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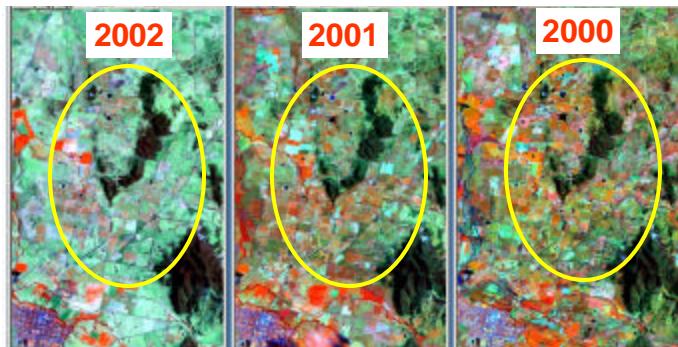
# World Agricultural Production

## Forecast Australian Summer and Winter Crops Drop as Drought Deepens

Australian summer crop plantings of cotton, rice, and sorghum in 2002/03 are sharply reduced from last year. Rainfall in major summer crop regions is well below average for the October-November period, forcing farmers to slash crop sown in dryland areas. The lack of rainfall has reduced water availability in the major catchment's area of the Murray Darling Basin, reducing the area that farmers could irrigate. The lack of rainfall during the past winter months has decreased yields further than previously projected for harvested winter wheat and canola.

(Continued, next page)

### Australia Summer Crop Development Lags *Vegetation, Colored Red, is Missing From Satellite Imagery of Sorghum Fields in North New South Wales in 2002*



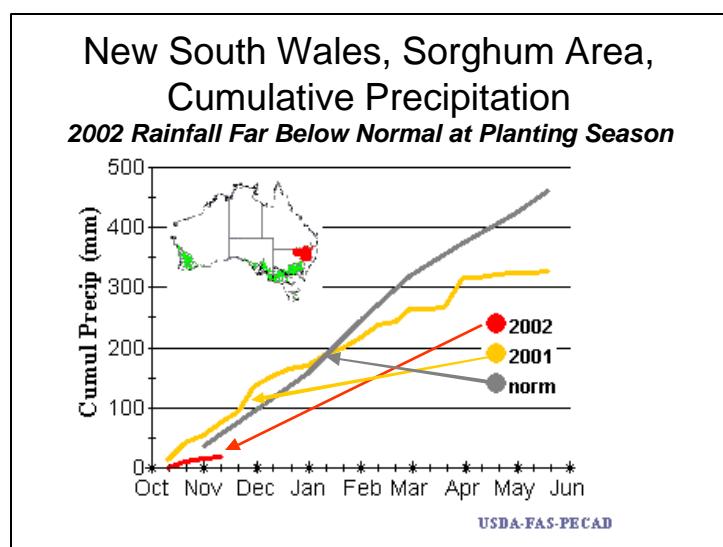
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## Forecast Australian Summer and Winter Crops Drop as Drought Deepens (continued)

Australian cotton production is forecast at 1.5 million bales, down 0.5 million or 25 percent from last month, and down 53 percent from last year's crop. This is the lowest production since 1995/96, when output was 2.0 million. Harvested area is estimated at 225,000 hectares, down 55,000 or 20 percent from last month, and down 46 percent from last year's level. This is the lowest area since 1994/95, when area was 222,000 hectares with irrigated at 186,000 and dryland area at 36,000, with production at 1.6 million bales. During the April/October period, rainfall was 47 percent of normal in Northern New South Wales (NSW) and 53 percent of normal in East-Central Queensland. With drought conditions throughout the cotton belt, irrigation allocations have been reduced sharply for planting operations, which are wrapping up for the season. Irrigated area is estimated to fall by nearly 178,000 hectares from last year, to 210,000 in 2002/03, due to reduced water allocations. With dry conditions throughout the cotton region, dryland area is forecast at 15,000 hectares, down from the 5-year average of 75,000.

Australian milled rice production is forecast at 315,000 metric tons, down 436,000 or 58 percent from last month, and down 615,000 tons or 66 percent from last year. Area is forecast at only 50,000 hectares, down 70,000 or 58 percent from last month, and down 101,000 hectares from last year, as reduced water availability in the southern irrigation areas has resulted in severe curtailment of area planted to rice.



The 2002/03 Australian sorghum crop is forecast at 1.0 million tons, down 1.2 million or 55 percent from last month, and down 777,000 tons or 44 percent from last year. Area is forecast at 500,000 hectares, down 350,000 or 41 percent from last month, and down 273,000 hectares or 35 percent from last year. Queensland and northern New South Wales summer crop farmers are poised to plant a large sorghum crop in response to high prices, increasing cash flow, and as alternative to more input intensive cotton. The only limiting

factor is precipitation. Significant declines in both area and yield are anticipated due to insufficient moisture to plant sorghum. The soil moisture reserves in large portions of summer crop area have been depleted so severely that most crops will depend entirely on rains received, rather than on stored soil moisture. Delayed sowing, shorter season varieties, and water stress will lower yields.

The 2002/03 Australian wheat crop is forecast at 10.5 million tons, down 0.5 million or 5 percent from last month, and down 13.5 million or 56 percent from last year. Area is forecast at 10.3 million hectares, unchanged from last month, but down 2.2 million or 18 percent from last year.

Though only a small portion of the total crop, a greater percentage of wheat fields were cut for hay this season. The dramatic rise in domestic feed prices combined with the prospect of continued dry conditions during grainfill led many farmers to harvest hay rather than grain. Production also is revised downward due to poor finishing conditions. The effect of recent frosts and high winds are now evident as harvest reveals shriveled grain and lower weights.

The 2002/03 Australian canola crop is forecast at 0.7 million tons, down 0.1 million or 13 percent from last month and down 0.9 million or 56 percent from last year. Area is forecast at 1.0 million hectares, unchanged from last month, but down 0.2 million or 14 percent from last year. Persistent dryness during the Australian winter crop season has reduced yield potential in all growing areas. With the exception of Western Australia, post-harvest testing indicates the oil content will be lower than in previous seasons in the producing states of South Australia, New South Wales, and Victoria. This year Western Australia, least affected by drought, will produce the largest share of Australian canola, with approximately 0.3 million tons.

### **China's 2002/03 Rice Production Drops to Excessive Rains and Government Programs**

China's 2002/03 milled rice output is estimated at 121.8 million tons (174.0 million tons, rough basis), down 1.4 million or 1 percent from last month, and down 2 percent from last year. Planted area dropped 2.5 percent from last year to an estimated 28.1 million hectares in 2002/03, the lowest in nearly 40 years. Early and late rice area has been dropping for several years due in part to government incentives to cut excess stocks of low-quality rice, and encourage the production of high value crops. The estimated 2002/03 paddy yield of 6.19 tons per hectare is slightly higher than last year but below the 5-year average. Early rice yields were reportedly close to normal. However, middle and late yields were expected to be lower than normal, due to excessive rainfall and localized flooding in central and southern China this summer.

### **Indonesian Palm Oil Production for 2002/03 Forecast Higher Due to Increased Yields**

Indonesian palm oil production for 2002/03 is estimated at 9.5 million tons, up 300,000 tons or 3 percent from last month and up 4 percent from last year. Also this month, the production estimate for 2001/02 was raised 300,000 tons to 9.1 million, while the 2000/01 estimate was increased by 400,000 tons to 8.3 million. All revisions were based on higher estimated yields. Aggressive investment over the past few years has rapidly expanded palm oil area and improved yields as well.

### **Iranian 2002/03 Wheat Harvest Highest in Four Years Due to Near-Normal Rainfall**

Iranian wheat production for 2002/03 is estimated at 11.0 million tons, up 0.5 million or 5 percent from last month and up 2.5 million or 29 percent from last year. Increased production is largely attributable to favorable weather during the growing season and increased yields. In many of the wheat growing areas, seasonal rainfall totals reached near-normal to above-normal levels after three years of drought. In addition, guaranteed prices encouraged farmers to raise domestic production as part of a government plan to move toward self-sufficiency in wheat.

## **Canadian 2002/03 Field Crops Estimates Generally Higher Despite Large Abandonment**

Based on Statistics Canada's "November Estimate of Production of Principal Field Crops," USDA raises its 2002/03 wheat estimate 0.2 million tons to 15.7 million. Barley is estimated lower at 7.3 million tons, down 0.4 million from last month. Corn is estimated at 9.1 million tons, up 0.8 million from last month. Rapeseed is estimated at 3.6 million tons, up 0.3 million from last month. Relative to Statistics Canada's September estimates, it has become more clear the extent to which abandonment of crops occurred this season. Harvested area estimates are decreased for wheat, barley, and rapeseed this month while yields for the same crops are increased. Yields for wheat and rapeseed were increased enough so that total production is estimated higher.

## **Argentine 2002/03 Wheat Production Declines Due to Heavy Rains**

Argentina's 2002/03 wheat production is estimated at 13.5 million tons, down 0.5 million tons or 4 percent from last month, and 13 percent lower than last year's output of 15.5 million. Wheat area is estimated at 5.9 million hectares, down 0.1 million or 2 percent from last month and down 13 percent from last year's area of 6.8 million. Yields are forecast at 2.29 tons per hectare, similar to the 10-year average. Heavy rains in November in southern Buenos Aires Province have flooded some wheat area and increased the amount of crop loss. Wheat yields are expected similar to last year's crop, but below the level of two years ago. Fewer inputs were used for this year's crop due to the economic uncertainty.

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-393), December 10, 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 January 10, 2003.

### **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 |
|--------|---|---------------|

#### Metric tons to hundredweight

|      |   |               |
|------|---|---------------|
| Rice | = | MT * 22.04622 |
|------|---|---------------|

#### 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 | EU-15  | Oth. W. Europe | Eastern Europe |        | China | India | Indonesia | Pakistan | Thailand | Argentina     | Brazil | Australia      | South Africa | Turkey |            |
| ---Million metric tons---     |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| <b>Wheat</b>                  |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| 2000/01                       | 584.0   | 523.2         | 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   | 36.4       |
| 2001/02 prel.                 | 579.5   | 526.2         | 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   | 41.5       |
| <b>2002/03 proj.</b>          |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| Nov.                          | 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       |
| Dec.                          | 568.7   | 524.7         | 44.0          | 15.7   | 3.2    | 103.7  | 0.9            | 30.8           | 95.8   | 92.0  | 72.0  | 0.0       | 19.5     | 0.0      | 13.5          | 3.1    | 10.5           | 2.3          | 18.5   | 43.4       |
| <b>Coarse Grains</b>          |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| 2000/01                       | 859.8   | 586.7         | 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   | 93.6       |
| 2001/02 prel.                 | 887.5   | 625.6         | 261.9         | 22.4   | 27.2   | 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    | 100.4      |
| <b>2002/03 proj.</b>          |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| Nov.                          | 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      |
| Dec.                          | 860.9   | 615.7         | 245.2         | 19.6   | 25.4   | 105.4  | 1.7            | 49.2           | 60.8   | 132.9 | 27.5  | 6.1       | 1.9      | 4.1      | 17.2          | 36.2   | 5.6            | 9.9          | 10.3   | 102.0      |
| <b>Rice (Milled)</b>          |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| 2000/01                       | 397.8   | 391.8         | 5.9           | 0.0    | 0.2    | 1.6    | 0.0            | 0.0            | 0.7    | 131.5 | 84.9  | 32.8      | 4.7      | 16.9     | 0.6           | 7.1    | 1.3            | 0.0          | 0.2    | 109.4      |
| 2001/02 prel.                 | 397.3   | 390.6         | 6.7           | 0.0    | 0.2    | 1.6    | 0.0            | 0.0            | 0.6    | 124.3 | 91.6  | 33.0      | 3.9      | 16.5     | 0.4           | 7.2    | 0.9            | 0.0          | 0.2    | 110.2      |
| <b>2002/03 proj.</b>          |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| Nov.                          | 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      |
| Dec.                          | 380.3   | 373.7         | 6.6           | 0.0    | 0.2    | 1.8    | 0.0            | 0.0            | 0.7    | 121.8 | 78.0  | 32.8      | 3.9      | 16.5     | 0.5           | 7.2    | 0.3            | 0.0          | 0.3    | 109.7      |
| <b>Total Grains 1/</b>        |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| 2000/01                       | 1,841.6 | 1,501.7       | 339.8         | 50.8   | 28.1   | 213.5  | 2.5            | 65.9           | 113.2  | 345.1 | 192.9 | 38.7      | 27.6     | 21.8     | 36.4          | 51.4   | 35.9           | 10.2         | 28.3   | 239.4      |
| 2001/02 prel.                 | 1,864.2 | 1,542.5       | 321.8         | 43.0   | 30.6   | 199.1  | 2.3            | 86.5           | 154.2  | 340.1 | 195.0 | 39.0      | 24.7     | 21.2     | 34.4          | 47.1   | 36.0           | 12.0         | 25.2   | 252.1      |
| <b>2002/03 proj.</b>          |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| Nov.                          | 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      |
| Dec.                          | 1,809.9 | 1,514.1       | 295.9         | 35.3   | 28.7   | 210.9  | 2.6            | 80.0           | 157.3  | 346.7 | 177.5 | 38.9      | 25.2     | 20.6     | 31.3          | 46.4   | 16.4           | 12.2         | 29.1   | 255.0      |
| <b>Oilseeds 2/</b>            |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| 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       |
| <b>2002/03 proj.</b>          |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| Nov.                          | 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       |
| Dec.                          | 321.7   | 239.1         | 82.6          | 6.1    | 0.3    | 13.6   | 0.1            | 5.3            | 10.4   | 51.6  | 22.2  | 2.0       | 3.8      | 0.4      | 36.9          | 50.6   | 1.4            | 1.1          | 2.3    | 31.1       |
| ---Million 480 pound bales--- |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| <b>Cotton</b>                 |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| 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    | 78.0          | 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       |
| <b>2002/03 proj.</b>          |         |               |               |        |        |        |                |                |        |       |       |           |          |          |               |        |                |              |        |            |
| Nov.                          | 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       |
| Dec.                          | 87.4    | 70.0          | 17.4          | 0.0    | 0.2    | 2.1    | 0.0            | 0.0            | 6.8    | 21.5  | 11.2  | 0.1       | 7.8      | 0.0      | 0.3           | 3.6    | 1.5            | 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.   |         | 2002/03 Proj. |                                | Prel.   |         | 2002/03 Proj. |                            | Prel.      |         | 2002/03 Proj. |   | From last month      | From last year |        |        |
|                         | 2000/01 | 2001/02 | Nov.          | Dec.                           | 2000/01 | 2001/02 | Nov.          | Dec.                       | 2000/01    | 2001/02 | Nov.          | Dec.  |                      |                |        |        |
| <b>Million hectares</b> |         |         |               | <b>Metric tons per hectare</b> |         |         |               | <b>Million metric tons</b> |            |         |               | <b>MMT</b> <b>Percent</b> <b>MMT</b> <b>Percent</b> |                      |                |        |        |
| World                   | 219.28  | 215.49  | 213.74        | 213.22                         | 2.66    | 2.69    | 2.66          | 2.67                       | 584.00     | 579.47  | 569.34        | 568.72  | -0.62                | -0.11          | -10.75 | -1.86  |
| United States           | 21.50   | 19.68   | 18.54         | 18.54                          | 2.83    | 2.71    | 2.37          | 2.37                       | 60.76      | 53.26   | 43.99         | 43.99   | 0.00                 | 0.00           | -9.27  | -17.40 |
| Total Foreign           | 197.78  | 195.81  | 195.20        | 194.68                         | 2.65    | 2.69    | 2.69          | 2.70                       | 523.24     | 526.21  | 525.35        | 524.73  | -0.62                | -0.12          | -1.48  | -0.28  |
| Major Exporters         | 48.19   | 46.41   | 42.98         | 42.61                          | 3.56    | 3.27    | 3.35          | 3.37                       | 171.58     | 151.79  | 144.00        | 143.40  | -0.60                | -0.42          | -8.39  | -5.53  |
| European Union          | 17.82   | 16.52   | 17.78         | 17.81                          | 5.88    | 5.55    | 5.82          | 5.82                       | 104.78     | 91.73   | 103.50        | 103.70  | 0.20                 | 0.19           | 11.98  | 13.06  |
| France                  | 5.27    | 4.78    | 5.22          | 5.22                           | 7.13    | 6.59    | 7.47          | 7.47                       | 37.56      | 31.50   | 39.00         | 39.00   | 0.00                 | 0.00           | 7.50   | 23.81  |
| United Kingdom          | 2.09    | 1.64    | 2.00          | 2.00                           | 8.01    | 7.08    | 8.00          | 8.00                       | 16.70      | 11.57   | 16.00         | 16.00   | 0.00                 | 0.00           | 4.43   | 38.29  |
| Germany                 | 2.97    | 2.90    | 3.01          | 3.01                           | 7.28    | 7.89    | 6.91          | 6.91                       | 21.62      | 22.84   | 20.80         | 20.80   | 0.00                 | 0.00           | -2.04  | -8.92  |
| Canada                  | 10.96   | 10.59   | 8.90          | 8.60                           | 2.44    | 1.94    | 1.74          | 1.83                       | 26.80      | 20.57   | 15.50         | 15.70   | 0.20                 | 1.29           | -4.87  | -23.67 |
| Australia               | 13.00   | 12.50   | 10.30         | 10.30                          | 1.83    | 1.92    | 1.07          | 1.02                       | 23.77      | 24.00   | 11.00         | 10.50   | -0.50                | -4.55          | -13.50 | -56.25 |
| Argentina               | 6.41    | 6.80    | 6.00          | 5.90                           | 2.53    | 2.28    | 2.33          | 2.29                       | 16.23      | 15.50   | 14.00         | 13.50   | -0.50                | -3.57          | -2.00  | -12.90 |
| Major Importers         | 91.08   | 92.55   | 94.89         | 94.89                          | 2.31    | 2.62    | 2.56          | 2.57                       | 210.65     | 242.67  | 243.39        | 243.68  | 0.29                 | 0.12           | 1.01   | 0.42   |
| China                   | 26.65   | 24.70   | 24.50         | 24.50                          | 3.74    | 3.80    | 3.76          | 3.76                       | 99.64      | 93.87   | 92.00         | 92.00   | 0.00                 | 0.00           | -1.87  | -1.99  |
| FSU-12                  | 42.98   | 45.72   | 48.52         | 48.52                          | 1.46    | 2.00    | 1.97          | 1.97                       | 62.95      | 91.28   | 95.75         | 95.75   | 0.00                 | 0.00           | 4.47   | 4.90   |
| Russia                  | 23.20   | 23.80   | 25.70         | 25.70                          | 1.48    | 1.97    | 1.93          | 1.93                       | 34.45      | 46.90   | 49.50         | 49.50   | 0.00                 | 0.00           | 2.60   | 5.54   |
| Ukraine                 | 5.16    | 6.90    | 6.80          | 6.80                           | 1.98    | 3.09    | 3.09          | 3.09                       | 10.20      | 21.30   | 21.00         | 21.00   | 0.00                 | 0.00           | -0.30  | -1.41  |
| Kazakhstan              | 10.50   | 10.70   | 11.50         | 11.50                          | 0.87    | 1.19    | 1.13          | 1.13                       | 9.10       | 12.70   | 13.00         | 13.00   | 0.00                 | 0.00           | 0.30   | 2.36   |
| Baltic States           | 0.60    | 0.58    | 0.58          | 0.58                           | 3.03    | 2.84    | 2.75          | 2.75                       | 1.81       | 1.63    | 1.60          | 1.60  | 0.00                 | 0.00           | -0.04  | -2.33  |
| Eastern Europe          | 9.29    | 10.13   | 9.64          | 9.64                           | 3.11    | 3.42    | 3.20          | 3.20                       | 28.87      | 34.69   | 30.80         | 30.79   | -0.01                | -0.03          | -3.91  | -11.26 |
| Poland                  | 2.64    | 2.63    | 2.55          | 2.55                           | 3.23    | 3.53    | 3.65          | 3.65                       | 8.50       | 9.28    | 9.30          | 9.30  | 0.00                 | 0.00           | 0.02   | 0.18   |
| Iran                    | 6.00    | 6.00    | 6.20          | 6.20                           | 1.33    | 1.42    | 1.69          | 1.77                       | 8.00       | 8.50    | 10.50         | 11.00   | 0.50                 | 4.76           | 2.50   | 29.41  |
| Egypt                   | 1.19    | 1.00    | 1.01          | 1.01                           | 5.34    | 6.12    | 6.10          | 6.10                       | 6.35       | 6.13    | 6.15          | 6.15  | 0.00                 | 0.00           | 0.02   | 0.33   |
| Morocco                 | 2.90    | 2.70    | 2.60          | 2.60                           | 0.48    | 1.23    | 1.27          | 1.27                       | 1.38       | 3.32    | 3.30          | 3.30  | 0.00                 | 0.00           | -0.02  | -0.48  |
| Brazil                  | 1.47    | 1.73    | 1.85          | 1.85                           | 1.13    | 1.88    | 1.78          | 1.68                       | 1.66       | 3.25    | 3.30          | 3.10  | -0.20                | -6.06          | -0.15  | -4.62  |
| Other Foreign           | 58.51   | 56.85   | 57.33         | 57.18                          | 2.41    | 2.32    | 2.41          | 2.41                       | 141.00     | 131.75  | 137.95        | 137.65  | -0.31                | -0.22          | 5.90   | 4.48   |
| India                   | 27.49   | 25.07   | 26.20         | 26.20                          | 2.78    | 2.74    | 2.75          | 2.75                       | 76.37      | 68.76   | 72.00         | 72.00   | 0.00                 | 0.00           | 3.24   | 4.71   |
| Turkey                  | 8.70    | 8.50    | 8.60          | 8.60                           | 2.07    | 1.82    | 2.15          | 2.15                       | 18.00      | 15.50   | 18.50         | 18.50   | 0.00                 | 0.00           | 3.00   | 19.35  |
| Pakistan                | 8.46    | 8.25    | 8.30          | 8.30                           | 2.49    | 2.31    | 2.35          | 2.35                       | 21.08      | 19.02   | 19.50         | 19.50   | 0.00                 | 0.00           | 0.48   | 2.51   |
| Mexico                  | 0.69    | 0.69    | 0.66          | 0.66                           | 4.93    | 4.77    | 4.77          | 4.77                       | 3.40       | 3.27    | 3.15          | 3.15  | 0.00                 | 0.00           | -0.12  | -3.67  |
| Saudi Arabia            | 0.40    | 0.40    | 0.40          | 0.40                           | 4.50    | 4.45    | 4.50          | 4.50                       | 1.80       | 1.78    | 1.80          | 1.80  | 0.00                 | 0.00           | 0.02   | 1.12   |
| South Africa            | 0.93    | 0.96    | 0.94          | 0.94                           | 2.51    | 2.60    | 2.55          | 2.44                       | 2.35       | 2.49    | 2.40          | 2.29  | -0.11                | -4.50          | -0.20  | -7.95  |
| Others                  | 11.84   | 12.98   | 12.23         | 12.08                          | 1.52    | 1.61    | 1.68          | 1.69                       | 18.01      | 20.92   | 20.60         | 20.40   | -0.20                | -0.97          | -0.52  | -2.46  |

**TABLE 3**  
**Total Coarse Grain 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 | Nov.          | Dec.                    | 2000/01 | 2001/02 | Nov.          | Dec.                | 2000/01    | 2001/02 | Nov.          | Dec.   | MMT                  | Percent | MMT            | Percent |
| Million hectares |         |         |               | Metric tons per hectare |         |         |               | Million metric tons |            |         |               |        |                      |         |                |         |
| World            | 296.68  | 299.57  | 296.29        | 295.71                  | 2.90    | 2.96    | 2.91          | 2.91                | 859.80     | 887.51  | 861.65        | 860.93 | -0.72                | -0.08   | -26.58         | -2.99   |
| United States    | 35.62   | 33.93   | 34.23         | 34.23                   | 7.67    | 7.72    | 7.16          | 7.16                | 273.13     | 261.86  | 245.23        | 245.23 | 0.00                 | 0.00    | -16.63         | -6.35   |
| Total Foreign    | 261.06  | 265.64  | 262.06        | 261.48                  | 2.25    | 2.36    | 2.35          | 2.35                | 586.67     | 625.65  | 616.41        | 615.70 | -0.72                | -0.12   | -9.95          | -1.59   |
| Major Exporters  | 47.18   | 47.64   | 47.01         | 46.24                   | 3.74    | 3.85    | 3.97          | 4.01                | 176.24     | 183.33  | 186.47        | 185.19 | -1.28                | -0.69   | 1.86           | 1.01    |
| Canada           | 7.18    | 6.93    | 6.45          | 6.07                    | 3.35    | 3.23    | 3.01          | 3.23                | 24.03      | 22.41   | 19.40         | 19.59  | 0.19                 | 1.00    | -2.82          | -12.60  |
| Argentina        | 4.07    | 3.69    | 3.55          | 3.55                    | 4.81    | 5.00    | 4.72          | 4.86                | 19.58      | 18.45   | 16.74         | 17.24  | 0.50                 | 2.99    | -1.21          | -6.53   |
| Australia        | 5.34    | 5.31    | 4.72          | 4.33                    | 2.03    | 2.08    | 1.60          | 1.28                | 10.85      | 11.08   | 7.53          | 5.56   | -1.98                | -26.23  | -5.52          | -49.84  |
| South Africa     | 4.11    | 4.22    | 4.48          | 4.48                    | 1.91    | 2.25    | 2.21          | 2.21                | 7.83       | 9.50    | 9.90          | 9.90   | 0.00                 | 0.00    | 0.40           | 4.22    |
| China            | 26.49   | 27.49   | 27.82         | 27.82                   | 4.30    | 4.43    | 4.78          | 4.78                | 113.95     | 121.89  | 132.90        | 132.90 | 0.00                 | 0.00    | 11.01          | 9.03    |
| Major Importers  | 76.38   | 79.40   | 77.20         | 77.40                   | 2.91    | 3.15    | 3.16          | 3.16                | 221.97     | 250.44  | 243.74        | 244.45 | 0.72                 | 0.29    | -5.98          | -2.39   |
| FSU-12           | 31.23   | 32.91   | 31.85         | 31.85                   | 1.58    | 1.89    | 1.89          | 1.91                | 49.49      | 62.28   | 60.33         | 60.83  | 0.50                 | 0.83    | -1.45          | -2.32   |
| Russia           | 19.60   | 20.60   | 19.75         | 19.75                   | 1.44    | 1.71    | 1.72          | 1.72                | 28.20      | 35.15   | 33.90         | 33.90  | 0.00                 | 0.00    | -1.25          | -3.56   |
| Ukraine          | 6.45    | 6.90    | 7.06          | 7.06                    | 2.01    | 2.46    | 2.34          | 2.42                | 12.99      | 16.97   | 16.55         | 17.05  | 0.50                 | 3.02    | 0.08           | 0.50    |
| Kazakstan        | 1.97    | 2.07    | 2.07          | 2.07                    | 1.05    | 1.38    | 1.21          | 1.21                | 2.08       | 2.86    | 2.50          | 2.50   | 0.00                 | 0.00    | -0.36          | -12.68  |
| Baltic States    | 1.01    | 0.94    | 0.94          | 0.94                    | 2.20    | 2.07    | 2.07          | 2.07                | 2.23       | 1.94    | 1.94          | 1.94   | 0.00                 | 0.00    | 0.00           | 0.00    |
| European Union   | 19.29   | 19.53   | 19.14         | 19.29                   | 5.56    | 5.41    | 5.51          | 5.47                | 107.19     | 105.71  | 105.49        | 105.44 | -0.04                | -0.04   | -0.27          | -0.26   |
| Germany          | 4.05    | 4.15    | 3.94          | 3.94                    | 5.84    | 6.48    | 5.75          | 5.75                | 23.65      | 26.87   | 22.62         | 22.62  | 0.00                 | 0.00    | -4.25          | -15.82  |
| France           | 3.80    | 4.05    | 3.99          | 3.99                    | 7.49    | 6.92    | 7.58          | 7.58                | 28.42      | 28.02   | 30.22         | 30.22  | 0.00                 | 0.00    | 2.20           | 7.85    |
| Eastern Europe   | 15.11   | 15.60   | 14.95         | 15.00                   | 2.45    | 3.32    | 3.27          | 3.28                | 37.01      | 51.79   | 48.92         | 49.18  | 0.26                 | 0.53    | -2.62          | -5.05   |
| Poland           | 6.16    | 6.18    | 5.85          | 5.90                    | 2.24    | 2.86    | 2.89          | 2.91                | 13.82      | 17.68   | 16.90         | 17.16  | 0.26                 | 1.54    | -0.52          | -2.93   |
| Romania          | 3.32    | 3.48    | 3.35          | 3.35                    | 1.74    | 2.43    | 2.55          | 2.55                | 5.78       | 8.46    | 8.56          | 8.56   | 0.00                 | 0.00    | 0.10           | 1.12    |
| Czech Rep.       | 0.63    | 0.65    | 0.67          | 0.67                    | 3.50    | 4.14    | 3.80          | 3.80                | 2.22       | 2.67    | 2.55          | 2.55   | 0.00                 | 0.00    | -0.13          | -4.75   |
| Mexico           | 9.38    | 10.09   | 9.97          | 9.97                    | 2.61    | 2.69    | 2.54          | 2.54                | 24.46      | 27.17   | 25.37         | 25.37  | 0.00                 | 0.00    | -1.80          | -6.61   |
| Other W. Europe  | 0.35    | 0.35    | 0.36          | 0.36                    | 4.61    | 4.44    | 4.72          | 4.72                | 1.59       | 1.54    | 1.69          | 1.69   | 0.00                 | 0.00    | 0.15           | 9.88    |
| Other Foreign    | 137.51  | 138.59  | 137.84        | 137.84                  | 1.37    | 1.38    | 1.35          | 1.35                | 188.46     | 191.88  | 186.21        | 186.06 | -0.15                | -0.08   | -5.83          | -3.04   |
| Thailand         | 1.37    | 1.34    | 1.28          | 1.28                    | 3.58    | 3.51    | 3.20          | 3.20                | 4.90       | 4.70    | 4.10          | 4.10   | 0.00                 | 0.00    | -0.60          | -12.77  |
| India            | 30.30   | 29.80   | 28.85         | 28.85                   | 1.04    | 1.16    | 0.95          | 0.95                | 31.63      | 34.68   | 27.50         | 27.50  | 0.00                 | 0.00    | -7.18          | -20.71  |
| Brazil           | 13.67   | 12.69   | 12.50         | 12.50                   | 3.12    | 2.89    | 2.89          | 2.89                | 42.70      | 36.70   | 36.16         | 36.16  | 0.00                 | 0.00    | -0.54          | -1.47   |
| Turkey           | 4.58    | 4.45    | 4.55          | 4.55                    | 2.21    | 2.14    | 2.27          | 2.27                | 10.12      | 9.52    | 10.32         | 10.32  | 0.00                 | 0.00    | 0.80           | 8.41    |
| Indonesia        | 3.00    | 3.00    | 3.05          | 3.05                    | 1.97    | 2.00    | 2.00          | 2.00                | 5.90       | 6.00    | 6.10          | 6.10   | 0.00                 | 0.00    | 0.10           | 1.67    |
| Philippines      | 2.48    | 2.49    | 2.49          | 2.49                    | 1.81    | 1.81    | 1.79          | 1.79                | 4.51       | 4.51    | 4.45          | 4.45   | 0.00                 | 0.00    | -0.06          | -1.22   |
| Others           | 82.12   | 84.83   | 85.13         | 85.13                   | 1.08    | 1.13    | 1.15          | 1.14                | 88.71      | 95.78   | 97.58         | 97.43  | -0.15                | -0.15   | 1.65           | 1.72    |

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

| Country/Region  | Area             |         |                       |        | Yield                   |         |      |      | Production          |         |        |        | Change in Production |                |        |         |
|-----------------|------------------|---------|-----------------------|--------|-------------------------|---------|------|------|---------------------|---------|--------|--------|----------------------|----------------|--------|---------|
|                 | Prel.<br>2000/01 | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.   | Prel.<br>2000/01        | 2001/02 | Nov. | Dec. | Prel.<br>2000/01    | 2001/02 | Nov.   | Dec.   | From last month      | From last year |        |         |
|                 | Million hectares |         |                       |        | Metric tons per hectare |         |      |      | Million metric tons |         |        |        | MMT                  | Percent        | MMT    | Percent |
| World           | 136.94           | 137.67  | 136.95                | 136.94 | 4.29                    | 4.34    | 4.31 | 4.32 | 587.34              | 596.97  | 589.74 | 591.15 | 1.41                 | 0.24           | -5.81  | -0.97   |
| United States   | 29.32            | 27.85   | 28.55                 | 28.55  | 8.59                    | 8.67    | 8.01 | 8.01 | 251.85              | 241.49  | 228.70 | 228.70 | 0.00                 | 0.00           | -12.79 | -5.30   |
| Total Foreign   | 107.63           | 109.82  | 108.40                | 108.39 | 3.12                    | 3.24    | 3.33 | 3.34 | 335.49              | 355.48  | 361.04 | 362.46 | 1.41                 | 0.39           | 6.98   | 1.96    |
| Major Exporters | 29.10            | 30.08   | 30.45                 | 30.45  | 4.43                    | 4.57    | 4.84 | 4.86 | 128.88              | 137.59  | 147.50 | 148.00 | 0.50                 | 0.34           | 10.41  | 7.57    |
| Argentina       | 2.82             | 2.45    | 2.35                  | 2.35   | 5.46                    | 5.88    | 5.53 | 5.74 | 15.40               | 14.40   | 13.00  | 13.50  | 0.50                 | 3.85           | -0.90  | -6.25   |
| South Africa    | 3.23             | 3.35    | 3.60                  | 3.60   | 2.32                    | 2.72    | 2.64 | 2.64 | 7.48                | 9.10    | 9.50   | 9.50   | 0.00                 | 0.00           | 0.40   | 4.40    |
| China           | 23.06            | 24.28   | 24.50                 | 24.50  | 4.60                    | 4.70    | 5.10 | 5.10 | 106.00              | 114.09  | 125.00 | 125.00 | 0.00                 | 0.00           | 10.91  | 9.56    |
| Major Importers | 20.96            | 22.08   | 21.56                 | 21.55  | 3.88                    | 4.25    | 4.27 | 4.29 | 81.36               | 93.79   | 92.01  | 92.41  | 0.40                 | 0.43           | -1.38  | -1.47   |
| Eastern Europe  | 6.66             | 7.01    | 6.63                  | 6.63   | 2.72                    | 3.92    | 3.96 | 3.96 | 18.12               | 27.48   | 26.23  | 26.23  | 0.00                 | 0.00           | -1.25  | -4.53   |
| Romania         | 2.86             | 2.91    | 2.80                  | 2.80   | 1.68                    | 2.41    | 2.68 | 2.68 | 4.80                | 7.00    | 7.50   | 7.50   | 0.00                 | 0.00           | 0.50   | 7.14    |
| Serbia          | 1.21             | 1.30    | 1.20                  | 1.20   | 2.44                    | 4.77    | 4.50 | 4.50 | 2.94                | 6.20    | 5.40   | 5.40   | 0.00                 | 0.00           | -0.80  | -12.90  |
| European Union  | 4.20             | 4.46    | 4.32                  | 4.31   | 8.93                    | 8.71    | 9.10 | 9.09 | 37.46               | 38.81   | 39.30  | 39.20  | -0.10                | -0.25          | 0.39   | 1.00    |
| France          | 1.80             | 1.89    | 1.84                  | 1.84   | 9.04                    | 8.52    | 8.97 | 8.97 | 16.23               | 16.10   | 16.50  | 16.50  | 0.00                 | 0.00           | 0.40   | 2.48    |
| Italy           | 1.06             | 1.10    | 1.06                  | 1.06   | 9.53                    | 9.44    | 9.91 | 9.91 | 10.14               | 10.37   | 10.50  | 10.50  | 0.00                 | 0.00           | 0.13   | 1.28    |
| Mexico          | 7.15             | 7.78    | 7.70                  | 7.70   | 2.51                    | 2.62    | 2.47 | 2.47 | 17.92               | 20.40   | 19.00  | 19.00  | 0.00                 | 0.00           | -1.40  | -6.86   |
| FSU-12          | 2.90             | 2.78    | 2.86                  | 2.86   | 2.59                    | 2.44    | 2.50 | 2.67 | 7.52                | 6.77    | 7.15   | 7.65   | 0.50                 | 7.00           | 0.88   | 13.01   |
| Russia          | 0.80             | 0.70    | 0.75                  | 0.75   | 1.94                    | 1.14    | 1.47 | 1.47 | 1.55                | 0.80    | 1.10   | 1.10   | 0.00                 | 0.00           | 0.30   | 37.50   |
| Ukraine         | 1.28             | 1.15    | 1.20                  | 1.20   | 3.01                    | 3.13    | 2.92 | 3.33 | 3.85                | 3.60    | 3.50   | 4.00   | 0.50                 | 14.29          | 0.40   | 11.11   |
| Other W. Europe | 0.02             | 0.02    | 0.03                  | 0.03   | 9.95                    | 9.25    | 8.80 | 8.80 | 0.22                | 0.22    | 0.22   | 0.22   | 0.00                 | 0.00           | -0.00  | -0.90   |
| Others          | 0.03             | 0.03    | 0.03                  | 0.03   | 4.00                    | 4.22    | 4.11 | 4.11 | 0.12                | 0.11    | 0.11   | 0.11   | 0.00                 | 0.00           | -0.00  | -2.63   |
| Other Foreign   | 57.57            | 57.66   | 56.39                 | 56.39  | 2.18                    | 2.15    | 2.16 | 2.16 | 125.25              | 124.11  | 121.54 | 122.05 | 0.51                 | 0.42           | -2.06  | -1.66   |
| Thailand        | 1.21             | 1.18    | 1.12                  | 1.12   | 3.88                    | 3.81    | 3.48 | 3.48 | 4.70                | 4.50    | 3.90   | 3.90   | 0.00                 | 0.00           | -0.60  | -13.33  |
| Brazil          | 12.97            | 11.99   | 11.80                 | 11.80  | 3.20                    | 2.96    | 2.97 | 2.97 | 41.54               | 35.54   | 35.00  | 35.00  | 0.00                 | 0.00           | -0.54  | -1.51   |
| India           | 6.56             | 6.87    | 6.20                  | 6.20   | 1.84                    | 1.97    | 1.77 | 1.77 | 12.07               | 13.51   | 11.00  | 11.00  | 0.00                 | 0.00           | -2.51  | -18.58  |
| Canada          | 1.09             | 1.26    | 1.25                  | 1.29   | 6.27                    | 6.51    | 6.64 | 7.03 | 6.83                | 8.20    | 8.30   | 9.07   | 0.76                 | 9.22           | 0.86   | 10.55   |
| Indonesia       | 3.00             | 3.00    | 3.05                  | 3.05   | 1.97                    | 2.00    | 2.00 | 2.00 | 5.90                | 6.00    | 6.10   | 6.10   | 0.00                 | 0.00           | 0.10   | 1.67    |
| Philippines     | 2.48             | 2.49    | 2.49                  | 2.49   | 1.81                    | 1.81    | 1.79 | 1.79 | 4.51                | 4.51    | 4.45   | 4.45   | 0.00                 | 0.00           | -0.06  | -1.22   |
| Egypt           | 0.71             | 0.77    | 0.78                  | 0.78   | 7.99                    | 8.00    | 8.00 | 8.00 | 5.64                | 6.16    | 6.20   | 6.20   | 0.00                 | 0.00           | 0.04   | 0.65    |
| Zimbabwe        | 1.22             | 1.40    | 1.25                  | 1.25   | 1.20                    | 0.36    | 0.80 | 0.80 | 1.47                | 0.50    | 1.00   | 1.00   | 0.00                 | 0.00           | 0.50   | 100.00  |
| Others          | 28.33            | 28.71   | 28.46                 | 28.42  | 1.50                    | 1.57    | 1.60 | 1.60 | 42.60               | 45.20   | 45.59  | 45.34  | -0.25                | -0.55          | 0.14   | 0.31    |

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

| Country/Region  | Area             |         |                       |       | Yield                   |         |                       |      | Production          |         |                       |        | Change in Production |                |       |         |
|-----------------|------------------|---------|-----------------------|-------|-------------------------|---------|-----------------------|------|---------------------|---------|-----------------------|--------|----------------------|----------------|-------|---------|
|                 | Prel.<br>2000/01 | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.  | Prel.<br>2000/01        | 2001/02 | 2002/03 Proj.<br>Nov. | Dec. | Prel.<br>2000/01    | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.   | From last month      | From last year |       |         |
|                 | Million hectares |         |                       |       | Metric tons per hectare |         |                       |      | Million metric tons |         |                       |        | MMT                  | Percent        | MMT   | Percent |
| World           | 55.01            | 56.78   | 55.18                 | 55.05 | 2.43                    | 2.48    | 2.41                  | 2.40 | 133.85              | 140.55  | 132.82                | 132.25 | -0.57                | -0.43          | -8.30 | -5.91   |
| United States   | 2.11             | 1.74    | 1.67                  | 1.67  | 3.29                    | 3.13    | 2.95                  | 2.95 | 6.94                | 5.43    | 4.94                  | 4.94   | 0.00                 | 0.00           | -0.49 | -9.02   |
| Total Foreign   | 52.90            | 55.04   | 53.50                 | 53.37 | 2.40                    | 2.45    | 2.39                  | 2.39 | 126.91              | 135.12  | 127.88                | 127.31 | -0.57                | -0.45          | -7.81 | -5.78   |
| European Union  | 10.80            | 10.78   | 10.47                 | 10.62 | 4.78                    | 4.47    | 4.59                  | 4.53 | 51.66               | 48.16   | 48.10                 | 48.10  | 0.00                 | 0.00           | -0.06 | -0.12   |
| Denmark         | 0.74             | 0.74    | 0.83                  | 0.83  | 5.37                    | 5.40    | 5.00                  | 5.00 | 3.98                | 3.98    | 4.15                  | 4.15   | 0.00                 | 0.00           | 0.17  | 4.30    |
| France          | 1.56             | 1.71    | 1.64                  | 1.64  | 6.37                    | 5.73    | 6.71                  | 6.71 | 9.95                | 9.80    | 11.00                 | 11.00  | 0.00                 | 0.00           | 1.20  | 12.24   |
| Germany         | 2.07             | 2.11    | 1.98                  | 1.98  | 5.85                    | 6.39    | 5.56                  | 5.56 | 12.11               | 13.50   | 11.00                 | 11.00  | 0.00                 | 0.00           | -2.50 | -18.49  |
| Italy           | 0.34             | 0.33    | 0.35                  | 0.35  | 3.67                    | 3.37    | 3.50                  | 3.50 | 1.26                | 1.12    | 1.23                  | 1.23   | 0.00                 | 0.00           | 0.11  | 9.38    |
| Spain           | 3.31             | 2.99    | 2.95                  | 3.10  | 3.41                    | 2.09    | 2.78                  | 2.65 | 11.28               | 6.25    | 8.20                  | 8.20   | 0.00                 | 0.00           | 1.96  | 31.31   |
| United Kingdom  | 1.13             | 1.25    | 1.10                  | 1.10  | 5.75                    | 5.38    | 5.45                  | 5.45 | 6.49                | 6.70    | 6.00                  | 6.00   | 0.00                 | 0.00           | -0.70 | -10.45  |
| FSU-12          | 15.89            | 17.20   | 17.20                 | 17.20 | 1.57                    | 2.03    | 1.98                  | 1.98 | 25.01               | 34.95   | 34.13                 | 34.13  | 0.00                 | 0.00           | -0.82 | -2.35   |
| Russia          | 9.20             | 10.20   | 10.10                 | 10.10 | 1.53                    | 1.91    | 1.88                  | 1.88 | 14.10               | 19.50   | 19.00                 | 19.00  | 0.00                 | 0.00           | -0.50 | -2.56   |
| Ukraine         | 3.69             | 3.90    | 4.30                  | 4.30  | 1.86                    | 2.62    | 2.44                  | 2.44 | 6.87                | 10.20   | 10.50                 | 10.50  | 0.00                 | 0.00           | 0.30  | 2.94    |
| Kazakstan       | 1.63             | 1.70    | 1.70                  | 1.70  | 1.03                    | 1.29    | 1.18                  | 1.18 | 1.68                | 2.20    | 2.00                  | 2.00   | 0.00                 | 0.00           | -0.20 | -9.09   |
| Baltic States   | 0.65             | 0.60    | 0.60                  | 0.60  | 2.25                    | 2.19    | 2.18                  | 2.18 | 1.47                | 1.32    | 1.31                  | 1.31   | 0.00                 | 0.00           | -0.01 | -0.45   |
| Eastern Europe  | 2.82             | 2.97    | 3.09                  | 3.09  | 2.64                    | 3.30    | 2.98                  | 2.98 | 7.46                | 9.81    | 9.21                  | 9.21   | 0.00                 | 0.00           | -0.60 | -6.10   |
| Poland          | 1.10             | 1.07    | 1.10                  | 1.10  | 2.54                    | 3.11    | 3.09                  | 3.09 | 2.78                | 3.33    | 3.40                  | 3.40   | 0.00                 | 0.00           | 0.07  | 2.10    |
| Czech Rep.      | 0.50             | 0.50    | 0.50                  | 0.50  | 3.29                    | 4.04    | 3.60                  | 3.60 | 1.63                | 2.02    | 1.80                  | 1.80   | 0.00                 | 0.00           | -0.22 | -10.80  |
| Romania         | 0.21             | 0.32    | 0.30                  | 0.30  | 2.68                    | 3.34    | 2.17                  | 2.17 | 0.57                | 1.06    | 0.65                  | 0.65   | 0.00                 | 0.00           | -0.41 | -38.39  |
| Canada          | 4.55             | 4.15    | 3.55                  | 3.27  | 2.89                    | 2.61    | 2.17                  | 2.23 | 13.17               | 10.85   | 7.70                  | 7.28   | -0.42                | -5.45          | -3.57 | -32.88  |
| Other W. Europe | 0.21             | 0.22    | 0.22                  | 0.22  | 4.14                    | 3.98    | 4.32                  | 4.32 | 0.86                | 0.86    | 0.95                  | 0.95   | 0.00                 | 0.00           | 0.09  | 10.08   |
| Norway          | 0.16             | 0.17    | 0.18                  | 0.18  | 3.57                    | 3.54    | 3.71                  | 3.71 | 0.57                | 0.61    | 0.65                  | 0.65   | 0.00                 | 0.00           | 0.04  | 6.21    |
| Turkey          | 3.60             | 3.50    | 3.55                  | 3.55  | 2.06                    | 1.97    | 2.11                  | 2.11 | 7.40                | 6.90    | 7.50                  | 7.50   | 0.00                 | 0.00           | 0.60  | 8.70    |
| Australia       | 3.68             | 3.70    | 3.00                  | 3.00  | 1.96                    | 2.03    | 1.17                  | 1.17 | 7.20                | 7.50    | 3.50                  | 3.50   | 0.00                 | 0.00           | -4.00 | -53.33  |
| China           | 0.79             | 0.77    | 0.77                  | 0.77  | 3.35                    | 3.29    | 3.14                  | 3.14 | 2.65                | 2.54    | 2.40                  | 2.40   | 0.00                 | 0.00           | -0.14 | -5.33   |
| Morocco         | 2.25             | 2.13    | 2.00                  | 2.00  | 0.21                    | 0.54    | 0.80                  | 0.80 | 0.47                | 1.16    | 1.60                  | 1.60   | 0.00                 | 0.00           | 0.45  | 38.53   |
| India           | 0.73             | 0.75    | 0.75                  | 0.75  | 2.00                    | 1.90    | 2.00                  | 2.00 | 1.45                | 1.43    | 1.50                  | 1.50   | 0.00                 | 0.00           | 0.07  | 4.75    |
| Others          | 6.93             | 8.27    | 8.31                  | 8.31  | 1.17                    | 1.17    | 1.20                  | 1.18 | 8.12                | 9.66    | 9.98                  | 9.83   | -0.15                | -1.50          | 0.17  | 1.77    |

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

| Country/Region         | Area             |         |                       |       | Yield                   |         |                       |      | Production          |         |                       |       | Change in Production |                |       |         |
|------------------------|------------------|---------|-----------------------|-------|-------------------------|---------|-----------------------|------|---------------------|---------|-----------------------|-------|----------------------|----------------|-------|---------|
|                        | Prel.<br>2000/01 | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.  | Prel.<br>2000/01        | 2001/02 | 2002/03 Proj.<br>Nov. | Dec. | Prel.<br>2000/01    | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.  | From last month      | From last year |       |         |
|                        | Million hectares |         |                       |       | Metric tons per hectare |         |                       |      | Million metric tons |         |                       |       | MMT                  | Percent        | MMT   | Percent |
| World                  | 13.90            | 14.20   | 14.17                 | 14.03 | 1.88                    | 1.90    | 1.88                  | 1.86 | 26.17               | 26.93   | 26.67                 | 26.04 | -0.64                | -2.38          | -0.89 | -3.31   |
| United States          | 0.94             | 0.77    | 0.85                  | 0.85  | 2.30                    | 2.20    | 2.04                  | 2.04 | 2.17                | 1.70    | 1.73                  | 1.73  | 0.00                 | 0.00           | 0.03  | 1.77    |
| Total Foreign          | 12.96            | 13.43   | 13.32                 | 13.18 | 1.85                    | 1.88    | 1.87                  | 1.84 | 24.00               | 25.23   | 24.94                 | 24.31 | -0.64                | -2.55          | -0.92 | -3.65   |
| FSU-12                 | 5.39             | 5.91    | 5.36                  | 5.36  | 1.39                    | 1.63    | 1.53                  | 1.53 | 7.50                | 9.63    | 8.21                  | 8.21  | 0.00                 | 0.00           | -1.42 | -14.72  |
| Russia                 | 4.50             | 4.90    | 4.40                  | 4.40  | 1.33                    | 1.57    | 1.48                  | 1.48 | 6.00                | 7.70    | 6.50                  | 6.50  | 0.00                 | 0.00           | -1.20 | -15.58  |
| Ukraine                | 0.48             | 0.60    | 0.60                  | 0.60  | 1.83                    | 1.83    | 1.67                  | 1.67 | 0.88                | 1.10    | 1.00                  | 1.00  | 0.00                 | 0.00           | -0.10 | -9.09   |
| Belarus                | 0.30             | 0.30    | 0.25                  | 0.25  | 1.73                    | 2.00    | 2.40                  | 2.40 | 0.52                | 0.60    | 0.60                  | 0.60  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Baltic States          | 0.14             | 0.15    | 0.15                  | 0.15  | 1.96                    | 1.62    | 1.64                  | 1.64 | 0.28                | 0.24    | 0.24                  | 0.24  | 0.00                 | 0.00           | 0.00  | 1.25    |
| Maj. Foreign Exporters | 2.33             | 2.30    | 2.48                  | 2.34  | 2.21                    | 2.00    | 1.91                  | 1.74 | 5.16                | 4.59    | 4.74                  | 4.06  | -0.68                | -14.26         | -0.53 | -11.57  |
| Canada                 | 1.30             | 1.24    | 1.44                  | 1.30  | 2.61                    | 2.17    | 2.01                  | 2.12 | 3.39                | 2.69    | 2.90                  | 2.75  | -0.15                | -5.17          | 0.06  | 2.19    |
| Australia              | 0.70             | 0.68    | 0.70                  | 0.70  | 1.62                    | 1.80    | 1.82                  | 1.07 | 1.13                | 1.22    | 1.28                  | 0.75  | -0.53                | -41.18         | -0.47 | -38.63  |
| Argentina              | 0.34             | 0.38    | 0.34                  | 0.34  | 1.92                    | 1.78    | 1.67                  | 1.67 | 0.64                | 0.68    | 0.56                  | 0.56  | 0.00                 | 0.00           | -0.12 | -17.40  |
| Other Foreign          | 5.09             | 5.08    | 5.34                  | 5.34  | 2.17                    | 2.12    | 2.20                  | 2.21 | 11.07               | 10.77   | 11.75                 | 11.79 | 0.04                 | 0.34           | 1.02  | 9.51    |
| China                  | 0.50             | 0.50    | 0.50                  | 0.50  | 1.20                    | 1.20    | 1.20                  | 1.20 | 0.60                | 0.60    | 0.60                  | 0.60  | 0.00                 | 0.00           | 0.00  | 0.00    |
| European Union         | 1.94             | 1.94    | 2.10                  | 2.10  | 3.52                    | 3.25    | 3.37                  | 3.39 | 6.85                | 6.30    | 7.10                  | 7.14  | 0.04                 | 0.56           | 0.84  | 13.37   |
| France                 | 0.10             | 0.12    | 0.14                  | 0.14  | 4.46                    | 4.15    | 5.00                  | 5.00 | 0.46                | 0.49    | 0.70                  | 0.70  | 0.00                 | 0.00           | 0.21  | 44.03   |
| Germany                | 0.24             | 0.23    | 0.24                  | 0.24  | 4.59                    | 4.94    | 4.34                  | 4.34 | 1.09                | 1.15    | 1.02                  | 1.02  | 0.00                 | 0.00           | -0.13 | -11.38  |
| Italy                  | 0.15             | 0.15    | 0.15                  | 0.15  | 3.00                    | 2.70    | 3.02                  | 3.02 | 0.46                | 0.40    | 0.45                  | 0.45  | 0.00                 | 0.00           | 0.05  | 11.94   |
| Finland                | 0.40             | 0.42    | 0.45                  | 0.45  | 3.53                    | 3.09    | 3.22                  | 3.22 | 1.41                | 1.29    | 1.45                  | 1.45  | 0.00                 | 0.00           | 0.16  | 12.67   |
| Sweden                 | 0.29             | 0.27    | 0.30                  | 0.30  | 3.96                    | 3.55    | 3.83                  | 3.83 | 1.15                | 0.96    | 1.15                  | 1.15  | 0.00                 | 0.00           | 0.19  | 19.67   |
| Eastern Europe         | 1.10             | 1.06    | 1.14                  | 1.14  | 1.79                    | 2.19    | 2.13                  | 2.13 | 1.97                | 2.31    | 2.43                  | 2.43  | 0.00                 | 0.00           | 0.12  | 5.10    |
| Czech Rep.             | 0.05             | 0.05    | 0.06                  | 0.06  | 2.72                    | 3.02    | 2.83                  | 2.83 | 0.14                | 0.15    | 0.17                  | 0.17  | 0.00                 | 0.00           | 0.02  | 12.58   |
| Poland                 | 0.57             | 0.53    | 0.60                  | 0.60  | 1.89                    | 2.46    | 2.33                  | 2.33 | 1.07                | 1.31    | 1.40                  | 1.40  | 0.00                 | 0.00           | 0.10  | 7.28    |
| Serbia                 | 0.06             | 0.07    | 0.07                  | 0.07  | 1.52                    | 1.92    | 1.92                  | 1.92 | 0.10                | 0.13    | 0.13                  | 0.13  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Norway                 | 0.09             | 0.08    | 0.09                  | 0.09  | 4.22                    | 4.01    | 4.44                  | 4.44 | 0.40                | 0.33    | 0.40                  | 0.40  | 0.00                 | 0.00           | 0.07  | 20.12   |
| Turkey                 | 0.15             | 0.15    | 0.15                  | 0.15  | 1.72                    | 1.72    | 1.72                  | 1.72 | 0.25                | 0.25    | 0.25                  | 0.25  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Others                 | 1.32             | 1.35    | 1.36                  | 1.36  | 0.76                    | 0.72    | 0.72                  | 0.72 | 1.00                | 0.98    | 0.97                  | 0.97  | -0.00                | -0.00          | -0.00 | -0.31   |

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

| Country/Region | Area             |         |                       |      | Yield                   |         |                       |      | Production          |         |                       |       | Change in Production |                |       |         |
|----------------|------------------|---------|-----------------------|------|-------------------------|---------|-----------------------|------|---------------------|---------|-----------------------|-------|----------------------|----------------|-------|---------|
|                | Prel.<br>2000/01 | 2001/02 | 2002/03 Proj.<br>Nov. | Dec. | Prel.<br>2000/01        | 2001/02 | 2002/03 Proj.<br>Nov. | Dec. | Prel.<br>2000/01    | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.  | From last month      | From last year |       |         |
|                | Million hectares |         |                       |      | Metric tons per hectare |         |                       |      | Million metric tons |         |                       |       | MMT                  | Percent        | MMT   | Percent |
| World          | 9.33             | 9.54    | 9.14                  | 9.14 | 2.05                    | 2.40    | 2.26                  | 2.26 | 19.14               | 22.92   | 20.63                 | 20.63 | 0.00                 | 0.02           | -2.29 | -9.97   |
| United States  | 0.12             | 0.10    | 0.12                  | 0.12 | 1.78                    | 1.72    | 1.53                  | 1.53 | 0.21                | 0.18    | 0.18                  | 0.18  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Total Foreign  | 9.21             | 9.43    | 9.02                  | 9.02 | 2.05                    | 2.41    | 2.27                  | 2.27 | 18.93               | 22.74   | 20.45                 | 20.46 | 0.00                 | 0.02           | -2.29 | -10.05  |
| FSU-12         | 4.99             | 5.37    | 5.57                  | 5.57 | 1.59                    | 1.88    | 1.86                  | 1.86 | 7.92                | 10.08   | 10.35                 | 10.35 | 0.00                 | 0.00           | 0.27  | 2.73    |
| Russia         | 3.50             | 3.60    | 3.90                  | 3.90 | 1.56                    | 1.83    | 1.79                  | 1.79 | 5.45                | 6.60    | 7.00                  | 7.00  | 0.00                 | 0.00           | 0.40  | 6.06    |
| Ukraine        | 0.64             | 0.90    | 0.80                  | 0.80 | 1.52                    | 2.00    | 1.75                  | 1.75 | 0.97                | 1.80    | 1.40                  | 1.40  | 0.00                 | 0.00           | -0.40 | -22.22  |
| Belarus        | 0.78             | 0.80    | 0.80                  | 0.80 | 1.86                    | 2.00    | 2.38                  | 2.38 | 1.45                | 1.60    | 1.90                  | 1.90  | 0.00                 | 0.00           | 0.30  | 18.75   |
| Baltic States  | 0.22             | 0.19    | 0.19                  | 0.19 | 2.23                    | 2.04    | 2.06                  | 2.06 | 0.48                | 0.38    | 0.39                  | 0.39  | 0.00                 | 0.00           | 0.00  | 0.79    |
| Major Exporter |                  |         |                       |      |                         |         |                       |      |                     |         |                       |       |                      |                |       |         |
| Canada         | 0.12             | 0.12    | 0.08                  | 0.08 | 2.26                    | 1.85    | 1.73                  | 1.74 | 0.26                | 0.23    | 0.13                  | 0.13  | 0.00                 | 3.08           | -0.09 | -41.23  |
| Other Foreign  | 3.89             | 3.75    | 3.19                  | 3.19 | 2.64                    | 3.21    | 3.01                  | 3.01 | 10.27               | 12.05   | 9.59                  | 9.59  | -0.00                | -0.00          | -2.47 | -20.48  |
| Eastern Europe | 2.31             | 2.19    | 1.79                  | 1.79 | 1.91                    | 2.45    | 2.48                  | 2.48 | 4.41                | 5.38    | 4.44                  | 4.44  | 0.00                 | 0.00           | -0.93 | -17.35  |
| Hungary        | 0.04             | 0.05    | 0.05                  | 0.05 | 2.00                    | 2.42    | 2.00                  | 2.00 | 0.08                | 0.12    | 0.10                  | 0.10  | 0.00                 | 0.00           | -0.02 | -17.36  |
| Poland         | 2.13             | 2.00    | 1.60                  | 1.60 | 1.88                    | 2.43    | 2.50                  | 2.50 | 4.00                | 4.86    | 4.00                  | 4.00  | 0.00                 | 0.00           | -0.86 | -17.75  |
| Czech Rep.     | 0.04             | 0.04    | 0.04                  | 0.04 | 3.41                    | 3.85    | 3.13                  | 3.13 | 0.15                | 0.15    | 0.13                  | 0.13  | 0.00                 | 0.00           | -0.03 | -18.83  |
| European Union | 1.25             | 1.25    | 1.09                  | 1.09 | 4.35                    | 5.04    | 4.35                  | 4.35 | 5.41                | 6.28    | 4.76                  | 4.76  | 0.00                 | 0.00           | -1.52 | -24.16  |
| Denmark        | 0.05             | 0.06    | 0.05                  | 0.05 | 5.14                    | 5.31    | 5.00                  | 5.00 | 0.26                | 0.33    | 0.25                  | 0.25  | 0.00                 | 0.00           | -0.08 | -24.01  |
| France         | 0.03             | 0.03    | 0.03                  | 0.03 | 4.56                    | 4.10    | 4.14                  | 4.14 | 0.15                | 0.12    | 0.12                  | 0.12  | 0.00                 | 0.00           | 0.00  | 0.84    |
| Germany        | 0.84             | 0.84    | 0.73                  | 0.73 | 4.93                    | 6.13    | 5.07                  | 5.07 | 4.15                | 5.13    | 3.70                  | 3.70  | 0.00                 | 0.00           | -1.43 | -27.90  |
| Spain          | 0.11             | 0.12    | 0.11                  | 0.11 | 1.89                    | 0.93    | 1.53                  | 1.53 | 0.21                | 0.11    | 0.17                  | 0.17  | 0.00                 | 0.00           | 0.06  | 58.88   |
| Austria        | 0.05             | 0.05    | 0.05                  | 0.05 | 3.40                    | 4.18    | 4.00                  | 4.00 | 0.18                | 0.21    | 0.20                  | 0.20  | 0.00                 | 0.00           | -0.01 | -6.10   |
| Sweden         | 0.04             | 0.04    | 0.02                  | 0.02 | 5.34                    | 5.20    | 5.00                  | 5.00 | 0.19                | 0.18    | 0.10                  | 0.10  | 0.00                 | 0.00           | -0.08 | -45.05  |
| Turkey         | 0.18             | 0.18    | 0.18                  | 0.18 | 1.39                    | 1.39    | 1.39                  | 1.39 | 0.25                | 0.25    | 0.25                  | 0.25  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Others         | 0.16             | 0.13    | 0.12                  | 0.12 | 1.24                    | 1.13    | 1.08                  | 1.08 | 0.20                | 0.15    | 0.13                  | 0.13  | -0.00                | -0.00          | -0.02 | -13.07  |

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**TABLE 8**  
**Sorghum 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 | Nov.          | Dec.  | 2000/01                        | 2001/02 | Nov.          | Dec. | 2000/01                    | 2001/02 | Nov.          | Dec.  |                      |                |            |                |
|                | <b>Million hectares</b> |         |               |       | <b>Metric tons per hectare</b> |         |               |      | <b>Million metric tons</b> |         |               |       | <b>MMT</b>           | <b>Percent</b> | <b>MMT</b> | <b>Percent</b> |
| World          | 38.45                   | 39.75   | 39.67         | 39.32 | 1.38                           | 1.42    | 1.34          | 1.32 | 53.02                      | 56.49   | 53.02         | 51.84 | -1.19                | -2.24          | -4.66      | -8.24          |
| United States  | 3.13                    | 3.47    | 3.05          | 3.05  | 3.82                           | 3.76    | 3.18          | 3.18 | 11.95                      | 13.07   | 9.69          | 9.69  | 0.00                 | 0.00           | -3.38      | -25.85         |
| Total Foreign  | 35.33                   | 36.28   | 36.63         | 36.28 | 1.16                           | 1.20    | 1.18          | 1.16 | 41.07                      | 43.42   | 43.33         | 42.14 | -1.19                | -2.73          | -1.28      | -2.94          |
| India          | 9.99                    | 10.18   | 9.90          | 9.90  | 0.77                           | 0.82    | 0.81          | 0.81 | 7.72                       | 8.39    | 8.00          | 8.00  | 0.00                 | 0.00           | -0.39      | -4.65          |
| China          | 0.89                    | 0.78    | 0.85          | 0.85  | 2.90                           | 3.45    | 3.29          | 3.29 | 2.58                       | 2.70    | 2.80          | 2.80  | 0.00                 | 0.00           | 0.10       | 3.70           |
| Mexico         | 1.83                    | 1.89    | 1.85          | 1.85  | 3.10                           | 3.12    | 2.97          | 2.97 | 5.67                       | 5.90    | 5.50          | 5.50  | 0.00                 | 0.00           | -0.40      | -6.78          |
| Nigeria        | 6.70                    | 6.75    | 6.75          | 6.75  | 1.16                           | 1.16    | 1.16          | 1.16 | 7.80                       | 7.80    | 7.85          | 7.85  | 0.00                 | 0.00           | 0.05       | 0.64           |
| Sudan          | 4.20                    | 5.00    | 6.00          | 6.00  | 0.61                           | 0.70    | 0.73          | 0.73 | 2.57                       | 3.50    | 4.35          | 4.35  | 0.00                 | 0.00           | 0.85       | 24.29          |
| Argentina      | 0.57                    | 0.54    | 0.55          | 0.55  | 4.78                           | 5.07    | 4.55          | 4.55 | 2.71                       | 2.75    | 2.50          | 2.50  | 0.00                 | 0.00           | -0.25      | -9.09          |
| Australia      | 0.82                    | 0.77    | 0.85          | 0.50  | 2.58                           | 2.30    | 2.59          | 2.00 | 2.11                       | 1.78    | 2.20          | 1.00  | -1.20                | -54.55         | -0.78      | -43.73         |
| Ethiopia       | 1.70                    | 1.65    | 1.20          | 1.20  | 1.06                           | 1.12    | 1.17          | 1.17 | 1.80                       | 1.85    | 1.40          | 1.40  | 0.00                 | 0.00           | -0.45      | -24.32         |
| Colombia       | 0.06                    | 0.06    | 0.06          | 0.06  | 2.83                           | 2.83    | 2.83          | 2.83 | 0.17                       | 0.17    | 0.17          | 0.17  | 0.00                 | 0.00           | 0.00       | 0.00           |
| Venezuela      | 0.26                    | 0.26    | 0.26          | 0.26  | 1.50                           | 1.50    | 1.50          | 1.50 | 0.39                       | 0.39    | 0.39          | 0.39  | 0.00                 | 0.00           | 0.00       | 0.00           |
| Egypt          | 0.16                    | 0.16    | 0.16          | 0.16  | 4.69                           | 4.69    | 4.69          | 4.69 | 0.75                       | 0.75    | 0.75          | 0.75  | 0.00                 | 0.00           | 0.00       | 0.00           |
| Yemen          | 0.40                    | 0.40    | 0.40          | 0.40  | 0.90                           | 0.90    | 0.90          | 0.90 | 0.36                       | 0.36    | 0.36          | 0.36  | 0.00                 | 0.00           | 0.00       | 0.00           |
| Tanzania       | 0.55                    | 0.60    | 0.55          | 0.55  | 0.61                           | 0.92    | 0.91          | 0.91 | 0.34                       | 0.55    | 0.50          | 0.50  | 0.00                 | 0.00           | -0.05      | -9.09          |
| Niger          | 1.50                    | 1.50    | 1.50          | 1.50  | 0.27                           | 0.43    | 0.43          | 0.43 | 0.40                       | 0.65    | 0.65          | 0.65  | 0.00                 | 0.00           | 0.00       | 0.00           |
| South Africa   | 0.09                    | 0.08    | 0.09          | 0.09  | 1.99                           | 2.63    | 2.12          | 2.12 | 0.18                       | 0.20    | 0.18          | 0.18  | 0.00                 | 0.00           | -0.02      | -8.63          |
| Thailand       | 0.16                    | 0.16    | 0.16          | 0.16  | 1.25                           | 1.25    | 1.25          | 1.25 | 0.20                       | 0.20    | 0.20          | 0.20  | 0.00                 | 0.00           | 0.00       | 0.00           |
| Others         | 5.46                    | 5.50    | 5.50          | 5.50  | 0.98                           | 1.00    | 1.01          | 1.01 | 5.34                       | 5.49    | 5.53          | 5.54  | 0.01                 | 0.27           | 0.06       | 1.04           |

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

| Country/Region  | Area             |         |                       |        | Yield (Rough)           |         |                       |      | Production (Milled) |         |                       |        | Change in Production |                |        |         |
|-----------------|------------------|---------|-----------------------|--------|-------------------------|---------|-----------------------|------|---------------------|---------|-----------------------|--------|----------------------|----------------|--------|---------|
|                 | Prel.<br>2000/01 | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.   | Prel.<br>2000/01        | 2001/02 | 2002/03 Proj.<br>Nov. | Dec. | Prel.<br>2000/01    | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.   | From last month      | From last year |        |         |
|                 | Million hectares |         |                       |        | Metric tons per hectare |         |                       |      | Million metric tons |         |                       |        | MMT                  | Percent        | MMT    | Percent |
| World           | 151.68           | 140.67  | 144.70                | 144.76 | 3.91                    | 4.20    | 3.93                  | 3.91 | 397.76              | 397.27  | 381.79                | 380.29 | -1.50                | -0.39          | -16.98 | -4.27   |
| United States   | 1.23             | 1.34    | 1.30                  | 1.30   | 7.04                    | 7.21    | 7.41                  | 7.41 | 5.94                | 6.67    | 6.64                  | 6.64   | 0.00                 | 0.00           | -0.03  | -0.48   |
| Total Foreign   | 150.45           | 139.33  | 143.40                | 143.46 | 3.88                    | 4.18    | 3.90                  | 3.88 | 391.82              | 390.60  | 375.15                | 373.65 | -1.50                | -0.40          | -16.95 | -4.34   |
| Major Exporters | 64.12            | 64.37   | 59.44                 | 59.44  | 2.98                    | 3.11    | 3.02                  | 3.02 | 126.95              | 133.02  | 119.25                | 119.25 | 0.00                 | 0.00           | -13.77 | -10.35  |
| Vietnam         | 7.49             | 7.47    | 7.42                  | 7.42   | 4.14                    | 4.27    | 4.27                  | 4.27 | 20.47               | 21.04   | 20.90                 | 20.90  | 0.00                 | 0.00           | -0.14  | -0.65   |
| Thailand        | 9.92             | 9.99    | 9.92                  | 9.92   | 2.58                    | 2.50    | 2.52                  | 2.52 | 16.90               | 16.50   | 16.50                 | 16.50  | 0.00                 | 0.00           | 0.00   | 0.00    |
| India           | 44.36            | 44.79   | 40.00                 | 40.00  | 2.87                    | 3.07    | 2.93                  | 2.93 | 84.87               | 91.60   | 78.00                 | 78.00  | 0.00                 | 0.00           | -13.60 | -14.85  |
| Pakistan        | 2.35             | 2.12    | 2.10                  | 2.10   | 3.00                    | 2.75    | 2.75                  | 2.75 | 4.70                | 3.88    | 3.85                  | 3.85   | 0.00                 | 0.00           | -0.03  | -0.82   |
| Major Importers | 22.18            | 11.64   | 21.99                 | 21.99  | 3.77                    | 7.24    | 3.82                  | 3.82 | 53.49               | 54.26   | 53.82                 | 54.16  | 0.33                 | 0.62           | -0.10  | -0.18   |
| Indonesia       | 11.79            | 1.16    | 11.50                 | 11.50  | 4.40                    | 44.40   | 4.47                  | 4.46 | 32.80               | 32.96   | 32.50                 | 32.83  | 0.33                 | 1.02           | -0.13  | -0.39   |
| Brazil          | 3.14             | 3.18    | 3.18                  | 3.18   | 3.31                    | 3.31    | 3.31                  | 3.31 | 7.06                | 7.16    | 7.15                  | 7.15   | 0.00                 | 0.00           | -0.01  | -0.14   |
| European Union  | 0.40             | 0.39    | 0.39                  | 0.39   | 6.18                    | 6.60    | 7.01                  | 7.01 | 1.57                | 1.62    | 1.79                  | 1.79   | 0.00                 | 0.00           | 0.17   | 10.62   |
| Iran            | 0.49             | 0.48    | 0.55                  | 0.55   | 4.02                    | 4.07    | 3.67                  | 3.67 | 1.31                | 1.30    | 1.33                  | 1.33   | 0.00                 | 0.00           | 0.03   | 2.46    |
| Philippines     | 4.03             | 4.08    | 4.10                  | 4.10   | 3.11                    | 3.19    | 3.11                  | 3.11 | 8.14                | 8.45    | 8.30                  | 8.30   | 0.00                 | 0.00           | -0.15  | -1.78   |
| Nigeria         | 1.65             | 1.65    | 1.66                  | 1.66   | 2.02                    | 2.12    | 2.21                  | 2.21 | 2.00                | 2.10    | 2.20                  | 2.20   | 0.00                 | 0.00           | 0.10   | 4.76    |
| Other Foreign   | 64.15            | 63.33   | 61.97                 | 62.03  | 4.82                    | 4.70    | 4.77                  | 4.73 | 211.38              | 203.33  | 202.08                | 200.25 | -1.83                | -0.91          | -3.08  | -1.51   |
| China           | 29.96            | 28.81   | 28.00                 | 28.10  | 6.27                    | 6.16    | 6.29                  | 6.19 | 131.54              | 124.31  | 123.20                | 121.80 | -1.40                | -1.14          | -2.51  | -2.02   |
| Burma           | 6.00             | 6.20    | 6.20                  | 6.20   | 3.10                    | 2.90    | 2.90                  | 2.90 | 10.77               | 10.44   | 10.44                 | 10.44  | 0.00                 | 0.00           | 0.00   | 0.00    |
| Bangladesh      | 10.89            | 11.00   | 10.90                 | 10.90  | 3.46                    | 3.48    | 3.58                  | 3.58 | 25.09               | 25.50   | 26.00                 | 26.00  | 0.00                 | 0.00           | 0.50   | 1.96    |
| Japan           | 1.77             | 1.71    | 1.68                  | 1.68   | 6.70                    | 6.64    | 6.59                  | 6.59 | 8.64                | 8.24    | 8.08                  | 8.08   | 0.00                 | 0.00           | -0.17  | -2.03   |
| South Korea     | 1.07             | 1.08    | 1.04                  | 1.05   | 6.71                    | 6.88    | 6.50                  | 6.42 | 5.29                | 5.52    | 5.00                  | 5.00   | 0.00                 | 0.00           | -0.51  | -9.34   |
| Egypt           | 0.66             | 0.56    | 0.60                  | 0.60   | 9.31                    | 9.77    | 9.74                  | 9.74 | 3.97                | 3.58    | 3.80                  | 3.80   | 0.00                 | 0.00           | 0.22   | 6.29    |
| Taiwan          | 0.34             | 0.34    | 0.31                  | 0.31   | 5.61                    | 5.18    | 6.00                  | 6.00 | 1.34                | 1.25    | 1.28                  | 1.28   | 0.00                 | 0.00           | 0.03   | 2.49    |
| FSU-12          | 0.35             | 0.30    | 0.33                  | 0.35   | 3.23                    | 3.28    | 3.34                  | 3.22 | 0.74                | 0.65    | 0.72                  | 0.73   | 0.00                 | 0.69           | 0.08   | 12.50   |
| Russia          | 0.18             | 0.15    | 0.16                  | 0.16   | 3.35                    | 3.23    | 3.21                  | 3.21 | 0.38                | 0.32    | 0.32                  | 0.32   | 0.00                 | 0.00           | 0.00   | 0.00    |
| Australia       | 0.19             | 0.15    | 0.12                  | 0.05   | 9.46                    | 8.62    | 8.75                  | 8.82 | 1.26                | 0.93    | 0.75                  | 0.32   | -0.44                | -58.06         | -0.62  | -66.13  |
| Others          | 12.92            | 13.17   | 12.78                 | 12.78  | 2.71                    | 2.68    | 2.74                  | 2.74 | 22.76               | 22.93   | 22.81                 | 22.81  | 0.00                 | 0.00           | -0.11  | -0.50   |

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

| Country/Region      | Area             |         |                       |        | Yield                   |         |                       |      | Production          |         |                       |        | Change in Production |                |       |         |
|---------------------|------------------|---------|-----------------------|--------|-------------------------|---------|-----------------------|------|---------------------|---------|-----------------------|--------|----------------------|----------------|-------|---------|
|                     | Prel.<br>2000/01 | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.   | Prel.<br>2000/01        | 2001/02 | 2002/03 Proj.<br>Nov. | Dec. | Prel.<br>2000/01    | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.   | From last month      | From last year |       |         |
|                     | Million hectares |         |                       |        | Metric tons per hectare |         |                       |      | Million metric tons |         |                       |        | MMT                  | Percent        | MMT   | Percent |
| World Total 1/      | --               | --      | --                    | --     | --                      | --      | --                    | --   | 313.44              | 323.53  | 321.66                | 321.71 | 0.05                 | 0.02           | -1.82 | -0.56   |
| Total Foreign 1/    | --               | --      | --                    | --     | --                      | --      | --                    | --   | 228.55              | 233.69  | 238.93                | 239.12 | 0.19                 | 0.08           | 5.43  | 2.32    |
| Copra               | --               | --      | --                    | --     | --                      | --      | --                    | --   | 5.79                | 5.18    | 5.30                  | 5.23   | -0.07                | -1.36          | 0.05  | 0.87    |
| Palm Kernel         | --               | --      | --                    | --     | --                      | --      | --                    | --   | 7.03                | 7.24    | 7.40                  | 7.49   | 0.09                 | 1.20           | 0.25  | 3.44    |
| Major Oilseeds 2/   | 174.84           | 177.49  | 176.80                | 176.29 | 1.72                    | 1.75    | 1.75                  | 1.75 | 300.62              | 311.10  | 308.96                | 308.99 | 0.03                 | 0.01           | -2.11 | -0.68   |
| United States 2/    | 36.81            | 37.32   | 36.31                 | 36.31  | 2.31                    | 2.41    | 2.28                  | 2.27 | 84.89               | 89.83   | 82.73                 | 82.59  | -0.14                | -0.17          | -7.25 | -8.07   |
| Foreign Oilseeds 2/ | 138.04           | 140.17  | 140.49                | 139.98 | 1.56                    | 1.58    | 1.61                  | 1.62 | 215.73              | 221.27  | 226.23                | 226.40 | 0.17                 | 0.08           | 5.13  | 2.32    |
| South America       | 30.46            | 33.62   | 36.68                 | 36.57  | 2.55                    | 2.50    | 2.54                  | 2.55 | 77.52               | 84.19   | 93.24                 | 93.14  | -0.11                | -0.11          | 8.95  | 10.63   |
| Brazil              | 14.94            | 17.25   | 18.87                 | 18.87  | 2.73                    | 2.61    | 2.68                  | 2.68 | 40.79               | 45.08   | 50.62                 | 50.62  | 0.00                 | 0.00           | 5.54  | 12.29   |
| Argentina           | 12.92            | 13.76   | 15.02                 | 14.91  | 2.44                    | 2.48    | 2.46                  | 2.47 | 31.53               | 34.14   | 36.97                 | 36.86  | -0.10                | -0.28          | 2.72  | 7.97    |
| Paraguay            | 1.67             | 1.60    | 1.73                  | 1.73   | 2.22                    | 2.01    | 2.24                  | 2.24 | 3.71                | 3.22    | 3.88                  | 3.88   | 0.00                 | 0.00           | 0.66  | 20.50   |
| China               | 26.94            | 27.40   | 27.15                 | 27.15  | 1.90                    | 1.90    | 1.90                  | 1.90 | 51.13               | 52.19   | 51.62                 | 51.62  | 0.00                 | 0.00           | -0.57 | -1.09   |
| India               | 29.70            | 30.58   | 29.25                 | 29.20  | 0.70                    | 0.79    | 0.75                  | 0.76 | 20.83               | 24.05   | 22.03                 | 22.18  | 0.15                 | 0.68           | -1.88 | -7.80   |
| European Union      | 5.81             | 5.85    | 5.53                  | 5.53   | 2.44                    | 2.38    | 2.46                  | 2.46 | 14.18               | 13.92   | 13.57                 | 13.57  | 0.00                 | 0.00           | -0.34 | -2.48   |
| France              | 2.01             | 1.92    | 1.75                  | 1.75   | 2.78                    | 2.47    | 2.83                  | 2.83 | 5.59                | 4.76    | 4.96                  | 4.96   | 0.00                 | 0.00           | 0.20  | 4.20    |
| Italy               | 0.56             | 0.57    | 0.41                  | 0.41   | 2.38                    | 2.34    | 2.55                  | 2.55 | 1.32                | 1.32    | 1.03                  | 1.03   | 0.00                 | 0.00           | -0.29 | -21.90  |
| Germany             | 1.11             | 1.16    | 1.33                  | 1.33   | 3.30                    | 3.62    | 2.94                  | 2.94 | 3.65                | 4.22    | 3.90                  | 3.90   | 0.00                 | 0.00           | -0.31 | -7.45   |
| Spain               | 0.96             | 0.97    | 0.87                  | 0.87   | 1.06                    | 1.06    | 1.09                  | 1.09 | 1.02                | 1.03    | 0.95                  | 0.95   | 0.00                 | 0.00           | -0.08 | -8.16   |
| United Kingdom      | 0.40             | 0.45    | 0.42                  | 0.42   | 2.88                    | 2.57    | 3.33                  | 3.33 | 1.16                | 1.16    | 1.40                  | 1.40   | 0.00                 | 0.00           | 0.24  | 20.79   |
| FSU-12              | 11.36            | 10.21   | 10.79                 | 10.79  | 0.99                    | 0.90    | 0.96                  | 0.97 | 11.27               | 9.19    | 10.40                 | 10.42  | 0.02                 | 0.22           | 1.23  | 13.33   |
| Russia              | 5.19             | 4.43    | 4.75                  | 4.75   | 0.85                    | 0.72    | 0.80                  | 0.80 | 4.41                | 3.19    | 3.82                  | 3.82   | 0.00                 | 0.00           | 0.63  | 19.75   |
| Ukraine             | 3.06             | 2.59    | 2.89                  | 2.89   | 1.19                    | 0.94    | 1.10                  | 1.10 | 3.65                | 2.44    | 3.19                  | 3.19   | 0.00                 | 0.00           | 0.75  | 30.52   |
| Uzbekistan          | 1.42             | 1.43    | 1.42                  | 1.42   | 1.36                    | 1.47    | 1.44                  | 1.44 | 1.92                | 2.10    | 2.05                  | 2.05   | 0.00                 | 0.00           | -0.05 | -2.38   |
| Turkmenistan        | 0.48             | 0.52    | 0.50                  | 0.50   | 0.69                    | 0.66    | 0.56                  | 0.56 | 0.33                | 0.34    | 0.28                  | 0.28   | 0.00                 | 0.00           | -0.06 | -17.40  |
| Canada              | 5.95             | 4.90    | 4.27                  | 3.98   | 1.69                    | 1.36    | 1.35                  | 1.53 | 10.03               | 6.65    | 5.78                  | 6.08   | 0.29                 | 5.10           | -0.58 | -8.70   |
| Indonesia           | 1.50             | 1.34    | 1.47                  | 1.47   | 1.38                    | 1.38    | 1.33                  | 1.33 | 2.07                | 1.84    | 1.95                  | 1.95   | 0.00                 | 0.00           | 0.11  | 6.20    |
| Pakistan            | 3.45             | 3.52    | 3.12                  | 3.12   | 1.19                    | 1.09    | 1.22                  | 1.22 | 4.11                | 3.86    | 3.81                  | 3.81   | 0.00                 | 0.00           | -0.04 | -1.11   |
| Eastern Europe      | 3.18             | 3.10    | 3.19                  | 3.19   | 1.45                    | 1.72    | 1.65                  | 1.67 | 4.62                | 5.35    | 5.27                  | 5.32   | 0.05                 | 0.95           | -0.03 | -0.50   |
| Poland              | 0.44             | 0.44    | 0.43                  | 0.43   | 2.19                    | 2.40    | 2.34                  | 2.34 | 0.96                | 1.06    | 1.00                  | 1.00   | 0.00                 | 0.00           | -0.06 | -6.02   |
| Romania             | 0.98             | 0.89    | 0.94                  | 0.94   | 0.88                    | 0.99    | 1.16                  | 1.16 | 0.86                | 0.89    | 1.08                  | 1.08   | 0.00                 | 0.00           | 0.20  | 22.03   |
| Hungary             | 0.45             | 0.47    | 0.54                  | 0.54   | 1.60                    | 1.94    | 1.74                  | 1.74 | 0.72                | 0.92    | 0.93                  | 0.93   | 0.00                 | 0.00           | 0.02  | 1.63    |
| Turkey              | 1.26             | 1.26    | 1.44                  | 1.44   | 1.49                    | 1.53    | 1.59                  | 1.60 | 1.88                | 1.92    | 2.29                  | 2.30   | 0.01                 | 0.66           | 0.38  | 19.67   |
| Philippines         | 0.03             | 0.03    | 0.03                  | 0.03   | 1.00                    | 1.00    | 1.00                  | 1.00 | 0.03                | 0.03    | 0.03                  | 0.03   | 0.00                 | 0.00           | 0.00  | 0.00    |
| Mexico              | 0.23             | 0.24    | 0.20                  | 0.20   | 1.62                    | 1.69    | 1.66                  | 1.66 | 0.37                | 0.40    | 0.33                  | 0.33   | 0.00                 | 0.00           | -0.08 | -18.61  |
| Others              | 18.19            | 18.12   | 17.38                 | 17.31  | 0.97                    | 0.98    | 0.92                  | 0.90 | 17.71               | 17.68   | 15.91                 | 15.66  | -0.25                | -1.60          | -2.02 | -11.44  |

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.<br>2000/01 | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.  | Prel.<br>2000/01        | 2001/02 | 2002/03 Proj.<br>Nov. | Dec. | Prel.<br>2000/01    | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.   | From last month      | From last year |       |         |
|                 | Million hectares |         |                       |       | Metric tons per hectare |         |                       |      | Million metric tons |         |                       |        | MMT                  | Percent        | MMT   | Percent |
| World           | 75.35            | 79.41   | 81.15                 | 81.15 | 2.32                    | 2.32    | 2.33                  | 2.33 | 175.10              | 184.30  | 188.81                | 188.81 | 0.00                 | 0.00           | 4.50  | 2.44    |
| United States   | 29.30            | 29.53   | 29.06                 | 29.06 | 2.56                    | 2.66    | 2.52                  | 2.52 | 75.06               | 78.67   | 73.20                 | 73.20  | 0.00                 | 0.00           | -5.47 | -6.95   |
| Total Foreign   | 46.04            | 49.87   | 52.09                 | 52.09 | 2.17                    | 2.12    | 2.22                  | 2.22 | 100.04              | 105.63  | 115.60                | 115.60 | 0.00                 | 0.00           | 9.97  | 9.44    |
| Major Exporters | 25.68            | 29.17   | 31.75                 | 31.75 | 2.74                    | 2.63    | 2.68                  | 2.68 | 70.32               | 76.60   | 85.20                 | 85.20  | 0.00                 | 0.00           | 8.60  | 11.23   |
| Brazil          | 13.93            | 16.35   | 18.00                 | 18.00 | 2.80                    | 2.66    | 2.72                  | 2.72 | 39.00               | 43.50   | 49.00                 | 49.00  | 0.00                 | 0.00           | 5.50  | 12.64   |
| Argentina       | 10.40            | 11.40   | 12.30                 | 12.30 | 2.67                    | 2.63    | 2.64                  | 2.64 | 27.80               | 30.00   | 32.50                 | 32.50  | 0.00                 | 0.00           | 2.50  | 8.33    |
| Paraguay        | 1.35             | 1.42    | 1.45                  | 1.45  | 2.61                    | 2.18    | 2.55                  | 2.55 | 3.52                | 3.10    | 3.70                  | 3.70   | 0.00                 | 0.00           | 0.60  | 19.35   |
| Other Foreign   | 20.36            | 20.70   | 20.34                 | 20.34 | 1.46                    | 1.40    | 1.49                  | 1.49 | 29.72               | 29.03   | 30.40                 | 30.40  | 0.00                 | 0.00           | 1.37  | 4.73    |
| China           | 9.30             | 9.48    | 9.40                  | 9.40  | 1.66                    | 1.63    | 1.74                  | 1.74 | 15.40               | 15.41   | 16.40                 | 16.40  | 0.00                 | 0.00           | 0.99  | 6.42    |
| India           | 5.80             | 6.00    | 5.60                  | 5.60  | 0.91                    | 0.90    | 0.89                  | 0.89 | 5.25                | 5.40    | 5.00                  | 5.00   | 0.00                 | 0.00           | -0.40 | -7.41   |
| Canada          | 1.06             | 1.07    | 1.02                  | 1.02  | 2.55                    | 1.52    | 2.30                  | 2.29 | 2.70                | 1.63    | 2.35                  | 2.34   | -0.01                | -0.64          | 0.71  | 43.25   |
| Indonesia       | 0.83             | 0.68    | 0.80                  | 0.80  | 1.24                    | 1.22    | 1.16                  | 1.16 | 1.02                | 0.83    | 0.93                  | 0.93   | 0.00                 | 0.00           | 0.10  | 12.59   |
| Eastern Europe  | 0.26             | 0.22    | 0.28                  | 0.28  | 1.21                    | 2.07    | 1.91                  | 1.91 | 0.32                | 0.46    | 0.53                  | 0.53   | 0.00                 | 0.00           | 0.07  | 14.10   |
| European Union  | 0.35             | 0.39    | 0.30                  | 0.30  | 3.04                    | 3.10    | 3.19                  | 3.19 | 1.05                | 1.21    | 0.95                  | 0.95   | 0.00                 | 0.00           | -0.27 | -21.99  |
| FSU-12          | 0.40             | 0.49    | 0.54                  | 0.54  | 1.01                    | 0.86    | 0.89                  | 0.89 | 0.41                | 0.42    | 0.48                  | 0.48   | 0.00                 | 0.00           | 0.05  | 12.03   |
| Russia          | 0.34             | 0.42    | 0.43                  | 0.43  | 1.01                    | 0.83    | 0.86                  | 0.86 | 0.34                | 0.35    | 0.37                  | 0.37   | 0.00                 | 0.00           | 0.02  | 5.71    |
| Ukraine         | 0.06             | 0.07    | 0.11                  | 0.11  | 1.05                    | 1.01    | 1.00                  | 1.00 | 0.06                | 0.07    | 0.11                  | 0.11   | 0.00                 | 0.00           | 0.03  | 41.89   |
| Mexico          | 0.07             | 0.08    | 0.08                  | 0.08  | 1.47                    | 1.56    | 1.67                  | 1.67 | 0.10                | 0.12    | 0.13                  | 0.13   | 0.00                 | 0.00           | 0.01  | 5.83    |
| Thailand        | 0.22             | 0.21    | 0.21                  | 0.21  | 1.42                    | 1.39    | 1.43                  | 1.43 | 0.31                | 0.29    | 0.30                  | 0.30   | 0.00                 | 0.00           | 0.01  | 2.74    |
| North Korea     | 0.31             | 0.31    | 0.32                  | 0.32  | 1.13                    | 1.13    | 1.14                  | 1.14 | 0.35                | 0.35    | 0.36                  | 0.36   | 0.00                 | 0.00           | 0.01  | 2.86    |
| Japan           | 0.12             | 0.14    | 0.15                  | 0.15  | 1.91                    | 1.88    | 1.87                  | 1.87 | 0.24                | 0.27    | 0.28                  | 0.28   | 0.00                 | 0.00           | 0.01  | 3.32    |
| Bolivia         | 0.60             | 0.64    | 0.68                  | 0.68  | 1.72                    | 1.94    | 1.91                  | 1.91 | 1.03                | 1.24    | 1.30                  | 1.30   | 0.00                 | 0.00           | 0.06  | 4.84    |
| South Korea     | 0.09             | 0.08    | 0.08                  | 0.08  | 1.31                    | 1.51    | 1.43                  | 1.43 | 0.11                | 0.12    | 0.11                  | 0.11   | 0.00                 | 0.00           | -0.00 | -3.39   |
| Colombia        | 0.02             | 0.03    | 0.03                  | 0.03  | 2.70                    | 2.32    | 2.32                  | 2.32 | 0.06                | 0.06    | 0.06                  | 0.06   | 0.00                 | 0.00           | 0.00  | 0.00    |
| Others          | 0.93             | 0.88    | 0.88                  | 0.88  | 1.47                    | 1.38    | 1.41                  | 1.43 | 1.37                | 1.22    | 1.24                  | 1.25   | 0.01                 | 1.21           | 0.04  | 2.96    |

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**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 | Nov.          | Dec.  | 2000/01                 | 2001/02 | Nov.          | Dec. | 2000/01             | 2001/02 | Nov.          | Dec.  |                      |                |       |         |
|                    | Million hectares |         |               |       | Metric tons per hectare |         |               |      | Million metric tons |         |               |       | MMT                  | Percent        | MMT   | Percent |
| World              | 31.43            | 32.83   | 30.16         | 30.00 | 1.07                    | 1.11    | 1.10          | 1.10 | 33.53               | 36.60   | 33.22         | 33.07 | -0.15                | -0.46          | -3.53 | -9.63   |
| United States      | 5.28             | 5.60    | 5.21          | 5.21  | 1.11                    | 1.21    | 1.16          | 1.13 | 5.84                | 6.76    | 6.04          | 5.89  | -0.14                | -2.34          | -0.87 | -12.82  |
| Total Foreign      | 26.15            | 27.24   | 24.95         | 24.79 | 1.06                    | 1.10    | 1.09          | 1.10 | 27.69               | 29.83   | 27.19         | 27.18 | -0.01                | -0.04          | -2.66 | -8.91   |
| China              | 4.06             | 4.82    | 4.20          | 4.20  | 1.96                    | 1.98    | 2.01          | 2.01 | 7.96                | 9.56    | 8.42          | 8.42  | 0.00                 | 0.00           | -1.14 | -11.88  |
| FSU-12             | 2.41             | 2.49    | 2.44          | 2.44  | 1.12                    | 1.23    | 1.18          | 1.18 | 2.70                | 3.06    | 2.87          | 2.89  | 0.02                 | 0.80           | -0.17 | -5.62   |
| Uzbekistan         | 1.42             | 1.43    | 1.42          | 1.42  | 1.36                    | 1.47    | 1.44          | 1.44 | 1.92                | 2.10    | 2.05          | 2.05  | 0.00                 | 0.00           | -0.05 | -2.38   |
| Turkmenistan       | 0.48             | 0.52    | 0.50          | 0.50  | 0.69                    | 0.66    | 0.56          | 0.56 | 0.33                | 0.34    | 0.28          | 0.28  | 0.00                 | 0.00           | -0.06 | -17.40  |
| India              | 8.58             | 8.73    | 7.85          | 7.80  | 0.57                    | 0.58    | 0.59          | 0.61 | 4.90                | 5.10    | 4.60          | 4.75  | 0.15                 | 3.26           | -0.35 | -6.86   |
| Pakistan           | 2.93             | 3.13    | 2.70          | 2.70  | 1.22                    | 1.11    | 1.26          | 1.26 | 3.57                | 3.48    | 3.40          | 3.40  | 0.00                 | 0.00           | -0.08 | -2.41   |
| Brazil             | 0.85             | 0.75    | 0.72          | 0.72  | 1.78                    | 1.75    | 1.88          | 1.88 | 1.52                | 1.31    | 1.35          | 1.35  | 0.00                 | 0.00           | 0.04  | 3.05    |
| Turkey             | 0.65             | 0.69    | 0.71          | 0.71  | 1.79                    | 1.83    | 1.83          | 1.83 | 1.17                | 1.27    | 1.30          | 1.30  | 0.00                 | 0.00           | 0.03  | 2.60    |
| African Franc Zone | 1.96             | 2.34    | 2.24          | 2.24  | 0.62                    | 0.73    | 0.64          | 0.64 | 1.21                | 1.70    | 1.42          | 1.42  | 0.00                 | 0.00           | -0.28 | -16.55  |
| Australia          | 0.51             | 0.42    | 0.28          | 0.23  | 2.10                    | 2.30    | 2.29          | 2.13 | 1.06                | 0.97    | 0.64          | 0.48  | -0.16                | -25.00         | -0.49 | -50.41  |
| Egypt              | 0.22             | 0.32    | 0.33          | 0.33  | 1.37                    | 1.37    | 1.37          | 1.37 | 0.31                | 0.43    | 0.45          | 0.45  | 0.00                 | 0.00           | 0.01  | 3.01    |
| Argentina          | 0.38             | 0.17    | 0.22          | 0.16  | 0.75                    | 0.67    | 0.68          | 0.69 | 0.29                | 0.11    | 0.15          | 0.11  | -0.04                | -26.67         | 0.00  | 0.00    |
| Paraguay           | 0.30             | 0.15    | 0.25          | 0.25  | 0.52                    | 0.53    | 0.56          | 0.56 | 0.16                | 0.08    | 0.14          | 0.14  | 0.00                 | 0.00           | 0.06  | 75.00   |
| Greece             | 0.41             | 0.41    | 0.38          | 0.38  | 1.57                    | 1.62    | 1.41          | 1.41 | 0.65                | 0.66    | 0.54          | 0.54  | 0.00                 | 0.00           | -0.13 | -19.00  |
| Syria              | 0.27             | 0.26    | 0.18          | 0.18  | 2.74                    | 2.71    | 3.06          | 3.06 | 0.74                | 0.71    | 0.55          | 0.55  | 0.00                 | 0.00           | -0.15 | -21.99  |
| Mexico             | 0.08             | 0.08    | 0.04          | 0.04  | 1.65                    | 1.79    | 1.60          | 1.60 | 0.13                | 0.15    | 0.06          | 0.06  | 0.00                 | 0.00           | -0.08 | -56.46  |
| Iran               | 0.26             | 0.20    | 0.16          | 0.16  | 0.83                    | 0.84    | 0.91          | 0.91 | 0.22                | 0.17    | 0.15          | 0.15  | 0.00                 | 0.00           | -0.02 | -13.69  |
| Sudan              | 0.24             | 0.15    | 0.18          | 0.18  | 0.74                    | 0.94    | 1.06          | 1.06 | 0.17                | 0.14    | 0.19          | 0.19  | 0.00                 | 0.00           | 0.05  | 34.75   |
| Others             | 2.05             | 2.14    | 2.08          | 2.08  | 0.45                    | 0.44    | 0.46          | 0.47 | 0.93                | 0.93    | 0.96          | 0.98  | 0.02                 | 1.56           | 0.05  | 4.93    |

**TABLE 13**  
**Peanut 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 | Nov.          | Dec.  | 2000/01                 | 2001/02 | Nov.          | Dec. | 2000/01             | 2001/02 | Nov.          | Dec.  |                      |                |       |         |
|                      | Million hectares |         |               |       | Metric tons per hectare |         |               |      | Million metric tons |         |               |       | MMT                  | Percent        | MMT   | Percent |
| World                | 22.64            | 22.75   | 22.51         | 22.45 | 1.37                    | 1.45    | 1.41          | 1.41 | 31.11               | 33.10   | 31.73         | 31.65 | -0.08                | -0.24          | -1.45 | -4.37   |
| United States        | 0.54             | 0.57    | 0.55          | 0.55  | 2.74                    | 3.40    | 2.89          | 2.89 | 1.48                | 1.94    | 1.59          | 1.59  | 0.00                 | 0.00           | -0.35 | -17.94  |
| Total Foreign        | 22.10            | 22.18   | 21.96         | 21.90 | 1.34                    | 1.40    | 1.37          | 1.37 | 29.63               | 31.16   | 30.14         | 30.06 | -0.08                | -0.25          | -1.10 | -3.53   |
| China                | 4.86             | 4.99    | 5.00          | 5.00  | 2.97                    | 2.89    | 2.90          | 2.90 | 14.44               | 14.42   | 14.50         | 14.50 | 0.00                 | 0.00           | 0.09  | 0.59    |
| India                | 8.10             | 8.20    | 8.10          | 8.10  | 0.70                    | 0.93    | 0.83          | 0.83 | 5.70                | 7.60    | 6.70          | 6.70  | 0.00                 | 0.00           | -0.90 | -11.84  |
| Indonesia            | 0.65             | 0.64    | 0.65          | 0.65  | 1.60                    | 1.56    | 1.54          | 1.54 | 1.04                | 0.99    | 1.00          | 1.00  | 0.00                 | 0.00           | 0.01  | 1.01    |
| Senegal              | 1.03             | 0.92    | 0.75          | 0.75  | 0.97                    | 0.98    | 0.67          | 0.67 | 1.00                | 0.90    | 0.50          | 0.50  | 0.00                 | 0.00           | -0.40 | -44.63  |
| Burma                | 0.53             | 0.53    | 0.53          | 0.53  | 1.21                    | 1.21    | 1.21          | 1.21 | 0.64                | 0.64    | 0.64          | 0.64  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Sudan                | 0.55             | 0.55    | 0.55          | 0.55  | 0.67                    | 0.67    | 0.67          | 0.67 | 0.37                | 0.37    | 0.37          | 0.37  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Zaire                | 0.49             | 0.49    | 0.50          | 0.50  | 0.78                    | 0.78    | 0.78          | 0.78 | 0.38                | 0.38    | 0.39          | 0.39  | 0.00                 | 0.00           | 0.01  | 2.09    |
| Argentina            | 0.25             | 0.22    | 0.20          | 0.15  | 1.57                    | 1.51    | 1.58          | 1.67 | 0.40                | 0.33    | 0.32          | 0.25  | -0.07                | -20.63         | -0.08 | -24.24  |
| Nigeria              | 1.21             | 1.22    | 1.23          | 1.23  | 1.21                    | 1.22    | 1.23          | 1.23 | 1.47                | 1.49    | 1.51          | 1.51  | 0.00                 | 0.00           | 0.02  | 1.34    |
| Vietnam              | 0.24             | 0.27    | 0.27          | 0.27  | 1.45                    | 1.31    | 1.37          | 1.37 | 0.35                | 0.35    | 0.37          | 0.37  | 0.00                 | 0.00           | 0.02  | 4.82    |
| South Africa         | 0.16             | 0.09    | 0.07          | 0.07  | 1.16                    | 1.30    | 1.54          | 1.54 | 0.19                | 0.12    | 0.10          | 0.10  | 0.00                 | 0.00           | -0.02 | -16.67  |
| Thailand             | 0.09             | 0.09    | 0.10          | 0.10  | 1.50                    | 1.50    | 1.42          | 1.42 | 0.14                | 0.14    | 0.14          | 0.14  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Burkina Faso         | 0.22             | 0.22    | 0.22          | 0.22  | 0.95                    | 0.95    | 0.95          | 0.95 | 0.21                | 0.21    | 0.21          | 0.21  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Brazil               | 0.10             | 0.10    | 0.10          | 0.10  | 1.92                    | 2.01    | 1.95          | 1.95 | 0.20                | 0.20    | 0.20          | 0.20  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Central African Rep. | 0.10             | 0.10    | 0.10          | 0.10  | 1.16                    | 1.22    | 1.22          | 1.22 | 0.12                | 0.12    | 0.12          | 0.12  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Cameroon             | 0.32             | 0.32    | 0.32          | 0.32  | 0.30                    | 0.31    | 0.31          | 0.31 | 0.10                | 0.10    | 0.10          | 0.10  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Cote d'Ivoire        | 0.15             | 0.15    | 0.15          | 0.15  | 1.00                    | 1.00    | 1.00          | 1.00 | 0.15                | 0.15    | 0.15          | 0.15  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Mexico               | 0.08             | 0.08    | 0.08          | 0.08  | 1.72                    | 1.73    | 1.70          | 1.70 | 0.13                | 0.14    | 0.14          | 0.14  | 0.00                 | 0.00           | 0.00  | 0.74    |
| Gambia               | 0.12             | 0.13    | 0.13          | 0.13  | 1.17                    | 1.17    | 1.17          | 1.17 | 0.14                | 0.15    | 0.15          | 0.15  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Others               | 2.86             | 2.89    | 2.93          | 2.92  | 0.87                    | 0.82    | 0.87          | 0.87 | 2.49                | 2.38    | 2.55          | 2.54  | -0.01                | -0.39          | 0.16  | 6.86    |

**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. | Prel. | 2002/03 Proj. | From last month     | From last year |       |       |                      |         |       |         |
|                | 2000/01          | 2001/02       | Nov.  | Dec.          | 2000/01                 | 2001/02       | Nov.  | Dec.          | 2000/01             | 2001/02        | Nov.  | Dec.  | MMT                  | Percent | MMT   | Percent |
|                | Million hectares |               |       |               | Metric tons per hectare |               |       |               | Million metric tons |                |       |       |                      |         |       |         |
| World          | 20.32            | 19.15         | 20.35 | 20.35         | 1.15                    | 1.11          | 1.14  | 1.15          | 23.29               | 21.25          | 23.24 | 23.32 | 0.08                 | 0.34    | 2.08  | 9.77    |
| United States  | 1.07             | 1.03          | 0.94  | 0.94          | 1.50                    | 1.50          | 1.25  | 1.25          | 1.61                | 1.55           | 1.18  | 1.18  | 0.00                 | 0.00    | -0.38 | -24.18  |
| Total Foreign  | 19.25            | 18.11         | 19.41 | 19.41         | 1.13                    | 1.09          | 1.14  | 1.14          | 21.68               | 19.70          | 22.07 | 22.15 | 0.08                 | 0.36    | 2.45  | 12.44   |
| FSU-12         | 7.95             | 6.68          | 7.28  | 7.28          | 0.98                    | 0.80          | 0.92  | 0.92          | 7.76                | 5.34           | 6.69  | 6.69  | 0.00                 | 0.00    | 1.35  | 25.33   |
| Russia         | 4.63             | 3.80          | 4.10  | 4.10          | 0.85                    | 0.71          | 0.80  | 0.80          | 3.92                | 2.70           | 3.30  | 3.30  | 0.00                 | 0.00    | 0.60  | 22.22   |
| Ukraine        | 2.84             | 2.40          | 2.70  | 2.70          | 1.22                    | 0.94          | 1.11  | 1.11          | 3.46                | 2.25           | 3.00  | 3.00  | 0.00                 | 0.00    | 0.75  | 33.33   |
| Argentina      | 1.89             | 1.98          | 2.30  | 2.30          | 1.62                    | 1.87          | 1.74  | 1.74          | 3.05                | 3.70           | 4.00  | 4.00  | 0.00                 | 0.00    | 0.30  | 8.11    |
| European Union | 1.92             | 1.93          | 1.66  | 1.66          | 1.73                    | 1.56          | 1.65  | 1.65          | 3.31                | 3.01           | 2.75  | 2.75  | 0.00                 | 0.00    | -0.26 | -8.77   |
| France         | 0.71             | 0.71          | 0.63  | 0.63          | 2.55                    | 2.23          | 2.38  | 2.38          | 1.81                | 1.58           | 1.50  | 1.50  | 0.00                 | 0.00    | -0.08 | -5.00   |
| Spain          | 0.84             | 0.85          | 0.76  | 0.76          | 1.02                    | 1.02          | 1.05  | 1.05          | 0.85                | 0.87           | 0.80  | 0.80  | 0.00                 | 0.00    | -0.07 | -8.15   |
| Italy          | 0.26             | 0.26          | 0.17  | 0.17          | 1.83                    | 1.52          | 1.76  | 1.76          | 0.48                | 0.40           | 0.30  | 0.30  | 0.00                 | 0.00    | -0.10 | -24.62  |
| Eastern Europe | 1.85             | 1.82          | 1.89  | 1.89          | 1.13                    | 1.28          | 1.36  | 1.39          | 2.10                | 2.33           | 2.57  | 2.62  | 0.05                 | 1.95    | 0.29  | 12.40   |
| Hungary        | 0.30             | 0.34          | 0.39  | 0.39          | 1.67                    | 1.96          | 1.79  | 1.79          | 0.50                | 0.66           | 0.70  | 0.70  | 0.00                 | 0.00    | 0.04  | 5.90    |
| Romania        | 0.82             | 0.79          | 0.80  | 0.80          | 0.87                    | 0.94          | 1.13  | 1.13          | 0.72                | 0.74           | 0.90  | 0.90  | 0.00                 | 0.00    | 0.16  | 20.97   |
| Serbia         | 0.15             | 0.17          | 0.17  | 0.17          | 1.48                    | 1.65          | 1.65  | 1.65          | 0.22                | 0.28           | 0.28  | 0.28  | 0.00                 | 0.00    | 0.00  | 0.00    |
| Bulgaria       | 0.45             | 0.40          | 0.40  | 0.40          | 0.93                    | 0.98          | 1.13  | 1.25          | 0.42                | 0.39           | 0.45  | 0.50  | 0.05                 | 11.11   | 0.11  | 27.55   |
| Czech Rep.     | 0.03             | 0.03          | 0.03  | 0.03          | 2.10                    | 2.17          | 2.17  | 2.17          | 0.07                | 0.07           | 0.07  | 0.07  | 0.00                 | 0.00    | 0.00  | 0.00    |
| China          | 1.23             | 1.02          | 1.15  | 1.15          | 1.59                    | 1.45          | 1.57  | 1.57          | 1.95                | 1.48           | 1.80  | 1.80  | 0.00                 | 0.00    | 0.32  | 21.79   |
| India          | 2.20             | 2.40          | 2.70  | 2.70          | 0.57                    | 0.60          | 0.60  | 0.60          | 1.25                | 1.45           | 1.63  | 1.63  | 0.00                 | 0.00    | 0.18  | 12.07   |
| Turkey         | 0.54             | 0.51          | 0.65  | 0.65          | 1.06                    | 1.02          | 1.26  | 1.26          | 0.58                | 0.52           | 0.82  | 0.82  | 0.00                 | 0.00    | 0.30  | 57.69   |
| South Africa   | 0.52             | 0.65          | 0.60  | 0.60          | 1.28                    | 1.30          | 1.25  | 1.25          | 0.66                | 0.84           | 0.75  | 0.75  | 0.00                 | 0.00    | -0.09 | -10.71  |
| Australia      | 0.07             | 0.07          | 0.08  | 0.08          | 1.01                    | 0.97          | 1.07  | 1.07          | 0.07                | 0.06           | 0.08  | 0.08  | 0.00                 | 0.00    | 0.02  | 26.98   |
| Burma          | 0.44             | 0.44          | 0.44  | 0.44          | 0.61                    | 0.61          | 0.61  | 0.61          | 0.27                | 0.27           | 0.27  | 0.27  | 0.00                 | 0.00    | 0.00  | 0.00    |
| Others         | 0.65             | 0.63          | 0.66  | 0.67          | 1.06                    | 1.11          | 1.08  | 1.12          | 0.68                | 0.69           | 0.71  | 0.74  | 0.03                 | 4.20    | 0.05  | 7.20    |

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Production Estimates and Crop Assessment Division, FAS, USDA

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

| Country/Region | Area             |         |                       |       | Yield                   |         |                       |      | Production          |         |                       |       | Change in Production |                |       |         |
|----------------|------------------|---------|-----------------------|-------|-------------------------|---------|-----------------------|------|---------------------|---------|-----------------------|-------|----------------------|----------------|-------|---------|
|                | Prel.<br>2000/01 | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.  | Prel.<br>2000/01        | 2001/02 | 2002/03 Proj.<br>Nov. | Dec. | Prel.<br>2000/01    | 2001/02 | 2002/03 Proj.<br>Nov. | Dec.  | From last month      | From last year |       |         |
|                | Million hectares |         |                       |       | Metric tons per hectare |         |                       |      | Million metric tons |         |                       |       | MMT                  | Percent        | MMT   | Percent |
| World          | 25.11            | 23.36   | 22.64                 | 22.34 | 1.50                    | 1.54    | 1.41                  | 1.44 | 37.60               | 35.86   | 31.96                 | 32.14 | 0.18                 | 0.56           | -3.72 | -10.38  |
| United States  | 0.61             | 0.59    | 0.56                  | 0.56  | 1.50                    | 1.54    | 1.29                  | 1.29 | 0.91                | 0.91    | 0.72                  | 0.72  | 0.00                 | 0.00           | -0.19 | -20.59  |
| Total Foreign  | 24.50            | 22.77   | 22.08                 | 21.78 | 1.50                    | 1.54    | 1.41                  | 1.44 | 36.69               | 34.95   | 31.24                 | 31.42 | 0.18                 | 0.58           | -3.53 | -10.11  |
| India          | 5.02             | 5.25    | 5.00                  | 5.00  | 0.74                    | 0.86    | 0.82                  | 0.82 | 3.73                | 4.50    | 4.10                  | 4.10  | 0.00                 | 0.00           | -0.40 | -8.89   |
| China          | 7.49             | 7.10    | 7.40                  | 7.40  | 1.52                    | 1.60    | 1.42                  | 1.42 | 11.38               | 11.33   | 10.50                 | 10.50 | 0.00                 | 0.00           | -0.83 | -7.33   |
| Canada         | 4.82             | 3.77    | 3.16                  | 2.86  | 1.50                    | 1.31    | 1.04                  | 1.25 | 7.21                | 4.93    | 3.30                  | 3.58  | 0.28                 | 8.48           | -1.35 | -27.32  |
| European Union | 3.04             | 3.03    | 3.10                  | 3.10  | 2.98                    | 2.95    | 2.98                  | 2.98 | 9.06                | 8.91    | 9.23                  | 9.23  | 0.00                 | 0.00           | 0.32  | 3.55    |
| France         | 1.23             | 1.10    | 1.04                  | 1.04  | 2.91                    | 2.64    | 3.13                  | 3.13 | 3.57                | 2.89    | 3.25                  | 3.25  | 0.00                 | 0.00           | 0.36  | 12.46   |
| Germany        | 1.08             | 1.14    | 1.30                  | 1.30  | 3.33                    | 3.66    | 2.96                  | 2.96 | 3.59                | 4.16    | 3.85                  | 3.85  | 0.00                 | 0.00           | -0.31 | -7.45   |
| United Kingdom | 0.40             | 0.45    | 0.42                  | 0.42  | 2.88                    | 2.57    | 3.33                  | 3.33 | 1.16                | 1.16    | 1.40                  | 1.40  | 0.00                 | 0.00           | 0.24  | 20.79   |
| Denmark        | 0.10             | 0.08    | 0.09                  | 0.09  | 2.95                    | 2.68    | 2.65                  | 2.65 | 0.29                | 0.21    | 0.23                  | 0.23  | 0.00                 | 0.00           | 0.01  | 6.13    |
| Sweden         | 0.05             | 0.04    | 0.07                  | 0.07  | 2.56                    | 2.55    | 2.54                  | 2.54 | 0.12                | 0.11    | 0.17                  | 0.17  | 0.00                 | 0.00           | 0.05  | 47.32   |
| Eastern Europe | 1.06             | 1.06    | 1.03                  | 1.03  | 2.08                    | 2.42    | 2.12                  | 2.12 | 2.20                | 2.56    | 2.18                  | 2.18  | 0.00                 | 0.00           | -0.38 | -14.91  |
| Poland         | 0.44             | 0.44    | 0.43                  | 0.43  | 2.19                    | 2.40    | 2.34                  | 2.34 | 0.96                | 1.06    | 1.00                  | 1.00  | 0.00                 | 0.00           | -0.06 | -6.02   |
| Czech Rep.     | 0.34             | 0.34    | 0.31                  | 0.31  | 2.52                    | 2.86    | 2.32                  | 2.32 | 0.84                | 0.97    | 0.72                  | 0.72  | 0.00                 | 0.00           | -0.25 | -26.00  |
| Australia      | 1.56             | 1.16    | 1.00                  | 1.00  | 1.22                    | 1.38    | 0.80                  | 0.70 | 1.91                | 1.60    | 0.80                  | 0.70  | -0.10                | -12.50         | -0.90 | -56.25  |
| FSU-12         | 0.60             | 0.55    | 0.54                  | 0.54  | 0.67                    | 0.67    | 0.68                  | 0.68 | 0.40                | 0.37    | 0.37                  | 0.37  | 0.00                 | 0.00           | -0.00 | -1.35   |
| Russia         | 0.22             | 0.21    | 0.22                  | 0.22  | 0.67                    | 0.67    | 0.68                  | 0.68 | 0.15                | 0.14    | 0.15                  | 0.15  | 0.00                 | 0.00           | 0.01  | 7.14    |
| Pakistan       | 0.33             | 0.27    | 0.27                  | 0.27  | 0.91                    | 0.85    | 0.85                  | 0.85 | 0.30                | 0.23    | 0.23                  | 0.23  | 0.00                 | 0.00           | -0.00 | -0.43   |
| Bangladesh     | 0.33             | 0.35    | 0.34                  | 0.34  | 0.76                    | 0.75    | 0.76                  | 0.76 | 0.25                | 0.26    | 0.26                  | 0.26  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Others         | 0.25             | 0.24    | 0.25                  | 0.25  | 1.08                    | 1.09    | 1.12                  | 1.12 | 0.27                | 0.27    | 0.28                  | 0.28  | -0.00                | -0.00          | 0.01  | 5.24    |

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

| Country/Region      | Production |               |       |       | Change in Production |                |       |         |
|---------------------|------------|---------------|-------|-------|----------------------|----------------|-------|---------|
|                     | Prel.      | 2002/03 Proj. |       |       |                      |                |       |         |
|                     | 2000/01    | 2001/02       | Nov.  | Dec.  | From last month      | From last year | MMT   | Percent |
| Million metric tons |            |               |       |       | MMT                  | Percent        | MMT   | Percent |
| <b>COPRA</b>        |            |               |       |       |                      |                |       |         |
| World               | 5.79       | 5.18          | 5.30  | 5.23  | -0.07                | -1.36          | 0.05  | 0.87    |
| Philippines         | 2.80       | 2.15          | 2.10  | 2.10  | 0.00                 | 0.00           | -0.05 | -2.33   |
| Indonesia           | 1.36       | 1.36          | 1.42  | 1.42  | 0.00                 | 0.00           | 0.06  | 4.41    |
| India               | 0.73       | 0.73          | 0.75  | 0.75  | 0.00                 | 0.00           | 0.02  | 3.45    |
| Mexico              | 0.16       | 0.17          | 0.18  | 0.18  | 0.00                 | 0.00           | 0.01  | 6.06    |
| Sri Lanka           | 0.05       | 0.05          | 0.05  | 0.05  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Vietnam             | 0.24       | 0.24          | 0.24  | 0.24  | 0.00                 | 0.00           | 0.00  | 0.00    |
| Malaysia            | 0.01       | 0.01          | 0.01  | 0.01  | 0.00                 | 0.00           | -0.00 | -7.69   |
| Others              | 0.44       | 0.48          | 0.55  | 0.48  | -0.07                | -13.14         | 0.00  | 0.21    |
| <b>PALM KERNEL</b>  |            |               |       |       |                      |                |       |         |
| World               | 7.03       | 7.24          | 7.40  | 7.49  | 0.09                 | 1.20           | 0.25  | 3.44    |
| Malaysia            | 3.41       | 3.30          | 3.42  | 3.42  | 0.00                 | 0.00           | 0.12  | 3.73    |
| Indonesia           | 2.44       | 2.68          | 2.71  | 2.80  | 0.09                 | 3.28           | 0.12  | 4.48    |
| Nigeria             | 0.32       | 0.35          | 0.36  | 0.36  | 0.00                 | 0.00           | 0.01  | 2.86    |
| Cote d'Ivoire       | 0.05       | 0.06          | 0.06  | 0.06  | 0.00                 | 0.00           | 0.00  | 1.75    |
| Colombia            | 0.12       | 0.12          | 0.13  | 0.13  | 0.00                 | 0.00           | 0.01  | 5.93    |
| Thailand            | 0.12       | 0.16          | 0.13  | 0.13  | 0.00                 | 0.00           | -0.03 | -16.67  |
| Zaire               | 0.04       | 0.05          | 0.05  | 0.05  | 0.00                 | 0.00           | 0.00  | 4.44    |
| Ecuador             | 0.04       | 0.05          | 0.05  | 0.05  | 0.00                 | 0.00           | 0.00  | 5.88    |
| Others              | 0.49       | 0.49          | 0.50  | 0.50  | -0.00                | -0.00          | 0.01  | 1.84    |
| <b>PALM OIL</b>     |            |               |       |       |                      |                |       |         |
| World               | 24.33      | 25.34         | 25.37 | 25.67 | 0.30                 | 1.18           | 0.33  | 1.31    |
| Malaysia            | 11.94      | 11.86         | 11.80 | 11.80 | 0.00                 | 0.00           | -0.06 | -0.49   |
| Indonesia           | 8.30       | 9.10          | 9.20  | 9.50  | 0.30                 | 3.26           | 0.40  | 4.40    |
| Nigeria             | 0.73       | 0.76          | 0.78  | 0.78  | 0.00                 | 0.00           | 0.02  | 2.63    |
| Cote d'Ivoire       | 0.25       | 0.27          | 0.28  | 0.28  | 0.00                 | 0.00           | 0.00  | 1.85    |
| Colombia            | 0.56       | 0.52          | 0.56  | 0.56  | 0.00                 | 0.00           | 0.04  | 7.69    |
| Thailand            | 0.58       | 0.78          | 0.65  | 0.65  | 0.00                 | 0.00           | -0.13 | -16.67  |
| Zaire               | 0.16       | 0.16          | 0.16  | 0.16  | 0.00                 | 0.00           | 0.00  | 1.91    |
| Ecuador             | 0.25       | 0.30          | 0.32  | 0.32  | 0.00                 | 0.00           | 0.02  | 6.67    |
| Others              | 1.58       | 1.59          | 1.63  | 1.63  | 0.00                 | 0.00           | 0.03  | 2.01    |

**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. |       | From last month      | From last year |        |         |
|                     | 2000/01          | 2001/02 | Nov.          | Dec.  | 2000/01               | 2001/02 | Nov.          | Dec.  | 2000/01               | 2001/02 | Nov.          | Dec.  |                      |                |        |         |
|                     | Million hectares |         |               |       | Kilograms per hectare |         |               |       | Million 480 lb. bales |         |               |       | MBales               | Percent        | MBales | Percent |
| World               | 32.40            | 33.91   | 31.23         | 31.07 | 596                   | 631     | 615           | 613   | 88.74                 | 98.35   | 88.14         | 87.41 | -0.72                | -0.82          | -10.94 | -11.12  |
| United States       | 5.28             | 5.60    | 5.21          | 5.21  | 708                   | 790     | 745           | 727   | 17.19                 | 20.30   | 17.82         | 17.38 | -0.44                | -2.47          | -2.93  | -14.42  |
| Total Foreign       | 27.12            | 28.32   | 26.02         | 25.86 | 574                   | 600     | 588           | 590   | 71.56                 | 78.05   | 70.32         | 70.04 | -0.28                | -0.41          | -8.01  | -10.26  |
| Major Exporters     | 14.59            | 15.53   | 14.38         | 14.27 | 778                   | 806     | 790           | 787   | 52.16                 | 57.47   | 52.17         | 51.55 | -0.62                | -1.19          | -5.92  | -10.31  |
| China               | 4.06             | 4.82    | 4.20          | 4.20  | 1,089                 | 1,102   | 1,115         | 1,115 | 20.30                 | 24.40   | 21.50         | 21.50 | 0.00                 | 0.00           | -2.90  | -11.89  |
| Pakistan            | 2.93             | 3.13    | 2.70          | 2.70  | 610                   | 577     | 629           | 629   | 8.20                  | 8.30    | 7.80          | 7.80  | 0.00                 | 0.00           | -0.50  | -6.02   |
| Sudan               | 0.24             | 0.15    | 0.18          | 0.18  | 315                   | 399     | 454           | 454   | 0.34                  | 0.28    | 0.38          | 0.38  | 0.00                 | 0.00           | 0.10   | 36.36   |
| Turkey              | 0.65             | 0.69    | 0.71          | 0.71  | 1,198                 | 1,249   | 1,257         | 1,257 | 3.60                  | 3.98    | 4.10          | 4.10  | 0.00                 | 0.00           | 0.13   | 3.14    |
| FSU-12              | 2.41             | 2.49    | 2.44          | 2.44  | 578                   | 642     | 605           | 608   | 6.39                  | 7.35    | 6.78          | 6.83  | 0.06                 | 0.81           | -0.52  | -7.07   |
| Uzbekistan          | 1.42             | 1.43    | 1.42          | 1.42  | 677                   | 746     | 721           | 721   | 4.40                  | 4.90    | 4.70          | 4.70  | 0.00                 | 0.00           | -0.20  | -4.08   |
| Turkmenistan        | 0.48             | 0.52    | 0.50          | 0.50  | 378                   | 359     | 305           | 305   | 0.83                  | 0.85    | 0.70          | 0.70  | 0.00                 | 0.00           | -0.15  | -17.65  |
| Other               | 0.52             | 0.55    | 0.52          | 0.52  | 489                   | 636     | 577           | 594   | 1.16                  | 1.60    | 1.38          | 1.43  | 0.06                 | 4.00           | -0.17  | -10.62  |
| Egypt               | 0.22             | 0.32    | 0.33          | 0.33  | 898                   | 996     | 921           | 837   | 0.92                  | 1.44    | 1.38          | 1.25  | -0.13                | -9.09          | -0.19  | -13.25  |
| African Franc Zone  | 2.05             | 2.44    | 2.35          | 2.35  | 342                   | 401     | 354           | 361   | 3.22                  | 4.50    | 3.82          | 3.90  | 0.08                 | 1.96           | -0.60  | -13.35  |
| Southern Hemisphere | 2.04             | 1.49    | 1.47          | 1.36  | 983                   | 1,061   | 952           | 932   | 9.20                  | 7.24    | 6.43          | 5.80  | -0.63                | -9.73          | -1.44  | -19.87  |
| Argentina           | 0.38             | 0.17    | 0.22          | 0.16  | 421                   | 396     | 421           | 408   | 0.74                  | 0.30    | 0.43          | 0.30  | -0.13                | -29.41         | 0.00   | 0.00    |
| Australia           | 0.51             | 0.42    | 0.28          | 0.23  | 1,595                 | 1,659   | 1,555         | 1,452 | 3.70                  | 3.20    | 2.00          | 1.50  | -0.50                | -25.00         | -1.70  | -53.13  |
| Brazil              | 0.85             | 0.75    | 0.72          | 0.72  | 1,101                 | 1,021   | 1,089         | 1,089 | 4.31                  | 3.52    | 3.60          | 3.60  | 0.00                 | 0.00           | 0.08   | 2.33    |
| Paraguay            | 0.30             | 0.15    | 0.25          | 0.25  | 327                   | 319     | 348           | 348   | 0.45                  | 0.22    | 0.40          | 0.40  | 0.00                 | 0.00           | 0.18   | 81.82   |
| Major Importers     | 0.56             | 0.59    | 0.53          | 0.53  | 1,001                 | 1,024   | 941           | 941   | 2.56                  | 2.77    | 2.27          | 2.27  | 0.00                 | 0.00           | -0.50  | -18.02  |
| Other Foreign       | 11.97            | 12.20   | 11.12         | 11.07 | 306                   | 318     | 311           | 319   | 16.84                 | 17.80   | 15.88         | 16.21 | 0.34                 | 2.11           | -1.59  | -8.91   |
| India               | 8.58             | 8.73    | 7.85          | 7.80  | 278                   | 307     | 302           | 313   | 10.93                 | 12.30   | 10.90         | 11.20 | 0.30                 | 2.75           | -1.10  | -8.94   |
| Others              | 3.40             | 3.47    | 3.27          | 3.27  | 379                   | 345     | 332           | 334   | 5.91                  | 5.50    | 4.98          | 5.01  | 0.04                 | 0.70           | -0.49  | -8.85   |

**TABLE 18**

The table below presents a 21-year record of the differences between the December projection and the final estimate. Using world wheat production as an example, changes between the December projection and the final estimate have averaged 3.9 million tons (0.7 percent) and ranged from -10.2 to 6.1 million tons. The December 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                   | 0.7  | 3.9                         | -10.2      | 6.1     | 14                 | 7           |
| U.S.                    | 0.3  | 0.2                         | -1.2       | 0.5     | 10                 | 9           |
| Foreign                 | 0.8  | 3.9                         | -10.3      | 6.3     | 14                 | 7           |
| <b>COARSE GRAINS 3/</b> |  |                             |            |         |                    |             |
| World                   | 0.9  | 7.5                         | -19.8      | 6.9     | 12                 | 9           |
| U.S.                    | 1.1  | 2.3                         | -7.5       | 5.8     | 12                 | 9           |
| Foreign                 | 1.2  | 7.3                         | -16.3      | 7.6     | 11                 | 10          |
| <b>RICE (Milled)</b>    |  |                             |            |         |                    |             |
| World                   | 1.8  | 6.1                         | -16.2      | 4.7     | 17                 | 4           |
| U.S.                    | 2.9  | 0.2                         | -0.3       | 0.5     | 10                 | 9           |
| Foreign                 | 1.8  | 6.1                         | -16.2      | 4.6     | 17                 | 4           |
| <b>SOYBEANS</b>         |  |                             |            |         |                    |             |
| World                   | 2.3  | 2.8                         | -6.6       | 3.8     | 13                 | 8           |
| U.S.                    | 1.8  | 1.0                         | -2.7       | 2.1     | 6                  | 15          |
| Foreign                 | 4.1  | 2.6                         | -7.5       | 2.7     | 12                 | 9           |
| <b>COTTON</b>           |  | ---Million 480-lb. bales--- |            |         |                    |             |
| World                   | 2.2  | 1.9                         | -6.3       | 4.4     | 10                 | 10          |
| U.S.                    | 1.4  | 0.2                         | -0.5       | 0.4     | 10                 | 10          |
| Foreign                 | 2.7  | 1.9                         | -6.7       | 4.3     | 9                  | 11          |
| <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.