



Farm Facts



Debra K. Kenerson
State Director



cooperating with
Tennessee
Department
of Agriculture

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Tennessee's Nursery Production Measured at \$109 Million

Tennessee's 2003 Nursery Production Survey showed that for nursery operations with sales of \$100,000 or more, the gross value of sales for ten surveyed categories totaled \$109 million, compared with \$124 million in 2000. Tennessee ranked eleventh in total gross sales of the country's top 17 nursery producing states selected for this multi-state survey. Deciduous shade trees accounted for 27 percent of the total, followed by deciduous flowering trees at 25 percent, and propagation material at 12 percent. Nursery operations with sales over \$10,000 totaled 387, a 10 percent increase from 2000.

However, those firms with sales of \$100,000 or greater declined by 8 percent to 156. Total production area during 2003 was reported at 1.54 billion square feet, or just over 35 thousand acres, compared with 1.32 billion square feet in 2000. The number of hired workers during 2003 totaled 3,229, of which 58 percent worked 150 days or more, compared with 3,765 working in 2000 and 52 percent which worked 150 days or more.

United States: The 2003 gross value of sales for twelve categories of nursery products total \$3.97 billion on operations exceeding \$100,000 in sales in the 17 States surveyed for this report. This represents an increase of 19 percent from comparable states since the survey was last conducted for the 2000 crop year. The 17 State definition has changed slightly with South Carolina being replaced by Virginia in the current report. Broadleaf evergreens account for 21 percent of the total sales dollars, followed by deciduous shrubs at 15 percent, and deciduous shade trees at 13 percent. The top three contributing States to value of production are California with 25 percent of the total followed by Florida and Oregon, tied at 16 percent each.

Nursery Production: All Operations with \$100,000 + Sales, Tennessee, 2000 and 2003

Category	Number of Producers		Number Sold		Gross Sales		Percent of Sales at Wholesale	
	2000	2003	2000	2003	2000	2003	2000	2003
	Number		1,000 Plants		1,000 Dollars		Percent	
Broadleaf Evergreens	98	103	1,780	1,546	14,299	11,591	98	87
Coniferous Evergreens	95	91	756	1,404	10,264	9,322	98	81
Deciduous Shade Trees	126	122	2,622	1,597	33,917	29,083	99	93
Deciduous Flowering Trees	128	130	2,923	2,926	27,032	27,235	98	92
Deciduous Shrubs and Other Ornamentals	103	103	2,976	2,386	14,338	8,773	99	87
Fruit and Nut Plants	31	26	1,430	1,414	6,773	7,386	98	83
Ornamental Grasses	¹	24	¹	66	¹	332	¹	90
Other Woody Ornamentals and Vines	¹	30	¹	2,968	¹	2,248	¹	97
Christmas Trees	9	4	28	14	383	187	96	92
Propagation Material	75	61	²	²	17,059	12,510	92	99
Total					124,065	108,667		

¹ Ornamental Grasses and Other Woody Ornamentals and Vines were specifically enumerated in 2003. They were included in Deciduous Shrubs and Other Ornamentals in 2000. ² This item was not asked.

Land Values and Cash Rents Increase

Tennessee: Farm real estate values, including all land and buildings, averaged \$2,500 per acre as of January 1, 2004, up 4.2 percent from the previous year. The \$100 per acre increase in farm real estate values continued a climb that began in 1986. The overall increase followed cropland and pasture values, which rose by 3.0 and 4.3 percent, respectively, from January 1, 2003. The average value of cropland in the state rose \$70 to \$2,420 per acre, while the average of pasture land rose \$100 to \$2,450 per acre, both the highest since records began in 1997. Tennessee's cropland cash rent during 2004 was up \$5.00 from last year to \$67.00 per acre. Pasture cash rent in the state increased \$1.50 from 2003 to \$19.00 per acre.

United States: Farm real estate values, a measurement of the value of all land and buildings on farms, averaged \$1,360 per acre on January 1, 2004, up 7.1 percent from 2003. This is the largest percentage increase since 1994, when farm real estate values rose 8.0 percent from the previous year. The \$90 per acre increase is the largest dollar increase since 1980, when values climbed \$109 per acre above the 1979 value. Cropland and pasture values rose by 7.2 and 6.4 percent, respectively, from January 1, 2003. Cropland values averaged \$1,780 per acre and pasture values averaged \$644 per acre on January 1, 2004, compared with \$1,660 and \$605 per acre, respectively, a year earlier. The value of other land and buildings rose 7.5 percent.

Cash rents paid to landlords for cropland and pasture during the 2004 crop year rose sharply from 2003. Cropland cash rents paid in 2004 averaged 4.8 percent above a year earlier, advancing to \$76.50 per acre, compared with \$73.00 per acre for 2003. Pasture cash rents rose 6.7 percent, from \$9.00 per acre in 2003 to \$9.60 per acre in 2004. The increases in cropland and pasture rental rates reflected producers' optimism following the combination of high production and price levels of major U.S. agricultural commodities in 2003.

Agricultural Land Values and Cash Rents: Average per Acre, Tennessee, January 1, 1995-2004

Year	Farm Real Estate ¹	Cropland ²		Pasture ²	
	Value Per Acre	Value Per Acre	Cash Rent Per Acre	Value Per Acre	Cash Rent Per Acre
	Dollars				
1995	1,340		43.00		14.30
1996	1,530		48.30		13.50
1997	1,650	1,830	56.50	1,720	16.00
1998	1,810	1,970	57.00	1,860	18.00
1999	1,950	2,100	62.00	2,000	16.40
2000	2,100	2,120	60.00	2,050	18.00
2001	2,200	2,200	59.50	2,150	18.00
2002	2,300	2,270	60.50	2,250	17.00
2003	2,400	2,350	62.00	2,350	17.50
2004	2,500	2,420	67.00	2,450	19.00

¹ Includes land and buildings.

² Cropland and pasture values published beginning with 1997.

United States Slaughter: Cattle slaughter totaled 2.99 million head, down 8 percent from June 2003. The average live weight was up 8 pounds from the previous year, at 1,225 pounds. Calf slaughter totaled 66,400 head, down 10 percent from June 2003. The average live weight was 2 pounds above last year, at 338 pounds. Hog kill totaled 8.50 million head, 10 percent above June 2003. The average live weight was 2 pounds below the previous year, at 264 pounds. Sheep slaughter totaled 230,900 head, 1 percent above last year. The average live weight was 134 pounds, up 2 pounds from June a year ago.

Commercial Livestock Slaughter¹: United States, June 2003 and 2004

Species	Number Slaughtered		Total Live Weight		Average Live Weight	
	2003	2004	2003	2004	2003	2004
	1,000 Head		1,000 Pounds		Pounds	
Cattle	3,253	2,995	3,959,951	3,667,668	1,217	1,225
Calves	74	66	24,902	22,437	336	338
Hogs	7,764	8,504	2,063,846	2,243,747	266	264
Sheep & lambs	229	231	30,397	30,989	133	134

¹ Includes slaughter under Federal inspection and other Commercial slaughter, excludes farm slaughter.

All Other Hay (Except Alfalfa): Acreage, Yield, and Production, by County, 2002 and 2003

District and County	Harvested		Yield per Acre		Production		District and County	Harvested		Yield per Acre		Production	
	2002	2003	2002	2003	2002	2003		2002	2003	2002	2003	2002	2003
	Acres		Tons		Tons			Acres		Tons		Tons	
Dyer	7,600	8,000	1.8	2.0	14,000	16,000	Trousdale	13,000	13,000	2.0	2.2	26,000	28,000
Obion	10,500	12,000	2.3	2.3	24,000	28,000	Williamson	48,000	49,000	1.9	2.1	90,000	105,000
Shelby	9,000	9,500	2.2	2.4	20,000	23,000	Wilson	53,000	53,000	2.1	2.1	109,000	110,000
Tipton	6,300	6,400	2.5	2.1	16,000	13,500							
Other ¹	6,600	7,100	2.4	2.0	16,000	14,500							
District 10	40,000	43,000	2.3	2.2	90,000	95,000	District 40	595,000	610,000	2.1	2.2	1,246,000	1,370,000
Benton	11,000	12,000	2.0	2.2	22,000	26,000	Bledsoe	26,000	25,000	2.4	2.3	62,000	57,000
Carroll	17,500	18,000	2.1	2.2	36,000	40,000	Coffee	27,000	28,000	2.2	2.2	59,000	61,000
Chester	9,500	10,000	2.2	2.6	21,000	26,000	Cumberland	24,000	25,000	2.0	2.3	47,000	57,000
Decatur	15,000	16,000	2.2	2.6	33,000	41,000	Fentress	15,000	16,000	2.2	2.5	33,000	40,000
Fayette	24,000	25,000	2.5	2.6	60,000	65,000	Franklin	25,000	26,000	2.4	2.6	59,000	67,000
Gibson	14,000	15,000	2.2	2.2	31,000	33,000	Grundy	7,000	7,000	2.3	2.6	16,000	18,000
Hardeman	18,000	19,000	2.2	2.2	40,000	42,000	Marion	9,500	9,500	2.5	2.5	24,000	24,000
Hardin	11,500	12,000	2.1	2.4	24,000	29,000	Morgan	12,000	13,000	2.2	2.3	26,000	30,000
Henderson	23,000	24,000	2.2	2.3	50,000	54,000	Overton	25,000	25,000	2.5	2.5	62,000	62,000
Henry	19,000	19,000	2.3	2.4	44,000	45,000	Pickett	8,500	8,500	2.0	2.4	17,000	20,000
McNairy	11,500	12,000	2.3	2.3	26,000	27,000	Putnam	27,000	27,000	2.1	2.1	56,000	56,000
Madison	9,000	9,000	2.1	2.3	19,000	21,000	Scott	6,500	6,500	2.2	2.2	14,000	14,000
Weakley	16,000	17,000	2.0	2.1	32,000	35,000	Sequatchie	4,500	4,500	1.8	2.2	8,000	10,000
Other ¹	11,000	11,000	2.5	2.4	27,000	26,000	Van Buren	7,000	7,000	2.4	2.7	17,000	19,000
District 20	210,000	219,000	2.2	2.3	465,000	510,000	Warren	35,000	36,000	2.2	2.8	76,000	100,000
							White	36,000	36,000	2.3	2.4	81,000	85,000
							District 50	295,000	300,000	2.2	2.4	657,000	720,000
Cheatham	12,000	12,500	1.9	2.2	23,000	28,000	Anderson	11,000	11,000	2.0	2.2	22,000	24,000
Dickson	27,500	28,000	1.9	2.2	53,000	62,000	Blount	31,000	32,000	2.0	2.4	63,000	76,000
Hickman	22,000	23,000	2.1	2.2	46,000	50,000	Bradley	23,000	22,000	2.0	2.6	47,000	57,000
Houston	8,800	9,500	2.2	2.2	19,000	21,000	Campbell	8,000	8,000	1.8	2.3	14,000	18,000
Humphreys	18,000	19,000	2.1	2.1	37,000	39,000	Carter	8,000	8,000	1.8	2.1	14,000	17,000
Lawrence	37,000	38,000	2.1	2.3	76,000	86,000	Claiborne	27,000	28,000	2.0	2.3	53,000	63,000
Lewis	5,300	5,500	2.3	2.0	12,000	11,000	Cocke	15,000	16,000	1.9	2.0	28,000	32,000
Montgomery	26,000	27,000	1.9	2.1	49,000	57,000	Grainger	20,000	19,000	2.0	2.5	39,000	48,000
Perry	6,400	6,500	2.0	2.0	13,000	13,000	Greene	71,000	75,000	2.0	2.4	140,000	180,000
Robertson	41,000	42,000	2.4	2.2	97,000	91,000	Hamblen	15,000	16,000	1.9	2.5	28,000	40,000
Stewart	8,000	8,000	1.9	2.1	15,000	17,000	Hamilton	15,000	15,000	2.1	2.2	31,000	33,000
Wayne	18,000	19,000	2.1	2.1	37,000	40,000	Hancock	11,000	11,000	1.9	2.2	21,000	24,000
District 30	230,000	238,000	2.1	2.2	477,000	515,000	Hawkins	31,000	31,000	2.0	2.3	61,000	70,000
							Jefferson	31,000	32,000	2.2	2.4	67,000	76,000
Bedford	51,000	52,000	2.3	2.4	115,000	126,000	Knox	28,000	28,000	2.0	2.2	56,000	61,000
Cannon	18,000	19,000	2.4	2.4	43,000	45,000	Loudon	23,000	25,000	2.2	2.3	50,000	57,000
Clay	16,000	16,000	2.4	2.5	38,000	40,000	McMinn	34,000	34,000	2.0	2.4	67,000	80,000
Davidson	10,000	10,000	2.0	2.2	20,000	22,000	Meigs	12,000	13,000	2.0	2.4	24,000	31,000
DeKalb	20,000	20,000	2.1	2.4	41,000	47,000	Monroe	26,000	26,000	2.3	2.4	61,000	62,000
Giles	51,000	54,000	2.1	2.1	105,000	115,000	Polk	8,000	8,000	2.1	2.3	17,000	18,000
Jackson	13,000	13,000	2.4	2.5	31,000	32,000	Rhea	14,000	13,000	2.3	2.5	32,000	32,000
Lincoln	54,000	56,000	2.2	2.3	117,000	130,000	Roane	14,000	14,000	2.0	2.4	28,000	34,000
Macon	30,000	30,000	2.3	2.7	68,000	80,000	Sevier	15,000	15,000	2.0	2.6	30,000	39,000
Marshall	37,000	38,000	2.1	2.2	77,000	84,000	Sullivan	25,000	26,000	1.7	2.3	43,000	59,000
Maury	54,000	56,000	2.0	2.1	106,000	115,000	Union	11,000	11,000	1.9	2.3	21,000	25,000
Moore	11,000	11,000	2.3	2.5	25,000	28,000	Washington	44,000	44,000	2.0	2.5	86,000	112,000
Rutherford	42,000	43,000	2.0	2.0	82,000	88,000	Other ¹	9,000	9,000	1.9	2.4	17,000	22,000
Smith	27,000	28,000	2.1	2.5	56,000	70,000	District 60	580,000	590,000	2.0	2.4	1,160,000	1,390,000
Sumner	47,000	49,000	2.1	2.1	97,000	105,000	State	1,950,000	2,000,000	2.1	2.3	4,095,000	4,600,000

¹ Unlisted counties combined with "Other" counties.

Alfalfa Hay: Acreage, Yield, and Production, by County, 2002 and 2003

District and County	Harvested		Yield per Acre		Production		District and County	Harvested		Yield per Acre		Production	
	2002	2003	2002	2003	2002	2003		2002	2003	2002	2003	2002	2003
	Acres		Tons		Tons			Acres		Tons		Tons	
District 10	1,200	1,100	3.9	4.4	4,700	4,800	Coffee	500	500	3.2	4.6	1,600	2,300
Henry	500	500	3.8	4.6	1,900	2,300	Other ¹	2,700	2,400	3.5	3.6	9,400	8,700
Other ¹	1,700	1,700	3.8	3.5	6,400	5,900	District 50	3,200	2,900	3.4	3.8	11,000	11,000
District 20	2,200	2,200	3.8	3.7	8,300	8,200	Blount ²	600	600	2	5.0	3,000	3,000
Lawrence	700	700	3.9	3.9	2,700	2,700	Grainger	500	500	4.0	4.8	2,000	2,400
Montgomery	700	700	3.7	3.9	2,600	2,700	Greene	2,600	2,500	3.0	4.4	7,700	11,000
Robertson	1,800	2,600	4.2	4.7	7,500	12,200	Hamblen	500	500	3.0	4.4	1,500	2,200
Other ¹	1,200	1,000	3.5	5.4	4,200	5,400	Hawkins	1,200	1,200	2.9	3.6	3,500	4,300
District 30	4,400	5,000	3.9	4.6	17,000	23,000	Jefferson	600	600	3.5	4.2	2,100	2,500
Bedford	500	500	3.2	3.4	1,600	1,700	Johnson	700	700	2.7	3.6	1,900	2,500
Marshall	800	700	3.9	4.7	3,100	3,300	Sullivan	1,400	1,400	3.1	3.5	4,300	4,900
Mauzy	900	900	3.6	4.6	3,200	4,100	Washington	1,300	1,300	3.0	4.2	3,900	5,500
Rutherford	600	600	3.2	3.7	1,900	2,200	Other ¹	3,600	3,300	3.5	3.8	12,600	12,700
Sumner	800	800	3.4	4.5	2,700	3,600	District 60	12,400	12,600	3.2	4.0	39,500	51,000
Williamson	900	800	5.1	5.0	4,600	4,000	State	30,000	30,000	3.5	4.2	105,000	126,000
Other ¹	2,100	1,900	3.5	4.8	7,400	9,100							
District 40	6,600	6,200	3.7	4.5	24,500	28,000							

¹ Unlisted counties combined with "Other" counties.

² Combined with "Other" counties to avoid disclosure of individual operations.