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COTTON AND WOOL OUTLOOK
United States Department of Agriculture
CWS-0800
Economic Research Service
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Approved World Agricultural Outlook Board September 13, 2000

## HIGHLIGHTS

- U.S. 2000 Cotton Production Prospects Decrease
- U.S. Total Demand and Stocks To Rise
- Revised 1999/2000 Mill Use and Stocks
- Foreign Cotton Production and Consumption Higher in September
- Textile Imports, Trade Deficit Continue Higher


## U.S. 2000 Cotton Production Prospects Decrease

According to the U.S. Department of Agriculture's (USDA)
September Crop Production report, the 2000 U.S. cotton crop is forecast at 18.3 million bales, 4 percent below the August survey of 19.2 million. Upland production is forecast at 17.9 million bales, while the extra-long staple (ELS) crop is projected at 411,000 bales. During the previous 20 years, the September forecast has been equally below and above final production. In addition, past differences between the September forecast and the final production estimate indicate that chances are two out of three for the 2000 U.S. cotton crop to range between 17.2 and 19.4 million bales.

The reduction from last month is due to the recent extreme heat and drought conditions in the Southwest and Delta regions. Upland cotton production was projected to decline over 500,000 bales in the Southwest to 5.2 million bales, with Texas accounting for nearly the entire decline. While the regional production is projected near last season's, the yield is expected to fall to 452 pounds per harvested acre. In the Delta region, production was reduced over 300,000 bales to nearly 5.6 million, with twothirds of the decrease coming from Mississippi. Despite the Delta decline, production in the region is projected to be a 3-year high. The Southeast and West regions were virtually unchanged this month, with production estimated at 4.2 and 2.8 million bales, respectively. Production in the West is expected to be the highest since 1997, while the Southeast output is projected to expand to its highest level since 1996.

In contrast to the upland crop, ELS production is expected to decline significantly from last season. The September Crop Production report indicated an ELS crop of 411,000 bales this season, slightly below last month but nearly 40 percent below 1999. California continues to account for the majority of ELS production and is projected to account for nearly 88 percent of the ELS crop in 2000.

Compared with last season, all cotton production is expected to rise 8 percent nationally with each region contributing to the increase. Total planted area to cotton remains estimated at 15.5 million acres, and abandonment is projected at 9 percent. As a result, cotton area to be harvested is forecast at 14.1 million acres, 5 percent above last season and the highest since 1995/96. Based on the harvested area, the national yield is estimated at 622 pounds per acre, 15 pounds above 1999/2000.

With the recent declines, overall U.S. cotton crop conditions have fallen below a year ago. As of September $10 t h, 36$ percent of the cotton acreage was in "good" or "excellent" condition, compared with 44 percent in 1999. On the other hand, 34 percent was rated "poor" or "very poor" this season, compared with only 25 percent last year. While crop conditions are below those for 1999, this year's drought and extreme heat have advanced crop development and harvest well ahead of both last year and the 5year average. As of September $10 t h, 61$ percent of the cotton area had bolls opening, compared with 56 percent in 1999 and an average of only 51 percent. Also, 10 percent of the area has already been harvested, compared with 7 percent last season and a 5 -year average of 8 percent. This progress can also be seen in the Cotton Ginnings report. As of September 1st, 841,900 running bales had been ginned, compared with 561,000 bales at this time last year and only 523,000 bales in 1998.

## U.S. Total Demand and Stocks To Rise

Based on the September production forecast and beginning stocks estimated at 3.95 million bales, total U.S. cotton supplies for 2000/01 are expected to increase 6 percent to 22.3 million. Meanwhile, total demand for U.S. cotton is also projected to rise, with a continued improvement expected in foreign cotton use likely boosting U.S. exports. In 2000/01, total U.S. cotton demand is forecast to reach 18.1 million bales, 6 percent above last season and above the 5 -year average of 17.4 million.

This season, U.S. cotton exports are currently forecast at 7.9 million bales, 1.1 million above the latest 1999/2000 estimate.

However, with the reduction in the U.S. crop and a slight decline in the foreign import demand this month, U.S. raw cotton exports were lowered 300,000 bales from the August projection but remain at their highest since 1994/95. With record world demand projected and the expanding gap between foreign production and consumption, the United States is likely to supply a large share of this import demand. Based on the current projections of U.S. and world cotton trade, this season's U.S. share of global exports is estimated at about 29 percent, up from last season and the previous 5-year average of 25 percent.

Despite more abundant supply expectations in 2000/01, U.S. cotton mill use is projected to remain near the 1999/2000 level. While mill prices are higher for both cotton and polyester staple fibers, the recent rise in oil prices could push polyester prices even higher later this year, perhaps making cotton more competitive. However, tempering U.S. cotton mill demand prospects this season is the continued expansion of cotton textile imports. While the increase in textile trade is partly the result of preferential treatment under the North American Free Trade Agreement (NAFTA) and Caribbean Basin Initiative (CBI) legislation, textile imports from other regions, like Asia, are also on the rise and will likely limit domestic mill use of cotton.

Based on these U.S. supply and demand projections, cotton ending stocks for $2000 / 01$ are projected to rise 250,000 bales from the beginning level to 4.2 million. As a result, the implied stocks-to-use ratio for the season is currently 23 percent, similar to last season.

## Revised 1999/2000 Mill Use and Stocks

Based on reports from the Census Bureau and adjusting to a marketing year basis, cotton mill use for 1999/2000 was raised from last month's estimate to 10.2 million bales. The latest figure is about 200,000 bales (1.5 percent) below 1998/99. While the Census Bureau report indicated an upward revision for the August 1999-May 2000 period, monthly details are not yet available and will be released by the Census at a later date. However, the adjustment was estimated at about 1 percent of total mill use, or approximately 100,000 bales. In addition, a revised July mill use estimate will be issued later this month and the 1999/2000 mill use will be adjusted accordingly in the October World Agricultural Supply and Demand Estimates (WASDE) report.

A preliminary U.S. ending stock estimate was also released recently by the Census Bureau, indicating smaller than anticipated cotton stocks on July 31, 2000. Based on necessary adjustments to the data, 1999/2000 ending stocks are estimated at 3.95 million bales, down from 4.1 million estimated by USDA in its August WASDE report. Since the Census data are the "official" data, the difference between the USDA estimate and the Census figure will be recorded in the unaccounted category. As a result, ending stocks for $1999 / 2000$ were similar to those of the previous 3 seasons. However, increased demand last season lowered the U.S. stocks-to-use ratio to 23 percent, equal to the average since the new farm legislation began in 1996/97.

## Foreign Cotton Production and Consumption Higher in September

USDA's forecast for foreign cotton production in 2000/01 is 280,000 bales higher in September than August--at 68.4 million bales--as higher production in Pakistan and Australia offsets reduced prospects in West Africa. Forecasted foreign consumption is also higher, up 100,000 bales, to 82.5 million bales, and forecasted foreign exports are about 100,000 bales higher, to 19.6 million bales. Foreign imports are lower, by about 100,000 bales, at 27.9 million, and ending stocks are 100,000 bales lower, at 30.2 million bales.

Larger than expected plantings in Pakistan have suggested more production than previously expected for 2000/01. Rather than declining 150,000 hectares, Pakistan's cotton area is now believed to be unchanged from the year before at 2.95 million hectares. Dry conditions during planting in the Sind did reduce that province's area, but unexpectedly large plantings in Punjab proved offsetting. Given the uncertainty this early in the season, yield was left unadjusted from the estimate used in July and August, which was down substantially from 1999/2000's surge. Gin arrivals are only just beginning in Pakistan and the success or not of the crop will not be discernable for some time.

The Australian Bureau of Agricultural and Resource Economics (ABARE) increased its forecast for Australia's planted area and harvest in 2000/01. End-of -season data cut 1999/2000 output by 50,000 bales, but good water availability and rising prices suggested 2000/01 output could be 3.5 million bales, 200,000 bales higher than previously estimated.

Franc Zone production in both 1999/2000 and 2000/01 is reduced as well compared with a month earlier, largely reflecting reduced prospects in Cote d'Ivoire and Mali. Production in West Africa's

Franc Zone is now expected to fall 170,000 bales from the year before in $2000 / 01$, to 3.7 million bales, its lowest since the mid-1990's. Compared with a month earlier, the 1999/2000 Franc Zone production estimate is 150,000 bales lower, and the 2000/01 forecast is 315,000 bales lower.

Cotton consumption in 2000/01 is forecast significantly differently in September compared with August in only one country-Thailand. End-of-year import data for Thailand in $1999 / 2000$ suggest imports were 200,000 bales larger than previously estimated. Consumption in 1999/2000 was increased accordingly, up 150,000 to 1.6 million bales. Consumption in 2000/01 is forecast 100,000 bales higher than it was a month ago, unchanged from the year before at 1.6 million bales. While the magnitude of Thailand's 1999/2000 imports are indicative of a more robust textile sector than earlier believed, growing Chinese exports of textiles and apparel to the rest of Asia suggests caution is appropriate when forecasting 2000/01 consumption.

Forecast foreign imports in 2000/01 are lower in September, and foreign exports are higher for a month-to-month shift in the foreign net import outlook of $-200,000$ bales. This, combined with reduced U.S. supplies, led to a 300,000-bale reduction in the forecast for U.S. exports in 2000/01.

## Textile Imports, Trade Deficit Continue Higher

June textile imports rose for the second consecutive month to 1.2 billion pounds. Textile imports were 12 percent above a month earlier and June 1999. Larger imports of cotton, manmade, and wool more than offset slight declines in linen and silk shipments. Similarly, imports of all end-use categories increased except yarn, thread, and fabric. Apparel imports, at 831 million pounds, were nearly 21 percent higher than a month earlier. Cotton textile imports increased to 699 million pounds, nearly 13 percent above a month earlier. Cotton apparel shipments accounted for 42 percent of total textile imports in June. Cotton imports from Asia rose to 321 million pounds, up 17 percent from a month earlier.

Textile exports rebounded in June after declining two consecutive months. Total exports were 497 million pounds, up 16 percent above a month earlier and 19 percent above June 1999. Exports of all major fibers and all end-use categories, except house furnishings, increased from a month earlier. Cotton textile exports, at 231 million pounds, were 19 percent above a month earlier but 20 percent below June 1999 shipments. Cotton textile
shipments to North America increased in June and represented 91 percent of cotton exports.

Overall, the June textile trade deficit was 737 million pounds, with cotton accounting for 56 percent of the total. The June deficit increased 9 percent from a year earlier when it totaled 678 million pounds. In addition, the deficit for the first 6 months of 2000 was 3.8 billion pounds, compared with 3.3 billion a year ago. The cotton trade deficit reached 2.4 billion pounds during January-June, up 17 percent from 1999.

The next Cotton and Wool Outlook (CWS-0900) will be released on October 13, 2000.

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Based on USDA estimates. 1/ Includes imports.

WORLD COTTON SUPPLY AND USE ESTIMATES

| Item | 2000/01 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1999/2000 | Jul | Aug | Sep |
| Supply: | Million 480-lb bales |  |  |  |
| Beginning stocks |  |  |  |  |
| World | 44.78 | 40.76 | 40.14 | 39.92 |
| Foreign | 40.84 | 36.66 | 36.04 | 35.97 |
| Production |  |  |  |  |
| World | 86.85 | 87.37 | 87.31 | 86.75 |
| Foreign | 69.88 | 68.07 | 68.15 | 68.43 |
| Imports |  |  |  |  |
| World | 27.32 | 28.62 | 28.08 | 28.01 |
| Foreign | 27.22 | 28.57 | 28.03 | 27.94 |
| Use: |  |  |  |  |
| Mill use |  |  |  |  |
| World | 91.45 | 92.27 | 92.47 | 92.57 |
| Foreign | 81.22 | 82.07 | 82.27 | 82.37 |
| Exports |  |  |  |  |
| World | 27.28 | 28.10 | 27.64 | 27.45 |
| Foreign | 20.48 | 19.90 | 19.44 | 19.55 |
| Ending stocks |  |  |  |  |
| World | 39.92 | 36.05 | 35.15 | 34.35 |
| Foreign | 35.97 | 31.05 | 30.25 | 30.15 |
| Stocks-to-use ratio | Percent |  |  |  |
| World | 43.7 | 39.1 | 38.0 | 37.1 |
| Foreign | 44.3 | 37.8 | 36.8 | 36.6 |

Based on USDA estimates.


NA $=$ Not available.

| Item | 2000 |  |  | 1999 |
| :---: | :---: | :---: | :---: | :---: |
|  | May | Jun | Jul | Jul |
| Cotton: | 1,000 480-lb bales |  |  |  |
| All consumed by mills 1/ | 919 | 907 | 725 | 785 |
| Total since August 1 1/ | 8,492 | 9,399 | 10,124 | 10,401 |
| SA annual rate 2 / | 10,024 | 10,572 | 9,945 | 10,058 |
| SA daily rate 2/ | 38.4 | 40.5 | 38.1 | 38.7 |
| Daily rate | 40.0 | 41.2 | 34.5 | 35.7 |
| Upland consumed by mills 1/ | 906 | 896 | 716 | 775 |
| Total since August 1 1/ | 8,375 | 9,271 | 9,987 | 10,254 |
| SA daily rate 2/ | 37.8 | 40.0 | 37.7 | 38.2 |
| Daily rate | 39.4 | 40.7 | 34.1 | 35.2 |
| Spindles in place | 4,649 | 4,629 | 4,618 | 5,094 |
| Active spindles | 4,454 | 4,427 | 4,367 | 4,660 |
| 100 percent cotton | 2,440 | 2,435 | 2,405 | 2,472 |
| Blends | 713 | 702 | 682 | 757 |
|  | 1,301 | 1,290 | 1,280 | 1,431 |
|  | Percent |  |  |  |
| Cotton's share of fibers | 78.1 | 78.7 | 78.8 | 78.4 |
| Manmade: | 1,000 pounds |  |  |  |
| Total consumed by mills 1/ | 123,870 | 118,098 | 93,416 | 104,075 |
| Total since August 1 1/ 1 | 1,127,094 | 1,245,192 | 1,338,608 | 1,304,803 |
| Daily rate | 5,386 | 5,368 | 4,448 | 4,731 |
| Noncellulosic staple | 5,062 | 5,070 | 4,216 | 4,464 |
| Cellulosic staple | 324 | 298 | 232 | 267 |

1/ Adjusted to calendar month. 2/ SA = seasonally adjusted. Note: An upward revision by the Census Bureau for August-May of approximately 1 percent is not reflected in these tables. Monthly detail will be released at a later date by the Census Bureau.

| Item | 2000 |  |  | $1999$ <br> Jun |
| :---: | :---: | :---: | :---: | :---: |
|  | Apr | May | Jun |  |
| Cotton: | 1,000 480-lb bales |  |  |  |
| Upland exports | 659 | 605 | 449 | 235 |
| Total since August 1 | 4,471 | 5,076 | 5,525 | 3,747 |
| Sales for next season | 129 | 191 | 503 | 548 |
| Total since August 1 | 710 | 901 | 1,404 | 1,269 |
| ELS exports | 49.8 | 54.1 | 59.1 | 26.1 |
| Total since August 1 | 285.6 | 339.6 | 398.6 | 267.6 |
| Sales for next season | 50.9 | 40.9 | 20.0 | 14.7 |
| Total since August 1 | 94.0 | 134.9 | 154.9 | 92.9 |
| Manmade : | Million pounds |  |  |  |
| Raw fiber exports | 90.8 | 95.4 | 104.9 | 83.2 |
| Noncellulosic | 86.6 | 87.7 | 96.2 | 79.9 |
| Cellulosic | 4.2 | 7.7 | 8.7 | 3.3 |
| Total since January 1 | 375.7 | 471.1 | 576.0 | 481.1 |
| Wool and Mohair: | 1,000 pounds |  |  |  |
| Raw wool exports, clean | 480.5 | 923.0 | 791.1 | 360.8 |
| Total since January 1 | 1,473.1 | 2,396.1 | 3,187.2 | 1,355.0 |
| Wool top exports | 300.4 | 448.0 | 517.4 | 474.1 |
| Total since January 1 | 1,640.6 | 2,088.6 | 2,606.0 | 2,924.5 |
| Mohair exports, clean | 194.3 | 350.7 | 106.0 | 279.5 |
| Total since January 1 | 716.8 | 1,067.5 | 1,173.5 | 1,453.0 |


| Item | 2000 |  |  | $1999$ <br> Aug |
| :---: | :---: | :---: | :---: | :---: |
|  | Jun | Jul | Aug |  |
|  | Cents per pound |  |  |  |
| Domestic cotton prices: |  |  |  |  |
| Adjusted World Price | 46.81 | 45.51 | 46.97 | 36.92 |
| Oct'2000 futures | 59.24 | 57.95 | 62.24 | NA |
| Dec'2000 futures | 60.58 | 60.19 | 64.30 | NA |
| Upland spot 41-34 | 54.97 | 55.13 | 59.33 | 49.72 |
| Pima spot 03-46 | 85.24 | 88.79 | 91.37 | 82.50 |
| Avg. price received by: |  |  |  |  |
| Upland producers | 46.40 | 49.10 | 49.90 | 53.00 |
| Mill delivered: |  |  |  |  |
| Cotton |  |  |  |  |
| Actual | 62.10 | 60.72 | 64.60 | 57.14 |
| Raw fiber equivalent | 69.00 | 67.47 | 71.78 | 63.49 |
| Rayon staple |  |  |  |  |
| Actual | 98.00 | 98.00 | 98.00 | 98.00 |
| Raw fiber equivalent | 102.08 | 102.08 | 102.08 | 102.08 |
| Polyester staple |  |  |  |  |
| Actual | 58.00 | 58.00 | 58.00 | 52.00 |
| Raw fiber equivalent | 60.42 | 60.42 | 60.42 | 54.17 |
| Price ratios | Percent |  |  |  |
| Cotton/rayon | 67.6 | 66.1 | 70.3 | 62.2 |
| Cotton/polyester | 114.2 | 111.7 | 118.8 | 117.2 |
| Northern Europe cotton quotes: |  | Cents | pound |  |
| A Index | 59.56 | 58.40 | 60.93 | 50.98 |
| Memphis Territory | NQ | NQ | 67.95 | 58.63 |
| California/Arizona | 64.95 | 63.44 | 70.10 | 61.50 |
| $B$ Index | 54.16 | 53.49 | NQ | NQ |
| Orleans/Texas | 55.10 | 54.44 | 62.60 | 54.56 |
| Wool prices (clean): |  | Dollar | r pound |  |
| U.S. 56's | 0.55 | 0.55 | 0.55 | 0.57 |
| Australian 56's 1/ | 1.33 | 1.32 | 1.29 | 1.30 |
| U.S. 60 's | 0.82 | 0.80 | 0.77 | 0.84 |
| Australian 60's 1/ | 1.40 | 1.43 | 1.38 | 1.35 |
| U.S. 64 's | 1.25 | 1.25 | 1.20 | 1.10 |
| Australian 64's 1/ | 1.54 | 1.55 | 1.51 | 1.48 |

$\mathrm{NQ}=\mathrm{No}$ quotes. $\mathrm{NA}=$ Not available.
1/ In bond, Charleston, SC.

| Item | 2000 |  |  | $\begin{gathered} 1999 \\ \text { Jun } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Apr | May | Jun |  |
| Imports: | 1,000 pounds 1/ |  |  |  |
| Yarn, thread, and fabric | 259,710 | 287,316 | 270,875 | 247,009 |
| Cotton | 110,989 | 126,423 | 120,548 | 107,427 |
| Linen | 23,386 | 20,315 | 14,933 | 19,837 |
| Wool | 5,052 | 5,316 | 5,071 | 4,697 |
| Silk | 898 | 969 | 1,028 | 780 |
| Manmade | 119,385 | 134,293 | 129,295 | 114,268 |
| Apparel | 593,731 | 689,510 | 831,068 | 743,210 |
| Cotton | 372,661 | 432,169 | 513,042 | 464,778 |
| Linen | 14,499 | 15,757 | 19,474 | 16,858 |
| Wool | 12,381 | 16,374 | 23,828 | 21,058 |
| Silk | 12,284 | 12,497 | 12,282 | 10,006 |
| Manmade | 181,906 | 212,713 | 262,442 | 230,510 |
| House furnishings | 63,527 | 73,977 | 78,278 | 63,047 |
| Cotton | 45,804 | 51,945 | 55,703 | 46,645 |
| Linen | 1,218 | 1,612 | 1,329 | 472 |
| Wool | 342 | 384 | 349 | 124 |
| Silk | 141 | 154 | 146 | 31 |
| Manmade | 16,022 | 19,882 | 20,751 | 15,775 |
| Floor coverings | 35,484 | 42,441 | 43,598 | 35,544 |
| cotton | 4,712 | 5,544 | 5,249 | 5,011 |
| Linen | 6,233 | 6,827 | 7,172 | 4,684 |
| Wool | 10,338 | 12,038 | 13,067 | 10,384 |
| Silk | 479 | 786 | 683 | 698 |
| Manmade | 13,722 | 17,246 | 17,427 | 14,767 |
| Total imports 2/ | 960,497 | 1,102,230 | 1,233,294 | 1,097,213 |
| Cotton | 538,803 | 621,419 | 699,352 | 628,656 |
| Linen | 45,419 | 44,581 | 42,954 | 41,909 |
| Wool | 28,180 | 34,214 | 42,527 | 36,489 |
| Silk | 13,802 | 14,406 | 14,141 | 11,514 |
| Manmade | 334,293 | 387,609 | 434,320 | 378,644 |
| Exports: |  | 1,000 | unds 1/ |  |
| Yarn, thread, and fabric | 223,625 | 219,898 | 247,907 | 200,466 |
| Cotton | 85,129 | 84,203 | 96,913 | 77,507 |
| Linen | 6,477 | 6,132 | 6,502 | 5,453 |
| Wool | 5,057 | 5,647 | 5,921 | 6,359 |
| Silk | 2,286 | 2,169 | 3,891 | 2,287 |
| Manmade | 124,676 | 121,747 | 134,680 | 108,860 |
| Apparel | 169,343 | 166,141 | 205,309 | 173,584 |
| Cotton | 104,665 | 103,449 | 127,133 | 105,655 |
| Linen | 2,065 | 2,271 | 2,552 | 2,036 |
| Wool | 8,363 | 8,397 | 10,182 | 6,581 |
| Silk | 4,627 | 4,536 | 5,542 | 3,906 |
| Manmade | 49,623 | 47,488 | 59,900 | 55,406 |
| House furnishings | 6,336 | 6,973 | 6,830 | 6,359 |
| Cotton | 3,937 | 4,159 | 4,083 | 3,806 |
| Linen | 199 | 197 | 196 | 201 |
| Wool | 60 | 60 | 62 | 58 |
| Silk | 58 | 99 | 91 | 74 |
| Manmade | 2,082 | 2,458 | 2,398 | 2,220 |
| Floor coverings | 36,549 | 35,221 | 36,311 | 38,597 |
| Cotton | 2,955 | 2,614 | 3,016 | 2,750 |
| Linen | 1,776 | 1,616 | 1,841 | 1,517 |
| Wool | 4,004 | 3,312 | 3,432 | 2,927 |
| Silk | 94 | 91 | 107 | 60 |
| Manmade | 27,720 | 27,588 | 27,915 | 31,343 |
| Total exports $2 /$ | 440,097 | 428,487 | 496,583 | 419,264 |
| Cotton | 196,762 | 194,495 | 231,216 | 289,784 |
| Linen | 10,526 | 10,222 | 11,099 | 9,216 |
| Wool | 17,497 | 17,429 | 19,610 | 15,941 |
| Silk | 7,065 | 6,895 | 9,630 | 6,327 |
| Manmade | 208,247 | 199,447 | 225,028 | 197,996 |

[^0]| Item | 2000 |  |  | $\begin{gathered} 1999 \\ \text { Jun } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Apr | May | Jun |  |
|  | 1,000 pounds 1/ |  |  |  |
| North America | 230,562 | 269,130 | 290,496 | 263,606 |
| Canada | 22,599 | 24,738 | 22,923 | 21,380 |
| Costa Rica | 9,189 | 10,717 | 11,797 | 11,281 |
| Dominican Republic | 21,194 | 22,424 | 25,909 | 24,081 |
| El Salvador | 18,033 | 21,054 | 24,289 | 19,462 |
| Guatemala | 11,148 | 10,822 | 16,076 | 12,891 |
| Haiti | 3,617 | 4,533 | 4,093 | 4,247 |
| Honduras | 33,782 | 38,522 | 40,740 | 38,883 |
| Jamaica | 2,872 | 2,913 | 3,177 | 5,113 |
| Mexico | 105,125 | 128,461 | 134,684 | 121,003 |
| Nicaragua | 2,705 | 4,667 | 6,563 | 4,847 |
| South America | 11,650 | 13,732 | 14,838 | 10,490 |
| Argentina | 6 | 54 | 9 | 7 |
| Brazil | 5,210 | 5,555 | 5,773 | 2,323 |
| Chile | 35 | 30 | 101 | 30 |
| Colombia | 2,269 | 3,784 | 3,913 | 4,347 |
| Peru | 3,637 | 3,570 | 4,312 | 3,305 |
| Europe | 37,432 | 46,725 | 51,446 | 38,951 |
| Estonia | 798 | 901 | 548 | 690 |
| France | 642 | 671 | 759 | 559 |
| Germany | 935 | 1,121 | 1,304 | 917 |
| Italy | 4,161 | 4,281 | 4,557 | 3,670 |
| Portugal | 2,891 | 4,183 | 6,521 | 4,751 |
| Russia | 2,665 | 3,830 | 3,670 | 1,260 |
| Spain | 776 | 1,252 | 1,143 | 1,367 |
| Turkey | 17,515 | 22,310 | 23,827 | 19,960 |
| United Kingdom | 979 | 1,259 | 1,424 | 1,171 |
| Asia | 242,877 | 274,556 | 321,286 | 297,848 |
| Bahrain | 1,845 | 3,281 | 2,904 | 1,006 |
| Bangladesh | 16,543 | 17,254 | 23,220 | 22,306 |
| China | 32,178 | 35,984 | 39,892 | 44,579 |
| Hong Kong | 32,951 | 28,622 | 34,609 | 36,964 |
| India | 30,104 | 31,907 | 34,758 | 31,619 |
| Indonesia | 10,704 | 13,165 | 15,945 | 16,414 |
| Israel | 3,443 | 3,125 | 4,296 | 3,504 |
| Japan | 1,385 | 1,696 | 1,437 | 1,687 |
| Macao | 4,292 | 4,943 | 7,178 | 6,964 |
| Malaysia | 4,839 | 6,399 | 7,243 | 7,416 |
| Nepal | 2,654 | 2,398 | 2,280 | 1,706 |
| Oman | 1,496 | 1,649 | 1,970 | 1,949 |
| Pakistan | 39,868 | 46,335 | 48,897 | 34,389 |
| Philippines | 8,682 | 9,983 | 12,401 | 15,353 |
| Qatar | 1,017 | 780 | 1,692 | 1,551 |
| Singapore | 1,834 | 2,272 | 2,713 | 2,882 |
| South Korea | 9,642 | 10,768 | 12,066 | 11,596 |
| Sri Lanka | 8,115 | 6,419 | 8,312 | 8,481 |
| Taiwan | 9,865 | 12,860 | 15,766 | 16,537 |
| Thailand | 12,288 | 13,452 | 15,690 | 14,748 |
| U Arab Em | 3,781 | 3,729 | 3,843 | 2,798 |
| Oceania | 1,810 | 1,967 | 1,709 | 2,047 |
| Australia | 724 | 1,073 | 636 | 1,032 |
| Fiji | 801 | 682 | 644 | 624 |
| Africa | 14,471 | 15,309 | 19,577 | 15,713 |
| Egypt | 6,990 | 6,454 | 7,997 | 5,999 |
| Lesotho | 1,377 | 1,825 | 2,546 | 2,459 |
| Mauritius | 1,273 | 2,096 | 2,625 | 2,079 |
| Morocco | 1,130 | 961 | 1,192 | 1,184 |
| South Africa | 1,381 | 1,638 | 2,484 | 1,892 |
| Tunisia | 55 | 80 | 189 | 92 |
| World $2 /$ | 630,889 | 538,803 | 699,352 | 628,656 |

1/ Raw fiber equivalent. 2/ Totals may not add due to rounding.

| Country | 2000 |  |  | $1999$ <br> Jun |
| :---: | :---: | :---: | :---: | :---: |
|  | Apr | May | Jun |  |
| 1,000 pounds 1/ |  |  |  |  |
| North America | 176,823 | 176,666 | 211,394 | 170,684 |
| Canada | 26,836 | 28,473 | 29,700 | 28,608 |
| Costa Rica | 7,308 | 9,170 | 12,909 | 4,999 |
| Dominican Republic | 18,045 | 18,771 | 19,536 | 16,357 |
| El Salvador | 11,675 | 11,216 | 15,742 | 6,054 |
| Guatemala | 2,448 | 3,165 | 3,005 | 3,135 |
| Haiti | 2,347 | 1,527 | 3,918 | 2,751 |
| Honduras | 26,551 | 21,951 | 30,506 | 26,082 |
| Jamaica | 1,421 | 1,466 | 3,176 | 3,121 |
| Mexico | 78,527 | 79,092 | 91,117 | 77,990 |
| South America | 4,080 | 4,343 | 3,976 | 3,828 |
| Argentina | 263 | 149 | 103 | 228 |
| Brazil | 562 | 645 | 556 | 319 |
| Chile | 1,039 | 692 | 638 | 468 |
| Colombia | 964 | 1,314 | 1,410 | 1,266 |
| Peru | 244 | 45 | 52 | 92 |
| Venezuela | 620 | 1,171 | 917 | 1,206 |
| Europe | 7,527 | 5,978 | 7,089 | 7,332 |
| Belgium | 2,085 | 1,850 | 2,428 | 1,967 |
| France | 643 | 283 | 718 | 291 |
| Germany | 678 | 516 | 656 | 692 |
| Ireland | 107 | 109 | 152 | 104 |
| Italy | 258 | 293 | 453 | 232 |
| Netherlands | 501 | 328 | 459 | 501 |
| United Kingdom | 2,089 | 1,681 | 1,435 | 1,804 |
| Asia | 7,349 | 6,574 | 7,499 | 6,669 |
| China | 313 | 298 | 405 | 298 |
| Hong Kong | 757 | 1,086 | 924 | 811 |
| Israel | 544 | 326 | 302 | 439 |
| Japan | 3,544 | 2,690 | 2,986 | 2,803 |
| Philippines | 258 | 258 | 503 | 229 |
| Saudi Arabia | 233 | 258 | 362 | 379 |
| Singapore | 281 | 322 | 295 | 313 |
| South Korea | 247 | 352 | 285 | 266 |
| Taiwan | 338 | 238 | 184 | 351 |
| U Arab Em | 186 | 148 | 124 | 135 |
| Oceania | 654 | 577 | 732 | 599 |
| Australia | 417 | 468 | 564 | 411 |
| New Zealand | 62 | 67 | 61 | 107 |
| Africa | 329 | 358 | 526 | 673 |
| Egypt | 30 | 10 | 76 | 3 |
| Ghana | 16 | 7 | 18 | 16 |
| Ivory Coast | 1 | 11 | 2 | 45 |
| Nigeria | 106 | 62 | 81 | 220 |
| South Africa | 68 | 51 | 53 | 100 |
| World $2 /$ | 196,762 | 194,495 | 231,216 | 189,784 |

1/ Raw fiber equivalent. 2/ Totals may not add due to rounding.

| State/ Region | Harvested | Yield | Production |
| :---: | :---: | :---: | :---: |
|  | 1,000 acres | Lbs. / harvested acre | 1,000 bales |
| Upland: |  |  |  |
| Alabama | 540 | 489 | 550 |
| Georgia | 1,300 | 620 | 1,680 |
| N. Carolina | 930 | 723 | 1,400 |
| S. Carolina | 310 | 573 | 370 |
| Virginia | 109 | 722 | 164 |
| Southeast | 3,189 | 627 | 4,164 |
| Arkansas | 950 | 728 | 1,440 |
| Louisiana | 700 | 672 | 980 |
| Mississippi | 1,280 | 686 | 1,830 |
| Missouri | 425 | 678 | 600 |
| Tennessee | 595 | 565 | 700 |
| Delta | 3,950 | 674 | 5,550 |
| Oklahoma | 250 | 442 | 230 |
| Texas | 5,300 | 453 | 5,000 |
| Southwest | 5,550 | 452 | 5,230 |
| Arizona | 279 | 1,230 | 715 |
| California | 765 | 1,255 | 2,000 |
| New Mexico | 85 | 734 | 130 |
| West | 1,129 | 1,210 | 2,845 |
| Other 1/ | 129 | 428 | 115 |
| Total Upland | 13,947 | 616 | 17,904 |
| Pima: |  |  |  |
| Arizona | 6 | 848 | 11 |
| California | 144 | 1,200 | 360 |
| New Mexico | 6 | 680 | 9 |
| Texas | 20 | 768 | 32 |
| Total Pima | 176 | 1,121 | 411 |
| Total All | 14,123 | 622 | 18,315 |

Based on USDA's September Crop Production report.
1/ Includes Florida and Kansas.


[^0]:    1/ Raw fiber equivalent. 2/ Includes headgear.

