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In Cooperation with:

Tennessee Department of Agriculture Jai Templeton, Commissioner

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October 1 Crop Production Forecast

Corn production in **Tennessee** is forecast at 119 million bushels, down 6 percent from the September forecast and down 2 percent from the previous crop. Yield was estimated at 174 bushels per acre, unchanged from last month and up 3 bushels from the 2017 level. Acres for harvest as grain were estimated at 685,000 acres, down 25,000 acres from 2017. The **U.S.** corn production is forecast at 14.8 billion bushels, down slightly from the September forecast and up 1 percent from 2017. Based on conditions as of October 1, yields are expected to average 180.7 bushels per acre, down 0.6 bushels from last month and up 4.1 bushels from 2017. Area harvested for grain is forecast at 81.8 million acres, down slightly from the September forecast and down 1 percent from 2017.

Soybean production for **Tennessee** is forecast at 83.5 million bushels, down 5 percent from the September forecast and up 1 percent from 2017. Yield was estimated at 50.0 bushels per acre, down 1.0 bushel from last month and unchanged bushels from a year ago. Acreage for harvest as beans was estimated at 1.67 million acres, up 10,000 acres from the previous year. **U.S.** soybean production is forecast at 4.69 billion bushels, down slightly from the September forecast and up 6 percent from last year. Based on October 1 conditions, yields are expected to average 53.1 bushels per acre, up 0.3 bushels from last month and up 3.8 bushels from last year. Area for harvest is forecast at 88.3 million acres, down 1 percent from the September forecast and down 1 percent from 2017.

Tennessee cotton production is projected to be 765,000 bales, up 5 percent from last year. Cotton yields are forecast to average 1,034 pounds per acre, up 1 pound per acre from the previous year. Producers expect to harvest 355,000 acres, and up 15,000 acres from 2017. **U.S.** cotton production was forecast at 19.8 million bales, down 6 percent from 2017. Yields are forecast to average 901 pounds per acre, down 4 from last year. Harvested acreage is estimated at 10.5 million acres, forecast and down 5 percent from the previous year.

Tennessee burley tobacco production is forecast at 10.2 million pounds, unchanged from the September forecast and down 43 percent from 2017. Yield was projected at 1,700 pounds per acre, unchanged from last month and up 200 pounds from the 2017 crop. Harvested acreage was estimated at 6,000 acres, down 6,000 acres from last year's crop. For the **burley producing States** production is forecast at 113 million pounds, down 13 percent from the September forecast and down 30 percent from last year. Burley growers plan to harvest 64,800 acres, down 20 percent from 2017. Yields were expected to average 1,743 pounds per acre, down 234 pounds from last year.

Production of <u>**Tennessee dark fire-cured</u>** tobacco is forecast at 22.0 million pounds, up 5 percent from the previous year. <u>**Dark air-cured**</u> tobacco production is forecast at 7.00 million pounds, forecast and up 75 percent from last year.</u>

Other hay production is estimated at 4.32 million tons, up 11 percent from last year.

| | | T | ENNESSE | E AND UN | ITED STA | TES | | | | |
|---------------------------------|------------------|----------------------------|------------------|-------------------|-----------|--------------------|--------------------|-----------------|-----------------|--|
| | Area Pl | anted ¹ Area Ha | | rvested Y | | ield Per Acre | | Production | | |
| Crops | 2017 | 2018 | 2017 | 2018 ² | 2017 | 2018 | | 2017 | 2010 | |
| | | | | | | Sep 1 ¹ | Oct 1 ² | 2017 | 2018 | |
| | TENNESSEE | | | | | | | | | |
| | (1,000 acres) | (1,000 acres) | (1,000 acres) | (1,000 acres) | (bushels) | (bushels) | (bushels) | (1,000 bushels) | (1,000 bushels) | |
| Corn ³ | 750 | 730 | 710 | 685 | 171.0 | 174.0 | 174.0 | 121,410 | 119,190 | |
| Soybeans ³ | 1,690 | 1,700 | 1,660 | 1,670 | 50.0 | 51.0 | 50.0 | 83,000 | 83,500 | |
| Wheat, Winter ³⁴ | 370 | 380 | 275 | 285 | 70.0 | 65.0 | | 19,250 | 18,525 | |
| | (1,000 acres) | (1,000 acres) | (1,000 acres) | (1,000 acres) | (tons) | (tons) | (tons) | (1,000 tons) | (1,000 tons) | |
| Hay: | | | | | | | | | | |
| Other, All | | | 1,700 | 1,800 | 2.30 | | 2.40 | 3,910 | 4,320 | |
| | (acres) | (acres) | (acres) | (acres) | (pounds) | (pounds) | (pounds) | (1,000 pounds) | (1,000 pounds) | |
| Cotton ⁵ Tobacco: | 345 | 360 | 340 | 355 | 1,033 | 1,082 | 1,034 | 732 | 765 | |
| All | | | 21,100 | 16,400 | 2,038 | 2,376 | 2,393 | 43,000 | 39,240 | |
| Burley | | | 12,000 | 6,000 | 1,500 | 1,700 | 1,700 | 18,000 | 10,200 | |
| Dark Fire-Cured | | | 7,500 | 7,600 | 2,800 | 2,900 | 2,900 | 21,000 | 22,040 | |
| Dark Air-Cured | | | 1,600 | 2,800 | 2,500 | 2,400 | 2,500 | 4,000 | 7,000 | |
| | | UNITED STATES | | | | | | | | |
| | (1,000 acres) | (1,000 acres) | (1,000 acres) | (1,000 acres) | (bushels) | (bushels) | (bushels) | (1,000 bushels) | (1,000 bushels) | |
| Corn ³ | 90,167 | 89,140 | 82,703 | 81,767 | 176.6 | 181.3 | 180.7 | 14,604,067 | 14,777,826 | |
| Soybeans ³ | 90,142 | 89,145 | 89,522 | 88,348 | 49.3 | 52.8 | 53.1 | 4,410,673 | 4,689,628 | |
| Wheat, Winter ³⁴ | 32,696 | 32,535 | 25,291 | 24,742 | 50.2 | 47.9 | | 1,269,437 | 1,183,939 | |
| | (1,000 acres) | (1,000 acres) | (1,000 acres) | (1,000 acres) | (tons) | (tons) | (tons) | (1,000 tons) | (1,000 tons) | |
| Hay: | | | | | | | | | | |
| Other, All | | | 37,221 | 37,717 | 2.05 | | 1.98 | 76,387 | 74,857 | |
| | (acres) | (acres) | (acres) | (acres) | (pounds) | (pounds) | (pounds) | (1,000 pounds) | (1,000 pounds) | |
| Cotton ⁵ | 12,613 | 14,042 | 11,100 | 10,525 | 905 | 895 | 901 | 20,923 | 19,763 | |
| Tobacco: | | | | | | | | | | |
| All | | | 321,470 | 301,980 | 2,209 | 2,088 | 1,814 | 710,161 | 547,812 | |
| Burley | | | 81,500 | 64,800 | 1,977 | 1,996 | 1,743 | 161,140 | 112,960 | |
| Dark Fire-Cured | | | 19,270 | 18,880 | 3,089 | 3,060 | 3,060 | 59,531 | 57,772 | |
| Dark Air-Cured | | | 7,600 | 10,000 | 2,658 | 2,616 | 2,644 | 20,200 | 26,440 | |

CROP PRODUCTION SUMMARY, October 1 TENNESSEE AND UNITED STATES

 Dark Air-Cured
 - 7,600
 10,000
 2,658
 2,616
 2,644
 20,200
 26,44

 ¹ Commodities with estimates not available are (denoted by "--"). ² Forecasted. ³ Area harvested represents grain. ⁴ Includes area planted in preceding fall. ⁵ Production in 480-lb. net weight bales. U.S. production includes American-Pima cotton.