zealand, Pakistan	Jim Crutchfield	202-690-0135	james.crutchfield@fas.usda.gov
Papua New Guinea and South Pacific Islands			
Middle East, Afghanistan, Iraq, Iran, Syria	Bill Baker, Ph.D.	202-260-8109	william.baker@fas.usda.gov
Canada, Caribbean,	Katie McGaughey	202-720-9210	katie.mcgaughey@fas.usda.gov
Eastern United States			
Brazil	Maria Anulacion	202-690-0133	maria.anulacion@fas.usda.gov



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

FAS Reports and Databases:

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		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 2014/15 2015/16 prel. 2016/17 proj. Mar Apr Coarse Grains 2014/15 2015/16 prel. 2016/17 proj. Mar Apr Rice, Milled 2014/15 2015/16 prel. 2016/17 proj. Mar Apr Total Grains 2014/15 2015/16 prel. 2016/17 proj. Mar Apr Oilseeds 2014/15 2015/16 prel. 2016/17 proj. Mar Apr Cotton 2014/15 2015/16 prel. 2016/17 proj. Mar Apr	---Million metric tons---																		
	728.1	672.9	55.1	29.4	3.7	59.1	24.8	nr	126.2	95.9	0.0	26.0	0.0	13.9	6.0	23.7	1.8	15.3	247.3
	735.2	679.1	56.1	27.6	3.8	61.0	27.3	nr	130.2	86.5	0.0	25.1	0.0	11.3	5.5	24.2	1.4	19.5	255.7
	751.1	688.2	62.9	31.7	3.9	72.5	26.8	nr	128.9	87.0	0.0	25.3	0.0	16.0	6.7	35.0	1.9	17.3	235.3
	751.4	688.5	62.9	31.7	3.9	72.5	26.8	nr	128.9	87.0	0.0	25.6	0.0	16.0	6.7	35.0	1.9	17.3	235.3
	1,308.0	930.7	377.2	22.0	32.7	40.4	39.4	nr	222.8	43.1	9.0	5.3	4.9	36.8	87.7	12.6	11.1	9.4	353.7
	1,251.1	884.1	367.0	25.6	32.4	37.4	33.4	nr	231.8	38.5	10.5	5.7	4.8	37.9	69.1	12.4	8.7	14.3	321.5
	1,341.7	939.1	402.6	25.6	32.3	40.9	39.2	nr	227.9	44.2	10.2	5.7	5.3	45.2	94.0	16.6	15.2	10.9	325.9
	1,346.1	943.5	402.6	25.6	33.2	40.8	39.2	nr	227.9	44.2	10.9	6.1	5.3	46.2	96.0	16.6	15.6	10.9	325.0
	478.6	471.4	7.1	0.0	0.2	0.7	0.0	nr	144.6	105.5	35.6	6.9	18.8	1.0	8.5	0.5	0.0	0.5	148.9
	472.2	466.1	6.1	0.0	0.2	0.7	0.0	nr	145.8	104.4	36.2	6.8	15.8	0.9	7.2	0.2	0.0	0.5	147.4
	480.3	473.2	7.1	0.0	0.2	0.7	0.0	nr	144.9	106.5	36.6	6.6	18.6	0.9	8.1	0.6	0.0	0.5	149.0
	481.1	474.0	7.1	0.0	0.2	0.7	0.0	nr	144.9	106.5	37.2	6.8	18.6	0.9	8.2	0.6	0.0	0.5	149.0
	2,514.6	2,075.1	439.5	51.4	36.6	100.1	64.2	nr	493.5	244.4	44.6	38.2	23.6	51.7	102.1	36.8	12.9	25.1	749.8
	2,458.6	2,029.3	429.3	53.2	36.3	99.2	60.7	nr	507.8	229.5	46.7	37.6	20.6	50.1	81.9	36.8	10.1	34.3	724.6
	2,573.1	2,100.5	472.6	57.3	36.4	114.1	66.0	nr	501.6	237.7	46.8	37.6	23.9	62.1	108.8	52.3	17.1	28.7	710.2
	2,578.6	2,106.0	472.6	57.3	37.3	114.0	66.0	nr	501.6	237.7	48.1	38.5	23.9	63.1	110.9	52.3	17.5	28.7	709.3
	536.7	420.6	116.0	22.5	1.1	12.1	16.3	nr	57.7	32.3	12.1	5.1	0.8	66.2	100.1	4.3	1.8	2.6	85.6
	521.3	405.4	115.9	24.8	1.0	12.9	17.6	nr	54.5	29.8	11.8	3.5	0.9	60.8	99.0	3.9	1.5	2.3	81.3
	558.0	430.7	127.3	25.0	1.1	14.6	19.2	nr	54.7	37.1	12.5	3.9	0.8	60.3	110.8	5.6	2.0	2.7	80.4
	563.4	436.1	127.3	25.0	1.1	15.0	19.2	nr	54.7	37.3	12.3	3.7	0.9	60.8	113.8	5.6	2.2	2.7	82.0
119.2	102.9	16.3	0.0	1.3	0.0	0.0	1.7	30.0	29.5	0.0	10.6	0.0	1.1	7.0	2.3	0.1	3.2	16.1	
96.7	83.8	12.9	0.0	0.9	0.0	0.0	1.3	22.0	26.4	0.0	7.0	0.0	0.8	5.9	2.9	0.0	2.7	14.0	
105.7	88.5	17.2	0.0	0.7	0.0	0.0	1.2	22.5	27.0	0.0	7.7	0.0	0.7	6.5	4.5	0.1	3.2	14.4	
106.3	89.1	17.2	0.0	0.7	0.0	0.0	1.3	22.8	27.0	0.0	7.7	0.0	0.7	6.7	4.4	0.1	3.2	14.5	

1/ Includes wheat, coarse grains, and rice (milled) shown above.

Table 02 Wheat Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	2014/15	Prel. 2015/16	2016/17 Proj.		2014/15	Prel. 2015/16	2016/17 Proj.		2014/15	Prel. 2015/16	2016/17 Proj.		From last month		From last year	
			Mar	Apr			Mar	Apr			Mar	Apr	MMT	Percent	MMT	Percent
World	221.61	224.90	221.92	221.73	3.29	3.27	3.38	3.39	728.07	735.23	751.07	751.36	0.28	0.04	16.13	2.19
United States	18.77	19.15	17.76	17.76	2.94	2.93	3.54	3.54	55.15	56.12	62.86	62.86	0.00	0.00	6.74	12.01
Total Foreign	202.84	205.75	204.16	203.97	3.32	3.30	3.37	3.38	672.92	679.11	688.22	688.50	0.28	0.04	9.39	1.38
European Union	26.75	26.78	27.09	27.09	5.87	5.98	5.34	5.34	156.91	160.00	144.66	144.66	0.00	0.00	-15.34	-9.59
China	24.07	24.14	24.19	24.19	5.24	5.39	5.33	5.33	126.21	130.19	128.85	128.85	0.00	0.00	-1.34	-1.03
South Asia																
India	30.47	31.47	30.22	30.22	3.15	2.75	2.88	2.88	95.85	86.53	87.00	87.00	0.00	0.00	0.47	0.54
Pakistan	9.10	9.20	9.23	9.20	2.85	2.73	2.74	2.78	25.98	25.10	25.30	25.60	0.30	1.19	0.50	1.99
Afghanistan	2.56	2.55	2.55	2.55	1.96	1.96	2.00	2.00	5.03	5.00	5.10	5.10	0.00	0.00	0.10	2.00
Nepal	0.77	0.77	0.77	0.77	2.57	2.45	2.45	2.45	1.98	1.89	1.89	1.89	0.00	0.00	0.00	0.00
Former Soviet Union - 12																
Russia	23.64	25.58	27.05	27.00	2.50	2.39	2.68	2.69	59.08	61.04	72.50	72.53	0.03	0.04	11.49	18.81
Ukraine	6.30	7.12	6.45	6.45	3.93	3.83	4.16	4.16	24.75	27.27	26.80	26.80	0.00	0.00	-0.47	-1.74
Kazakhstan	11.92	11.57	12.37	12.37	1.09	1.19	1.21	1.21	13.00	13.75	14.99	14.99	0.00	0.00	1.24	9.00
Uzbekistan	1.40	1.40	1.40	1.40	5.11	5.14	5.14	5.14	7.15	7.20	7.20	7.20	0.00	0.00	0.00	0.00
Belarus	0.74	0.73	0.70	0.70	3.94	3.96	3.71	3.71	2.92	2.90	2.60	2.60	0.00	0.00	-0.30	-10.22
Canada	9.48	9.58	8.88	8.88	3.10	2.88	3.57	3.57	29.42	27.59	31.70	31.70	0.00	0.00	4.11	14.88
South America																
Argentina	4.96	3.95	4.90	4.90	2.81	2.86	3.27	3.27	13.93	11.30	16.00	16.00	0.00	0.00	4.70	41.59
Brazil	2.73	2.45	2.12	2.12	2.20	2.26	3.17	3.17	6.00	5.54	6.73	6.73	0.00	0.00	1.19	21.48
Uruguay	0.40	0.33	0.33	0.22	2.70	3.61	2.70	3.70	1.08	1.19	0.89	0.82	-0.07	-7.75	-0.37	-31.07
Australia	12.38	12.80	12.90	12.90	1.92	1.89	2.71	2.71	23.74	24.17	35.00	35.00	0.00	0.00	10.83	44.82
Africa																
Egypt	1.35	1.26	1.26	1.26	6.15	6.43	6.43	6.43	8.30	8.10	8.10	8.10	0.00	0.00	0.00	0.00
Morocco	3.06	3.20	2.11	2.11	1.67	2.50	1.29	1.29	5.10	8.00	2.73	2.73	0.00	0.00	-5.27	-65.86
Ethiopia	1.66	1.60	1.60	1.60	2.54	2.09	2.38	2.38	4.23	3.34	3.80	3.80	0.00	0.00	0.46	13.77
Algeria	1.70	2.10	1.30	1.30	1.12	1.29	1.54	1.54	1.90	2.70	2.00	2.00	0.00	0.00	-0.70	-25.93
Middle East																
Turkey	7.71	7.86	7.82	7.82	1.98	2.48	2.21	2.21	15.25	19.50	17.25	17.25	0.00	0.00	-2.25	-11.54
Iran	6.80	6.80	6.80	6.80	1.91	2.21	2.28	2.28	13.00	15.00	15.50	15.50	0.00	0.00	0.50	3.33
Iraq	2.46	2.45	2.30	2.30	1.42	1.35	1.48	1.48	3.50	3.30	3.40	3.40	0.00	0.00	0.10	3.03
Syria	1.30	1.45	1.10	1.10	1.92	2.41	2.18	2.18	2.50	3.50	2.40	2.40	0.00	0.00	-1.10	-31.43
Mexico	0.71	0.83	0.71	0.71	5.21	4.55	5.43	5.43	3.69	3.75	3.86	3.86	0.00	0.00	0.11	2.99
Others	8.42	7.80	8.01	8.00	2.66	2.72	2.74	2.75	22.43	21.26	21.97	21.99	0.02	0.10	0.74	3.46

World and Selected Countries and Regions

Table 03 Total Coarse Grain Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	325.36	321.48	322.59	322.88	4.02	3.89	4.16	4.17	1,307.96	1,251.09	1,341.70	1,346.08	4.38	0.33	94.99	7.59
United States	37.77	37.80	39.20	39.20	9.99	9.71	10.27	10.27	377.23	367.01	402.60	402.60	0.00	0.00	35.59	9.70
Total Foreign	287.60	283.68	283.39	283.68	3.24	3.12	3.31	3.33	930.73	884.08	939.10	943.48	4.38	0.47	59.40	6.72
China	39.18	40.18	39.00	39.00	5.68	5.77	5.84	5.84	222.75	231.82	227.85	227.85	0.00	0.00	-3.97	-1.71
European Union	30.76	30.33	30.06	30.06	5.55	5.00	5.06	5.06	170.67	151.73	152.17	152.17	0.00	0.00	0.44	0.29
South America																
Brazil	16.77	16.97	17.94	18.24	5.23	4.07	5.24	5.26	87.67	69.13	94.02	96.02	2.00	2.13	26.89	38.90
Argentina	5.47	5.78	6.71	6.71	6.72	6.56	6.73	6.88	36.78	37.94	45.18	46.18	1.00	2.21	8.24	21.72
Former Soviet Union - 12																
Russia	16.73	15.23	15.16	15.14	2.41	2.46	2.70	2.69	40.39	37.43	40.92	40.77	-0.15	-0.37	3.34	8.92
Ukraine	8.44	7.62	7.82	7.82	4.67	4.38	5.01	5.01	39.39	33.39	39.21	39.21	0.00	0.00	5.82	17.43
Kazakhstan	2.31	2.46	2.33	2.33	1.47	1.51	1.90	1.90	3.39	3.73	4.43	4.43	0.00	0.00	0.71	18.93
Belarus	1.13	0.95	1.22	1.22	3.52	3.48	3.37	3.37	3.98	3.32	4.10	4.10	0.00	0.00	0.78	23.61
Africa																
Nigeria	13.65	13.10	13.30	13.30	1.39	1.37	1.39	1.39	19.02	17.95	18.50	18.50	0.00	0.00	0.55	3.06
South Africa	3.25	2.41	3.28	3.28	3.41	3.61	4.62	4.74	11.11	8.68	15.16	15.57	0.40	2.66	6.89	79.38
Tanzania	5.29	5.15	5.35	5.35	1.48	1.39	1.24	1.24	7.84	7.17	6.65	6.65	0.00	0.00	-0.52	-7.25
Burkina	3.49	3.85	3.85	3.85	1.18	1.00	1.14	1.14	4.11	3.85	4.40	4.40	0.00	0.00	0.55	14.23
Ethiopia	5.36	5.21	5.64	5.64	2.69	1.92	2.26	2.26	14.44	9.99	12.75	12.75	0.00	0.00	2.77	27.69
Egypt	0.97	0.97	0.97	0.97	7.09	7.05	7.05	7.05	6.87	6.86	6.86	6.86	0.00	0.00	0.00	0.00
Mali	3.75	4.00	3.85	3.85	1.26	1.36	1.31	1.31	4.73	5.44	5.05	5.05	0.00	0.00	-0.39	-7.17
India	25.14	24.69	24.50	24.50	1.71	1.56	1.80	1.80	43.08	38.53	44.20	44.20	0.00	0.00	5.67	14.72
Southeast Asia																
Indonesia	3.10	3.40	3.45	3.50	2.90	3.09	2.96	3.11	9.00	10.50	10.20	10.90	0.70	6.86	0.40	3.81
Philippines	2.56	2.42	2.60	2.68	3.00	2.88	3.04	3.03	7.67	6.97	7.90	8.11	0.21	2.66	1.14	16.36
Vietnam	1.18	1.18	1.10	1.15	4.40	4.48	4.50	4.54	5.19	5.28	4.95	5.23	0.28	5.58	-0.06	-1.04
Thailand	1.13	1.12	1.20	1.20	4.30	4.25	4.39	4.39	4.86	4.76	5.25	5.25	0.00	0.00	0.50	10.41
Mexico	9.41	9.25	9.36	9.33	3.47	3.50	3.45	3.56	32.69	32.40	32.33	33.23	0.90	2.78	0.83	2.56
Canada	4.44	4.88	4.64	4.64	4.95	5.25	5.52	5.52	21.99	25.62	25.63	25.63	0.00	0.00	0.01	0.04
Australia	5.80	5.76	5.49	5.49	2.17	2.16	3.03	3.03	12.61	12.44	16.63	16.63	0.00	0.00	4.20	33.75
Middle East																
Turkey	4.26	4.35	4.30	4.30	2.22	3.28	2.54	2.54	9.43	14.28	10.93	10.93	0.00	0.00	-3.35	-23.47
Iran	2.01	1.74	1.74	1.74	2.87	3.20	3.20	3.20	5.76	5.56	5.56	5.56	0.00	0.00	0.00	0.00
Others	72.03	70.69	68.54	68.40	1.46	1.41	1.43	1.42	105.34	99.36	98.29	97.33	-0.96	-0.97	-2.03	-2.04

World and Selected Countries and Regions; Coarse Grain includes: Barley, Corn, Millet, Mixed Grains, Oats, Rye and Sorghum

Table 04 Corn Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	179.84	177.96	181.88	182.25	5.65	5.41	5.77	5.78	1,016.03	963.32	1,049.24	1,053.76	4.52	0.43	90.44	9.39
United States	33.64	32.68	35.11	35.11	10.73	10.57	10.96	10.96	361.09	345.51	384.78	384.78	0.00	0.00	39.27	11.37
Total Foreign	146.19	145.28	146.77	147.15	4.48	4.25	4.53	4.55	654.94	617.82	664.46	668.98	4.52	0.68	51.17	8.28
China	37.12	38.12	36.76	36.76	5.81	5.89	5.97	5.97	215.65	224.63	219.55	219.55	0.00	0.00	-5.08	-2.26
South America																
Brazil	15.75	16.00	17.00	17.30	5.40	4.19	5.38	5.40	85.00	67.00	91.50	93.50	2.00	2.19	26.50	39.55
Argentina	3.50	3.50	4.60	4.60	8.50	8.29	8.15	8.37	29.75	29.00	37.50	38.50	1.00	2.67	9.50	32.76
Bolivia	0.32	0.32	0.09	0.09	2.30	2.31	1.38	1.38	0.73	0.73	0.12	0.12	0.00	0.00	-0.61	-83.56
European Union	9.56	9.46	8.67	8.67	7.92	6.18	6.95	6.95	75.73	58.41	60.30	60.30	0.00	0.00	1.89	3.23
Africa																
South Africa	3.05	2.21	3.10	3.10	3.49	3.71	4.71	4.84	10.63	8.21	14.60	15.00	0.40	2.74	6.79	82.62
Nigeria	4.15	3.80	4.00	4.00	1.81	1.84	1.80	1.80	7.52	7.00	7.20	7.20	0.00	0.00	0.20	2.86
Ethiopia	2.12	2.15	2.20	2.20	3.42	2.35	2.86	2.86	7.24	5.05	6.30	6.30	0.00	0.00	1.25	24.75
Egypt	0.75	0.75	0.75	0.75	8.00	8.00	8.00	8.00	5.96	6.00	6.00	6.00	0.00	0.00	0.00	0.00
Tanzania	4.20	4.00	4.20	4.20	1.60	1.50	1.31	1.31	6.74	6.00	5.50	5.50	0.00	0.00	-0.50	-8.33
Malawi	1.70	1.75	1.65	1.65	2.31	1.59	1.44	1.44	3.93	2.78	2.37	2.37	0.00	0.00	-0.41	-14.66
Zambia	1.21	0.96	1.16	1.16	2.78	2.78	2.48	2.48	3.35	2.68	2.87	2.87	0.00	0.00	0.19	7.12
Kenya	1.65	1.70	1.70	1.70	1.61	1.65	1.68	1.68	2.65	2.80	2.85	2.85	0.00	0.00	0.05	1.79
Uganda	1.11	1.10	1.10	1.10	2.50	2.36	2.36	2.36	2.76	2.60	2.60	2.60	0.00	0.00	0.00	0.00
Zimbabwe	1.50	1.53	0.80	0.80	0.97	0.48	0.64	0.64	1.46	0.74	0.51	0.51	0.00	0.00	-0.23	-31.00
Former Soviet Union - 12																
Ukraine	4.63	4.09	4.25	4.25	6.15	5.71	6.59	6.59	28.45	23.33	28.00	28.00	0.00	0.00	4.67	20.00
Russia	2.60	2.67	2.80	2.78	4.36	4.93	5.54	5.51	11.33	13.17	15.50	15.31	-0.20	-1.26	2.14	16.23
South Asia																
India	9.19	8.81	9.60	9.60	2.63	2.56	2.71	2.71	24.17	22.57	26.00	26.00	0.00	0.00	3.43	15.20
Pakistan	1.14	1.21	1.15	1.30	4.29	4.38	4.52	4.31	4.90	5.30	5.20	5.60	0.40	7.69	0.30	5.66
Nepal	0.91	0.90	0.90	0.90	2.54	2.22	2.22	2.22	2.30	2.00	2.00	2.00	0.00	0.00	0.00	0.00
Southeast Asia																
Indonesia	3.10	3.40	3.45	3.50	2.90	3.09	2.96	3.11	9.00	10.50	10.20	10.90	0.70	6.86	0.40	3.81
Philippines	2.56	2.42	2.60	2.68	3.00	2.88	3.04	3.03	7.67	6.97	7.90	8.11	0.21	2.66	1.14	16.36
Vietnam	1.18	1.18	1.10	1.15	4.40	4.48	4.50	4.54	5.19	5.28	4.95	5.23	0.28	5.58	-0.06	-1.04
Thailand	1.10	1.09	1.17	1.17	4.36	4.31	4.44	4.45	4.80	4.70	5.20	5.20	0.00	0.00	0.50	10.64
Mexico	7.33	7.21	7.50	7.50	3.48	3.60	3.47	3.60	25.48	25.97	26.00	27.00	1.00	3.85	1.03	3.96
Canada	1.23	1.31	1.33	1.33	9.36	10.33	9.96	9.96	11.49	13.56	13.20	13.20	0.00	0.00	-0.36	-2.65
Turkey	0.55	0.62	0.57	0.57	8.73	10.00	9.65	9.65	4.80	6.20	5.50	5.50	0.00	0.00	-0.70	-11.29
Others	23.03	23.04	22.58	22.35	2.44	2.37	2.44	2.41	56.29	54.63	55.04	53.77	-1.28	-2.32	-0.86	-1.58

World and Selected Countries and Regions

Table 05 Barley Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	49.60	49.73	48.37	48.35	2.86	2.98	3.04	3.04	141.77	148.11	146.97	147.01	0.05	0.03	-1.10	-0.74
United States	1.01	1.28	1.04	1.04	3.91	3.72	4.19	4.19	3.95	4.75	4.34	4.34	0.00	0.00	-0.41	-8.65
Total Foreign	48.59	48.46	47.33	47.32	2.84	2.96	3.01	3.02	137.82	143.36	142.63	142.67	0.05	0.03	-0.69	-0.48
European Union	12.42	12.19	12.49	12.49	4.88	5.05	4.81	4.81	60.61	61.52	60.04	60.04	0.00	0.00	-1.48	-2.40
Former Soviet Union - 12																
Russia	8.80	8.04	7.95	7.96	2.27	2.12	2.20	2.21	20.03	17.08	17.50	17.55	0.05	0.27	0.46	2.72
Ukraine	3.20	3.00	3.05	3.05	2.95	2.92	3.25	3.25	9.45	8.75	9.90	9.90	0.00	0.00	1.15	13.13
Kazakhstan	1.91	2.04	1.89	1.89	1.26	1.31	1.71	1.71	2.41	2.68	3.23	3.23	0.00	0.00	0.56	20.79
Belarus	0.55	0.50	0.60	0.60	3.64	3.70	3.50	3.50	1.99	1.85	2.10	2.10	0.00	0.00	0.25	13.57
Azerbaijan	0.34	0.36	0.30	0.30	2.06	2.95	2.33	2.33	0.70	1.06	0.70	0.70	0.00	0.00	-0.36	-34.21
Canada	2.14	2.35	2.22	2.22	3.33	3.49	3.96	3.96	7.12	8.23	8.80	8.80	0.00	0.00	0.57	6.98
Australia	4.08	4.11	4.00	4.00	2.12	2.09	3.25	3.25	8.65	8.59	13.00	13.00	0.00	0.00	4.41	51.29
Middle East																
Turkey	3.40	3.40	3.40	3.40	1.18	2.18	1.40	1.40	4.00	7.40	4.75	4.75	0.00	0.00	-2.65	-35.81
Iran	1.58	1.30	1.30	1.30	2.03	2.31	2.31	2.31	3.20	3.00	3.00	3.00	0.00	0.00	0.00	0.00
Iraq	1.15	1.16	1.16	1.16	0.87	0.91	0.95	0.95	1.00	1.05	1.10	1.10	0.00	0.00	0.05	4.76
Syria	0.50	0.70	0.45	0.45	0.70	0.71	0.72	0.72	0.35	0.50	0.33	0.33	0.00	0.00	-0.18	-35.00
Africa																
Ethiopia	0.99	1.20	1.20	1.20	1.96	1.63	1.71	1.71	1.95	1.95	2.05	2.05	0.00	0.00	0.10	5.13
Morocco	1.44	1.60	1.14	1.14	1.18	2.19	0.95	0.95	1.70	3.50	1.08	1.08	0.00	0.00	-2.42	-69.26
Algeria	0.80	1.00	0.90	0.90	1.63	1.30	1.11	1.11	1.30	1.30	1.00	1.00	0.00	0.00	-0.30	-23.08
Tunisia	0.54	0.38	0.38	0.38	1.43	0.97	1.05	1.05	0.77	0.37	0.40	0.40	0.00	0.00	0.03	9.29
South Africa	0.09	0.09	0.09	0.09	3.55	3.53	3.99	3.98	0.30	0.33	0.36	0.35	0.00	-0.28	0.02	6.63
South America																
Argentina	0.90	1.25	0.90	0.90	3.22	3.95	3.56	3.56	2.90	4.94	3.20	3.20	0.00	0.00	-1.74	-35.22
Uruguay	0.10	0.09	0.16	0.16	2.43	3.82	3.63	3.63	0.24	0.36	0.58	0.58	0.00	0.00	0.23	63.38
Brazil	0.10	0.10	0.10	0.10	2.60	2.60	3.47	3.47	0.26	0.26	0.33	0.33	0.00	0.00	0.07	26.92
India	0.67	0.71	0.70	0.70	2.72	2.03	2.71	2.71	1.83	1.44	1.90	1.90	0.00	0.00	0.46	31.94
China	0.47	0.45	0.50	0.50	3.86	4.18	4.00	4.00	1.81	1.87	2.00	2.00	0.00	0.00	0.13	6.95
Mexico	0.31	0.32	0.30	0.30	2.69	2.37	2.45	2.45	0.85	0.75	0.74	0.74	0.00	0.00	-0.02	-2.26
Afghanistan	0.28	0.28	0.28	0.28	1.43	1.43	1.50	1.50	0.40	0.40	0.42	0.42	0.00	0.00	0.02	5.00
Others	1.83	1.84	1.89	1.86	2.18	2.28	2.19	2.22	4.00	4.19	4.13	4.13	0.00	0.00	-0.05	-1.24

World and Selected Countries and Regions

Table 06 Oats Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	9.56	9.59	9.42	9.42	2.36	2.38	2.47	2.48	22.53	22.78	23.31	23.40	0.09	0.39	0.62	2.72
United States	0.42	0.52	0.40	0.40	2.43	2.52	2.37	2.37	1.02	1.30	0.94	0.94	0.00	0.00	-0.36	-27.69
Total Foreign	9.14	9.07	9.02	9.03	2.35	2.37	2.48	2.49	21.51	21.48	22.37	22.46	0.09	0.40	0.98	4.56
European Union	2.51	2.48	2.51	2.51	3.11	3.02	3.13	3.13	7.82	7.49	7.86	7.86	0.00	0.00	0.36	4.86
Former Soviet Union - 12																
Russia	3.08	2.83	2.75	2.75	1.71	1.60	1.73	1.73	5.27	4.53	4.75	4.75	0.00	0.00	0.22	4.93
Ukraine	0.25	0.22	0.21	0.21	2.49	2.29	2.40	2.40	0.61	0.50	0.50	0.50	0.00	0.00	0.00	0.40
Belarus	0.15	0.15	0.14	0.14	3.46	3.26	2.86	2.86	0.52	0.49	0.40	0.40	0.00	0.00	-0.09	-18.70
Kazakhstan	0.19	0.20	0.21	0.21	1.18	1.20	1.60	1.60	0.23	0.24	0.34	0.34	0.00	0.00	0.09	37.30
Canada	0.93	1.06	0.90	0.90	3.21	3.25	3.35	3.35	2.98	3.43	3.00	3.00	0.00	0.00	-0.43	-12.49
South America																
Argentina	0.25	0.24	0.36	0.36	2.14	2.30	2.18	2.18	0.53	0.55	0.79	0.79	0.00	0.00	0.23	41.95
Brazil	0.19	0.29	0.26	0.26	1.85	2.69	2.50	2.50	0.35	0.78	0.65	0.65	0.00	0.00	-0.13	-16.99
Chile	0.09	0.11	0.12	0.12	4.68	4.94	5.04	5.04	0.42	0.53	0.60	0.60	0.00	0.00	0.07	12.57
Uruguay	0.01	0.03	0.03	0.03	1.64	1.38	1.48	1.48	0.02	0.04	0.04	0.04	0.00	0.00	0.00	2.78
Oceania																
Australia	0.85	0.83	0.90	0.90	1.40	1.57	2.11	2.11	1.20	1.31	1.90	1.90	0.00	0.00	0.59	45.26
New Zealand	0.01	0.01	0.01	0.01	5.00	4.83	5.29	5.29	0.04	0.03	0.04	0.04	0.00	0.00	0.01	27.59
China	0.20	0.20	0.20	0.20	3.00	3.00	3.00	3.00	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	0.04	0.05	0.05	0.05	0.88	1.19	1.44	1.44	0.04	0.06	0.07	0.07	0.00	0.00	0.01	16.07
South Africa	0.03	0.03	0.03	0.03	1.83	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	0.07	0.06	0.07	0.08	3.93	4.54	3.43	4.34	0.28	0.29	0.24	0.33	0.09	37.50	0.04	15.38
Serbia	0.03	0.03	0.03	0.03	2.20	2.20	2.17	2.17	0.07	0.07	0.07	0.07	0.00	0.00	0.00	-1.52
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	2.70	2.73	2.73	2.73	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Turkey	0.09	0.09	0.09	0.09	2.33	2.33	2.33	2.33	0.21	0.21	0.21	0.21	0.00	0.00	0.00	0.00
Mexico	0.05	0.05	0.05	0.05	1.75	1.81	1.80	1.80	0.09	0.09	0.09	0.09	0.00	0.00	0.00	3.45
Others	0.01	0.01	0.01	0.01	2.00	1.93	1.79	1.79	0.03	0.03	0.03	0.03	0.00	0.00	0.00	-7.41

World and Selected Countries and Regions

Table 07 Rye Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	4.95	4.14	4.45	4.45	2.92	2.94	2.93	2.93	14.46	12.17	13.04	13.05	0.01	0.05	0.88	7.20
United States	0.10	0.15	0.17	0.17	1.76	1.99	2.04	2.04	0.18	0.30	0.34	0.34	0.00	0.00	0.05	15.93
Total Foreign	4.85	4.00	4.28	4.28	2.94	2.97	2.97	2.97	14.27	11.88	12.70	12.71	0.01	0.05	0.83	6.98
European Union	2.12	1.96	2.13	2.13	4.19	4.01	3.75	3.75	8.86	7.83	8.00	8.00	0.00	0.00	0.17	2.11
Former Soviet Union - 12																
Russia	1.85	1.25	1.25	1.25	1.77	1.67	2.03	2.03	3.28	2.08	2.54	2.54	0.00	-0.08	0.45	21.79
Belarus	0.32	0.25	0.33	0.33	2.71	3.01	2.46	2.46	0.87	0.75	0.80	0.80	0.00	0.00	0.05	6.24
Ukraine	0.19	0.15	0.14	0.14	2.57	2.59	2.71	2.71	0.48	0.39	0.39	0.39	0.00	0.00	0.00	-1.02
Kazakhstan	0.04	0.04	0.04	0.04	1.42	0.97	1.14	1.14	0.06	0.04	0.04	0.04	0.00	0.00	0.00	10.81
Turkey	0.12	0.14	0.14	0.14	2.61	2.50	2.50	2.50	0.30	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Canada	0.09	0.10	0.13	0.13	2.48	2.38	3.23	3.23	0.22	0.23	0.41	0.41	0.00	0.00	0.18	81.42
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	0.05	0.03	0.04	0.04	1.90	1.79	1.98	1.98	0.10	0.06	0.08	0.08	0.00	0.00	0.02	29.51
Other Europe																
Bosnia and Herzegovina	0.00	0.00	0.00	0.00	2.25	2.67	3.00	3.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	12.50
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	0.57	0.61	0.63	0.63	0.02	0.02	0.03	0.03	0.00	0.00	0.00	13.64
Others	0.03	0.04	0.03	0.03	1.76	2.24	1.03	1.21	0.06	0.08	0.03	0.04	0.01	25.00	-0.04	-51.81

World and Selected Countries and Regions

Table 08 Sorghum Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	43.75	42.98	41.54	41.46	1.49	1.39	1.51	1.51	65.23	59.60	62.78	62.50	-0.28	-0.44	2.90	4.87
United States	2.59	3.18	2.49	2.49	4.24	4.77	4.89	4.89	10.99	15.16	12.20	12.20	0.00	0.00	-2.96	-19.52
Total Foreign	41.16	39.80	39.04	38.97	1.32	1.12	1.30	1.29	54.24	44.44	50.58	50.30	-0.28	-0.55	5.86	13.19
Africa																
Nigeria	5.50	5.30	5.30	5.30	1.22	1.16	1.23	1.23	6.70	6.15	6.50	6.50	0.00	0.00	0.35	5.69
Ethiopia	1.84	1.50	1.80	1.80	2.36	1.73	2.06	2.06	4.34	2.60	3.70	3.70	0.00	0.00	1.10	42.31
Sudan	8.38	8.00	8.00	8.00	0.75	0.30	0.69	0.69	6.28	2.39	5.50	5.50	0.00	0.00	3.11	130.32
Burkina	1.55	1.80	1.80	1.80	1.10	0.80	1.06	1.06	1.71	1.44	1.90	1.90	0.00	0.00	0.46	32.31
Mali	1.21	1.30	1.30	1.30	1.06	1.00	1.00	1.00	1.27	1.30	1.30	1.30	0.00	0.00	0.00	0.00
Niger	3.57	3.50	3.50	3.50	0.40	0.55	0.37	0.37	1.43	1.92	1.30	1.30	0.00	0.00	-0.62	-32.19
Cameroon	0.82	0.80	0.80	0.80	1.40	1.44	1.44	1.44	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.00
Tanzania	0.80	0.80	0.80	0.80	1.05	1.03	1.00	1.00	0.84	0.82	0.80	0.80	0.00	0.00	-0.02	-2.44
Egypt	0.14	0.14	0.14	0.14	5.74	5.36	5.36	5.36	0.80	0.75	0.75	0.75	0.00	0.00	0.00	0.00
Uganda	0.37	0.35	0.35	0.35	0.80	0.91	0.91	0.91	0.30	0.32	0.32	0.32	0.00	0.00	0.00	0.00
Ghana	0.23	0.25	0.25	0.25	1.14	1.05	1.20	1.20	0.26	0.26	0.30	0.30	0.00	0.00	0.04	14.07
Mozambique	0.30	0.30	0.30	0.30	0.76	0.72	0.67	0.67	0.23	0.22	0.20	0.20	0.00	0.00	-0.02	-6.98
South Africa	0.07	0.05	0.05	0.05	1.70	1.51	3.33	3.44	0.12	0.07	0.15	0.16	0.01	3.33	0.08	109.46
Mexico	1.72	1.68	1.51	1.48	3.66	3.33	3.64	3.65	6.27	5.59	5.50	5.40	-0.10	-1.82	-0.19	-3.35
South America																
Argentina	0.77	0.75	0.80	0.80	4.55	4.50	4.50	4.50	3.50	3.38	3.60	3.60	0.00	0.00	0.23	6.67
Brazil	0.72	0.58	0.58	0.58	2.84	1.86	2.64	2.64	2.06	1.08	1.53	1.53	0.00	0.00	0.45	41.67
South Asia																
India	6.16	6.08	5.10	5.10	0.88	0.70	0.94	0.94	5.45	4.24	4.80	4.80	0.00	0.00	0.56	13.26
Pakistan	0.17	0.24	0.20	0.20	0.60	0.60	0.65	0.65	0.10	0.15	0.13	0.13	0.00	0.00	-0.02	-10.34
China	0.62	0.57	0.76	0.76	4.66	4.79	5.00	5.00	2.89	2.75	3.80	3.80	0.00	0.00	1.05	38.18
Australia	0.73	0.68	0.44	0.44	3.02	2.99	2.73	2.73	2.21	2.04	1.20	1.20	0.00	0.00	-0.84	-41.09
European Union	0.15	0.14	0.13	0.13	6.03	5.22	5.72	5.72	0.89	0.73	0.74	0.74	0.00	0.00	0.01	1.78
Others	5.36	4.99	5.14	5.09	1.02	1.02	1.05	1.03	5.46	5.12	5.41	5.23	-0.18	-3.35	0.11	2.11

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.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	160.94	159.19	161.35	161.53	4.43	4.42	4.44	4.44	478.55	472.25	480.35	481.14	0.80	0.17	8.89	1.88
United States	1.19	1.05	1.25	1.25	8.49	8.38	8.11	8.11	7.11	6.13	7.12	7.12	0.00	0.00	0.98	16.04
Total Foreign	159.75	158.14	160.09	160.27	4.40	4.40	4.41	4.41	471.45	466.12	473.23	474.03	0.80	0.17	7.91	1.70
East Asia																
China	30.31	30.21	30.16	30.16	6.81	6.89	6.86	6.86	144.56	145.77	144.85	144.85	0.00	0.00	-0.92	-0.63
Japan	1.61	1.59	1.57	1.57	6.71	6.64	6.82	6.81	7.85	7.67	7.79	7.78	-0.01	-0.13	0.11	1.43
Korea, South	0.82	0.80	0.78	0.78	6.91	7.22	7.22	7.22	4.24	4.33	4.20	4.20	0.00	0.00	-0.13	-3.00
Korea, North	0.53	0.48	0.50	0.50	4.98	4.21	4.92	4.92	1.70	1.30	1.60	1.60	0.00	0.00	0.30	23.08
South Asia																
India	44.11	43.50	44.50	44.50	3.59	3.60	3.59	3.59	105.48	104.41	106.50	106.50	0.00	0.00	2.09	2.00
Bangladesh	11.79	11.77	11.77	11.77	4.39	4.40	4.41	4.41	34.50	34.50	34.58	34.58	0.00	0.00	0.08	0.23
Pakistan	2.85	2.74	2.66	2.69	3.63	3.72	3.74	3.80	6.90	6.80	6.64	6.80	0.16	2.41	0.00	0.00
Nepal	1.56	1.50	1.50	1.50	2.98	3.10	3.10	3.10	3.10	3.10	3.10	3.10	0.00	0.00	0.00	0.00
Sri Lanka	0.93	1.23	1.00	1.00	4.32	3.95	3.46	3.46	2.74	3.29	2.35	2.35	0.00	0.00	-0.94	-28.66
Southeast Asia																
Indonesia	11.83	12.10	12.16	12.24	4.73	4.71	4.74	4.78	35.56	36.20	36.60	37.15	0.55	1.50	0.95	2.62
Vietnam	7.82	7.70	7.69	7.70	5.76	5.73	5.78	5.79	28.17	27.58	27.80	27.86	0.06	0.22	0.28	1.00
Thailand	10.27	9.44	10.08	10.08	2.77	2.53	2.80	2.80	18.75	15.80	18.60	18.60	0.00	0.00	2.80	17.72
Burma	7.04	6.90	7.00	7.00	2.80	2.75	2.79	2.77	12.60	12.16	12.50	12.40	-0.10	-0.80	0.24	1.97
Philippines	4.71	4.52	4.60	4.60	4.02	3.86	3.97	3.97	11.92	11.00	11.50	11.50	0.00	0.00	0.50	4.55
Cambodia	3.03	3.03	3.00	3.00	2.42	2.43	2.45	2.45	4.70	4.71	4.70	4.70	0.00	0.00	-0.01	-0.11
Laos	0.96	0.97	0.97	0.97	3.11	3.17	3.19	3.19	1.88	1.93	1.95	1.95	0.00	0.00	0.03	1.30
Malaysia	0.69	0.69	0.70	0.70	4.02	4.01	4.03	4.03	1.80	1.80	1.82	1.82	0.00	0.00	0.02	1.11
South America																
Brazil	2.30	2.01	1.95	2.00	5.42	5.28	6.10	6.00	8.47	7.21	8.07	8.16	0.09	1.14	0.95	13.18
Peru	0.38	0.40	0.40	0.40	7.60	7.91	7.90	7.97	2.00	2.16	2.18	2.20	0.02	0.92	0.04	2.04
Africa																
Egypt	0.65	0.65	0.75	0.75	10.10	8.92	8.80	8.80	4.53	4.00	4.55	4.55	0.00	0.00	0.55	13.85
Madagascar	1.50	1.45	1.48	1.48	2.65	2.57	2.59	2.59	2.55	2.38	2.44	2.44	0.00	0.00	0.06	2.52
Nigeria	2.70	2.50	2.50	2.50	1.67	1.72	1.71	1.71	2.84	2.71	2.70	2.70	0.00	0.00	-0.01	-0.33
European Union	0.42	0.43	0.44	0.44	6.72	6.86	6.73	6.73	1.95	2.05	2.05	2.05	0.00	0.00	0.00	0.00
Iran	0.60	0.63	0.65	0.65	4.33	4.32	4.31	4.31	1.72	1.78	1.85	1.85	0.00	0.00	0.07	3.70
Others	10.36	10.93	11.30	11.31	3.07	2.99	2.99	3.00	20.97	21.48	22.31	22.33	0.02	0.10	0.85	3.95

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.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World Total	--	--	--	--	--	--	--	--	536.66	521.26	558.03	563.42	5.39	0.97	42.16	8.09
Total Foreign	--	--	--	--	--	--	--	--	420.63	405.38	430.72	436.11	5.39	1.25	30.73	7.58
Oilseed, Copra	--	--	--	--	--	--	--	--	5.43	5.31	5.51	5.41	-0.10	-1.82	0.10	1.81
Oilseed, Palm Kernel	--	--	--	--	--	--	--	--	16.58	15.96	17.09	17.02	-0.07	-0.43	1.06	6.65
Major OilSeeds	234.30	231.96	233.66	234.21	2.20	2.16	2.29	2.31	514.65	500.00	535.43	541.00	5.57	1.04	41.00	8.20
United States	38.98	38.40	39.27	39.27	2.98	3.02	3.24	3.24	116.03	115.88	127.31	127.31	0.00	0.00	11.43	9.86
Foreign Oilseeds	195.32	193.57	194.39	194.94	2.04	1.98	2.10	2.12	398.62	384.12	408.12	413.69	5.57	1.36	29.57	7.70
South America	61.20	61.91	62.47	63.13	2.96	2.82	2.97	3.02	181.04	174.50	185.65	190.65	5.00	2.69	16.15	9.26
Brazil	33.38	34.43	35.00	35.10	3.00	2.87	3.16	3.24	100.02	98.91	110.72	113.69	2.97	2.68	14.78	14.94
Argentina	21.66	21.50	21.35	21.55	3.06	2.83	2.82	2.82	66.24	60.78	60.28	60.78	0.50	0.83	0.00	0.00
Paraguay	3.34	3.41	3.57	3.73	2.47	2.75	2.61	2.74	8.25	9.39	9.31	10.24	0.93	9.99	0.85	9.03
Bolivia	1.28	1.21	1.23	1.23	2.30	2.25	1.77	1.77	2.95	2.72	2.17	2.17	0.00	0.00	-0.54	-20.04
Uruguay	1.36	1.18	1.14	1.34	2.31	1.92	2.42	2.50	3.15	2.27	2.77	3.37	0.60	21.69	1.10	48.61
China	24.34	22.74	22.74	22.74	2.37	2.39	2.41	2.41	57.66	54.45	54.71	54.71	0.00	0.00	0.26	0.47
South Asia	38.62	37.92	37.71	37.35	0.96	0.86	1.07	1.08	36.94	32.76	40.51	40.51	-0.01	-0.01	7.75	23.66
India	34.89	34.42	34.55	34.30	0.90	0.84	1.05	1.07	31.55	29.04	36.38	36.53	0.15	0.41	7.49	25.79
Pakistan	3.46	3.22	2.88	2.77	1.48	1.07	1.34	1.34	5.12	3.45	3.87	3.71	-0.16	-4.01	0.26	7.53
European Union	11.96	11.85	11.81	11.82	3.00	2.75	2.65	2.65	35.89	32.54	31.28	31.29	0.01	0.04	-1.25	-3.85
Former Soviet Union - 12	21.25	21.25	22.00	22.22	1.55	1.62	1.72	1.72	32.92	34.31	37.78	38.14	0.36	0.94	3.83	11.15
Russia	9.34	9.43	9.97	10.20	1.29	1.37	1.47	1.47	12.06	12.88	14.63	14.99	0.36	2.44	2.11	16.37
Ukraine	7.98	8.31	8.50	8.50	2.04	2.11	2.26	2.26	16.30	17.58	19.18	19.18	0.00	0.00	1.61	9.15
Uzbekistan	1.29	1.29	1.18	1.18	1.19	1.16	1.18	1.18	1.53	1.49	1.39	1.39	0.00	0.00	-0.10	-6.64
Canada	10.61	10.56	10.26	10.26	2.12	2.35	2.44	2.44	22.51	24.82	25.00	25.00	0.00	0.00	0.18	0.73
Africa	17.91	18.44	18.19	18.19	0.91	0.89	0.90	0.91	16.27	16.36	16.38	16.61	0.23	1.39	0.25	1.50
Nigeria	3.70	3.44	3.44	3.44	1.13	1.10	1.10	1.10	4.18	3.78	3.78	3.78	0.00	0.00	0.00	0.00
South Africa	1.34	1.25	1.30	1.29	1.37	1.23	1.55	1.71	1.83	1.54	2.01	2.21	0.20	9.84	0.67	43.32
Tanzania	1.24	1.24	1.14	1.14	0.75	0.74	0.78	0.78	0.94	0.92	0.89	0.89	0.00	0.00	-0.03	-3.27
Southeast Asia	3.40	3.34	3.33	3.32	1.41	1.41	1.41	1.41	4.81	4.70	4.70	4.69	0.00	-0.09	0.00	-0.06
Indonesia	1.09	1.06	1.04	1.03	1.65	1.62	1.62	1.64	1.79	1.71	1.69	1.69	-0.01	-0.30	-0.03	-1.46
Burma	1.92	1.87	1.88	1.88	1.19	1.18	1.18	1.18	2.29	2.22	2.22	2.22	0.00	0.00	0.01	0.23
Australia	3.15	2.73	2.92	2.95	1.36	1.44	1.92	1.89	4.29	3.91	5.60	5.56	-0.04	-0.71	1.65	42.13
Turkey	1.07	1.02	1.10	1.10	2.42	2.24	2.43	2.43	2.59	2.28	2.68	2.68	0.00	0.00	0.40	17.32
Others	1.80	1.83	1.88	1.87	2.06	1.91	2.04	2.06	3.71	3.49	3.84	3.86	0.02	0.44	0.37	10.70

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			
	2014/15	Prel. 2015/16	2016/17 Proj.		2014/15	Prel. 2015/16	2016/17 Proj.		2014/15	Prel. 2015/16	2016/17 Proj.		From last month		From last year	
			Mar	Apr			Mar	Apr			Mar	Apr	MMT	Percent	MMT	Percent
World	118.26	120.04	121.20	121.90	2.70	2.61	2.81	2.84	319.60	313.02	340.79	345.97	5.18	1.52	32.94	10.52
United States	33.42	33.08	33.48	33.48	3.20	3.23	3.50	3.50	106.88	106.86	117.21	117.21	0.00	0.00	10.35	9.69
Total Foreign	84.84	86.97	87.71	88.42	2.51	2.37	2.55	2.59	212.72	206.17	223.58	228.76	5.18	2.32	22.59	10.96
South America																
Brazil	32.10	33.30	33.90	34.00	3.03	2.90	3.19	3.26	97.20	96.50	108.00	111.00	3.00	2.78	14.50	15.03
Argentina	19.34	19.53	19.00	19.20	3.17	2.91	2.92	2.92	61.40	56.80	55.50	56.00	0.50	0.90	-0.80	-1.41
Paraguay	3.26	3.27	3.46	3.62	2.50	2.82	2.65	2.79	8.15	9.22	9.17	10.10	0.93	10.14	0.88	9.54
Bolivia	1.08	0.99	1.13	1.13	2.45	2.39	1.86	1.86	2.65	2.37	2.11	2.11	0.00	0.00	-0.26	-11.10
Uruguay	1.33	1.14	1.10	1.30	2.33	1.94	2.45	2.54	3.11	2.21	2.70	3.30	0.60	22.22	1.09	49.46
East Asia																
China	6.80	6.51	7.20	7.20	1.79	1.81	1.79	1.79	12.15	11.79	12.90	12.90	0.00	0.00	1.12	9.46
Korea, South	0.08	0.06	0.07	0.07	1.85	1.82	1.76	1.76	0.14	0.10	0.12	0.12	0.00	0.00	0.02	15.38
Korea, North	0.14	0.16	0.15	0.15	1.12	1.39	1.33	1.33	0.16	0.22	0.20	0.20	0.00	0.00	-0.02	-9.09
Japan	0.13	0.14	0.14	0.15	1.71	1.70	1.71	1.57	0.23	0.24	0.24	0.24	0.00	-1.67	-0.01	-2.48
India	10.91	11.60	11.40	11.40	0.80	0.61	1.01	1.01	8.71	7.13	11.50	11.50	0.00	0.00	4.38	61.40
Canada	2.24	2.20	2.18	2.18	2.71	2.90	2.96	2.96	6.05	6.37	6.45	6.45	0.00	0.00	0.08	1.24
Former Soviet Union - 12																
Russia	1.91	2.08	2.09	2.12	1.24	1.30	1.48	1.48	2.36	2.71	3.10	3.13	0.04	1.13	0.43	15.77
Ukraine	1.80	2.14	1.85	1.85	2.17	1.84	2.31	2.31	3.90	3.93	4.28	4.28	0.00	0.00	0.35	8.85
European Union	0.57	0.85	0.89	0.89	3.21	2.66	2.67	2.67	1.83	2.26	2.39	2.39	0.00	0.00	0.13	5.72
Southeast Asia																
Indonesia	0.45	0.44	0.43	0.43	1.40	1.32	1.31	1.31	0.63	0.58	0.57	0.57	0.00	0.00	-0.02	-2.59
Vietnam	0.10	0.11	0.12	0.12	1.46	1.46	1.43	1.43	0.15	0.16	0.17	0.17	0.00	0.00	0.00	2.48
Thailand	0.04	0.03	0.03	0.03	1.61	1.76	1.70	1.78	0.06	0.06	0.06	0.06	0.00	1.79	0.00	-1.72
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
Mexico	0.18	0.25	0.28	0.28	1.88	1.33	1.75	1.82	0.35	0.33	0.49	0.51	0.02	4.08	0.18	54.55
Iran	0.08	0.08	0.08	0.08	2.44	2.44	2.44	2.44	0.19	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Africa																
South Africa	0.69	0.50	0.57	0.58	1.54	1.48	1.89	2.03	1.06	0.74	1.07	1.17	0.10	8.88	0.42	57.01
Nigeria	0.72	0.70	0.70	0.70	0.94	0.96	0.96	0.96	0.68	0.68	0.68	0.68	0.00	0.00	0.00	0.00
Zambia	0.11	0.11	0.14	0.14	1.88	2.02	1.94	1.94	0.21	0.23	0.27	0.27	0.00	0.00	0.04	18.58
Uganda	0.16	0.16	0.16	0.16	1.19	1.19	1.19	1.19	0.19	0.19	0.19	0.19	0.00	0.00	0.00	0.00
Middle East																
Iran	0.08	0.08	0.08	0.08	2.44	2.44	2.44	2.44	0.19	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Turkey	0.04	0.03	0.03	0.03	3.86	3.70	3.33	3.33	0.14	0.10	0.10	0.10	0.00	0.00	0.00	0.00
Others	0.35	0.37	0.38	0.38	1.90	1.93	2.09	2.09	0.67	0.72	0.80	0.80	0.00	0.00	0.09	11.89

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			
	2014/15	Prel. 2015/16	2016/17 Proj.		2014/15	Prel. 2015/16	2016/17 Proj.		2014/15	Prel. 2015/16	2016/17 Proj.		From last month		From last year	
			Mar	Apr			Mar	Apr			Mar	Apr	MMT	Percent	MMT	Percent
World	33.24	29.66	28.68	28.47	1.34	1.21	1.36	1.37	44.39	35.94	38.90	38.88	-0.02	-0.05	2.94	8.18
United States	3.78	3.27	3.85	3.85	1.23	1.12	1.28	1.28	4.65	3.67	4.92	4.92	0.00	0.00	1.25	34.00
Total Foreign	29.45	26.39	24.82	24.62	1.35	1.22	1.37	1.38	39.74	32.27	33.99	33.97	-0.02	-0.05	1.69	5.25
South Asia																
India	12.85	11.90	10.75	10.50	0.97	0.94	1.07	1.09	12.53	11.21	11.46	11.46	0.00	0.00	0.26	2.28
Pakistan	2.95	2.80	2.40	2.40	1.56	1.09	1.40	1.40	4.62	3.05	3.35	3.35	0.00	0.00	0.30	9.84
China	4.40	3.05	2.85	2.85	2.67	2.82	3.09	3.09	11.76	8.60	8.80	8.80	0.00	0.00	0.20	2.33
Former Soviet Union - 12																
Uzbekistan	1.29	1.29	1.18	1.18	1.19	1.16	1.18	1.18	1.53	1.49	1.39	1.39	0.00	0.00	-0.10	-6.64
Turkmenistan	0.55	0.50	0.55	0.55	1.10	1.14	0.95	0.95	0.60	0.57	0.52	0.52	0.00	0.00	-0.05	-8.96
Tajikistan	0.18	0.15	0.17	0.17	1.10	1.08	0.93	0.93	0.19	0.16	0.15	0.15	0.00	0.00	-0.01	-5.56
Kazakhstan	0.13	0.10	0.11	0.11	0.73	0.80	1.02	1.02	0.09	0.08	0.11	0.11	0.00	0.00	0.03	41.77
South America																
Brazil	1.02	0.96	0.93	0.93	2.31	2.03	2.39	2.36	2.36	1.94	2.22	2.19	-0.03	-1.31	0.25	12.94
Argentina	0.48	0.38	0.30	0.30	0.81	0.75	0.75	0.75	0.39	0.28	0.23	0.23	0.00	0.00	-0.06	-19.64
Middle East																
Turkey	0.43	0.37	0.40	0.40	2.44	2.35	2.63	2.63	1.05	0.87	1.05	1.05	0.00	0.00	0.18	20.69
Syria	0.06	0.04	0.05	0.04	1.62	1.60	1.78	2.00	0.10	0.06	0.08	0.08	0.00	0.00	0.02	25.00
Iran	0.11	0.10	0.11	0.10	0.87	0.98	0.89	0.98	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
Australia	0.21	0.31	0.55	0.58	3.24	2.82	2.55	2.34	0.66	0.88	1.40	1.36	-0.04	-2.86	0.48	54.37
European Union	0.36	0.31	0.26	0.27	1.44	1.33	1.49	1.48	0.51	0.41	0.39	0.41	0.01	3.32	-0.01	-1.70
Africa																
Burkina	0.66	0.66	0.70	0.70	0.57	0.46	0.51	0.51	0.37	0.30	0.36	0.36	0.00	0.00	0.06	18.09
Mali	0.54	0.55	0.67	0.66	0.54	0.51	0.51	0.54	0.29	0.28	0.34	0.35	0.01	3.24	0.08	27.17
Cameroon	0.23	0.22	0.23	0.23	1.15	1.17	1.04	1.04	0.27	0.26	0.24	0.24	0.00	0.00	-0.02	-8.56
Cote d'Ivoire	0.42	0.40	0.35	0.35	0.55	0.40	0.51	0.51	0.23	0.16	0.18	0.18	0.00	0.00	0.02	12.03
Benin	0.40	0.41	0.42	0.42	0.60	0.41	0.55	0.55	0.24	0.17	0.23	0.23	0.00	0.00	0.06	38.18
Tanzania	0.40	0.40	0.30	0.30	0.34	0.30	0.29	0.29	0.14	0.12	0.09	0.09	0.00	0.00	-0.03	-25.42
Egypt	0.16	0.10	0.06	0.06	1.02	0.98	0.96	0.96	0.16	0.10	0.05	0.05	0.00	0.00	-0.05	-45.92
Nigeria	0.22	0.24	0.24	0.24	0.40	0.45	0.45	0.45	0.09	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Uganda	0.06	0.07	0.07	0.07	1.13	1.23	1.22	1.22	0.07	0.08	0.08	0.08	0.00	0.00	0.00	-1.25
Zimbabwe	0.20	0.10	0.18	0.20	0.36	0.21	0.33	0.38	0.07	0.02	0.06	0.08	0.02	33.33	0.06	261.90
Sudan	0.09	0.05	0.05	0.05	1.20	1.34	1.34	1.34	0.11	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Mexico	0.18	0.13	0.10	0.10	2.55	2.37	2.46	2.46	0.46	0.31	0.25	0.25	0.00	0.00	-0.06	-20.13
Burma	0.30	0.24	0.24	0.24	1.24	1.21	1.23	1.23	0.37	0.29	0.30	0.30	0.00	0.00	0.01	1.72
Others	0.61	0.59	0.64	0.65	0.65	0.54	0.63	0.63	0.40	0.32	0.40	0.41	0.01	1.99	0.09	27.73

World and Selected Countries and Regions

Table 13 Peanut Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	24.00	24.70	25.46	25.45	1.66	1.63	1.66	1.66	39.83	40.32	42.29	42.28	-0.01	-0.02	1.96	4.85
United States	0.54	0.63	0.63	0.63	4.40	4.31	4.12	4.12	2.35	2.72	2.58	2.58	0.00	0.00	-0.14	-5.25
Total Foreign	23.47	24.07	24.83	24.82	1.60	1.56	1.60	1.60	37.47	37.60	39.71	39.70	-0.01	-0.03	2.10	5.58
China	4.60	4.62	4.75	4.75	3.58	3.56	3.58	3.58	16.48	16.44	17.00	17.00	0.00	0.00	0.56	3.41
Africa																
Nigeria	2.77	2.50	2.50	2.50	1.23	1.20	1.20	1.20	3.41	3.00	3.00	3.00	0.00	0.00	0.00	0.00
Sudan	1.25	2.18	1.80	1.80	0.77	0.86	0.78	0.78	0.96	1.87	1.40	1.40	0.00	0.00	-0.47	-25.17
Senegal	0.88	1.14	1.10	1.10	0.76	0.94	0.91	0.91	0.67	1.07	1.00	1.00	0.00	0.00	-0.07	-6.28
Cameroon	0.47	0.40	0.40	0.40	1.36	1.38	1.38	1.38	0.64	0.55	0.55	0.55	0.00	0.00	0.00	0.00
Ghana	0.33	0.40	0.40	0.40	1.28	1.10	1.10	1.10	0.43	0.44	0.44	0.44	0.00	0.00	0.00	0.00
Chad	0.50	0.50	0.50	0.50	0.80	0.80	0.80	0.80	0.40	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Malawi	0.35	0.37	0.37	0.37	1.02	0.79	0.71	0.71	0.35	0.29	0.26	0.26	0.00	0.00	-0.03	-10.34
Congo (Kinshasa)	0.48	0.48	0.48	0.48	0.78	0.78	0.78	0.78	0.37	0.37	0.37	0.37	0.00	0.00	0.00	0.00
Niger	0.78	0.74	0.74	0.74	0.52	0.47	0.47	0.47	0.40	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Mali	0.38	0.38	0.38	0.38	0.87	0.87	0.87	0.87	0.33	0.33	0.33	0.33	0.00	0.00	0.00	0.00
Uganda	0.42	0.43	0.43	0.43	0.70	0.71	0.71	0.71	0.30	0.30	0.30	0.30	0.00	0.00	0.00	0.00
Burkina	0.38	0.45	0.45	0.45	0.89	0.78	0.78	0.78	0.34	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Guinea	0.21	0.21	0.21	0.21	1.24	1.24	1.24	1.24	0.26	0.26	0.26	0.26	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	0.06	0.02	0.06	0.06	1.29	1.09	2.18	2.09	0.08	0.03	0.12	0.12	-0.01	-4.17	0.09	360.00
Mozambique	0.42	0.29	0.29	0.29	0.34	0.38	0.38	0.38	0.14	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.08	0.08	0.08	0.08	1.51	1.13	1.13	1.13	0.12	0.09	0.09	0.09	0.00	0.00	0.00	0.00
Benin	0.16	0.16	0.15	0.15	0.92	0.94	0.93	0.93	0.15	0.15	0.14	0.14	0.00	0.00	-0.01	-3.45
South Asia																
India	4.74	4.56	5.50	5.50	1.02	0.98	1.15	1.15	4.86	4.47	6.30	6.30	0.00	0.00	1.83	40.94
Pakistan	0.10	0.11	0.09	0.09	0.89	0.90	0.94	0.94	0.09	0.10	0.09	0.09	0.00	0.00	-0.01	-10.53
Southeast Asia																
Indonesia	0.63	0.62	0.61	0.60	1.83	1.84	1.84	1.87	1.15	1.13	1.13	1.12	-0.01	-0.44	-0.01	-0.88
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	0.21	0.22	0.22	2.26	2.27	2.28	2.28	0.45	0.48	0.49	0.49	0.00	0.00	0.01	2.73
Thailand	0.03	0.02	0.02	0.02	1.64	1.63	1.67	1.67	0.05	0.04	0.04	0.04	0.00	0.00	0.00	2.56
South America																
Argentina	0.34	0.29	0.37	0.37	3.48	3.21	3.24	3.24	1.19	0.93	1.20	1.20	0.00	0.00	0.27	29.03
Brazil	0.11	0.12	0.12	0.12	3.15	3.38	3.46	3.46	0.35	0.41	0.43	0.43	0.00	0.00	0.02	4.68
Mexico	0.06	0.07	0.07	0.07	1.62	1.60	1.60	1.60	0.10	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Others	1.70	1.71	1.72	1.72	1.00	1.07	1.01	1.01	1.71	1.83	1.74	1.74	0.00	0.00	-0.09	-4.97

World and Selected Countries and Regions

Table 14 Sunflowerseed Area, Yield, and Production

Country / Region	Area (Million hectares)				Yield (Metric tons per hectare)				Production (Million metric tons)				Change in Production			
	Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	23.28	23.44	24.73	24.84	1.69	1.73	1.82	1.83	39.40	40.47	45.04	45.36	0.32	0.70	4.89	12.08
United States	0.61	0.73	0.62	0.62	1.65	1.82	1.94	1.94	1.01	1.33	1.20	1.20	0.00	0.00	-0.12	-9.20
Total Foreign	22.67	22.71	24.11	24.22	1.69	1.72	1.82	1.82	38.39	39.14	43.84	44.16	0.32	0.72	5.01	12.80
Former Soviet Union - 12																
Russia	6.37	6.45	6.96	7.18	1.31	1.42	1.51	1.51	8.37	9.17	10.54	10.86	0.32	3.06	1.69	18.37
Ukraine	5.30	5.50	6.20	6.20	1.92	2.16	2.22	2.22	10.20	11.90	13.75	13.75	0.00	0.00	1.85	15.55
Kazakhstan	0.77	0.70	0.81	0.81	0.67	0.76	0.94	0.94	0.51	0.53	0.76	0.76	0.00	0.00	0.22	41.39
European Union	4.29	4.18	4.20	4.20	2.09	1.84	2.00	2.00	8.97	7.68	8.40	8.40	0.00	0.00	0.72	9.39
South America																
Argentina	1.44	1.27	1.65	1.65	2.19	2.13	2.00	2.00	3.16	2.70	3.30	3.30	0.00	0.00	0.60	22.22
Uruguay	0.03	0.04	0.04	0.04	1.47	1.50	1.50	1.50	0.04	0.06	0.07	0.07	0.00	0.00	0.01	15.79
Bolivia	0.20	0.22	0.10	0.10	1.50	1.60	0.67	0.67	0.30	0.35	0.06	0.06	0.00	0.00	-0.28	-81.45
Brazil	0.15	0.05	0.05	0.05	0.73	1.24	1.40	1.40	0.11	0.06	0.07	0.07	0.00	0.00	0.01	12.90
Paraguay	0.03	0.05	0.03	0.03	1.57	1.64	1.60	1.60	0.05	0.07	0.05	0.05	0.00	0.00	-0.03	-35.14
China	0.95	1.04	0.94	0.94	2.63	2.60	2.67	2.67	2.49	2.70	2.51	2.51	0.00	0.00	-0.19	-6.97
South Asia																
India	0.58	0.55	0.40	0.40	0.66	0.58	0.80	0.80	0.38	0.32	0.32	0.32	0.00	0.00	0.00	0.00
Pakistan	0.16	0.09	0.14	0.07	1.25	1.06	1.29	1.07	0.20	0.09	0.18	0.08	-0.11	-58.33	-0.02	-16.67
Middle East																
Turkey	0.53	0.55	0.60	0.60	2.26	2.00	2.20	2.20	1.20	1.10	1.32	1.32	0.00	0.00	0.22	20.00
Iran	0.07	0.07	0.07	0.07	1.29	1.29	1.29	1.29	0.09	0.09	0.09	0.09	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	2.43	2.43	2.43	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	0.58	0.72	0.67	0.64	1.15	1.05	1.19	1.41	0.66	0.76	0.80	0.90	0.10	12.50	0.15	19.21
Burma	0.59	0.60	0.60	0.60	0.64	0.65	0.65	0.65	0.38	0.39	0.39	0.39	0.00	0.00	0.00	0.00
Canada	0.03	0.04	0.03	0.03	1.90	1.92	1.82	1.82	0.06	0.07	0.05	0.05	0.00	0.00	-0.02	-30.14
Australia	0.03	0.02	0.03	0.03	1.20	1.09	1.14	1.14	0.03	0.03	0.03	0.03	0.00	0.00	0.01	32.00
Others	0.54	0.55	0.55	0.55	2.07	1.85	1.98	1.98	1.12	1.02	1.10	1.10	0.00	0.00	0.08	7.46

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.		2016/17 Proj.		Prel.		2016/17 Proj.		Prel.		2016/17 Proj.		From last month		From last year	
	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	2014/15	2015/16	Mar	Apr	MMT	Percent	MMT	Percent
World	35.52	34.12	33.60	33.55	2.01	2.06	2.04	2.04	71.44	70.24	68.41	68.52	0.10	0.15	-1.73	-2.46
United States	0.63	0.69	0.69	0.69	1.81	1.88	2.05	2.05	1.14	1.31	1.40	1.40	0.00	0.00	0.10	7.50
Total Foreign	34.88	33.43	32.92	32.87	2.02	2.06	2.04	2.04	70.30	68.94	67.01	67.11	0.10	0.15	-1.82	-2.65
European Union	6.75	6.51	6.45	6.45	3.64	3.41	3.12	3.12	24.58	22.20	20.10	20.10	0.00	0.00	-2.10	-9.44
Canada	8.34	8.32	8.05	8.05	1.97	2.21	2.30	2.30	16.41	18.38	18.50	18.50	0.00	0.00	0.12	0.67
China	7.59	7.53	7.00	7.00	1.95	1.98	1.93	1.93	14.77	14.93	13.50	13.50	0.00	0.00	-1.43	-9.58
South Asia																
India	5.80	5.81	6.50	6.50	0.88	1.02	1.05	1.07	5.08	5.92	6.80	6.95	0.15	2.21	1.03	17.40
Pakistan	0.25	0.23	0.25	0.21	0.88	0.96	1.00	0.95	0.22	0.22	0.25	0.20	-0.05	-20.00	-0.02	-6.98
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	1.06	0.90	0.92	0.91	1.25	1.12	1.09	1.10	1.32	1.00	1.00	1.00	0.00	0.00	0.00	-0.40
Ukraine	0.88	0.68	0.45	0.45	2.50	2.58	2.56	2.56	2.20	1.74	1.15	1.15	0.00	0.00	-0.59	-33.83
Belarus	0.40	0.17	0.17	0.17	1.82	1.82	1.82	1.82	0.73	0.30	0.30	0.30	0.00	0.00	0.00	0.00
Kazakhstan	0.24	0.22	0.16	0.16	0.99	0.62	1.06	1.06	0.24	0.14	0.17	0.17	0.00	0.00	0.03	23.19
Australia	2.90	2.36	2.30	2.30	1.22	1.25	1.78	1.78	3.54	2.94	4.10	4.10	0.00	0.00	1.16	39.27
South America																
Chile	0.05	0.05	0.05	0.05	4.10	4.00	4.00	4.00	0.20	0.21	0.18	0.18	0.00	0.00	-0.03	-15.09
Paraguay	0.03	0.09	0.07	0.07	1.28	1.00	1.20	1.20	0.04	0.09	0.08	0.08	0.00	0.00	-0.01	-6.67
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	0.03	0.05	0.05	0.05	1.80	1.56	1.56	1.56	0.05	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Others	0.29	0.24	0.24	0.24	2.10	2.08	2.09	2.10	0.61	0.50	0.51	0.51	0.00	0.20	0.01	1.60

World and Selected Countries and Regions

Table 16 Copra, Palm Kernel, and Palm Oil Production

Country / Region	Production (Million metric tons)				Change in Production			
	2014/15	Prel.	2016/17 Proj.		From last month		From last year	
		2015/16	Mar	Apr	MMT	Percent	MMT	Percent
Oilseed, Copra								
Philippines	2.23	2.10	2.30	2.20	-0.10	-4.35	0.10	4.76
Indonesia	1.60	1.59	1.58	1.58	0.00	0.00	-0.01	-0.63
India	0.71	0.72	0.72	0.72	0.00	0.00	0.00	0.00
Vietnam	0.24	0.25	0.26	0.26	0.00	0.00	0.01	4.00
Mexico	0.21	0.21	0.21	0.21	0.00	0.00	0.00	0.00
Papua New Guinea	0.10	0.09	0.10	0.10	0.00	0.00	0.01	11.11
Thailand	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Sri Lanka	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Solomon Islands	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
World	5.43	5.31	5.51	5.41	-0.10	-1.81	0.10	1.88
Oilseed, Palm Kernel								
Indonesia	8.70	8.50	9.20	9.00	-0.20	-2.17	0.50	5.88
Malaysia	5.05	4.50	5.00	5.00	0.00	0.00	0.50	11.11
Nigeria	0.73	0.73	0.73	0.73	0.00	0.00	0.00	0.00
Thailand	0.63	0.68	0.67	0.74	0.07	10.45	0.06	8.82
Colombia	0.24	0.27	0.25	0.25	0.00	0.00	-0.02	-7.41
Papua New Guinea	0.15	0.15	0.13	0.13	0.00	0.00	-0.02	-13.33
Guatemala	0.11	0.13	0.10	0.15	0.05	50.00	0.03	25.00
Honduras	0.11	0.12	0.12	0.12	0.00	0.00	0.00	0.00
Cameroon	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Ghana	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00
World	16.58	15.96	17.09	17.02	-0.07	-0.41	1.06	6.64
Oil, Palm								
Indonesia	33.00	32.00	35.00	34.00	-1.00	-2.86	2.00	6.25
Malaysia	19.88	17.70	19.50	19.50	0.00	0.00	1.80	10.17
Thailand	2.07	1.80	2.30	2.00	-0.30	-13.04	0.20	11.11
Colombia	1.11	1.28	1.14	1.14	0.00	0.00	-0.13	-10.24
Nigeria	0.97	0.97	0.97	0.97	0.00	0.00	0.00	0.00
Guatemala	0.51	0.63	0.52	0.74	0.22	42.31	0.12	19.35
Papua New Guinea	0.52	0.58	0.52	0.52	0.00	0.00	-0.06	-10.34
Ecuador	0.48	0.52	0.56	0.56	0.00	0.00	0.04	7.69
Ghana	0.50	0.50	0.52	0.52	0.00	0.00	0.02	4.00
Honduras	0.47	0.49	0.55	0.55	0.00	0.00	0.06	12.24
World	61.70	58.72	63.86	62.79	-1.07	-1.68	4.07	6.93

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			
	2014/15	Prel. 2015/16	2016/17 Proj.		2014/15	Prel. 2015/16	2016/17 Proj.		2014/15	Prel. 2015/16	2016/17 Proj.		From last month		From last year	
			Mar	Apr			Mar	Apr			Mar	Apr	MBales	Percent	MBales	Percent
World	34.21	30.50	29.22	29.33	758	690	788	789	119.19	96.71	105.72	106.30	0.59	0.55	9.59	9.92
United States	3.78	3.27	3.85	3.85	939	859	974	974	16.32	12.89	17.23	17.23	0.00	0.00	4.34	33.69
Total Foreign	30.43	27.23	25.37	25.48	736	670	759	761	102.87	83.83	88.49	89.07	0.59	0.66	5.25	6.26
South Asia																
India	12.85	11.90	10.50	10.50	500	483	560	560	29.50	26.40	27.00	27.00	0.00	0.00	0.60	2.27
Pakistan	2.95	2.80	2.40	2.40	782	544	699	699	10.60	7.00	7.70	7.70	0.00	0.00	0.70	10.00
China	4.40	3.05	2.85	2.90	1,484	1,570	1,719	1,708	30.00	22.00	22.50	22.75	0.25	1.11	0.75	3.41
South America																
Brazil	1.02	0.96	0.93	0.93	1,494	1,345	1,522	1,569	7.00	5.90	6.50	6.70	0.20	3.08	0.80	13.56
Argentina	0.48	0.38	0.30	0.30	499	479	508	508	1.10	0.83	0.70	0.70	0.00	0.00	-0.13	-15.15
Paraguay	0.02	0.01	0.01	0.01	435	419	416	416	0.03	0.03	0.02	0.02	0.00	0.00	0.00	-16.00
Africa																
Burkina	0.66	0.66	0.70	0.70	445	363	404	404	1.35	1.10	1.30	1.30	0.00	0.00	0.20	18.18
Mali	0.54	0.55	0.67	0.66	419	390	390	412	1.04	0.98	1.20	1.24	0.04	3.33	0.27	27.18
Cote d'Ivoire	0.42	0.40	0.35	0.35	449	321	411	411	0.86	0.59	0.66	0.66	0.00	0.00	0.07	11.86
Benin	0.40	0.41	0.42	0.42	395	269	362	362	0.73	0.50	0.69	0.69	0.00	0.00	0.19	38.00
Egypt	0.16	0.10	0.06	0.06	728	697	693	693	0.53	0.32	0.18	0.18	0.00	0.00	-0.15	-45.31
Cameroon	0.23	0.22	0.23	0.23	502	510	455	455	0.53	0.52	0.47	0.47	0.00	0.00	-0.05	-8.74
Tanzania	0.40	0.40	0.30	0.30	169	147	145	145	0.31	0.27	0.20	0.20	0.00	0.00	-0.07	-25.93
Nigeria	0.22	0.24	0.24	0.24	203	227	227	227	0.20	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Zimbabwe	0.20	0.10	0.18	0.20	212	120	187	218	0.20	0.06	0.15	0.20	0.05	33.33	0.15	263.64
Ethiopia	0.10	0.07	0.08	0.08	409	586	544	544	0.18	0.18	0.20	0.20	0.00	0.00	0.03	14.29
Former Soviet Union - 12																
Uzbekistan	1.29	1.29	1.18	1.18	661	644	655	669	3.90	3.80	3.55	3.63	0.08	2.11	-0.18	-4.61
Turkmenistan	0.55	0.50	0.55	0.55	609	631	529	529	1.53	1.45	1.33	1.33	0.00	0.00	-0.13	-8.62
Tajikistan	0.18	0.15	0.17	0.17	611	599	515	515	0.49	0.41	0.39	0.39	0.00	0.00	-0.02	-5.57
Kazakhstan	0.13	0.10	0.11	0.11	408	440	564	564	0.24	0.20	0.29	0.29	0.00	0.00	0.09	42.50
Middle East																
Turkey	0.43	0.37	0.40	0.40	1,620	1,559	1,742	1,742	3.20	2.65	3.20	3.20	0.00	0.00	0.55	20.75
Syria	0.06	0.04	0.04	0.04	1,089	1,034	1,089	1,089	0.30	0.19	0.20	0.20	0.00	0.00	0.01	5.26
Iran	0.11	0.10	0.10	0.10	594	599	653	653	0.30	0.28	0.30	0.30	0.00	0.00	0.03	9.09
Australia	0.21	0.31	0.55	0.58	2,443	1,989	1,781	1,652	2.30	2.85	4.50	4.40	-0.10	-2.22	1.55	54.39
Mexico	0.18	0.13	0.10	0.10	1,578	1,521	1,579	1,579	1.32	0.91	0.73	0.73	0.00	0.00	-0.18	-20.15
Burma	0.30	0.24	0.24	0.24	652	656	662	662	0.90	0.72	0.73	0.73	0.00	0.00	0.01	1.39
Others	1.98	1.78	1.74	1.76	467	425	447	451	4.25	3.47	3.57	3.64	0.07	1.96	0.17	4.87

World and Selected Countries and Regions

TABLE 18

The table below presents a record of the differences between the *April* projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 0.5 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 0.8 percent. The average difference between the April projection and the final estimate is 2 million tons, ranging from 0.1 million to 6.8 million tons. The April projection has been below the estimate 23 times and above 12 times.

RELIABILITY OF PRODUCTION PROJECTIONS 1/

COMMODITY AND REGION	Root mean square error	90 percent confidence interval	Difference between forecast and final estimate				
			Average	Smallest	Largest	Years	
						Below final	Above final
<i>WHEAT</i> World U.S. Foreign <i>COARSE GRAINS 2/</i> World U.S. Foreign <i>RICE (Milled)</i> World U.S. Foreign <i>SOYBEANS</i> World U.S. Foreign <i>COTTON</i> World U.S. Foreign UNITED STATES <i>CORN</i> <i>SORGHUM</i> <i>BARLEY</i> <i>OATS</i>	Percent		---Million metric tons---				
	0.5	0.8	2.0	1.0	6.8	23	12
	0.2	0.3	0.1	0.0	0.3	15	9
	0.6	1.0	2.0	0.2	6.8	23	12
	0.9	1.6	7.6	0.3	19.2	28	7
	0.2	0.3	0.1	0.0	1.3	15	7
	1.3	2.2	7.6	0.3	19.8	28	7
	1.3	2.2	3.3	0.2	13.3	29	6
	1.4	2.4	0.0	0.0	0.2	11	5
	1.3	2.3	3.3	0.1	13.3	29	6
	1.7	2.9	2.4	0.2	7.9	20	15
	1.4	2.3	0.6	0.0	2.5	15	13
	2.8	4.8	2.3	0.0	8.1	21	14
			---Million 480-lb. bales---				
	1.6	2.8	1.2	0.0	5.2	26	8
	0.3	0.5	0.0	0.0	0.2	16	11
	2.0	3.4	1.2	0.0	5.1	25	9
			-----Million bushels-----				
	0.2	0.3	2	0	38	1	2
	0.1	0.3	0	0	4	0	2
	0.8	1.3	1	0	11	15	4
	0.3	0.6	0	0	2	4	4

1/ Marketing years 1981/82 through 2015/16. Final for grains, soybeans and cotton is defined as the first *April* estimates following the marketing year for 1981/82 through 2014/15, and for 2015/16 last month's estimate.

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

April 2017

Office of Global Analysis, FAS, USDA