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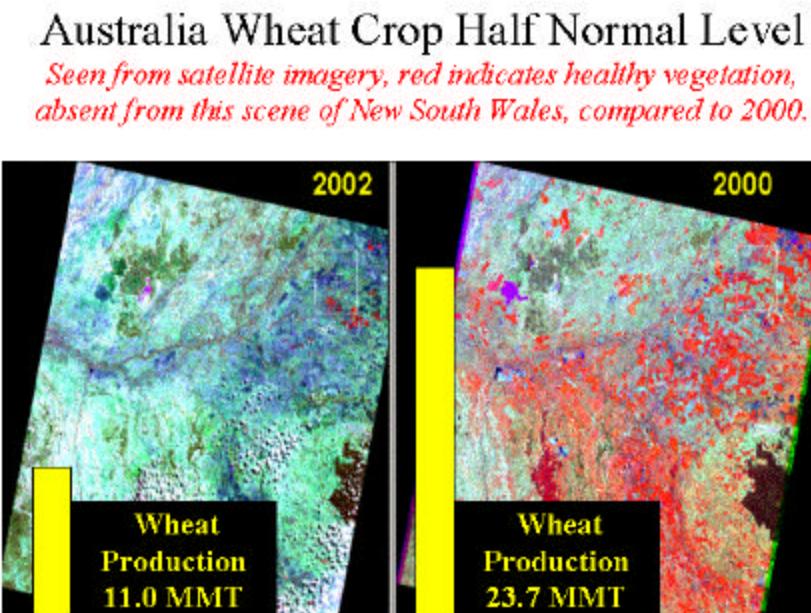
Circular Series  
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# World Agricultural Production

## Drought Drops Estimated Australian Wheat and Barley Production Further

Dry conditions have persisted in winter grain areas, resulting in abandonment and premature cutting for livestock feed. Production is revised downward due to extended dryness in Queensland especially for wheat, while dryness in New South Wales, Victoria, and South

Australia has affected both wheat and barley, negatively impacting area and yield. Wheat and barley growing areas received only 40 to 60 percent of normal precipitation for the period August 1 to October 31. Above average temperatures and high winds may shrivel grain, further reducing production weight. The 2002/03 wheat crop is forecast at 11.0 million tons, down 2.0 million or 15 percent from last



month and down 13.0 million or 54 percent from last year. Area is forecast at 10.3 million hectares, down 0.5 million or 5 percent from last month and down 2.2 million or 22 percent from last year.

The barley crop is forecast at 3.5 million tons, down 1.0 million or 22 percent from last month and down 4.0 million or 53 percent from last year. Area is forecast at 3.0 million hectares, down 0.2 million or 6 percent from last month and down 0.7 million or 19 percent from last year. This season Western Australia will produce the largest share of barley in response to relatively better conditions and improved price expectations. Typically, South Australia is the largest producer of barley accounting for 40 percent of total production. This season deteriorating conditions in eastern and southern Australia has lowered yield potential.

## Forecast South America Soybean Production at 85.2 million tons, above the United States

Current forecasts in 2002/03 for Brazil (49.0 MMT), Argentina (32.5 MMT), and Paraguay (3.7 MMT), push South American soybean production above the United States (72.2 MMT). Brazil alone now accounts for over 25 percent of world soybean production.

### Brazilian Soybean Expansion Continues As New and Existing Land Moves to Soybeans

A weak local currency, combined with strong international soybean prices, is spurring Brazilian growers to expand soybean acreage again this year at the expense of summer corn. Brazil's 2002/03 soybean crop is currently estimated at a record 49.0 million tons, up 1.0 million or 2 percent from last month, and 13 percent above last year's bumper harvest. Brazil's 2002/03 soybean area is forecast at a record 18.0 million hectares, up 0.5 million or 3 percent from last month, and up 10 percent from last year. With this new estimate, soybean acreage expands by an unprecedented 27 percent since 2000/01. Brazilian growers are also placing new land and pasture under soybean cultivation. The largest percent of area expansion will come from these lands.

Though domestic corn prices are currently at very high levels due to a drought-induced shortage, farmers appear to be intent on reducing corn acreage during the main summer season in favor of expanding soybeans. Brazil's 2002/03 corn production is estimated at 35.0 million tons, down 2.0 million or 5 percent from last month and down marginally from last year's crop, as some corn area shifts to soybeans. Harvested area is estimated at 11.8 million hectares, down 0.6 million from last month and down 2 percent from last year. Growers have already committed a record 38 percent of the 2002/03 soybean crop in forward sales, locking in healthy returns. By comparison, the domestic corn market is unstable and uncertain, with no guarantee of actual prices at harvest. Corn seed sales are also reportedly down nearly 40 percent from last year.

### Many Brazilian States Expand Soybean Area by more than 30 percent



Percent Increase: (2000-2002)



Source: IBGE Brazil

## **Less Chaotic Economic Picture in Argentina Helps Soybeans and Corn**

Argentina's economic situation has stabilized after the chaotic first half of 2002 brought on by Argentina's loan default in December 2001. The changes in export taxes, banking problems, and currency devaluation (over 70 percent) have made decision-making for farmers difficult. However, since July 2002 the currency has stabilized and prices for grains have increased. Larger returns for soybeans are expected to result in more careful management of soybeans this season than previously believed. Argentine soybean production for 2002/03 is forecast at a record 32.5 million tons, up 1.5 million tons or 5 percent from last month and up 8 percent from last year's revised output of 30.0 million. Soybean area is forecast at a record 12.3 million hectares, up 0.3 million hectares or 3 percent from last month and up 0.9 million or 8 percent from last year's revised area of 11.4 million. Yields are forecast at 2.64 tons per hectare, higher than the 5-year average of 2.44. Soybean area is expected to increase as farmers shift area from wheat and corn. The decrease in wheat area, especially in central Argentina, will lead to a decrease in second-crop soybean area as farmers opt to plant higher-yielding, first-crop soybeans instead.

Argentina's 2002/03 corn production is estimated at 13.0 million tons, up 0.5 million from last month, or 4 percent, but down 10 percent from last season's output of 14.4 million tons. Harvested area is forecast at 2.35 million hectares, up 100,000 hectares from last month but down 4 percent from last season. Yield is forecast below average at 5.53 tons per hectare. A more stable economic situation for farms has induced farmers to plant more corn this season than previously believed, however, corn area is lower than last year due to the relative price advantage and the reduced risk of planting soybeans. National corn yields are expected at 5.53 tons per hectare below average, as farmers are still expected to limit their use of some inputs.

## **Romanian Corn Harvest Higher Due to Late Precipitation**

Corn production in Romania is estimated at 7.5 million tons, up 0.5 million or 7 percent from last month and last season. Harvested area, at 2.8 million hectares, remains unchanged from last month, but is down slightly by 100,000 from last season. Although the 2002/03 estimate is considerably below the 8.6 million-ton, 5-year average, corn production is still expected to be 2.7 million tons above the record low, collected during the region-wide drought of 2000/01. During the 2002/03 season Romania experienced a damaging drought during spring and early summer. The drought accelerated plant growth but hindered development. The entrenched, adverse weather pattern finally retreated during the latter half of summer, bringing in moderate and frequent rains. While precipitation arrived too late to benefit much of the severely damaged crops in the west and in the south along the Danube, the August rain induced further development in late-planted corn. The late-arriving precipitation also aided corn development in the less drought-affected regions, where plant stage was not so advanced and the corn plant could still utilize the additional moisture.

## **Russian Wheat Harvest Surpasses Last Year's Bumper Crop**

Russia wheat production for 2002/03 is estimated at 49.5 million tons, up 0.5 million or 1 percent from last month and up 2.6 million or 6 percent from last year. Barley production is estimated at 19.0 million tons, up 0.5 million or 3 percent from last month but down 0.5 million or 3 percent from last year. Grain harvest is virtually complete, except for corn, and favorable harvest weather in the Siberian spring wheat region enabled farmers to gather a large portion of the standing crop. By the end of October, farms had gathered over 93 million tons of grain (bunker weight, prior to cleaning and drying), including nearly 53 million tons of wheat.

## **Kazakhstan Wheat Production Exceeds Last Year on Higher Area**

Kazakhstan wheat production for 2002/03 is estimated at 13.0 million tons, up 1.0 million or 8 percent from last month and up 0.3 million or 2 percent from last year. Estimated yield is down only 5 percent from last year's above-average 1.19 tons per hectare, and area increased from 10.7 million to 11.5 million hectares, boosting output to a 10-year high.

## **Mexican Sorghum Production Decreases Due to Lower Area**

Sorghum production in Mexico is forecast at 5.5 million tons, down 1.35 million or 20 percent from last month and down 1.0 million tons or 15 percent from last year. Production decreased due to lower planted area, based on recent data from the Secretariat of Agriculture, Livestock, Rural Development, Fisheries, and Foodstuffs (SAGARPA). During the 2002 spring/summer harvest, output was decreased due to a lack of rainfall during the head-filling stages and area loss covering 100,000 hectares. In addition, total planted area was lower in the fall/winter harvest production mainly affecting crops in the Bajío region.

## **China Cotton Area and Production Revised Upward on Higher Area and Record Yield**

China's 2002/03 cotton crop is estimated at 21.5 million bales (4.68 million tons), up 1.0 million or 5 percent from last month, but down 12 percent from last year's bumper crop. Cotton area for 2002/03 was revised upward this month (from 4.1 to 4.2 million hectares) based on planted area information from Chinese government sources. The estimated area is down almost 13 percent from last year, with reductions coming from nearly all cotton-growing provinces. The estimated yield of 1,115 kilograms per hectare is slightly higher than last year's record yield of 1,102 kilograms per hectare and reflects better-than-expected yields in Xinjiang Province and rising trend yields in northern China. Cotton yields in China have been increasing steadily since 1992/93 for several reasons, including the expanded use of Bt cotton on the North China Plain, improved crop management methods, reduced planting on marginal lands, and the expansion of planted area in Xinjiang Province where yields are higher than the national average.

The weather in September and October was mostly dry and generally favorable for cotton maturing and harvesting, although continued scattered showers may have delayed harvest progress in the Yangtze River valley.

## **Area Revision Boosts China's Soybean Production Estimate**

China's 2002/03 soybean crop is estimated at a record 16.4 million tons, up 0.8 million or 5 percent from last month and up 6 percent from last year. The estimated area of 9.4 million hectares is up 0.4 million from last month, but down 0.1 million or 1 percent from last year's revised estimate of 9.5 million hectares. Last spring it appeared that area would drop 2 percent despite efforts by the Ministry of Agriculture to encourage farmers to expand soybean area. Prices were very low after the 2001/02 harvest and many farmers reportedly preferred to plant corn instead of soybeans. The area reduction was especially large in Heilongjiang, the largest soybean-producing province in the country. However, rising prices in May induced farmers to plant more soybeans in the North China Plain, where soybeans are planted following the wheat harvest. The estimated yield of 1.75 tons per hectare is higher than last year's drought-damaged crop and slightly higher than the 5-year average. Planting was delayed in the Northeast and North China Plain by unusually dry spring weather, but timely and near-normal summer rainfall provided adequate moisture for crop development in most crop areas. However, soybeans in the lower Yellow River Valley (Shandong and western Hebei Provinces) may have been stressed by drought, while excessive rainfall and local flooding may have lowered yields in parts of the Yangtze River Valley, southern China and northern Xinjiang Province. Harvesting is complete in Northeast China and should be drawing to a close in southern China: no weather-related problems have been reported.

This report uses information from the Foreign Agricultural Service's global network of agricultural attaches and counselors; official statistics of foreign governments and other foreign source materials; and the results of economic and satellite imagery analysis. Estimates of foreign area, yield and production are from the Production Estimates and Crop Assessment Division, FAS, and are reviewed by USDA's Inter-Agency Commodity Estimates Committees. 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-392), November 12, 2002.

The Production Estimates and Crop Assessment Division, FAS prepared this report. The next issue of World Agricultural Production will be released after 9:00 a.m. Eastern Time on December 10, 2002.

### **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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**TABLE 1**  
**World Crop Production Summary**

Commodity	World	Total Foreign	North America			Europe			FSU-12	Asia					South America		Selected Other			All Others
			United States	Canada	Mexico	European Union	Oth. W. Europe	Eastern Europe		China	India	Indo- nesia	Paki- stan	Thai- land	Argen- tina	Brazil	Aus- tralia	South Africa	Turkey	
---Million metric tons---																				
<u>Wheat</u>																				
2000/01	583.8	523.1	60.8	26.8	3.4	104.8	0.9	28.9	62.9	99.6	76.4	0.0	21.1	0.0	16.2	1.7	23.8	2.3	18.0	36.3
2001/02 prel.	578.7	525.5	53.3	20.6	3.3	91.7	0.8	34.7	91.3	93.9	68.8	0.0	19.0	0.0	15.5	3.3	24.0	2.5	15.5	40.8
2002/03 proj.	569.8	525.6	44.2	15.5	3.2	104.0	0.9	31.0	94.2	92.0	72.0	0.0	19.5	0.0	14.0	3.3	13.0	2.4	18.5	42.1
Oct.	569.3	525.3	44.0	15.5	3.2	103.5	0.9	30.8	95.8	92.0	72.0	0.0	19.5	0.0	14.0	3.3	11.0	2.4	18.5	43.1
<u>Coarse Grains</u>																				
2000/01	860.1	586.9	273.1	24.0	24.5	107.2	1.6	37.0	49.5	114.0	31.6	5.9	1.8	4.9	19.6	42.7	10.8	7.8	10.1	93.9
2001/02 prel.	887.5	625.6	261.9	22.4	27.0	105.7	1.5	51.8	62.3	121.9	34.7	6.0	1.8	4.7	18.4	36.7	11.1	9.5	9.5	100.6
2002/03 proj.	863.4	618.9	244.5	19.4	26.7	105.6	1.7	48.2	58.8	132.9	27.5	6.1	1.9	4.1	16.3	38.2	8.5	9.9	10.3	102.9
Oct.	861.6	616.4	245.2	19.4	25.4	105.5	1.7	48.9	60.3	132.9	27.5	6.1	1.9	4.1	16.7	36.2	7.5	9.9	10.3	102.1
<u>Rice (Milled)</u>																				
2000/01	397.6	391.6	5.9	0.0	0.2	1.6	0.0	0.0	0.7	131.5	84.9	32.5	4.7	16.9	0.6	7.1	1.3	0.0	0.2	109.4
2001/02 prel.	396.7	390.1	6.7	0.0	0.2	1.6	0.0	0.0	0.6	124.3	91.6	32.4	3.9	16.5	0.4	7.2	0.9	0.0	0.2	110.2
2002/03 proj.	381.2	374.6	6.6	0.0	0.2	1.8	0.0	0.0	0.7	123.2	78.0	32.5	3.9	16.5	0.4	7.2	0.8	0.0	0.3	109.2
Oct.	381.8	375.2	6.6	0.0	0.2	1.8	0.0	0.0	0.7	123.2	78.0	32.5	3.9	16.5	0.5	7.2	0.8	0.0	0.3	109.7
<u>Total Grains 1/</u>																				
2000/01	1,841.5	1,501.6	339.8	50.8	28.1	213.5	2.5	65.9	113.2	345.1	192.9	38.4	27.6	21.8	36.4	51.4	35.9	10.2	28.3	239.6
2001/02 prel.	1,862.9	1,541.1	321.8	43.0	30.4	199.1	2.3	86.5	154.2	340.1	195.0	38.4	24.7	21.2	34.4	47.1	36.0	12.0	25.2	251.5
2002/03 proj.	1,814.4	1,519.1	295.4	34.9	30.1	211.4	2.6	79.2	153.7	348.1	177.5	38.6	25.2	20.6	30.7	48.6	22.3	12.3	29.1	254.2
Oct.	1,812.8	1,516.9	295.9	34.9	28.7	210.8	2.6	79.7	156.8	348.1	177.5	38.6	25.2	20.6	31.3	46.6	19.3	12.3	29.1	254.9
<u>Oilseeds 2/</u>																				
2000/01	313.4	228.6	84.9	10.0	0.4	14.2	0.1	4.6	11.3	51.1	20.8	2.1	4.1	0.4	31.5	40.8	3.2	1.1	1.9	30.9
2001/02 prel.	323.5	233.7	89.8	6.7	0.4	13.9	0.0	5.3	9.2	52.2	24.1	1.8	3.9	0.4	34.1	45.1	2.8	1.2	1.9	30.6
2002/03 proj.	317.9	236.0	81.9	5.8	0.3	13.6	0.1	5.4	10.5	50.6	22.0	2.0	4.0	0.4	35.5	49.6	1.9	1.1	2.3	31.1
Oct.	321.7	238.9	82.7	5.8	0.3	13.6	0.1	5.3	10.4	51.6	22.0	2.0	3.8	0.4	37.0	50.6	1.7	1.1	2.3	31.1
<u>Cotton</u>																				
2000/01	88.7	71.6	17.2	0.0	0.4	2.5	0.0	0.0	6.4	20.3	10.9	0.0	8.2	0.0	0.7	4.3	3.7	0.2	3.6	10.3
2001/02 prel.	98.4	78.1	20.3	0.0	0.4	2.6	0.0	0.0	7.4	24.4	12.3	0.1	8.3	0.1	0.3	3.5	3.2	0.1	4.0	11.4
2002/03 proj.	88.5	70.4	18.1	0.0	0.2	2.3	0.0	0.0	7.0	20.5	10.9	0.1	8.2	0.0	0.4	3.7	2.0	0.1	4.1	10.8
Oct.	88.1	70.3	17.8	0.0	0.2	2.1	0.0	0.0	6.8	21.5	10.9	0.1	7.8	0.0	0.4	3.6	2.0	0.1	4.1	10.7

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

2/ Includes soybean, cottonseed, peanut (inshell), sunflowerseed, rapeseed for individual countries. Copra and palm kernel are added to world totals.

Note: Entries of 0.0 indicate no reported or insignificant production.

**TABLE 2**  
**Wheat Area, Yield, and Production**  
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production				
	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	From last month	MMT	Percent	MMT	Percent
				Oct.				Nov.				Oct.	Nov.				
Million hectares																	
World	219.380	215.620	213.402	213.742	2.661	2.684	2.670	2.664	583.847	578.722	569.771	569.338	-0.433	-0.076	-9.384	-1.622	
United States	21.502	19.681	18.625	18.542	2.826	2.706	2.374	2.373	60.758	53.262	44.215	43.992	-0.223	-0.504	-9.270	-17.405	
Total Foreign	197.878	195.939	194.777	195.200	2.643	2.682	2.698	2.691	523.089	525.460	525.556	525.346	-0.210	-0.040	-0.114	-0.022	
Major Exporters	48.189	46.408	43.493	42.978	3.561	3.271	3.368	3.351	171.584	151.793	146.500	144.000	-2.500	-1.706	-7.793	-5.134	
European Union	17.816	16.523	17.793	17.778	5.881	5.551	5.845	5.822	104.784	91.725	104.000	103.500	-0.500	-0.481	11.775	12.837	
France	5.269	4.780	5.220	5.220	7.128	6.590	7.471	7.471	37.560	31.500	39.000	39.000	0.000	0.000	7.500	23.810	
United Kingdom	2.086	1.635	2.015	2.000	8.006	7.076	8.189	8.000	16.700	11.570	16.500	16.000	-0.500	-3.030	4.430	38.289	
Germany	2.969	2.896	3.010	3.010	7.283	7.886	6.910	6.910	21.622	22.838	20.800	20.800	0.000	0.000	-2.038	-8.924	
Canada	10.963	10.585	8.900	8.900	2.445	1.943	1.742	1.742	26.804	20.568	15.500	15.500	0.000	0.000	-5.068	-24.640	
Australia	13.002	12.500	10.800	10.300	1.828	1.920	1.204	1.068	23.766	24.000	13.000	11.000	-2.000	-15.385	-13.000	-54.167	
Argentina	6.408	6.800	6.000	6.000	2.533	2.279	2.333	2.333	16.230	15.500	14.000	14.000	0.000	0.000	-1.500	-9.677	
Major Importers	91.078	92.554	94.392	94.892	2.307	2.611	2.564	2.565	210.153	241.672	242.052	243.392	1.340	0.554	1.720	0.712	
China	26.650	24.700	24.500	24.500	3.739	3.800	3.755	3.755	99.640	93.870	92.000	92.000	0.000	0.000	-1.870	-1.992	
FSU-12	42.980	45.721	48.020	48.520	1.465	1.996	1.962	1.973	62.945	91.280	94.210	95.750	1.540	1.635	4.470	4.897	
Russia	23.200	23.800	25.700	25.700	1.485	1.971	1.907	1.926	34.450	46.900	49.000	49.500	0.500	1.020	2.600	5.544	
Ukraine	5.161	6.900	6.800	6.800	1.976	3.087	3.088	3.088	10.197	21.300	21.000	21.000	0.000	0.000	-0.300	-1.408	
Kazakhstan	10.500	10.700	11.000	11.500	0.867	1.187	1.091	1.130	9.100	12.700	12.000	13.000	1.000	8.333	0.300	2.362	
Baltic States	0.598	0.575	0.579	0.579	3.028	2.840	2.755	2.755	1.811	1.633	1.595	1.595	0.000	0.000	-0.038	-2.327	
Eastern Europe	9.290	10.130	9.635	9.635	3.107	3.425	3.217	3.196	28.866	34.693	30.997	30.797	-0.200	-0.645	-3.896	-11.230	
Poland	2.635	2.627	2.550	2.550	3.227	3.534	3.647	3.647	8.503	9.283	9.300	9.300	0.000	0.000	0.017	0.183	
Iran	6.000	6.000	6.200	6.200	1.250	1.250	1.694	1.694	7.500	7.500	10.500	10.500	0.000	0.000	3.000	40.000	
Egypt	1.190	1.002	1.008	1.008	5.336	6.118	6.101	6.101	6.350	6.130	6.150	6.150	0.000	0.000	0.020	0.326	
Morocco	2.902	2.701	2.600	2.600	0.476	1.230	1.270	1.270	1.381	3.316	3.300	3.300	0.000	0.000	-0.016	-0.483	
Brazil	1.468	1.725	1.850	1.850	1.131	1.884	1.784	1.784	1.660	3.250	3.300	3.300	0.000	0.000	0.050	1.538	
Other Foreign	58.611	56.977	56.892	57.330	2.412	2.317	2.408	2.406	141.352	131.995	137.004	137.954	0.950	0.693	5.959	4.515	
India	27.486	25.068	26.200	26.200	2.778	2.743	2.748	2.748	76.369	68.763	72.000	72.000	0.000	0.000	3.237	4.707	
Turkey	8.700	8.500	8.600	8.600	2.069	1.824	2.151	2.151	18.000	15.500	18.500	18.500	0.000	0.000	3.000	19.355	
Pakistan	8.463	8.250	8.300	8.300	2.491	2.306	2.349	2.349	21.079	19.023	19.500	19.500	0.000	0.000	0.477	2.507	
Mexico	0.690	0.685	0.660	0.660	4.928	4.774	4.773	4.773	3.400	3.270	3.150	3.150	0.000	0.000	-0.120	-3.670	
Saudi Arabia	0.400	0.400	0.400	0.400	4.500	4.450	4.500	4.500	1.800	1.780	1.800	1.800	0.000	0.000	0.020	1.124	
South Africa	0.934	0.959	0.940	0.940	2.515	2.596	2.553	2.553	2.349	2.490	2.400	2.400	0.000	0.000	-0.090	-3.614	
Others	11.938	13.115	11.792	12.230	1.538	1.614	1.667	1.685	18.355	21.169	19.654	20.604	0.950	4.834	-0.565	-2.669	

**TABLE 3**  
**Total Coarse Grain Area, Yield, and Production**  
**World and Selected Countries and Regions**

	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
<b>World</b>	<b>296.580</b>	<b>299.637</b>	<b>298.355</b>	<b>296.289</b>	<b>2.900</b>	<b>2.962</b>	<b>2.894</b>	<b>2.908</b>	<b>860.052</b>	<b>887.458</b>	<b>863.400</b>	<b>861.647</b>	<b>-1.753</b>	<b>-0.203</b>	<b>-25.811</b>	<b>-2.908</b>
United States	35.616	33.930	34.231	34.231	7.669	7.718	7.143	7.164	273.129	261.861	244.517	245.233	0.716	0.293	-16.628	-6.350
<b>Total Foreign</b>	<b>260.964</b>	<b>265.707</b>	<b>264.124</b>	<b>262.058</b>	<b>2.249</b>	<b>2.354</b>	<b>2.343</b>	<b>2.352</b>	<b>586.923</b>	<b>625.597</b>	<b>618.883</b>	<b>616.414</b>	<b>-2.469</b>	<b>-0.399</b>	<b>-9.183</b>	<b>-1.468</b>
<b>Major Exporters</b>	<b>47.177</b>	<b>47.643</b>	<b>47.135</b>	<b>47.010</b>	<b>3.736</b>	<b>3.848</b>	<b>3.967</b>	<b>3.967</b>	<b>176.239</b>	<b>183.327</b>	<b>186.998</b>	<b>186.468</b>	<b>-0.530</b>	<b>-0.283</b>	<b>3.141</b>	<b>1.713</b>
Canada	7.181	6.930	6.450	6.450	3.346	3.234	3.007	3.007	24.030	22.412	19.395	19.395	0.000	0.000	-3.017	-13.462
Argentina	4.069	3.690	3.475	3.550	4.812	4.999	4.682	4.715	19.580	18.445	16.270	16.740	0.470	2.889	-1.705	-9.244
Australia	5.336	5.314	4.915	4.715	2.033	2.084	1.736	1.597	10.846	11.075	8.530	7.530	-1.000	-11.723	-3.545	-32.009
South Africa	4.105	4.224	4.480	4.480	1.907	2.250	2.210	2.210	7.830	9.502	9.903	9.903	0.000	0.000	0.401	4.220
China	26.486	27.485	27.815	27.815	4.302	4.435	4.778	4.778	113.953	121.893	132.900	132.900	0.000	0.000	11.007	9.030
<b>Major Importers</b>	<b>76.375</b>	<b>79.472</b>	<b>77.976</b>	<b>77.204</b>	<b>2.906</b>	<b>3.149</b>	<b>3.115</b>	<b>3.157</b>	<b>221.972</b>	<b>250.237</b>	<b>242.927</b>	<b>243.738</b>	<b>0.811</b>	<b>0.334</b>	<b>-6.499</b>	<b>-2.597</b>
FSU-12	31.233	32.905	32.538	31.845	1.584	1.893	1.806	1.895	49.488	62.281	58.768	60.333	1.565	2.663	-1.948	-3.128
Russia	19.600	20.600	20.450	19.750	1.439	1.706	1.609	1.716	28.200	35.150	32.900	33.900	1.000	3.040	-1.250	-3.556
Ukraine	6.454	6.900	7.060	7.060	2.013	2.459	2.344	2.344	12.993	16.965	16.550	16.550	0.000	0.000	-0.415	-2.446
Kazakhstan	1.970	2.070	2.070	2.070	1.053	1.383	1.208	1.208	2.075	2.863	2.500	2.500	0.000	0.000	-0.363	-12.679
Baltic States	1.013	0.937	0.937	0.937	2.203	2.073	2.073	2.073	2.232	1.942	1.942	1.942	0.000	0.000	0.000	0.000
European Union	19.291	19.531	19.131	19.144	5.557	5.413	5.519	5.510	107.193	105.714	105.585	105.485	-0.100	-0.095	-0.229	-0.217
Germany	4.048	4.149	3.935	3.935	5.842	6.477	5.748	5.748	23.650	26.872	22.620	22.620	0.000	0.000	-4.252	-15.823
France	3.796	4.051	3.987	3.987	7.486	6.917	7.580	7.580	28.415	28.021	30.220	30.220	0.000	0.000	2.199	7.848
Eastern Europe	15.113	15.597	14.930	14.950	2.449	3.321	3.230	3.272	37.010	51.794	48.217	48.917	0.700	1.452	-2.877	-5.555
Poland	6.162	6.182	5.825	5.845	2.243	2.860	2.867	2.891	13.824	17.678	16.700	16.900	0.200	1.198	-0.778	-4.401
Romania	3.323	3.476	3.350	3.350	1.738	2.434	2.404	2.554	5.775	8.460	8.055	8.555	0.500	6.207	0.095	1.123
Czech Rep.	0.634	0.645	0.670	0.670	3.500	4.143	3.799	3.799	2.219	2.672	2.545	2.545	0.000	0.000	-0.127	-4.753
Mexico	9.379	10.155	10.070	9.970	2.607	2.656	2.653	2.545	24.455	26.967	26.720	25.370	-1.350	-5.052	-1.597	-5.922
Other W. Europe	0.346	0.347	0.370	0.358	4.607	4.435	4.581	4.723	1.594	1.539	1.695	1.691	-0.004	-0.236	0.152	9.877
<b>Other Foreign</b>	<b>137.412</b>	<b>138.592</b>	<b>139.013</b>	<b>137.844</b>	<b>1.373</b>	<b>1.386</b>	<b>1.359</b>	<b>1.351</b>	<b>188.712</b>	<b>192.033</b>	<b>188.958</b>	<b>186.208</b>	<b>-2.750</b>	<b>-1.455</b>	<b>-5.825</b>	<b>-3.033</b>
Thailand	1.370	1.340	1.280	1.280	3.577	3.507	3.203	3.203	4.900	4.700	4.100	4.100	0.000	0.000	-0.600	-12.766
India	30.298	29.804	28.850	28.850	1.044	1.164	0.953	0.953	31.631	34.682	27.500	27.500	0.000	0.000	-7.182	-20.708
Brazil	13.669	12.685	13.097	12.497	3.124	2.893	2.914	2.893	42.698	36.698	38.159	36.159	-2.000	-5.241	-0.539	-1.469
Turkey	4.575	4.450	4.550	4.550	2.211	2.138	2.267	2.267	10.115	9.515	10.315	10.315	0.000	0.000	0.800	8.408
Indonesia	3.000	3.000	3.050	3.050	1.967	2.000	2.000	2.000	5.900	6.000	6.100	6.100	0.000	0.000	0.100	1.667
Philippines	2.484	2.485	2.485	2.485	1.815	1.813	1.791	1.791	4.508	4.505	4.450	4.450	0.000	0.000	-0.055	-1.221
Others	82.016	84.828	85.701	85.132	1.085	1.131	1.147	1.146	88.960	95.933	98.334	97.584	-0.750	-0.763	1.651	1.721

**TABLE 4**  
**Corn Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production				
	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	From last month	MMT	Percent	MMT	Percent
				Oct. Nov.				Oct. Nov.				Oct. Nov.		From last year			
Million hectares					Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent	
World	136.941	137.669	137.741	136.951	4.289	4.330	4.283	4.306	587.344	596.166	590.001	589.738	-0.263	-0.045	-6.428	-1.078	
United States	29.316	27.846	28.547	28.547	8.591	8.672	7.981	8.011	251.854	241.485	227.844	228.696	0.852	0.374	-12.789	-5.296	
Total Foreign	107.625	109.823	109.194	108.404	3.117	3.230	3.317	3.331	335.490	354.681	362.157	361.042	-1.115	-0.308	6.361	1.793	
Major Exporters	29.099	30.082	30.350	30.450	4.429	4.574	4.843	4.844	128.883	137.588	147.000	147.500	0.500	0.340	9.912	7.204	
Argentina	2.818	2.450	2.250	2.350	5.465	5.878	5.556	5.532	15.400	14.400	12.500	13.000	0.500	4.000	-1.400	-9.722	
South Africa	3.225	3.350	3.600	3.600	2.320	2.716	2.639	2.639	7.483	9.100	9.500	9.500	0.000	0.000	0.400	4.396	
China	23.056	24.282	24.500	24.500	4.598	4.698	5.102	5.102	106.000	114.088	125.000	125.000	0.000	0.000	10.912	9.565	
Major Importers	20.957	22.076	21.541	21.561	3.882	4.212	4.234	4.267	81.360	92.987	91.206	92.006	0.800	0.877	-0.981	-1.055	
Eastern Europe	6.662	7.012	6.610	6.630	2.720	3.918	3.862	3.956	18.119	27.476	25.530	26.230	0.700	2.742	-1.246	-4.535	
Romania	2.860	2.910	2.800	2.800	1.678	2.405	2.500	2.679	4.800	7.000	7.000	7.500	0.500	7.143	0.500	7.143	
Yugoslavia	1.207	1.300	1.200	1.200	2.439	4.769	4.500	4.500	2.944	6.200	5.400	5.400	0.000	0.000	-0.800	-12.903	
European Union	4.197	4.455	4.321	4.321	8.925	8.712	9.095	9.095	37.460	38.810	39.300	39.300	0.000	0.000	0.490	1.263	
France	1.796	1.889	1.840	1.840	9.035	8.523	8.967	8.967	16.227	16.100	16.500	16.500	0.000	0.000	0.400	2.484	
Italy	1.064	1.098	1.060	1.060	9.527	9.442	9.906	9.906	10.137	10.367	10.500	10.500	0.000	0.000	0.133	1.283	
Mexico	7.145	7.780	7.700	7.700	2.508	2.519	2.468	2.468	17.920	19.600	19.000	19.000	0.000	0.000	-0.600	-3.061	
FSU-12	2.900	2.778	2.858	2.858	2.592	2.435	2.465	2.500	7.518	6.765	7.045	7.145	0.100	1.419	0.380	5.617	
Russia	0.800	0.700	0.750	0.750	1.938	1.143	1.333	1.467	1.550	0.800	1.000	1.100	1.000	10.000	0.300	37.500	
Ukraine	1.279	1.150	1.200	1.200	3.009	3.130	2.917	2.917	3.848	3.600	3.500	3.500	0.000	0.000	-0.100	-2.778	
Other W. Europe	0.022	0.024	0.025	0.025	9.955	9.250	8.800	8.800	0.219	0.222	0.220	0.220	0.000	0.000	-0.002	-0.901	
Others	0.031	0.027	0.027	0.027	4.000	4.222	4.111	4.111	0.124	0.114	0.111	0.111	0.000	0.000	-0.003	-2.632	
Other Foreign	57.569	57.665	57.303	56.393	2.176	2.152	2.163	2.155	125.247	124.106	123.951	121.536	-2.415	-1.948	-2.570	-2.071	
Thailand	1.210	1.180	1.120	1.120	3.884	3.814	3.482	3.482	4.700	4.500	3.900	3.900	0.000	0.000	-0.600	-13.333	
Brazil	12.972	11.988	12.400	11.800	3.202	2.964	2.984	2.966	41.536	35.536	37.000	35.000	-2.000	-5.405	-0.536	-1.508	
India	6.557	6.870	6.200	6.200	1.840	1.967	1.774	1.774	12.068	13.510	11.000	11.000	0.000	0.000	-2.510	-18.579	
Canada	1.088	1.260	1.250	1.250	6.275	6.508	6.640	6.640	6.827	8.200	8.300	8.300	0.000	0.000	0.100	1.220	
Indonesia	3.000	3.000	3.050	3.050	1.967	2.000	2.000	2.000	5.900	6.000	6.100	6.100	0.000	0.000	0.100	1.667	
Philippines	2.484	2.485	2.485	2.485	1.815	1.813	1.791	1.791	4.508	4.505	4.450	4.450	0.000	0.000	-0.055	-1.221	
Egypt	0.705	0.770	0.775	0.775	7.994	8.000	8.000	8.000	5.636	6.160	6.200	6.200	0.000	0.000	0.040	0.649	
Zimbabwe	1.223	1.400	1.250	1.250	1.200	0.357	0.800	0.800	1.467	0.500	1.000	1.000	0.000	0.000	0.500	100.000	
Others	28.330	28.712	28.773	28.463	1.504	1.574	1.599	1.602	42.605	45.195	46.001	45.586	-0.415	-0.902	0.391	0.865	

**TABLE 5**  
**Barley Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production				
	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	From last month	MMT	Percent	MMT	Percent
	2000/01	Oct.	Nov.		2000/01	Oct.	Nov.		2000/01	Oct.	Nov.		From last year				
Million hectares				Metric tons per hectare				Million metric tons									
World	54.906	56.780	55.632	55.175	2.442	2.478	2.396	2.407	134.095	140.697	133.314	132.817	-0.497	-0.373	-7.880	-5.601	
United States	2.110	1.736	1.673	1.673	3.289	3.128	2.953	2.953	6.939	5.430	4.940	4.940	0.000	0.000	-0.490	-9.024	
Total Foreign	52.796	55.044	53.959	53.502	2.408	2.457	2.379	2.390	127.156	135.267	128.374	127.877	-0.497	-0.387	-7.390	-5.463	
European Union	10.804	10.783	10.470	10.470	4.781	4.466	4.613	4.594	51.659	48.156	48.300	48.100	-0.200	-0.414	-0.056	-0.116	
Denmark	0.741	0.737	0.830	0.830	5.371	5.399	5.000	5.000	3.980	3.979	4.150	4.150	0.000	0.000	0.171	4.298	
France	1.561	1.710	1.640	1.640	6.374	5.731	6.707	6.707	9.950	9.800	11.000	11.000	0.000	0.000	1.200	12.245	
Germany	2.068	2.112	1.980	1.980	5.854	6.390	5.556	5.556	12.106	13.495	11.000	11.000	0.000	0.000	-2.495	-18.488	
Italy	0.344	0.332	0.350	0.350	3.669	3.373	3.500	3.500	1.262	1.120	1.225	1.225	0.000	0.000	0.105	9.375	
Spain	3.307	2.994	2.950	2.950	3.412	2.086	2.780	2.780	11.283	6.245	8.200	8.200	0.000	0.000	1.955	31.305	
United Kingdom	1.128	1.245	1.100	1.100	5.754	5.382	5.636	5.455	6.490	6.700	6.200	6.000	-0.200	-3.226	-0.700	-10.448	
FSU-12	15.889	17.199	17.490	17.197	1.574	2.032	1.910	1.984	25.013	34.945	33.410	34.125	0.715	2.140	-0.820	-2.347	
Russia	9.200	10.200	10.400	10.100	1.533	1.912	1.779	1.881	14.100	19.500	18.500	19.000	0.500	2.703	-0.500	-2.564	
Ukraine	3.690	3.900	4.300	4.300	1.862	2.615	2.442	2.442	6.872	10.200	10.500	10.500	0.000	0.000	0.300	2.941	
Kazakstan	1.625	1.700	1.700	1.700	1.031	1.294	1.176	1.176	1.675	2.200	2.000	2.000	0.000	0.000	-0.200	-9.091	
Baltic States	0.653	0.602	0.602	0.602	2.250	2.193	2.183	2.183	1.469	1.320	1.314	1.314	0.000	0.000	-0.006	-0.455	
Eastern Europe	2.822	2.974	3.088	3.088	2.644	3.297	2.982	2.982	7.462	9.806	9.208	9.208	0.000	0.000	-0.598	-6.098	
Poland	1.096	1.071	1.100	1.100	2.539	3.109	3.091	3.091	2.783	3.330	3.400	3.400	0.000	0.000	0.070	2.102	
Czech Rep.	0.495	0.500	0.500	0.500	3.291	4.036	3.600	3.600	1.629	2.018	1.800	1.800	0.000	0.000	-0.218	-10.803	
Romania	0.213	0.316	0.300	0.300	2.676	3.339	2.167	2.167	0.570	1.055	0.650	0.650	0.000	0.000	-0.405	-38.389	
Canada	4.551	4.150	3.550	3.550	2.894	2.613	2.169	2.169	13.172	10.846	7.700	7.700	0.000	0.000	-3.146	-29.006	
Other W. Europe	0.207	0.217	0.225	0.220	4.140	3.977	4.187	4.318	0.857	0.863	0.942	0.950	0.008	0.849	0.087	10.081	
Norway	0.161	0.173	0.175	0.175	3.565	3.538	3.526	3.714	0.574	0.612	0.617	0.650	0.033	5.348	0.038	6.209	
Turkey	3.600	3.500	3.550	3.550	2.056	1.971	2.113	2.113	7.400	6.900	7.500	7.500	0.000	0.000	0.600	8.696	
Australia	3.675	3.700	3.200	3.000	1.958	2.027	1.406	1.167	7.196	7.500	4.500	3.500	-1.000	-22.222	-4.000	-53.333	
China	0.791	0.770	0.765	0.765	3.345	3.292	3.137	3.137	2.646	2.535	2.400	2.400	0.000	0.000	-0.135	-5.325	
Morocco	2.251	2.126	2.000	2.000	0.207	0.543	0.800	0.800	0.467	1.155	1.600	1.600	0.000	0.000	0.445	38.528	
India	0.725	0.754	0.750	0.750	1.996	1.899	2.000	2.000	1.447	1.432	1.500	1.500	0.000	0.000	0.068	4.749	
Others	6.828	8.269	8.269	8.310	1.226	1.186	1.209	1.201	8.368	9.809	10.000	9.980	-0.020	-0.200	0.171	1.743	

**TABLE 6**  
**Oats Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.	2002/03 Proj.	Prel.	2002/03 Proj.	Prel.	2002/03 Proj.	Prel.	2002/03 Proj.	From last month	From last year						
	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	MMT	Percent	MMT	Percent
Million hectares				Metric tons per hectare				Million metric tons								
World	13.902	14.200	14.477	14.168	1.883	1.896	1.794	1.883	26.173	26.929	25.969	26.672	0.703	2.707	-0.257	-0.954
United States	0.943	0.771	0.849	0.849	2.302	2.204	2.037	2.037	2.171	1.699	1.729	1.729	0.000	0.000	0.030	1.766
Total Foreign	12.959	13.429	13.628	13.319	1.852	1.879	1.779	1.873	24.002	25.230	24.240	24.943	0.703	2.900	-0.287	-1.138
FSU-12	5.390	5.908	5.660	5.360	1.391	1.630	1.336	1.532	7.495	9.631	7.563	8.213	0.650	8.594	-1.418	-14.723
Russia	4.500	4.900	4.700	4.400	1.333	1.571	1.277	1.477	6.000	7.700	6.000	6.500	0.500	8.333	-1.200	-15.584
Ukraine	0.481	0.600	0.600	0.600	1.832	1.833	1.667	1.667	0.881	1.100	1.000	1.000	0.000	0.000	-0.100	-9.091
Belarus	0.300	0.300	0.250	0.250	1.733	2.000	1.800	2.400	0.520	0.600	0.450	0.600	0.150	33.333	0.000	0.000
Baltic States	0.143	0.148	0.148	0.148	1.958	1.622	1.642	1.642	0.280	0.240	0.243	0.243	0.000	0.000	0.003	1.250
Maj. Foreign Exporters	2.332	2.297	2.490	2.475	2.214	1.999	1.910	1.913	5.162	4.591	4.755	4.735	-0.020	-0.421	0.144	3.137
Canada	1.299	1.238	1.440	1.440	2.609	2.174	2.014	2.014	3.389	2.691	2.900	2.900	0.000	0.000	0.209	7.767
Australia	0.698	0.678	0.700	0.700	1.620	1.802	1.821	1.821	1.131	1.222	1.275	1.275	0.000	0.000	0.053	4.337
Argentina	0.335	0.381	0.350	0.335	1.916	1.780	1.657	1.672	0.642	0.678	0.580	0.560	-0.020	-3.448	-0.118	-17.404
Other Foreign	5.094	5.076	5.330	5.336	2.172	2.121	2.191	2.202	11.065	10.768	11.679	11.752	0.073	0.625	0.984	9.138
China	0.500	0.500	0.500	0.500	1.200	1.200	1.200	1.200	0.600	0.600	0.600	0.600	0.000	0.000	0.000	0.000
European Union	1.943	1.936	2.091	2.104	3.524	3.253	3.348	3.375	6.847	6.298	7.000	7.100	0.100	1.429	0.802	12.734
France	0.103	0.117	0.140	0.140	4.456	4.154	5.000	5.000	0.459	0.486	0.700	0.700	0.000	0.000	0.214	44.033
Germany	0.237	0.233	0.235	0.235	4.586	4.940	4.340	4.340	1.087	1.151	1.020	1.020	0.000	0.000	-0.131	-11.381
Italy	0.152	0.149	0.149	0.149	3.000	2.698	3.020	3.020	0.456	0.402	0.450	0.450	0.000	0.000	0.048	11.940
Finland	0.400	0.416	0.450	0.450	3.533	3.094	3.222	3.222	1.413	1.287	1.450	1.450	0.000	0.000	0.163	12.665
Sweden	0.291	0.271	0.300	0.300	3.955	3.546	3.833	3.833	1.151	0.961	1.150	1.150	0.000	0.000	0.189	19.667
Eastern Europe	1.096	1.058	1.140	1.140	1.794	2.185	2.132	2.132	1.966	2.312	2.430	2.430	0.000	0.000	0.118	5.104
Czech Rep.	0.050	0.050	0.060	0.060	2.720	3.020	2.833	2.833	0.136	0.151	0.170	0.170	0.000	0.000	0.019	12.583
Poland	0.566	0.531	0.600	0.600	1.890	2.458	2.333	2.333	1.070	1.305	1.400	1.400	0.000	0.000	0.095	7.280
Yugoslavia	0.063	0.065	0.065	0.065	1.524	1.923	1.923	1.923	0.096	0.125	0.125	0.125	0.000	0.000	0.000	0.000
Norway	0.094	0.083	0.097	0.090	4.223	4.012	4.247	4.444	0.397	0.333	0.412	0.400	-0.012	-2.913	0.067	20.120
Turkey	0.145	0.145	0.145	0.145	1.724	1.724	1.724	1.724	0.250	0.250	0.250	0.250	0.000	0.000	0.000	0.000
Others	1.316	1.354	1.357	1.357	0.764	0.720	0.727	0.716	1.005	0.975	0.987	0.972	-0.015	-1.520	-0.003	-0.308

**TABLE 7**  
**Rye Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production				
	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	From last month	MMT	Percent	MMT	Percent
	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	From last year	MMT	Percent	MMT	Percent
Million hectares				Metric tons per hectare				Million metric tons									
World	9.332	9.537	9.145	9.135	2.051	2.403	2.235	2.258	19.143	22.917	20.438	20.628	0.190	0.930	-2.289	-9.988	
United States	0.120	0.103	0.116	0.116	1.775	1.718	1.526	1.526	0.213	0.177	0.177	0.177	0.000	0.000	0.000	0.000	
Total Foreign	9.212	9.434	9.029	9.019	2.055	2.410	2.244	2.268	18.930	22.740	20.261	20.451	0.190	0.938	-2.289	-10.066	
FSU-12	4.987	5.370	5.570	5.570	1.587	1.876	1.822	1.858	7.916	10.075	10.150	10.350	0.200	1.970	0.275	2.730	
Russia	3.500	3.600	3.900	3.900	1.557	1.833	1.795	1.795	5.450	6.600	7.000	7.000	0.000	0.000	0.400	6.061	
Ukraine	0.637	0.900	0.800	0.800	1.516	2.000	1.750	1.750	0.966	1.800	1.400	1.400	0.000	0.000	-0.400	-22.222	
Belarus	0.780	0.800	0.800	0.800	1.859	2.000	2.125	2.375	1.450	1.600	1.700	1.900	0.200	11.765	0.300	18.750	
Baltic States	0.217	0.187	0.187	0.187	2.226	2.043	2.059	2.059	0.483	0.382	0.385	0.385	0.000	0.000	0.003	0.785	
Major Exporter																	
Canada	0.115	0.123	0.075	0.075	2.261	1.854	1.733	1.733	0.260	0.228	0.130	0.130	0.000	0.000	-0.098	-42.982	
Other Foreign	3.893	3.754	3.197	3.187	2.638	3.211	3.002	3.008	10.271	12.055	9.596	9.586	-0.010	-0.104	-2.469	-20.481	
Eastern Europe	2.308	2.193	1.791	1.791	1.912	2.451	2.481	2.481	4.412	5.376	4.443	4.443	0.000	0.000	-0.933	-17.355	
Hungary	0.040	0.050	0.050	0.050	2.000	2.420	2.000	2.000	0.080	0.121	0.100	0.100	0.000	0.000	-0.021	-17.355	
Poland	2.130	2.002	1.600	1.600	1.879	2.429	2.500	2.500	4.003	4.863	4.000	4.000	0.000	0.000	-0.863	-17.746	
Czech Rep.	0.044	0.040	0.040	0.040	3.409	3.850	3.125	3.125	0.150	0.154	0.125	0.125	0.000	0.000	-0.029	-18.831	
European Union	1.245	1.246	1.093	1.093	4.346	5.037	4.355	4.355	5.411	6.276	4.760	4.760	0.000	0.000	-1.516	-24.156	
Denmark	0.051	0.062	0.050	0.050	5.137	5.306	5.000	5.000	0.262	0.329	0.250	0.250	0.000	0.000	-0.079	-24.012	
France	0.032	0.029	0.029	0.029	4.563	4.103	4.138	4.138	0.146	0.119	0.120	0.120	0.000	0.000	0.001	0.840	
Germany	0.843	0.837	0.730	0.730	4.928	6.131	5.068	5.068	4.154	5.132	3.700	3.700	0.000	0.000	-1.432	-27.903	
Spain	0.111	0.115	0.111	0.111	1.892	0.930	1.532	1.532	0.210	0.107	0.170	0.170	0.000	0.000	0.063	58.879	
Austria	0.053	0.051	0.050	0.050	3.396	4.176	4.000	4.000	0.180	0.213	0.200	0.200	0.000	0.000	-0.013	-6.103	
Sweden	0.035	0.035	0.020	0.020	5.343	5.200	5.000	5.000	0.187	0.182	0.100	0.100	0.000	0.000	-0.082	-45.055	
Turkey	0.180	0.180	0.180	0.180	1.389	1.389	1.389	1.389	0.250	0.250	0.250	0.250	0.000	0.000	0.000	0.000	
Others	0.160	0.135	0.133	0.123	1.237	1.133	1.075	1.081	0.198	0.153	0.143	0.133	-0.010	-6.993	-0.020	-13.072	

**TABLE 8**  
**Sorghum Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production				
	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	From last month	MMT	Percent	MMT	Percent
	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	From last year				
Million hectares				Metric tons per hectare				Million metric tons									
World	38.453	39.822	40.072	39.672	1.379	1.434	1.368	1.336	53.022	57.091	54.806	53.020	-1.786	-3.259	-4.071	-7.131	
United States	3.127	3.474	3.046	3.046	3.822	3.762	3.226	3.182	11.952	13.070	9.827	9.691	-0.136	-1.384	-3.379	-25.853	
Total Foreign	35.326	36.348	37.026	36.626	1.163	1.211	1.215	1.183	41.070	44.021	44.979	43.329	-1.650	-3.668	-0.692	-1.572	
India	9.991	10.180	9.900	9.900	0.772	0.824	0.808	0.808	7.716	8.390	8.000	8.000	0.000	0.000	-0.390	-4.648	
China	0.889	0.783	0.850	0.850	2.904	3.448	3.294	3.294	2.582	2.700	2.800	2.800	0.000	0.000	0.100	3.704	
Mexico	1.825	1.960	1.950	1.850	3.104	3.316	3.513	2.973	5.665	6.500	6.850	5.500	-1.350	-19.708	-1.000	-15.385	
Nigeria	6.700	6.750	6.750	6.750	1.164	1.156	1.163	1.163	7.800	7.800	7.850	7.850	0.000	0.000	0.050	0.641	
Sudan	4.200	5.000	6.000	6.000	0.612	0.700	0.725	0.725	2.570	3.500	4.350	4.350	0.000	0.000	0.850	24.286	
Argentina	0.566	0.542	0.550	0.550	4.781	5.074	4.545	4.545	2.706	2.750	2.500	2.500	0.000	0.000	-0.250	-9.091	
Australia	0.818	0.773	0.850	0.850	2.578	2.299	2.588	2.588	2.109	1.777	2.200	2.200	0.000	0.000	0.423	23.804	
Ethiopia	1.700	1.650	1.500	1.200	1.059	1.121	1.133	1.167	1.800	1.850	1.700	1.400	-0.300	-17.647	-0.450	-24.324	
Colombia	0.060	0.060	0.060	0.060	2.833	2.833	2.833	2.833	0.170	0.170	0.170	0.170	0.000	0.000	0.000	0.000	
Venezuela	0.260	0.260	0.260	0.260	1.500	1.500	1.500	1.500	0.390	0.390	0.390	0.390	0.000	0.000	0.000	0.000	
Egypt	0.160	0.160	0.160	0.160	4.688	4.688	4.688	4.688	0.750	0.750	0.750	0.750	0.000	0.000	0.000	0.000	
Yemen	0.400	0.400	0.400	0.400	0.900	0.900	0.900	0.900	0.360	0.360	0.360	0.360	0.000	0.000	0.000	0.000	
Tanzania	0.550	0.600	0.550	0.550	0.609	0.917	0.909	0.909	0.335	0.550	0.500	0.500	0.000	0.000	-0.050	-9.091	
Niger	1.500	1.500	1.500	1.500	0.267	0.433	0.433	0.433	0.400	0.650	0.650	0.650	0.000	0.000	0.000	0.000	
South Africa	0.088	0.075	0.085	0.085	1.989	2.627	2.118	2.118	0.175	0.197	0.180	0.180	0.000	0.000	-0.017	-8.629	
Thailand	0.160	0.160	0.160	0.160	1.250	1.250	1.250	1.250	0.200	0.200	0.200	0.200	0.000	0.000	0.000	0.000	
Others	5.459	5.495	5.501	5.501	0.979	0.999	1.005	1.005	5.342	5.487	5.529	5.529	0.000	0.000	0.042	0.765	

November 2002

Production Estimates and Crop Assessment Division, FAS, USDA

**TABLE 9**  
**Rice Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield (Rough)				Production (Milled)				Change in Production			
	Prel.	2002/03 Proj.	Prel.	2002/03 Proj.	Prel.	2002/03 Proj.	Prel.	2002/03 Proj.	From last month	From last year						
	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	MMT	Percent	MMT	Percent
Million hectares																
World	151.490	151.011	144.649	144.702	3.908	3.915	3.928	3.932	397.555	396.727	381.244	381.787	0.543	0.142	-14.940	-3.766
United States	1.230	1.341	1.298	1.298	7.039	7.207	7.406	7.409	5.941	6.668	6.633	6.636	0.003	0.045	-0.032	-0.480
Total Foreign	150.260	149.670	143.351	143.404	3.883	3.886	3.897	3.901	391.614	390.059	374.611	375.151	0.540	0.144	-14.908	-3.822
Metric tons per hectare																
Major Exporters	64.124	64.366	59.320	59.440	2.979	3.109	3.015	3.019	126.945	133.018	118.850	119.250	0.400	0.337	-13.768	-10.350
Vietnam	7.493	7.471	7.300	7.420	4.140	4.266	4.255	4.268	20.473	21.036	20.500	20.900	0.400	1.951	-0.136	-0.647
Thailand	9.920	9.990	9.920	9.920	2.581	2.503	2.520	2.520	16.901	16.500	16.500	16.500	0.000	0.000	0.000	0.000
India	44.361	44.790	40.000	40.000	2.870	3.068	2.925	2.925	84.871	91.600	78.000	78.000	0.000	0.000	-13.600	-14.847
Pakistan	2.350	2.115	2.100	2.100	3.000	2.754	2.750	2.750	4.700	3.882	3.850	3.850	0.000	0.000	-0.032	-0.824
Major Importers	21.990	21.976	22.063	21.993	3.790	3.824	3.823	3.825	53.284	53.722	53.954	53.824	-0.130	-0.241	0.102	0.190
Indonesia	11.600	11.500	11.500	11.500	4.440	4.461	4.472	4.472	32.548	32.422	32.500	32.500	0.000	0.000	0.078	0.241
Brazil	3.142	3.178	3.150	3.180	3.305	3.313	3.338	3.307	7.062	7.160	7.150	7.150	0.000	0.000	-0.010	-0.140
European Union	0.398	0.388	0.393	0.393	6.176	6.598	7.013	7.013	1.567	1.620	1.792	1.792	0.000	0.000	0.172	10.617
Iran	0.490	0.480	0.550	0.550	4.020	4.067	3.669	3.669	1.312	1.300	1.332	1.332	0.000	0.000	0.032	2.462
Philippines	4.030	4.080	4.100	4.100	3.105	3.186	3.114	3.114	8.135	8.450	8.300	8.300	0.000	0.000	-0.150	-1.775
Nigeria	1.650	1.650	1.660	1.660	2.020	2.121	2.209	2.209	2.000	2.100	2.200	2.200	0.000	0.000	0.100	4.762
Other Foreign	64.146	63.328	61.968	61.971	4.819	4.697	4.767	4.773	211.385	203.319	201.807	202.077	0.270	0.134	-1.242	-0.611
China	29.962	28.812	28.000	28.000	6.272	6.163	6.286	6.286	131.536	124.306	123.200	123.200	0.000	0.000	-1.106	-0.890
Burma	6.000	6.200	6.200	6.200	3.095	2.903	2.903	2.903	10.771	10.440	10.440	10.440	0.000	0.000	0.000	0.000
Bangladesh	10.887	11.000	10.900	10.900	3.457	3.478	3.578	3.578	25.086	25.500	26.000	26.000	0.000	0.000	0.500	1.961
Japan	1.770	1.706	1.700	1.683	6.702	6.636	6.545	6.591	8.636	8.242	8.100	8.075	-0.025	-0.309	-0.167	-2.026
South Korea	1.072	1.083	1.040	1.040	6.714	6.882	6.497	6.497	5.291	5.515	5.000	5.000	0.000	0.000	-0.515	-9.338
Egypt	0.655	0.563	0.600	0.600	9.313	9.769	9.743	9.743	3.965	3.575	3.800	3.800	0.000	0.000	0.225	6.294
Taiwan	0.340	0.338	0.300	0.310	5.606	5.178	5.813	5.997	1.342	1.245	1.197	1.276	0.079	6.600	0.031	2.490
FSU-12	0.353	0.304	0.333	0.333	3.227	3.243	3.342	3.342	0.740	0.641	0.724	0.724	0.000	0.000	0.083	12.949
Russia	0.175	0.154	0.155	0.155	3.349	3.227	3.206	3.206	0.381	0.323	0.323	0.323	0.000	0.000	0.000	0.000
Australia	0.186	0.151	0.120	0.120	9.468	8.616	8.750	8.750	1.259	0.930	0.751	0.751	0.000	0.000	-0.179	-19.247
Others	12.921	13.171	12.775	12.785	2.711	2.682	2.720	2.744	22.759	22.925	22.595	22.811	0.216	0.956	-0.114	-0.497

**TABLE 10**  
**Total Oilseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		From last month		From last year	
	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World Total 1	--	--	--	--	--	--	--	--	313.442	323.525	317.893	321.658	3.765	1.184	-1.867	-0.577
Total Foreign	--	--	--	--	--	--	--	--	228.551	233.693	235.958	238.932	2.974	1.260	5.239	2.242
Copra	--	--	--	--	--	--	--	--	5.900	5.255	5.299	5.299	0.000	0.000	0.044	0.837
Palm Kernel	--	--	--	--	--	--	--	--	6.911	7.151	7.402	7.402	0.000	0.000	0.251	3.510
Major Oilseed	174.849	177.621	176.086	176.799	1.719	1.752	1.733	1.748	300.631	311.119	305.192	308.957	3.765	1.234	-2.162	-0.695
United States	36.805	37.323	36.321	36.309	2.307	2.407	2.256	2.278	84.891	89.832	81.935	82.726	0.791	0.965	-7.106	-7.910
Foreign Oilseed	138.044	140.298	139.765	140.490	1.563	1.577	1.597	1.610	215.740	221.287	223.257	226.231	2.974	1.332	4.944	2.234
South America	30.457	33.621	35.891	36.681	2.545	2.504	2.527	2.542	77.519	84.186	90.694	93.244	2.550	2.812	9.058	10.760
Brazil	14.937	17.245	18.378	18.888	2.731	2.614	2.697	2.683	40.792	45.079	49.570	50.620	1.050	2.118	5.541	12.292
Argentina	12.917	13.763	14.720	15.020	2.441	2.481	2.409	2.461	31.530	34.140	35.465	36.965	1.500	4.230	2.825	8.275
Paraguay	1.670	1.600	1.730	1.730	2.219	2.013	2.243	2.243	3.705	3.220	3.880	3.880	0.000	0.000	0.660	20.497
China	26.937	27.401	26.650	27.150	1.898	1.905	1.897	1.901	51.132	52.194	50.550	51.624	1.074	2.125	-0.570	-1.092
India	29.696	30.701	29.250	29.250	0.701	0.783	0.753	0.753	20.825	24.050	22.025	22.025	0.000	0.000	-2.025	-8.420
European Union	5.805	5.848	5.552	5.527	2.442	2.380	2.448	2.455	14.176	13.916	13.589	13.571	-0.018	-0.132	-0.345	-2.479
France	2.014	1.924	1.750	1.750	2.775	2.474	2.834	2.834	5.589	4.760	4.960	4.960	0.000	0.000	0.200	4.202
Italy	0.555	0.566	0.406	0.406	2.382	2.339	2.547	2.547	1.322	1.324	1.034	1.034	0.000	0.000	-0.290	-21.903
Germany	1.105	1.164	1.325	1.325	3.304	3.622	2.945	2.945	3.651	4.216	3.902	3.902	0.000	0.000	-0.314	-7.448
Spain	0.960	0.970	0.913	0.868	1.061	1.062	1.135	1.090	1.019	1.030	1.036	0.946	-0.090	-8.687	-0.084	-8.155
United Kingdom	0.402	0.451	0.400	0.420	2.878	2.570	3.250	3.333	1.157	1.159	1.300	1.400	0.100	7.692	0.241	20.794
FSU-12	11.358	10.211	10.774	10.789	0.992	0.900	0.973	0.964	11.265	9.194	10.483	10.397	-0.086	-0.820	1.203	13.085
Russia	5.189	4.430	4.750	4.750	0.849	0.720	0.804	0.804	4.405	3.190	3.820	3.820	0.000	0.000	0.630	19.749
Ukraine	3.060	2.593	2.875	2.890	1.194	0.943	1.104	1.104	3.653	2.444	3.175	3.190	0.015	0.472	0.746	30.524
Uzbekistan	1.415	1.430	1.420	1.420	1.357	1.469	1.500	1.444	1.920	2.100	2.130	2.050	-0.080	-3.756	-0.050	-2.381
Turkmenistan	0.475	0.515	0.500	0.500	0.693	0.658	0.680	0.560	0.329	0.339	0.340	0.280	-0.060	-17.647	-0.059	-17.404
Canada	5.946	4.898	4.270	4.270	1.686	1.359	1.354	1.354	10.027	6.654	5.780	5.780	0.000	0.000	-0.874	-13.135
Indonesia	1.497	1.336	1.472	1.472	1.385	1.376	1.327	1.327	2.073	1.839	1.953	1.953	0.000	0.000	0.114	6.199
Pakistan	3.454	3.524	3.554	3.124	1.191	1.094	1.129	1.221	4.113	3.857	4.014	3.814	-0.200	-4.983	-0.043	-1.115
Eastern Europe	3.175	3.103	3.215	3.190	1.454	1.723	1.664	1.652	4.616	5.348	5.351	5.271	-0.080	-1.495	-0.077	-1.440
Poland	0.437	0.443	0.428	0.428	2.192	2.402	2.336	2.336	0.958	1.064	1.000	1.000	0.000	0.000	-0.064	-6.015
Romania	0.981	0.892	0.935	0.935	0.880	0.992	1.155	1.155	0.863	0.885	1.080	1.080	0.000	0.000	0.195	22.034
Hungary	0.447	0.474	0.536	0.536	1.602	1.937	1.741	1.741	0.716	0.918	0.933	0.933	0.000	0.000	0.015	1.634
Turkey	1.259	1.258	1.435	1.435	1.489	1.528	1.592	1.592	1.875	1.922	2.285	2.285	0.000	0.000	0.363	18.887
Philippines	0.028	0.028	0.028	0.028	1.000	1.000	1.000	1.000	0.028	0.028	0.028	0.028	0.000	0.000	0.000	0.000
Mexico	0.230	0.238	0.197	0.197	1.617	1.693	1.665	1.665	0.372	0.403	0.328	0.328	0.000	0.000	-0.075	-18.610
Others	18.202	18.131	17.477	17.377	0.973	0.976	0.926	0.916	17.719	17.696	16.177	15.911	-0.266	-1.644	-1.785	-10.087

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.

**TABLE 11**  
**Soybean Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		From last month	From last year		
	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.				
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	75.347	79.405	79.906	81.146	2.324	2.321	2.309	2.327	175.098	184.301	184.488	188.805	4.317	2.340	4.504	2.444
United States	29.303	29.532	29.056	29.056	2.561	2.664	2.486	2.519	75.055	78.672	72.225	73.202	0.977	1.353	-5.470	-6.953
Total Foreign	46.044	49.873	50.850	52.090	2.173	2.118	2.208	2.219	100.043	105.629	112.263	115.603	3.340	2.975	9.974	9.442
Major Exporter	25.684	29.170	30.950	31.750	2.738	2.626	2.672	2.683	70.320	76.600	82.700	85.200	2.500	3.023	8.600	11.227
Brazil	13.934	16.350	17.500	18.000	2.799	2.661	2.743	2.722	39.000	43.500	48.000	49.000	1.000	2.083	5.500	12.644
Argentina	10.400	11.400	12.000	12.300	2.673	2.632	2.583	2.642	27.800	30.000	31.000	32.500	1.500	4.839	2.500	8.333
Paraguay	1.350	1.420	1.450	1.450	2.607	2.183	2.552	2.552	3.520	3.100	3.700	3.700	0.000	0.000	0.600	19.355
Other Foreign	20.360	20.703	19.900	20.340	1.460	1.402	1.486	1.495	29.723	29.029	29.563	30.403	0.840	2.841	1.374	4.733
China	9.300	9.480	9.000	9.400	1.656	1.626	1.733	1.745	15.400	15.410	15.600	16.400	0.800	5.128	0.990	6.424
India	5.800	6.000	5.600	5.600	0.905	0.900	0.893	0.893	5.250	5.400	5.000	5.000	0.000	0.000	-4.400	-7.407
Canada	1.061	1.070	1.020	1.020	2.548	1.523	2.304	2.304	2.703	1.630	2.350	2.350	0.000	0.000	0.720	44.172
Indonesia	0.825	0.679	0.800	0.800	1.236	1.216	1.163	1.163	1.020	0.826	0.930	0.930	0.000	0.000	0.104	12.591
Eastern Europe	0.264	0.223	0.275	0.275	1.208	2.067	1.913	1.913	0.319	0.461	0.526	0.526	0.000	0.000	0.065	14.100
European Union	0.345	0.391	0.297	0.297	3.038	3.105	3.189	3.189	1.048	1.214	0.947	0.947	0.000	0.000	-0.267	-21.993
FSU-12	0.401	0.493	0.495	0.535	1.012	0.860	0.879	0.888	0.406	0.424	0.435	0.475	0.040	9.195	0.051	12.028
Russia	0.340	0.420	0.430	0.430	1.006	0.833	0.860	0.860	0.342	0.350	0.370	0.370	0.000	0.000	0.020	5.714
Ukraine	0.061	0.073	0.065	0.105	1.049	1.014	1.000	1.000	0.064	0.074	0.065	0.105	0.040	61.538	0.031	41.892
Mexico	0.070	0.077	0.076	0.076	1.471	1.558	1.671	1.671	0.103	0.120	0.127	0.127	0.000	0.000	0.007	5.833
Thailand	0.220	0.210	0.210	0.210	1.418	1.390	1.429	1.429	0.312	0.292	0.300	0.300	0.000	0.000	0.008	2.740
North Korea	0.310	0.310	0.315	0.315	1.129	1.129	1.143	1.143	0.350	0.350	0.360	0.360	0.000	0.000	0.010	2.857
Japan	0.123	0.144	0.150	0.150	1.911	1.882	1.867	1.867	0.235	0.271	0.280	0.280	0.000	0.000	0.009	3.321
Bolivia	0.600	0.640	0.680	0.680	1.717	1.938	1.912	1.912	1.030	1.240	1.300	1.300	0.000	0.000	0.060	4.839
South Korea	0.086	0.078	0.080	0.080	1.314	1.513	1.425	1.425	0.113	0.118	0.114	0.114	0.000	0.000	-0.004	-3.390
Colombia	0.023	0.025	0.025	0.025	2.696	2.320	2.320	2.320	0.062	0.058	0.058	0.058	0.000	0.000	0.000	0.000
Others	0.932	0.883	0.877	0.877	1.472	1.376	1.409	1.409	1.372	1.215	1.236	1.236	0.000	0.000	0.021	1.728

**TABLE 12**  
**Cottonseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		From last month	From last year		
	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.				
	Million hectares				Metric tons per hectare				Million metric tons							
World	31.429	32.955	30.610	30.158	1.067	1.111	1.090	1.102	33.526	36.602	33.370	33.223	-0.147	-0.441	-3.379	-9.232
United States	5.282	5.596	5.217	5.205	1.105	1.208	1.171	1.159	5.838	6.761	6.111	6.035	-0.076	-1.244	-0.726	-10.738
Total Foreign	26.147	27.359	25.393	24.953	1.059	1.091	1.073	1.090	27.688	29.841	27.259	27.188	-0.071	-0.260	-2.653	-8.890
China	4.058	4.820	4.100	4.200	1.962	1.983	1.988	2.006	7.960	9.560	8.150	8.424	0.274	3.362	-1.136	-11.883
FSU-12	2.407	2.493	2.439	2.439	1.123	1.228	1.217	1.175	2.704	3.062	2.968	2.867	-0.101	-3.403	-0.195	-6.368
Uzbekistan	1.415	1.430	1.420	1.420	1.357	1.469	1.500	1.444	1.920	2.100	2.130	2.050	-0.080	-3.756	-0.050	-2.381
Turkmenis	0.475	0.515	0.500	0.500	0.693	0.658	0.680	0.560	0.329	0.339	0.340	0.280	-0.060	-17.647	-0.059	-17.404
India	8.576	8.851	7.850	7.850	0.571	0.576	0.586	0.586	4.900	5.100	4.600	4.600	0.000	0.000	-0.500	-9.804
Pakistan	2.928	3.130	3.130	2.700	1.219	1.113	1.150	1.259	3.570	3.484	3.600	3.400	-0.200	-5.556	-0.084	-2.411
Brazil	0.853	0.750	0.730	0.720	1.784	1.747	1.781	1.875	1.522	1.310	1.300	1.350	0.050	3.846	0.040	3.053
Turkey	0.654	0.693	0.710	0.710	1.789	1.828	1.831	1.831	1.170	1.267	1.300	1.300	0.000	0.000	0.033	2.605
African Fran	1.955	2.335	2.235	2.235	0.621	0.730	0.643	0.636	1.214	1.704	1.436	1.422	-0.014	-0.975	-0.282	-16.549
Australia	0.505	0.420	0.280	0.280	2.103	2.305	2.286	2.286	1.062	0.968	0.640	0.640	0.000	0.000	-0.328	-33.884
Egypt	0.223	0.315	0.325	0.325	1.372	1.371	1.369	1.369	0.306	0.432	0.445	0.445	0.000	0.000	0.013	3.009
Argentina	0.380	0.165	0.220	0.220	0.750	0.667	0.682	0.682	0.285	0.110	0.150	0.150	0.000	0.000	0.040	36.364
Paraguay	0.300	0.150	0.250	0.250	0.517	0.533	0.560	0.560	0.155	0.080	0.140	0.140	0.000	0.000	0.060	75.000
Greece	0.410	0.410	0.380	0.380	1.573	1.617	1.487	1.413	0.645	0.663	0.565	0.537	-0.028	-4.956	-0.126	-19.005
Syria	0.270	0.260	0.180	0.180	2.737	2.712	3.056	3.056	0.739	0.705	0.550	0.550	0.000	0.000	-0.155	-21.986
Mexico	0.081	0.082	0.040	0.040	1.654	1.793	1.600	1.600	0.134	0.147	0.064	0.064	0.000	0.000	-0.083	-56.463
Iran	0.260	0.200	0.160	0.160	0.827	0.840	0.906	0.906	0.215	0.168	0.145	0.145	0.000	0.000	-0.023	-13.690
Sudan	0.235	0.150	0.180	0.180	0.740	0.940	1.056	1.056	0.174	0.141	0.190	0.190	0.000	0.000	0.049	34.752
Others	2.052	2.135	2.184	2.084	0.455	0.440	0.465	0.463	0.933	0.940	1.016	0.964	-0.052	-5.118	0.024	2.553

**TABLE 13**  
**Peanut Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production				
	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	Prel.	2000/01	2001/02	2002/03 Proj.	From last month	MMT	Percent	MMT	Percent
	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	From last year	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent	
World	22.644	22.760	22.507	22.507	1.374	1.455	1.415	1.410	31.120	33.109	31.837	31.727	-0.110	-0.346	-1.382	-4.174	
United States	0.541	0.571	0.551	0.551	2.738	3.398	3.089	2.889	1.481	1.940	1.702	1.592	-0.110	-6.463	-0.348	-17.938	
Total Foreign	22.103	22.189	21.956	21.956	1.341	1.405	1.373	1.373	29.639	31.169	30.135	30.135	0.000	0.000	-1.034	-3.317	
China	4.856	4.990	5.000	5.000	2.973	2.889	2.900	2.900	14.437	14.415	14.500	14.500	0.000	0.000	0.085	0.590	
India	8.100	8.200	8.100	8.100	0.704	0.927	0.827	0.827	5.700	7.600	6.700	6.700	0.000	0.000	-0.900	-11.842	
Indonesia	0.650	0.635	0.650	0.650	1.600	1.559	1.538	1.538	1.040	0.990	1.000	1.000	0.000	0.000	0.010	1.010	
Senegal	1.030	0.920	0.750	0.750	0.974	0.982	0.667	0.667	1.003	0.903	0.500	0.500	0.000	0.000	-0.403	-44.629	
Burma	0.530	0.530	0.530	0.530	1.208	1.208	1.208	1.208	0.640	0.640	0.640	0.640	0.000	0.000	0.000	0.000	
Sudan	0.550	0.550	0.550	0.550	0.673	0.673	0.673	0.673	0.370	0.370	0.370	0.370	0.000	0.000	0.000	0.000	
Zaire	0.491	0.491	0.500	0.500	0.778	0.778	0.780	0.780	0.382	0.382	0.390	0.390	0.000	0.000	0.008	2.094	
Argentina	0.251	0.218	0.200	0.200	1.574	1.514	1.575	1.575	0.395	0.330	0.315	0.315	0.000	0.000	-0.015	-4.545	
Nigeria	1.210	1.220	1.230	1.230	1.215	1.221	1.228	1.228	1.470	1.490	1.510	1.510	0.000	0.000	0.020	1.342	
Vietnam	0.244	0.270	0.270	0.270	1.447	1.307	1.370	1.370	0.353	0.353	0.370	0.370	0.000	0.000	0.017	4.816	
South Africa	0.160	0.092	0.065	0.065	1.163	1.304	1.538	1.538	0.186	0.120	0.100	0.100	0.000	0.000	-0.020	-16.667	
Thailand	0.090	0.090	0.095	0.095	1.500	1.500	1.421	1.421	0.135	0.135	0.135	0.135	0.000	0.000	0.000	0.000	
Burkina Faso	0.215	0.215	0.215	0.215	0.953	0.953	0.953	0.953	0.205	0.205	0.205	0.205	0.000	0.000	0.000	0.000	
Brazil	0.102	0.097	0.100	0.100	1.922	2.010	1.950	1.950	0.196	0.195	0.195	0.195	0.000	0.000	0.000	0.000	
Central Afric	0.100	0.100	0.100	0.100	1.160	1.220	1.220	1.220	0.116	0.122	0.122	0.122	0.000	0.000	0.000	0.000	
Cameroon	0.320	0.320	0.320	0.320	0.297	0.313	0.313	0.313	0.095	0.100	0.100	0.100	0.000	0.000	0.000	0.000	
Cote d'Ivoire	0.145	0.145	0.145	0.145	1.000	1.000	1.000	1.000	0.145	0.145	0.145	0.145	0.000	0.000	0.000	0.000	
Mexico	0.078	0.078	0.080	0.080	1.718	1.731	1.700	1.700	0.134	0.135	0.136	0.136	0.000	0.000	0.001	0.741	
Gambia	0.118	0.131	0.131	0.131	1.169	1.168	1.168	1.168	0.138	0.153	0.153	0.153	0.000	0.000	0.000	0.000	
Others	2.863	2.897	2.925	2.925	0.873	0.824	0.871	0.871	2.499	2.386	2.549	2.549	0.000	0.000	0.163	6.832	

**TABLE 14**  
**Sunflowerseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		From last month		From last year	
	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	20.322	19.145	20.392	20.347	1.146	1.110	1.144	1.142	23.290	21.246	23.332	23.242	-0.090	-0.386	1.996	9.395
United States	1.071	1.034	0.939	0.939	1.501	1.500	1.252	1.252	1.608	1.551	1.176	1.176	0.000	0.000	-0.375	-24.178
Total Foreign	19.251	18.111	19.453	19.408	1.126	1.087	1.139	1.137	21.682	19.695	22.156	22.066	-0.090	-0.406	2.371	12.039
FSU-12	7.953	6.675	7.280	7.280	0.975	0.800	0.919	0.919	7.757	5.338	6.690	6.690	0.000	0.000	1.352	25.328
Russia	4.629	3.800	4.100	4.100	0.846	0.711	0.805	0.805	3.915	2.700	3.300	3.300	0.000	0.000	0.600	22.222
Ukraine	2.842	2.400	2.700	2.700	1.216	0.938	1.111	1.111	3.457	2.250	3.000	3.000	0.000	0.000	0.750	33.333
Argentina	1.886	1.980	2.300	2.300	1.617	1.869	1.739	1.739	3.050	3.700	4.000	4.000	0.000	0.000	0.300	8.108
European Union	1.915	1.930	1.709	1.664	1.729	1.560	1.660	1.651	3.311	3.011	2.837	2.747	-0.090	-3.172	-0.264	-8.768
France	0.710	0.709	0.630	0.630	2.554	2.227	2.381	2.381	1.813	1.579	1.500	1.500	0.000	0.000	-0.079	-5.003
Spain	0.835	0.850	0.805	0.760	1.016	1.025	1.106	1.053	0.848	0.871	0.890	0.800	-0.090	-10.112	-0.071	-8.152
Italy	0.262	0.261	0.170	0.170	1.832	1.525	1.765	1.765	0.480	0.398	0.300	0.300	0.000	0.000	-0.098	-24.623
Eastern Europe	1.854	1.822	1.887	1.887	1.132	1.279	1.362	1.362	2.099	2.331	2.570	2.570	0.000	0.000	0.239	10.253
Hungary	0.300	0.337	0.390	0.390	1.667	1.961	1.795	1.795	0.500	0.661	0.700	0.700	0.000	0.000	0.039	5.900
Romania	0.822	0.790	0.800	0.800	0.872	0.942	1.125	1.125	0.717	0.744	0.900	0.900	0.000	0.000	0.156	20.968
Yugoslavia	0.146	0.170	0.170	0.170	1.479	1.647	1.647	1.647	0.216	0.280	0.280	0.280	0.000	0.000	0.000	0.000
Bulgaria	0.450	0.398	0.400	0.400	0.933	0.985	1.125	1.125	0.420	0.392	0.450	0.450	0.000	0.000	0.058	14.796
Czech Republic	0.031	0.030	0.030	0.030	2.097	2.167	2.167	2.167	0.065	0.065	0.065	0.065	0.000	0.000	0.000	0.000
China	1.229	1.016	1.150	1.150	1.590	1.455	1.565	1.565	1.954	1.478	1.800	1.800	0.000	0.000	0.322	21.786
India	2.200	2.400	2.700	2.700	0.568	0.604	0.602	0.602	1.250	1.450	1.625	1.625	0.000	0.000	0.175	12.069
Turkey	0.540	0.510	0.650	0.650	1.065	1.020	1.262	1.262	0.575	0.520	0.820	0.820	0.000	0.000	0.300	57.692
South Africa	0.520	0.645	0.600	0.600	1.277	1.302	1.250	1.250	0.664	0.840	0.750	0.750	0.000	0.000	-0.090	-10.714
Australia	0.069	0.065	0.075	0.075	1.014	0.969	1.067	1.067	0.070	0.063	0.080	0.080	0.000	0.000	0.017	26.984
Burma	0.440	0.440	0.440	0.440	0.614	0.614	0.614	0.614	0.270	0.270	0.270	0.270	0.000	0.000	0.000	0.000
Others	0.645	0.628	0.662	0.662	1.057	1.105	1.079	1.079	0.682	0.694	0.714	0.714	0.000	0.000	0.020	2.882

**TABLE 15**  
**Rapeseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel. 2000/01	2001/02	2002/03 Proj. Oct.	Nov.	Prel. 2000/01	2001/02	2002/03 Proj. Oct.	Nov.	Prel. 2000/01	2001/02	2002/03 Proj. Oct.	Nov.	From last month	MMT	Percent	MMT
	Million hectares				Metric tons per hectare				Million metric tons							
World	25.107	23.356	22.671	22.641	1.497	1.535	1.419	1.412	37.597	35.861	32.165	31.960	-0.205	-0.637	-3.901	-10.878
United States	0.608	0.590	0.558	0.558	1.495	1.539	1.292	1.292	0.909	0.908	0.721	0.721	0.000	0.000	-0.187	-20.595
Total Foreign	24.499	22.766	22.113	22.083	1.498	1.535	1.422	1.415	36.688	34.953	31.444	31.239	-0.205	-0.652	-3.714	-10.626
India	5.020	5.250	5.000	5.000	0.742	0.857	0.820	0.820	3.725	4.500	4.100	4.100	0.000	0.000	-0.400	-8.889
China	7.494	7.095	7.400	7.400	1.519	1.597	1.419	1.419	11.381	11.331	10.500	10.500	0.000	0.000	-0.831	-7.334
Canada	4.816	3.765	3.160	3.160	1.496	1.308	1.044	1.044	7.205	4.926	3.300	3.300	0.000	0.000	-1.626	-33.009
European Union	3.043	3.025	3.079	3.099	2.976	2.946	2.965	2.978	9.056	8.912	9.128	9.228	0.100	1.096	0.316	3.546
France	1.225	1.096	1.040	1.040	2.913	2.637	3.125	3.125	3.569	2.890	3.250	3.250	0.000	0.000	0.360	12.457
Germany	1.078	1.138	1.300	1.300	3.326	3.656	2.962	2.962	3.585	4.160	3.850	3.850	0.000	0.000	-0.310	-7.452
United Kingdom	0.402	0.451	0.400	0.420	2.878	2.570	3.250	3.333	1.157	1.159	1.300	1.400	0.100	7.692	0.241	20.794
Denmark	0.099	0.079	0.085	0.085	2.949	2.684	2.647	2.647	0.292	0.212	0.225	0.225	0.000	0.000	0.013	6.132
Sweden	0.045	0.044	0.065	0.065	2.556	2.545	2.538	2.538	0.115	0.112	0.165	0.165	0.000	0.000	0.053	47.321
Eastern Europe	1.057	1.058	1.053	1.028	2.079	2.416	2.142	2.116	2.198	2.556	2.255	2.175	-0.080	-3.548	-0.381	-14.906
Poland	0.437	0.443	0.428	0.428	2.192	2.402	2.336	2.336	0.958	1.064	1.000	1.000	0.000	0.000	-0.064	-6.015
Czech Rep.	0.335	0.340	0.335	0.310	2.519	2.862	2.388	2.323	0.844	0.973	0.800	0.720	-0.080	-10.000	-0.253	-26.002
Australia	1.562	1.160	1.000	1.000	1.220	1.379	1.000	0.800	1.905	1.600	1.000	0.800	-0.200	-20.000	-0.800	-50.000
FSU-12	0.597	0.550	0.560	0.535	0.667	0.673	0.696	0.682	0.398	0.370	0.390	0.365	-0.025	-6.410	-0.005	-1.351
Russia	0.220	0.210	0.220	0.220	0.673	0.667	0.682	0.682	0.148	0.140	0.150	0.150	0.000	0.000	0.010	7.143
Pakistan	0.328	0.272	0.270	0.270	0.905	0.849	0.852	0.852	0.297	0.231	0.230	0.230	0.000	0.000	-0.001	-0.433
Bangladesh	0.329	0.347	0.340	0.340	0.757	0.749	0.765	0.765	0.249	0.260	0.260	0.260	0.000	0.000	0.000	0.000
Others	0.253	0.244	0.251	0.251	1.083	1.094	1.120	1.120	0.274	0.267	0.281	0.281	0.000	0.000	0.014	5.243

**TABLE 16**  
**Copra, Palm Kernel, and Palm Oil Production**  
**World and Selected Countries and Regions**

Country/Region	Production				Change in Production			
	Prel.	2000/01	2001/02	2002/03 Proj.	Oct.	Nov.	From last month	From last year
							MMT	Percent
Million metric tons								
<b>COPRA</b>								
World	5.900	5.255	5.299	5.299	0.000	0.000	0.044	0.837
Philippines	2.800	2.150	2.100	2.100	0.000	0.000	-0.050	-2.326
Indonesia	1.360	1.360	1.420	1.420	0.000	0.000	0.060	4.412
India	0.725	0.725	0.750	0.750	0.000	0.000	0.025	3.448
Mexico	0.160	0.165	0.175	0.175	0.000	0.000	0.010	6.061
Sri Lanka	0.054	0.054	0.054	0.054	0.000	0.000	0.000	0.000
Vietnam	0.240	0.240	0.240	0.240	0.000	0.000	0.000	0.000
Malaysia	0.013	0.013	0.012	0.012	0.000	0.000	-0.001	-7.692
Others	0.548	0.548	0.548	0.548	0.000	0.000	0.000	0.000
<b>PALM KERNEL</b>								
World	6.911	7.151	7.402	7.402	0.000	0.000	0.251	3.510
Malaysia	3.412	3.297	3.420	3.420	0.000	0.000	0.123	3.731
Indonesia	2.320	2.590	2.711	2.711	0.000	0.000	0.121	4.672
Nigeria	0.320	0.350	0.360	0.360	0.000	0.000	0.010	2.857
Cote d'Ivoire	0.052	0.057	0.058	0.058	0.000	0.000	0.001	1.754
Colombia	0.121	0.118	0.125	0.125	0.000	0.000	0.007	5.932
Thailand	0.116	0.156	0.130	0.130	0.000	0.000	-0.026	-16.667
Zaire	0.042	0.045	0.047	0.047	0.000	0.000	0.002	4.444
Ecuador	0.042	0.051	0.054	0.054	0.000	0.000	0.003	5.882
Others	0.486	0.487	0.497	0.497	0.000	0.000	0.010	2.053
<b>PALM OIL</b>								
World	23.930	25.041	25.371	25.371	0.000	0.000	0.330	1.318
Malaysia	11.937	11.858	11.800	11.800	0.000	0.000	-0.058	-0.489
Indonesia	7.900	8.800	9.200	9.200	0.000	0.000	0.400	4.545
Nigeria	0.730	0.760	0.780	0.780	0.000	0.000	0.020	2.632
Cote d'Ivoire	0.248	0.270	0.275	0.275	0.000	0.000	0.005	1.852
Colombia	0.560	0.520	0.560	0.560	0.000	0.000	0.040	7.692
Thailand	0.580	0.780	0.650	0.650	0.000	0.000	-0.130	-16.667
Zaire	0.155	0.157	0.160	0.160	0.000	0.000	0.003	1.911
Ecuador	0.245	0.300	0.320	0.320	0.000	0.000	0.020	6.667
Others	1.575	1.596	1.626	1.626	0.000	0.000	0.030	1.880

**TABLE 17**  
**Cotton Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change In Production			
	Prel.	2002/03 Proj.	Prel.	2002/03 Proj.	Prel.	2002/03 Proj.	Prel.	2002/03 Proj.	From last month	From last year						
	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	2000/01	2001/02	Oct.	Nov.	MBales	Percent	MBales	Percent
	Million hectares				Kilograms per hectare				Million 480 lb. bales							
World	32.404	34.033	31.635	31.225	596	629	609	615	88.744	98.369	88.504	88.139	-0.365	-0.412	-10.230	-10.400
United States	5.282	5.596	5.205	5.205	708	790	756	745	17.188	20.303	18.070	17.815	-0.255	-1.411	-2.488	-12.254
Total Foreign	27.122	28.437	26.430	26.020	574	598	580	588	71.556	78.066	70.434	70.324	-0.110	-0.156	-7.742	-9.917
Major Exporters	14.593	15.528	14.736	14.376	778	806	769	790	52.162	57.474	52.020	52.170	0.150	0.288	-5.304	-9.229
China	4.058	4.820	4.100	4.200	1,089	1,102	1,089	1,115	20.300	24.400	20.500	21.500	1.000	4.878	-2.900	-11.885
Pakistan	2.928	3.130	3.130	2.700	610	577	570	629	8.200	8.300	8.200	7.800	-0.400	-4.878	-0.500	-6.024
Sudan	0.235	0.150	0.180	0.180	315	399	454	454	0.340	0.275	0.375	0.375	0.000	0.000	0.100	36.364
Turkey	0.654	0.693	0.710	0.710	1,198	1,249	1,257	1,257	3.600	3.975	4.100	4.100	0.000	0.000	0.125	3.145
FSU-12	2.407	2.493	2.439	2.439	578	642	627	605	6.385	7.350	7.025	6.775	-0.250	-3.559	-0.575	-7.823
Uzbekistan	1.415	1.430	1.420	1.420	677	746	751	721	4.400	4.900	4.900	4.700	-0.200	-4.082	-0.200	-4.082
Turkmenistan	0.475	0.515	0.500	0.500	378	359	370	305	0.825	0.850	0.850	0.700	-0.150	-17.647	-0.150	-17.647
Other	0.517	0.548	0.519	0.519	489	636	535	577	1.160	1.600	1.275	1.375	0.100	7.843	-0.225	-14.063
Egypt	0.223	0.315	0.325	0.325	898	996	921	921	0.920	1.441	1.375	1.375	0.000	0.000	-0.066	-4.580
African Franc Zone	2.050	2.442	2.352	2.352	342	401	363	354	3.220	4.495	3.920	3.820	-0.100	-2.551	-0.675	-15.017
Southern Hemisphere	0.038	1.485	1.500	1.470	983	1,061	947	952	9.197	7.238	6.525	6.425	-0.100	-1.533	-0.813	-11.232
Argentina	0.380	0.165	0.220	0.220	421	396	421	421	0.735	0.300	0.425	0.425	0.000	0.000	0.125	41.667
Australia	0.505	0.420	0.280	0.280	1,595	1,659	1,555	1,555	3.700	3.200	2.000	2.000	0.000	0.000	-1.200	-37.500
Brazil	0.853	0.750	0.750	0.720	1,101	1,021	1,074	1,089	4.312	3.518	3.700	3.600	-0.100	-2.703	0.082	2.331
Paraguay	0.300	0.150	0.250	0.250	327	319	348	348	0.450	0.220	0.400	0.400	0.000	0.000	0.180	81.818
Major Importers	0.556	0.590	0.526	0.526	1,001	1,024	1,024	941	2.557	2.774	2.474	2.274	-0.200	-8.084	-0.500	-18.025
Other Foreign	11.973	12.319	11.168	11.118	306	315	311	311	16.837	17.818	15.940	15.880	-0.060	-0.376	-1.938	-10.877
India	8.576	8.851	7.850	7.850	278	303	302	302	10.931	12.300	10.900	10.900	0.000	0.000	-1.400	-11.382
Others	3.397	3.468	3.318	3.268	379	346	331	332	5.906	5.518	5.040	4.980	-0.060	-1.190	-0.538	-9.750

November 2002

Production Estimates and Crop Assessment Division, FAS, USDA

**TABLE 18**

The table below presents a 21-year record of the differences between the November projection and the final estimate. Using world wheat production as an example, changes between the November projection and the final estimate have averaged 5.0 million tons (1.0 percent) and ranged from -18.1 to 7.2 million tons. The November projection has been below the final 14 times and above the final 7 times.

**RELIABILITY OF PRODUCTION PROJECTIONS**

COMMODITY AND REGION	PROJECTION AND FINAL ESTIMATES, 1981/82 - 2001/02 1/					
	Difference		Lowest	Highest	Below Final	Above Final
	Average	Average	Difference			
<b>WHEAT</b>	Percent	---Million metric tons---			Number of years 2/	
World	1.0	5.0	-18.1	7.2	14	7
U.S.	0.3	0.2	-1.2	0.5	10	9
Foreign	1.1	5.0	-18.2	7.4	14	7
<b>COARSE GRAINS 3/</b>						
World	1.0	7.8	-20.8	7.8	14	7
U.S.	1.1	2.3	-7.5	5.8	12	9
Foreign	1.2	7.3	-18.1	6.0	14	7
<b>RICE (Milled)</b>						
World	1.9	6.6	-16.8	1.9	19	2
U.S.	2.9	0.2	-0.3	0.5	10	10
Foreign	2.0	6.5	-16.9	1.7	19	2
<b>SOYBEANS</b>						
World	2.5	3.0	-7.0	3.6	13	8
U.S.	1.8	1.0	-2.7	2.1	6	15
Foreign	4.4	2.8	-7.9	3.4	14	7
<b>COTTON</b>		---Million 480-lb. bales---				
World	2.6	2.1	-6.5	5.8	14	7
U.S.	2.4	0.4	-0.8	0.9	12	8
Foreign	3.1	2.1	-6.8	5.6	12	9
<b>UNITED STATES</b>		-----Million bushels-----				
CORN	1.1	80	-250	159	11	9
SORGHUM	2.3	16	-53	52	10	11
BARLEY	1.2	6	-12	24	8	10
OATS	0.9	3	-18	16	7	7

1/ The final estimate for 1981/82-2000/01 is defined as the first November estimate following the marketing year.

2/ May not total 21 if projection was the same as the final.

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