



Tennessee Farm Facts

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In Cooperation with Tennessee Department of Agriculture

Winter Wheat Production Tobacco & Cotton Acreage, Yield, Production & Value

May 23, 2007

2005-2006 Tobacco County Estimates

Tennessee Wheat Yields Cut in Half

Tennessee's 2007 winter wheat per acre yield is forecast at 32.0 bushels per acre, down 50 percent from last year's record and the lowest since 1991, according to a recent survey conducted by USDA's National Agricultural Statistics Service, Tennessee Field Office. Production is forecast at 7.36 million bushels, down 39 percent from 2006. This large decline in both yield and production can be attributed to record low temperatures during the first week of April that devastated this year's rapidly developing crop. Freeze damage assessments for the week ending April 15 showed over two-thirds of the state's wheat crop suffered severe damage and over a fourth experienced moderate damage.

Tennessee farmers seeded 400,000 acres last fall, 120,000 more than a year earlier, and the largest one year acreage increase since 1981. Wheat producers expect to harvest 230,000 acres for grain, 40,000 more than a year ago. The remaining 170,000 acres were used as a cover crop, will be harvested for hay or silage, or abandoned due to freeze. By the week ending May 6, nearly 90 percent of the State's acreage had headed with development a few days ahead of normal. Currently, over three-fourths of the crop is rated in very poor to poor condition.

United States: Winter wheat production is forecast at 1.62 billion bushels, up 24 percent from 2006. Based on May 1 conditions, the U.S. yield is forecast at 43.5 bushels per acre, 1.8 bushels above last year. Grain area totals 37.2 million acres, up 19 percent from last year. Soft Red Winter harvested acreage is estimated to be up 8 percent from last year. The portion of the winter wheat crop rated good to excellent on April 29, at 56 percent, was 20 percentage points above last year.

Growers in many States in the Soft Red Wheat area expect yields to be below last year. Winter wheat crop conditions deteriorated in several Delta States due to a freeze on April 7-8. Parts of Arkansas, Missouri, Tennessee, and Kentucky were adversely affected by the freezing temperatures. The cold weather hit during a critical time in some areas, just as the crop was starting to head. Harvested area across the southern portion of the Soft Red Wheat area is up from last year due to an increase in planted acres. Fewer planted acres due to wet conditions in the fall coupled with the April freeze damage is expected to result in fewer harvested acres across the central and northern portions of the Soft Red Wheat region.

Winter Wheat: Tennessee, Surrounding States, and U.S., May 1, 2007 with Comparisons¹

State	Acreage Harvested		Yield Per Acre		Production	
	2006	2007	2006	2007	2006	2007
	1,000 Acres		Bushels		1,000 Bushels	
Arkansas	305	600	61.0	46.0	18,605	27,600
Georgia	120	250	49.0	40.0	5,880	10,000
Kentucky	320	190	71.0	38.0	22,720	7,220
Mississippi	73	300	59.0	59.0	4,307	17,700
Missouri	910	750	54.0	42.0	49,140	31,500
North Carolina	420	460	59.0	42.0	24,780	19,320
TENNESSEE	190	230	64.0	32.0	12,160	7,360
Virginia	155	175	68.0	61.0	10,540	10,675
United States	31,117	37,172	41.7	43.5	1,298,081	1,615,613

¹ 2007 forecast, 2006 final.

Tennessee Tobacco Production

Tennessee: Tennessee tobacco production during 2006 was valued at \$93.0 million, down 4 percent from last year. Burley comprised the largest portion of the total at \$49.3 million, with the dark-fire types Class 2 contributing \$40.7 million, and dark-air cured type Class 3B adding \$3.03 million. Tennessee's final burley production, at 30.8 million pounds, was down 9 percent from 2005 and the lowest production since 1927.

United States: Revised U.S. tobacco production for 2006 totaled 727 million pounds, down slightly from the January preliminary estimate but up 13 percent from 2005. Harvested area is estimated at 338,900 acres, fractionally below the January preliminary estimate but up 14 percent from the previous year's record low. Yield per acre averaged 2,144 pounds, down 27 pounds from 2005.

All Tobacco: Acreage, Yield, Production, and Value, Tennessee, 1997-2006

Crop Year	Area Harvested	Yield	Production	Price Per Pound	Value of Production
	Acres	Pounds	1,000 Pounds	Dollars	1,000 Dollars
1997	59,480	1,922	114,292	1.952	223,092
1998	59,415	1,870	111,100	1.963	218,097
1999	63,170	1,941	122,601	1.955	239,651
2000	46,020	2,085	95,958	2.014	193,288
2001	39,690	2,189	86,893	2.016	175,163
2002	34,900	2,044	71,331	2.066	147,383
2003	31,140	2,108	65,632	2.107	138,290
2004	30,260	2,161	65,381	2.138	139,762
2005	22,950	2,251	51,670	1.872	96,739
2006	19,800	2,482	49,135	1.893	93,009

Tennessee Cotton Producers Break Records

Tennessee: Tennessee produced a record of 1.37 million bales of cotton during the 2006 crop year, up 22 percent from the previous year. Acreage planted, at 700,000, was up 60,000 and was the highest level since 1995. Producers yielded 945 pounds of lint per acre from 695,000 harvested acres. Yield was up 11 percent from last and the highest yield ever recorded. Tennessee produced 441 thousand tons of cottonseed in 2006, also a record.

United States: All cotton production for 2006 is estimated at 21.6 million 480-pound bales, down 10 percent from the previous year's record high. The U.S. all cotton yield averaged 814 pounds per harvested acre, down 17 pounds from 2005. Upland cotton production is estimated at 20.8 million 480-pound bales, 10 percent less than 2005's record high. The U.S. yield for upland cotton is estimated at 806 pounds per acre, down 19 pounds from 2005. American-Pima production totaled 765,400 bales, up 21 percent from 2005. The U.S. yield for American-Pima is 1,136 pounds per acre, up 9 pounds from the previous year. The area planted to all cotton totaled 15.3 million acres, up 7 percent from 2005. Harvested acreage at 12.7 million acres is down 8 percent from the year earlier.

Cotton: Acreage, Yield, Production, and Ginnings, Tennessee, 1997-2006

Crop Year	Acreage		Yield	Production		Ginnings ²
	Planted	Harvested		Lint ¹	Seed	
	1,000 Acres		Pounds Lint	1,000 bales	1,000 Tons	1,000 Bales
1997	490	480	662	662	260	660.6
1998	450	445	589	546	205	543.4
1999	570	565	505	595	223	590.5
2000	570	565	603	710	289	708.5
2001	620	615	763	978	351	973.1
2002	565	530	741	818	291	813.6
2003	560	530	806	890	311	878.8
2004	530	525	900	984	336	985.3
2005	640	635	848	1,122	386	1,111.1
2006	700	695	945	1,368	441	1,346.4

¹ Production in 480 lb. weight bales. ² Equivalent 480 lb. net weight bales, not adjusted for cross-state movement.

Burley Tobacco: Area Harvested, Yield, and Production, by Counties, 2004-2005

District and County	Area Harvested		Yield ¹		Production	
	2004	2005	2004	2005	2004	2005
	Acres		Pounds		Pounds	
Henry	400	500	2,140	2,100	855,000	1,050,000
Weakley	105	³	1,990	³	209,000	³
Other ²	5	100	1,600	2,100	8,000	210,000
District 20	510	600	2,100	2,100	1,072,000	1,260,000
Cheatham	115	³	2,350	³	270,000	³
Hickman	100	130	2,000	2,000	200,000	260,000
Montgomery	760	600	2,355	2,285	1,790,000	1,370,000
Robertson	1,600	1,200	2,405	2,315	3,850,000	2,775,000
Stewart	175	130	2,170	2,155	380,000	280,000
Other ²	190	260	2,055	2,150	390,000	559,000
District 30	2,940	2,320	2,340	2,260	6,880,000	5,244,000
Cannon	130	³	1,925	³	250,000	³
Clay	480	280	1,800	2,000	865,000	560,000
De Kalb	145	130	1,930	1,925	280,000	250,000
Jackson	320	190	1,845	2,000	590,000	380,000
Lincoln	185	145	1,810	1,930	335,000	280,000
Macon	4,400	3,550	1,750	1,810	7,700,000	6,430,000
Maury	210	125	2,000	2,000	420,000	250,000
Smith	860	600	1,955	1,875	1,680,000	1,125,000
Sumner	1,120	800	2,145	1,865	2,400,000	1,490,000
Trousdale	700	450	1,945	2,100	1,360,000	945,000
Williamson	190	110	2,105	2,000	400,000	220,000
Wilson	225	180	1,955	2,030	440,000	365,000
Other ²	195	140	1,795	1,780	350,000	249,000
District 40	9,160	6,700	1,865	1,870	17,070,000	12,544,000
Fentress	134	³	1,980	³	265,000	³
Overton	195	100	2,000	2,000	390,000	200,000
Pickett	440	220	2,045	1,840	900,000	405,000
Putnam	240	140	1,915	1,895	460,000	265,000
White	210	140	1,905	2,000	400,000	280,000
Other ²	171	140	1,840	1,805	315,000	253,000
District 50	1,390	740	1,965	1,895	2,730,000	1,403,000
Blount	100	110	1,850	1,865	185,000	205,000
Bradley	105	150	1,855	1,865	195,000	280,000
Campbell	100	³	1,750	³	175,000	³
Carter	125	³	1,720	³	215,000	³
Claiborne	1,300	750	1,775	2,265	2,305,000	1,700,000
Cocke	300	210	1,800	1,810	540,000	380,000
Grainger	650	300	1,710	2,215	1,110,000	665,000
Greene	1,900	1,300	1,980	1,975	3,764,000	2,565,000
Hamblen	230	150	1,870	1,900	430,000	285,000
Hancock	500	220	1,770	2,705	885,000	595,000
Hawkins	1,380	1,100	1,720	1,970	2,375,000	2,165,000
Jefferson	340	250	1,895	2,040	645,000	510,000
Johnson	400	200	1,900	2,200	760,000	440,000
McMinn	270	280	1,850	1,910	500,000	535,000
Monroe	240	190	1,835	1,870	440,000	355,000
Sevier	140	³	1,855	³	260,000	³
Sullivan	430	250	1,815	2,020	780,000	505,000
Union	210	115	1,810	1,870	380,000	215,000
Washington	1,000	750	1,895	2,065	1,895,000	1,550,000
Other ²	280	315	1,745	1,900	489,000	599,000
District 60	10,000	6,640	1,835	2,040	18,328,000	13,549,000
State Total	24,000	17,000	1,920	2,000	46,080,000	34,000,000

¹ Yield derived to nearest 5 pounds. ² Unlisted counties combined with "Other" counties to avoid disclosing individual operations. ³ Combined with "Other" counties to avoid disclosing individual operations.

Dark Tobacco, by Types: Area Harvested, Yield, and Production, by Counties, 2005-2006

District and County	Area Harvested		Yield ¹		Production	
	2005	2006	2005	2006	2005	2006
	Acres		Pounds		Pounds	
Dark Fire-Cured (Class 2)						
Henry	350	400	3,145	3,550	1,100,000	1,420,000
Other ²	55	20	2,725	3,500	150,000	70,000
District 20	405	420	3,085	3,550	1,250,000	1,490,000
Cheatham	460	460	2,915	3,110	1,340,000	1,430,000
Dickson	470	420	2,765	3,000	1,300,000	1,260,000
Montgomery	1,260	1,200	3,100	3,335	3,905,000	4,000,000
Robertson	2,400	2,400	3,015	3,160	7,240,000	7,580,000
Stewart	400	340	2,900	3,000	1,160,000	1,020,000
Other ²	50	20	3,100	2,900	155,000	58,000
District 30	5,040	4,840	2,995	3,170	15,100,000	15,348,000
Other Districts ³	55	40	2,725	3,050	150,000	122,000
State Total	5,500	5,300	3,000	3,200	16,500,000	16,960,000
Dark Air-Cured (Class 3B)						
Robertson	280	360	2,730	2,680	765,000	965,000
Other ²	27	60	2,405	2,765	65,000	166,000
District 30	307	420	2,705	2,695	830,000	1,131,000
Other Districts ³	143	80	2,380	3,050	340,000	244,000
State Total	450	500	2,600	2,750	1,170,000	1,375,000
All Tobacco State Total ⁴	22,950	19,800	2,251	2,482	51,670,000	49,135,000

¹ Yield derived to nearest 5 pounds, except all tobacco to the nearest pound. ² Unlisted counties combined with "Other" counties to avoid disclosing individual operations. ³ No individual districts or counties published. ⁴ Includes burley.