

# COTTON

## RECORD PRODUCTION AND LOW PRICES

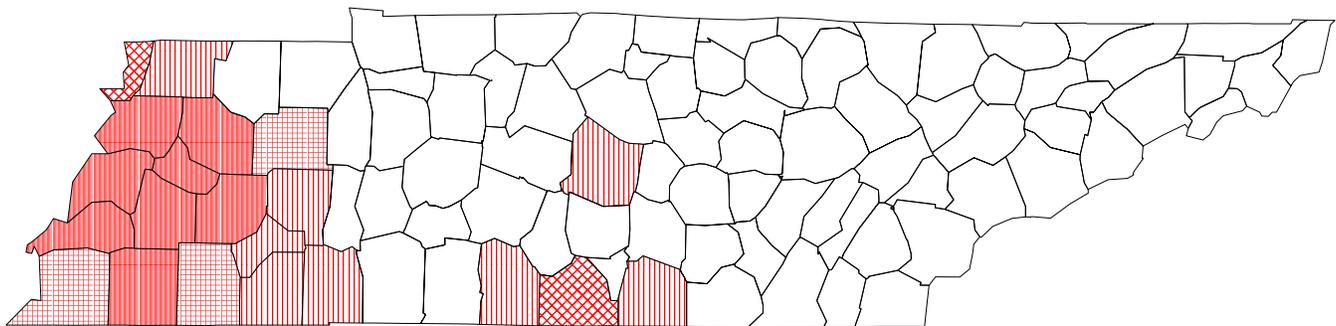
By Jim Heep

Cotton production in Tennessee was estimated at 978,000 bales, up 38 percent from 2000 and a new state record. This record production surpassed the previous record in 1994 by 93,000 bales. Producers planted 620,000 acres during 2001, of which 615,000 acres were harvested, both up 50,000 acres from a year earlier and the largest acreage since 1995. Yields averaged a record 763 pounds per acre, up 161 pounds from 2000. Producers had near ideal weather conditions and were able to plant the crop in record time. Timely rains throughout the growing season helped keep the crop in mostly good condition. The majority of the state's cotton had been harvested by the second week in November, on pace with normal. The combined value of lint and cottonseed, at \$174 million, was down 6 percent from 2000. Lint price averaged 30.7 cents per pound, the lowest market year average price since 1972. Cottonseed averaged \$85.00 per ton.

### COTTON: ACREAGE, YIELD, PRODUCTION, AND GINNINGS, TENNESSEE, 1992-2001

Crop Year	Acreage		Yield Per Acre	Production		Ginnings <sup>2</sup>
	Planted	Harvested		Lint <sup>1</sup>	Seed	
	1,000 Acres	1,000 Acres	Pounds Lint	1,000 bales	1,000 Tons	1,000 Bales
1992	625	615	651	834	332	826.0
1993	625	615	425	545	216	536.1
1994	590	585	726	885	348	878.9
1995	700	660	527	724	292	724.0
1996	540	530	611	675	262	677.4
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

<sup>1</sup> Production in 480 pound net weight bales. <sup>2</sup> Equivalent 480 pound net weight bales, not adjusted for cross-state movement.



#### TOP FIVE COUNTIES

1. HAYWOOD	188,000
2. CROCKETT	128,000
3. TIPTON	114,000
4. LAUDERDALE	96,000
5. FAYETTE	75,000

#### BALES

	50,000 AND OVER
	25,000 - 49,999
	10,000 - 24,999
	UNDER 10,000
	NO PRODUCTION

**COTTON LINT: PRICES RECEIVED BY FARMERS, BY MONTH, TENNESSEE, 1992-2001**

Crop Year	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Marketing Year Average <sup>1</sup>
1992	54.4	52.2	50.7	50.0	51.3	52.9	56.3	58.7	57.3	54.4	55.1	53.1	53.1
1993	51.0	50.5	52.9	54.0	55.5	60.7	64.0	65.5	68.6	66.2	58.2	61.0	58.7
1994	61.8	67.4	63.9	66.6	70.8	76.2	80.6	72.6	75.4	70.1	70.5	70.4	69.6
1995	70.3	71.1	73.5	75.8	73.2	74.6	72.2	80.1	77.5	73.7	75.2	73.0	75.0
1996	75.0	70.5	70.6	66.9	67.5	66.8	66.2	66.5	64.2	63.6	63.8	65.4	67.1
1997	63.4	64.2	65.8	69.9	63.7	61.7	62.7	62.9	63.0	63.0	68.5	66.5	65.3
1998	65.6	65.6	66.9	62.8	59.3	58.4	58.6	57.5	58.3	59.2	59.3	59.4	61.9
1999	57.5	59.1	45.0	42.9	40.3	42.4	42.7	45.8	43.4	46.4	44.0	44.6	43.6
2000	45.7	53.8	56.2	55.1	53.6	52.2	51.7	50.0	51.5	45.4	39.8	34.2	45.5
2001	35.1	<sup>2</sup>	30.4	28.1	32.5	28.1	28.3	29.9					30.7 <sup>3</sup>

<sup>1</sup> Marketing year is August 1 of the current year through July 31 of the following year.

<sup>2</sup> Price not published to avoid disclosing individual operations.

<sup>3</sup> Preliminary based on average to January 1, 2002.

**COTTONSEED: PRICES RECEIVED BY FARMERS, BY MONTH, TENNESSEE, 1992-2001**

Crop Year	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Marketing Year Average <sup>1</sup>
1992	---	---	---	86.0	88.0	---	---	---	---	---	---	---	86.0
1993	---	---	---	98.0	102.0	---	---	---	---	---	---	---	95.5
1994	---	---	95.0	90.0	88.0	---	---	---	---	---	---	---	90.0
1995	---	---	100.0	100.0	93.0	---	---	---	---	---	---	---	99.5
1996	---	---	120.0	109.0	100.0	---	---	---	---	---	---	---	118.0
1997	---	---	115.0	115.0	120.0	120.0	---	---	---	---	---	---	115.0
1998	---	---	130.0	135.0	135.0	---	---	---	---	---	---	---	131.0
1999	---	---	77.0	80.0	---	---	---	---	---	---	---	---	78.0
2000	---	---	100.0	105.0	---	---	---	---	---	---	---	---	101.0
2001	---	---	85.0	85.0	85.0	---	---	---	---	---	---	---	85.0

<sup>1</sup> Marketing year is August 1 of the current year through July 31 of the following year.

**COTTON: FARM MARKETINGS, PERCENT OF SALES, BY MONTH, TENNESSEE, 1991-2000<sup>1</sup>**

Crop Year	Year of Production					Following Year							
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	
	Percent												
1991	0.3	0.9	12.9	16.0	18.8	25.0	10.9	7.0	2.0	2.2	3.1	0.9	
1992	0.7	0.5	5.1	18.9	23.5	20.1	8.0	13.0	3.0	1.5	3.9	1.7	
1993	4.9	1.0	6.9	18.4	23.0	9.2	11.9	17.4	2.4	2.6	1.2	1.2	
1994	1.2	0.4	17.0	35.0	23.2	6.4	11.8	1.4	1.3	0.8	1.0	0.6	
1995	0.5	0.4	14.3	31.9	14.1	7.4	12.6	13.1	2.3	1.7	0.6	1.1	
1996	0.9	2.3	20.0	28.9	11.1	4.4	5.1	2.4	5.1	7.2	10.2	2.4	
1997	3.7	1.5	15.3	22.6	16.8	3.5	10.8	10.6	6.0	3.8	4.5	0.9	
1998	2.0	2.0	20.9	29.4	11.2	8.4	7.2	8.3	2.4	2.4	3.2	2.7	
1999	2.5	1.4	16.3	18.1	13.6	25.1	9.0	4.2	2.5	3.4	2.1	1.8	
2000	2.1	4.4	13.7	4.1	3.5	13.5	3.7	4.7	3.5	5.4	10.6	30.8	

<sup>1</sup> Percents reflect estimates of actual marketings used for calculating market year average. Percentages may not add to 100 due to rounding.

**COTTONSEED: PRODUCTION, FARM DISPOSITION, SALES, AND VALUE, TENNESSEE, 1992-2001**

Crop Year	Production	Farm Disposition		Used for Planting	Marketing Year Avg. Price	Value of Production	Value of Sales to Oil Mills
		Sales to Oil Mills	Other <sup>1</sup>				
		1,000 Tons		Dollars Per Ton		1,000 Dollars	
1992	332	296	36	6.6	86.0	28,552	25,456
1993	216	174	42	6.2	95.5	20,628	16,617
1994	348	283	65	7.4	90.0	31,320	25,470
1995	292	263	29	5.7	99.5	29,054	26,169
1996	262	212	50	5.1	118.0	30,916	25,016
1997	260	208	52	4.7	115.0	29,900	23,920
1998	205	154	51	4.0	131.0	26,855	20,174
1999	223	155	68	4.0	78.0	17,394	12,090
2000	289	179	110	4.3	101.0	29,189	18,079
2001	351	296	55	4.1	85.0	29,835	25,160

<sup>1</sup>Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses.

**COTTON AND COTTONSEED: PRICE AND VALUE, TENNESSEE, 1992-2001**

Crop Year	Lint		Cottonseed		Combined Value of Lint and Cottonseed	
	Marketing Year Average Price	Value of Production	Marketing Year Average Price	Value of Production		
		Cents Per Pound	1,000 Dollars	Dollars Per Ton	1,000 Dollars	1,000 Dollars
1992	53.1	212,570	86.0	28,552	241,122	
1993	58.7	153,559	95.5	20,628	174,187	
1994	69.6	295,661	90.0	31,320	326,981	
1995	75.0	260,640	99.5	29,054	289,694	
1996	67.1	217,404	118.0	30,916	248,320	
1997	65.3	207,497	115.0	29,900	237,397	
1998	61.9	162,228	131.0	26,855	189,083	
1999	43.6	124,522	78.0	17,394	141,916	
2000	45.5	155,064	101.0	29,189	184,253	
2001	30.7	144,118	85.0	29,835	173,953	

**COTTON: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, 1999, 2000 AND 2001**

District & County	Acreage Planted			Acreage Harvested			Yield per Harvested Acre			Production 480 Lbs. Net Wt.		
	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
	Acres						Pounds			Bales		
Dyer	39,000	37,000	39,000	38,500	36,500	38,500	474	565	711	38,000	43,000	57,000
Lake	13,000	11,500	14,000	13,000	11,000	13,500	517	698	871	14,000	16,000	24,500
Lauderdale	52,000	53,000	57,000	51,500	52,500	56,000	503	603	823	54,000	66,000	96,000
Obion	5,500	4,500	4,000	5,500	4,500	4,000	480	640	780	5,500	6,000	6,500
Shelby	20,500	23,000	25,000	20,500	23,000	25,000	527	543	768	22,500	26,000	40,000
Tipton	58,000	65,000	71,000	57,000	64,500	70,000	556	618	782	66,000	83,000	114,000
District 10	188,000	194,000	210,000	186,000	192,000	207,000	516	600	784	200,000	240,000	338,000
Carroll	12,000	11,400	16,800	12,000	11,000	16,400	540	829	995	13,500	19,000	34,000
Chester	2,100	1,500	1,500	2,100	1,500	1,500	480	608	800	2,100	1,900	2,500
Crockett	88,000	81,000	86,000	87,000	80,000	86,000	474	588	714	86,000	98,000	128,000
Fayette	44,000	49,000	51,000	43,500	48,500	51,000	530	594	706	48,000	60,000	75,000
Gibson	39,000	32,000	37,000	38,500	32,000	37,000	474	600	791	38,000	40,000	61,000
Hardeman	12,500	16,300	19,000	12,500	16,200	19,000	557	593	834	14,500	20,000	33,000
Hardin	2,600	1,500	2,200	2,600	1,500	2,100	443	544	800	2,400	1,700	3,500
Haywood	120,000	121,000	121,000	119,000	120,000	120,000	480	552	752	119,000	138,000	188,000
Henderson	2,500	2,700	3,300	2,500	2,700	3,300	461	747	727	2,400	4,200	5,000
McNairy	1,300	1,000	3,000	1,300	1,000	3,000	443	624	768	1,200	1,300	4,800
Madison	42,000	40,000	43,000	42,000	40,000	42,500	537	708	745	47,000	59,000	66,000
Weakley	700	<sup>2</sup>	<sup>2</sup>	700	<sup>2</sup>	<sup>2</sup>	411	<sup>2</sup>	<sup>2</sup>	600	<sup>2</sup>	<sup>2</sup>
Other <sup>1</sup>	300	600	1,200	300	600	1,200	480	720	880	300	900	2,200
District 20	367,000	358,000	385,000	364,000	355,000	383,000	495	600	756	375,000	444,000	603,000
Giles	1,800	2,200	2,200	1,800	2,200	2,200	640	611	785	2,400	2,800	3,600
Lincoln	5,800	8,000	14,800	5,800	8,000	14,800	679	678	714	8,200	11,300	22,000
Rutherford	2,400	3,100	3,000	2,400	3,100	3,000	540	650	704	2,700	4,200	4,400
Other <sup>1 3</sup>	300	300	600	300	300	600	480	640	560	300	400	700
District 40	10,300	13,600	20,600	10,300	13,600	20,600	634	660	715	13,600	18,700	30,700
Franklin	4,500	4,200	4,200	4,500	4,200	4,200	661	800	686	6,200	7,000	6,000
Other <sup>1</sup>	200	200	200	200	200	200	480	720	720	200	300	300
District 50	4,700	4,400	4,400	4,700	4,400	4,400	654	796	687	6,400	7,300	6,300
<b>State</b>	<b>570,000</b>	<b>570,000</b>	<b>620,000</b>	<b>565,000</b>	<b>565,000</b>	<b>615,000</b>	<b>505</b>	<b>603</b>	<b>763</b>	<b>595,000</b>	<b>710,000</b>	<b>978,000</b>

<sup>1</sup> Unlisted counties combined with "Other" counties.

<sup>2</sup> Less than 500 acres harvested, combined with "Other" counties.

<sup>3</sup> Includes District 30 where no individual counties are published.

# HAY

## ALL HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1992-2001

Crop Year	Acres Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
1992	1,600	2.17	3,465	52.00	178,668
1993	1,700	2.05	3,478	50.00	173,917
1994	1,700	2.23	3,795	51.00	193,793
1995	1,750	2.24	3,920	44.00	172,560
1996	1,790	2.13	3,811	45.00	172,169
1997	1,740	2.13	3,702	56.00	207,036
1998	1,785	2.22	3,969	56.00	221,585
1999	1,880	2.02	3,793	53.00	199,581
2000	2,035	2.32	4,730	51.00	240,220
2001	2,135	2.23	4,757	52.00	247,303

## ALFALFA: SEEDINGS, ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1992-2001

Crop Year	Area Seeded <sup>1</sup>	Acres Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
	1,000 Acres		Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
1992		70	3.60	252	97.00	24,444
1993		60	3.30	198	91.50	18,117
1994		50	3.30	165	96.50	15,923
1995		50	3.60	180	86.00	15,480
1996		40	3.40	136	104.00	14,144
1997	12	40	3.30	132	108.00	14,256
1998	4	35	3.40	119	115.00	13,685
1999	3	30	3.10	93	117.00	10,881
2000	8	35	3.70	130	113.00	14,690
2001	6	35	3.90	137	119.00	16,303

<sup>1</sup> New seedings of alfalfa and alfalfa mixtures. Data series began in 1997.

## ALL OTHER HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1992-2001

Crop Year	Acres Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
1992	1,530	2.10	3,213	48.00	154,224
1993	1,640	2.00	3,280	47.50	155,800
1994	1,650	2.20	3,630	49.00	177,870
1995	1,700	2.20	3,740	42.00	157,080
1996	1,750	2.10	3,675	43.00	158,025
1997	1,700	2.10	3,570	54.00	192,780
1998	1,750	2.20	3,850	54.00	207,900
1999	1,850	2.00	3,700	51.00	188,700
2000	2,000	2.30	4,600	49.00	225,400
2001	2,100	2.20	4,620	50.00	231,000

**HAY: PRICES RECEIVED BY FARMERS, BY MONTH, TENNESSEE, 1992-2001**

Crop Year	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Marketing Year Average <sup>1</sup>
	Dollars Per Ton												
<b>Alfalfa</b>													
1992	92.00	101.00	100.00	102.00	101.00	87.00	91.00	99.00	96.00	90.00	92.00	99.00	97.00
1993	89.00	93.00	99.00	97.00	95.00	87.00	86.00	85.00	93.00	89.00	88.00	85.00	91.50
1994	89.00	86.00	98.00	109.00	98.00	97.00	104.00	102.00	97.00	102.00	102.00	91.00	96.50
1995	89.00	87.00	87.00	85.00	86.00	86.00	84.00	86.00	81.00	87.00	91.00	94.00	86.00
1996	87.00	90.00	101.00	103.00	103.00	107.00	107.00	112.00	113.00	115.00	115.00	120.00	104.00
1997	110.00	105.00	112.00	112.00	105.00	105.00	105.00	106.00	108.00	111.00	114.00	120.00	108.00
1998	120.00	115.00	119.00	119.00	110.00	113.00	116.00	116.00	118.00	111.00	110.00	116.00	115.00
1999	110.00	110.00	110.00	115.00	120.00	120.00	120.00	120.00	120.00	125.00	130.00	125.00	117.00
2000	110.00	110.00	115.00	115.00	115.00	120.00	115.00	115.00	110.00	110.00	110.00	115.00	113.00
2001	115.00	115.00	120.00	120.00	120.00	125.00							119.00 <sup>2</sup>
<b>All Other</b>													
1992	52.00	51.00	54.00	50.00	53.00	45.00	44.00	45.00	46.00	42.00	48.00	50.00	48.00
1993	51.00	47.00	46.00	43.00	45.00	50.00	49.00	47.00	48.00	50.00	54.00	49.00	47.50
1994	51.00	50.00	45.00	47.00	50.00	51.00	47.00	51.00	49.00	51.00	52.00	43.00	49.00
1995	42.00	38.00	38.00	42.00	40.00	44.00	42.00	43.00	45.00	48.00	47.00	46.00	42.00
1996	49.00	43.00	40.00	44.00	42.00	41.00	41.00	42.00	43.00	48.00	50.00	54.00	43.00
1997	58.00	56.00	53.00	54.00	54.00	52.00	52.00	53.00	54.00	55.00	56.00	55.00	54.00
1998	56.00	51.00	48.00	51.00	52.00	57.00	54.00	56.00	59.00	59.00	59.00	56.00	54.00
1999	54.00	51.00	50.00	53.00	50.00	50.00	48.00	52.00	54.00	54.00	53.00	54.00	51.00
2000	49.00	49.00	50.00	52.00	49.00	48.00	49.00	47.00	47.00	47.00	48.00	53.00	49.00
2001	50.00	50.00	49.00	51.00	52.00	51.00							50.00 <sup>2</sup>
<b>All</b>													
1992	55.00	55.00	57.00	54.00	56.00	48.00	47.00	49.00	49.00	45.00	51.00	54.00	52.00
1993	53.00	49.00	48.00	45.00	47.00	52.00	51.00	49.00	51.00	52.00	56.00	51.00	50.00
1994	53.00	52.00	47.00	50.00	52.00	53.00	50.00	53.00	51.00	53.00	54.00	45.00	51.00
1995	44.00	40.00	40.00	44.00	42.00	46.00	44.00	45.00	47.00	50.00	49.00	49.00	44.00
1996	50.00	45.00	42.00	46.00	44.00	43.00	43.00	45.00	46.00	50.00	52.00	56.00	45.00
1997	60.00	58.00	55.00	56.00	56.00	53.00	54.00	55.00	56.00	57.00	58.00	58.00	56.00
1998	58.00	53.00	50.00	53.00	54.00	59.00	56.00	58.00	61.00	61.00	61.00	58.00	56.00
1999	55.00	53.00	52.00	55.00	52.00	52.00	50.00	54.00	56.00	56.00	55.00	56.00	53.00
2000	51.00	51.00	52.00	54.00	51.00	50.00	51.00	49.00	49.00	49.00	50.00	55.00	51.00
2001	52.00	52.00	51.00	53.00	54.00	53.00							51.00 <sup>2</sup>

<sup>1</sup> Marketing year is May 1 of current year through April 30 of the following year. <sup>2</sup> Preliminary based on the first six months of the marketing year.

**HAY: PRODUCTION, STOCKS ON FARMS, TENNESSEE, 1992-2001**

Crop Year	Production 1,000 Tons	Stocks			
		December 1 1,000 Tons	Percent of Production	May 1 <sup>1</sup> 1,000 Tons	Percent of Production
1992	3,465	2,945	85.0	485	14.0
1993	3,478	2,226	64.0	417	12.0
1994	3,795	3,340	88.0	721	19.0
1995	3,920	3,136	80.0	235	6.0
1996	3,811	3,049	80.0	419	11.0
1997	3,702	3,184	86.0	555	15.0
1998	3,969	3,175	80.0	635	16.0
1999	3,793	2,655	70.0	607	16.0
2000	4,730	3,405	72.0	804	17.0
2001	4,757	3,948	83.0	809	17.0

<sup>1</sup> Following year.

**ALFALFA HAY: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, 1999, 2000 AND 2001**

District and County	Acreage Harvested			Yield Tons per Acre			Production in Tons		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
Obion	500	500	500	3.2	3.8	4.8	1,600	1,900	2,400
Other <sup>1</sup>	800	800	900	2.9	3.5	3.7	2,300	2,800	3,300
District 10	1,300	1,300	1,400	3.0	3.6	4.1	3,900	4,700	5,700
Other <sup>1</sup>	1,800	2,200	2,200	3.1	3.5	3.8	5,500	7,700	8,300
District 20	1,800	2,200	2,200	3.1	3.5	3.8	5,500	7,700	8,300
Dickson	500	700	600	3.4	3.6	4.5	1,700	2,500	2,700
Lawrence	700	900	900	3.3	4.4	2.8	2,300	4,000	2,500
Montgomery	600	800	800	3.5	3.6	3.8	2,100	2,900	3,000
Robertson	2,000	2,600	3,000	3.0	3.6	4.3	6,000	9,300	13,000
Other <sup>1</sup>	800	900	800	3.1	3.7	3.5	2,500	3,300	2,800
District 30	4,600	5,900	6,100	3.2	3.7	3.9	14,600	22,000	24,000
Bedford	500	700	800	3.0	4.4	4.3	1,500	3,100	3,400
Giles	700	700	600	3.0	3.6	3.5	2,100	2,500	2,100
Marshall	1,100	1,200	1,400	2.8	4.3	4.7	3,100	5,200	6,600
Mauzy	1,000	1,100	1,100	3.0	3.6	3.5	3,000	4,000	3,900
Rutherford	900	1,100	1,400	2.8	3.3	3.7	2,500	3,600	5,200
Sumner	900	900	900	3.0	3.4	3.9	2,700	3,100	3,500
Williamson	800	800	800	2.9	3.4	3.3	2,300	2,700	2,600
Other <sup>1</sup>	2,000	2,200	1,600	2.9	3.2	3.6	5,800	7,100	5,700
District 40	7,900	8,700	8,600	2.9	3.6	3.8	23,000	31,300	33,000
Coffee	500	600	500	3.2	4.0	3.6	1,600	2,400	1,800
Franklin	700	900	800	3.4	4.6	4.3	2,400	4,100	3,400
Warren	500	600	600	3.0	3.5	4.2	1,500	2,100	2,500
Other <sup>1</sup>	2,200	2,500	2,300	3.0	3.5	3.6	6,500	8,700	8,300
District 50	3,900	4,600	4,200	3.1	3.8	3.8	12,000	17,300	16,000
Blount	600	800	900	3.2	3.9	3.7	1,900	3,100	3,300
Greene	1,600	1,800	1,800	3.4	4.0	4.3	5,400	7,200	7,800
Hamblen	500	500	500	3.6	4.0	4.2	1,800	2,000	2,100
Hawkins	800	900	900	3.0	3.7	3.8	2,400	3,300	3,400
Jefferson	600	600	600	3.2	4.3	4.0	1,900	2,600	2,400
Johnson	600	800	800	3.0	3.6	4.6	1,800	2,900	3,700
Monroe	500	500	500	3.4	3.6	4.2	1,700	1,800	2,100
Sullivan	900	1,000	1,000	3.2	3.6	4.2	2,900	3,600	4,200
Washington	1,100	1,400	1,500	3.6	4.3	3.6	4,000	6,000	5,400
Other <sup>1</sup>	3,300	4,000	4,000	3.1	3.6	3.9	10,200	14,500	15,600
District 60	10,500	12,300	12,500	3.2	3.8	4.0	34,000	47,000	50,000
<b>State</b>	<b>30,000</b>	<b>35,000</b>	<b>35,000</b>	<b>3.1</b>	<b>3.7</b>	<b>3.9</b>	<b>93,000</b>	<b>130,000</b>	<b>137,000</b>

<sup>1</sup> Unlisted counties combined with "Other" counties.

**ALL OTHER HAY, EXCEPT ALFALFA: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, 1999, 2000 AND 2001**

District and County	Acreage Harvested			Yield Tons per Acre			Production in Tons		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
Dyer	7,500	7,500	7,500	1.6	2.0	2.1	12,000	15,000	15,500
Obion	12,000	13,000	12,000	1.8	2.3	2.3	21,000	30,000	28,000
Shelby	11,000	11,000	11,000	2.4	2.1	2.2	26,000	23,000	24,000
Tipton	6,500	7,100	6,500	2.0	2.2	2.1	13,000	15,500	13,500
Other <sup>1</sup>	5,000	5,400	5,000	1.6	2.1	2.2	8,000	11,500	11,000
District 10	42,000	44,000	42,000	1.9	2.2	2.2	80,000	95,000	92,000
Benton	10,000	10,500	11,500	1.8	2.2	1.8	18,000	23,000	21,000
Carroll	17,000	17,000	18,000	1.7	2.2	2.0	29,000	38,000	36,000
Chester	9,000	9,500	10,500	1.7	2.1	2.2	15,000	20,000	23,000
Crockett	5,000	6,000	6,500	1.6	2.1	2.0	8,000	12,500	13,000
Decatur	15,000	15,000	15,000	1.7	2.3	2.4	26,000	34,000	36,000
Fayette	22,000	22,000	24,000	1.6	2.0	1.9	36,000	45,000	45,000
Gibson	12,000	13,000	14,000	1.5	2.0	2.0	18,000	26,000	28,000
Hardeman	17,000	17,000	18,000	1.5	2.0	2.2	26,000	34,000	40,000
Hardin	12,000	12,000	11,500	1.5	2.0	2.3	18,000	24,000	26,000
Haywood	5,000	5,500	6,000	2.0	2.3	1.8	10,000	12,500	11,000
Henderson	24,000	24,000	23,000	1.7	2.0	1.9	41,000	49,000	43,000
Henry	19,000	20,000	20,000	1.7	2.4	2.2	33,000	48,000	43,000
McNairy	11,000	11,000	12,000	1.2	1.9	2.5	13,000	21,000	30,000
Madison	9,000	9,500	9,000	1.7	2.2	1.9	15,000	21,000	17,000
Weakley	16,000	16,000	16,000	1.5	2.3	2.3	24,000	37,000	36,000
District 20	203,000	208,000	215,000	1.6	2.1	2.1	330,000	445,000	448,000
Cheatham	11,000	12,000	13,000	1.9	2.4	2.1	21,000	29,000	27,000
Dickson	29,000	30,000	32,000	1.8	2.1	2.1	51,000	64,000	66,000
Hickman	24,000	26,000	26,000	1.8	1.9	2.0	42,000	50,000	51,000
Houston	8,500	9,000	10,000	1.8	2.2	2.0	15,000	20,000	20,000
Humphreys	20,000	20,000	21,500	1.7	2.1	1.9	34,000	42,000	41,000
Lawrence	42,000	42,000	45,000	1.9	2.0	2.1	80,000	86,000	93,000
Lewis	6,500	6,500	6,500	2.0	2.0	1.9	13,000	13,000	12,500
Montgomery	26,000	29,000	28,000	1.9	2.0	1.9	49,000	58,000	52,000
Perry	6,500	6,500	8,000	1.9	2.0	2.1	12,500	13,000	17,000
Robertson	45,000	51,000	50,000	1.9	2.2	2.1	84,000	110,000	103,000
Stewart	7,500	8,000	8,000	1.9	2.1	2.1	14,500	17,000	16,500
Wayne	19,000	20,000	22,000	1.8	1.9	1.9	34,000	38,000	41,000
District 30	245,000	260,000	270,000	1.8	2.1	2.0	450,000	540,000	540,000
Bedford	48,000	53,000	53,000	1.7	2.1	2.2	82,000	113,000	115,000
Cannon	16,000	18,000	20,000	1.8	2.3	2.0	29,000	42,000	40,000
Clay	14,500	15,500	16,000	1.9	2.3	1.9	27,000	36,000	30,000
Davidson	10,000	11,000	11,000	1.8	2.3	1.9	18,000	25,000	21,000
DeKalb	17,000	18,000	20,000	2.1	2.5	2.3	36,000	45,000	45,000
Giles	43,000	47,000	51,000	1.5	2.1	2.0	65,000	100,000	100,000
Jackson	11,000	13,000	14,000	2.2	2.4	2.2	24,000	31,000	31,000
Lincoln	48,000	50,000	54,000	1.9	2.2	2.5	90,000	112,000	135,000
Macon	28,000	30,000	30,000	1.9	2.2	2.0	53,000	67,000	60,000
Marshall	35,000	38,000	39,000	1.5	2.2	2.1	53,000	82,000	81,000
Maury	50,000	56,000	56,000	1.8	2.0	1.9	90,000	114,000	105,000
Moore	9,500	10,500	11,000	2.0	2.2	2.5	19,000	23,000	27,000
Rutherford	37,000	40,000	43,000	1.8	1.9	1.9	65,000	77,000	80,000
Smith	24,000	26,000	27,000	1.8	2.1	2.0	44,000	55,000	54,000
Sumner	43,000	46,000	49,000	1.8	2.3	2.0	76,000	106,000	96,000
Trousdale	13,000	14,000	14,000	1.8	2.2	2.3	23,000	31,000	32,000
Williamson	46,000	46,000	50,000	1.9	2.0	2.0	87,000	94,000	98,000
Wilson	47,000	48,000	53,000	1.8	2.3	1.9	84,000	112,000	100,000
District 40	540,000	580,000	611,000	1.8	2.2	2.0	965,000	1,265,000	1,250,000

See footnote at end of table.

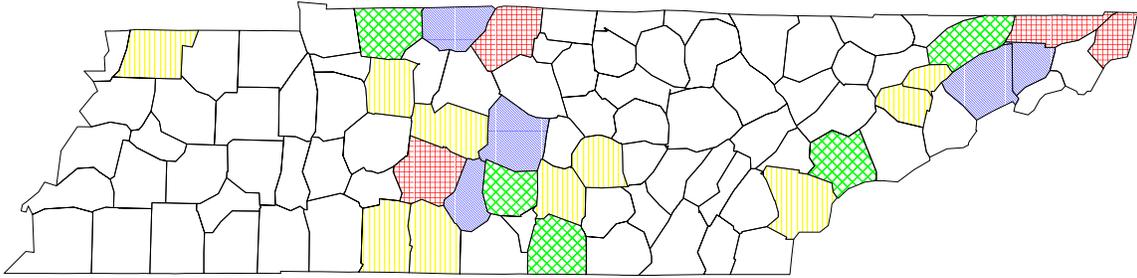
(continued)

**ALL OTHER HAY, EXCEPT ALFALFA: ACREAGE, YIELD, AND PRODUCTION, BY COUNTY, 1999, 2000 AND 2001** (continued)

District and County	Acreage Harvested			Yield Tons per Acre			Production in Tons		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
Bledsoe	22,000	25,000	28,000	2.2	2.5	2.5	48,000	63,000	70,000
Coffee	26,000	30,000	30,000	2.0	2.3	2.6	53,000	70,000	77,000
Cumberland	23,000	24,000	24,000	2.2	2.1	2.4	50,000	51,000	57,000
Fentress	13,500	14,500	15,000	2.2	2.5	2.3	30,000	36,000	34,000
Franklin	21,000	25,000	26,000	2.1	2.5	2.8	45,000	63,000	73,000
Grundy	6,500	7,500	8,000	2.2	2.4	2.4	14,000	18,000	19,000
Marion	8,500	9,500	10,000	2.2	2.3	2.4	19,000	22,000	24,000
Morgan	11,000	12,000	12,000	2.2	2.3	2.3	24,000	28,000	27,000
Overton	22,000	26,000	25,000	2.3	2.3	2.3	50,000	61,000	58,000
Pickett	7,500	8,000	8,500	2.1	2.4	2.4	16,000	19,000	20,000
Putnam	23,000	27,000	30,000	2.2	2.4	2.3	50,000	66,000	69,000
Scott	6,500	6,500	7,000	2.2	2.5	2.3	14,500	16,000	16,000
Sequatchie	4,500	5,000	5,000	2.1	2.3	2.6	9,500	11,500	13,000
Van Buren	7,000	7,000	7,500	2.1	2.5	2.3	15,000	17,500	17,000
Warren	32,000	36,000	39,000	2.0	2.3	2.6	65,000	84,000	100,000
White	31,000	35,000	37,000	2.3	2.5	2.6	72,000	89,000	96,000
District 50	265,000	298,000	312,000	2.2	2.4	2.5	575,000	715,000	770,000
Anderson	10,000	11,000	12,000	2.3	2.3	2.0	23,000	25,000	24,500
Blount	29,000	32,000	36,000	2.6	2.6	2.4	75,000	84,000	87,000
Bradley	23,000	26,000	26,500	2.2	2.2	2.4	50,000	58,000	64,000
Campbell	9,000	9,500	9,000	2.6	2.7	2.4	23,000	26,000	22,000
Carter	7,500	8,500	8,500	2.0	2.6	2.5	15,000	22,000	21,000
Claiborne	24,000	27,000	28,000	2.4	2.7	2.5	57,000	74,000	69,000
Cocke	15,000	16,000	16,000	2.5	2.8	2.4	38,000	45,000	39,000
Grainger	19,000	21,000	22,500	2.7	2.8	2.6	51,000	58,000	58,000
Greene	68,000	75,000	76,000	2.5	2.5	2.2	170,000	190,000	168,000
Hamblen	13,000	16,000	17,500	2.6	2.5	2.3	34,000	40,000	41,000
Hamilton	14,000	15,000	17,000	1.8	2.2	2.4	25,000	33,000	41,000
Hancock	8,500	9,500	11,000	2.1	2.6	2.2	18,000	25,000	24,000
Hawkins	30,000	32,000	35,500	2.2	2.4	2.2	65,000	78,000	77,000
Jefferson	30,000	32,000	34,000	2.5	2.6	2.5	75,000	84,000	84,000
Johnson	8,500	9,500	7,500	2.1	2.6	2.4	18,000	25,000	18,000
Knox	26,000	29,000	32,000	2.5	2.6	2.3	65,000	76,000	73,000
Loudon	21,000	24,000	26,500	2.4	2.5	2.0	50,000	61,000	52,000
McMinn	32,000	35,000	39,000	2.3	2.4	2.3	75,000	85,000	88,000
Meigs	11,000	12,500	14,000	2.3	2.5	2.1	25,000	31,000	30,000
Monroe	28,000	30,000	31,000	2.3	2.4	2.5	64,000	73,000	76,000
Polk	7,500	8,000	9,000	2.3	2.5	2.4	17,000	20,000	22,000
Rhea	13,000	14,000	14,000	2.3	2.6	2.4	30,000	37,000	33,000
Roane	14,500	16,000	16,000	2.2	2.3	2.3	32,000	37,000	36,000
Sevier	16,000	16,000	17,500	2.3	2.7	2.5	37,000	43,000	43,000
Sullivan	24,000	26,000	28,000	2.1	2.5	2.4	50,000	66,000	67,000
Unicoi	1,500	1,500	2,000	2.0	2.7	2.3	3,000	4,000	4,500
Union	10,000	11,000	12,000	2.1	2.3	2.6	21,000	25,000	31,000
Washington	42,000	47,000	52,000	2.2	2.4	2.4	94,000	115,000	127,000
District 60	555,000	610,000	650,000	2.3	2.5	2.3	1,300,000	1,540,000	1,520,000
<b>State</b>	<b>1,850,000</b>	<b>2,000,000</b>	<b>2,100,000</b>	<b>2.0</b>	<b>2.3</b>	<b>2.2</b>	<b>3,700,000</b>	<b>4,600,000</b>	<b>4,620,000</b>

<sup>1</sup> Unlisted counties combined with "Other" counties.

# ALFALFA HAY 2001



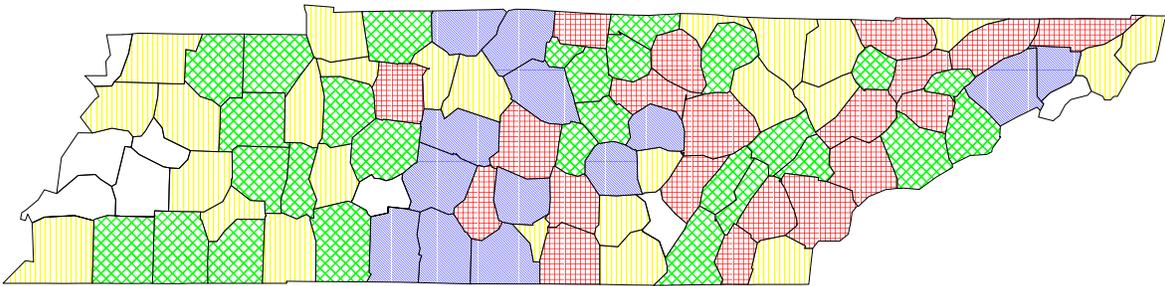
## TOP FIVE COUNTIES

1. ROBERTSON	13,000
2. GREENE	7,800
3. MARSHALL	6,600
4. WASHINGTON	5,400
5. RUTHERFORD	5,200

## TONS

	5,000 AND OVER
	3,500 - 4,999
	3,000 - 3,499
	1,500 - 2,999
	UNDER 1,500

# OTHER HAY 2001



## TOP FIVE COUNTIES

1. GREENE	168,000
2. LINCOLN	135,000
3. WASHINGTON	127,000
4. BEDFORD	115,000
5. MAURY	105,000

## TONS

	90,000 AND OVER
	55,000 - 89,999
	30,000 - 54,999
	15,000 - 29,999
	UNDER 15,000

# GRAIN STOCKS

## OFF-FARM GRAIN STOCKS BY QUARTER, TENNESSEE, 1992-2001 <sup>1</sup>

Crop	Crop Year	Production	December 1	Following Year		
				March 1	June 1	September 1
1,000 Bushels						
Soybeans	1992	33,250	10,567	3,829	1,153	236
	1993	31,000	10,055	5,228	1,869	414
	1994	36,500	12,059	4,981	2,271	273
	1995	32,000	9,621	4,185	1,102	213
	1996	38,500	9,330	3,031	1,162	151
	1997	40,800	9,981	2,685	1,095	252
	1998	35,090	7,935	3,315	1,595	288
	1999	22,800	6,785	3,006	1,387	343
	2000	28,750	6,995	2,379	791	247
	2001	35,700	6,308	3,182	1,274	
Corn	1992	79,360	12,020	10,638	6,789	3,685
	1993	46,200	9,114	7,130	4,515	2,154
	1994	66,120	9,897	8,172	5,264	2,014
	1995	63,720	11,448	9,520	5,502	1,290
	1996	75,400	8,977	6,686	4,819	1,707
	1997	63,240	11,194	7,995	4,666	2,078
	1998	59,520	11,061	7,945	4,000	2,671
	1999	58,140	15,818	12,020	4,047	1,320
	2000	66,120	12,956	9,267	4,660	1,413
	2001	81,840	17,913	13,525	5,346	
Sorghum	1992	4,800	1,325	585	226	136
	1993	3,120	1,476	1,265	1,001	<sup>2</sup>
	1994	2,640	286	246	<sup>2</sup>	<sup>2</sup>
	1995	1,305	155	122	108	1
	1996	1,620	223	243	196	<sup>2</sup>
	1997	1,050	128	55	34	<sup>2</sup>
	1998	1,120	132	102	<sup>2</sup>	<sup>2</sup>
	1999	1,260	232	162	69	<sup>2</sup>
	2000	1,650	147	188	<sup>2</sup>	13
	2001	2,160	153	87	<sup>2</sup>	

Crop	Crop Year	Production	September 1	December 1	Following Year	
					March 1	June 1
1,000 Bushels						
Wheat	1992	13,440	5,720	4,166	2,236	1,463
	1993	13,940	8,019	4,614	2,860	1,400
	1994	15,000	10,450	8,960	4,143	1,311
	1995	15,980	8,213	5,887	3,674	2,435
	1996	16,720	4,586	3,826	2,725	1,756
	1997	16,200	9,356	6,908	3,597	1,674
	1998	15,170	12,364	10,915	8,334	2,513
	1999	19,040	11,482	8,008	4,918	2,795
	2000	20,900	11,078	7,893	3,930	2,491
	2001	18,360	8,321	7,531	3,808	1,936

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors. <sup>2</sup> Not published to avoid disclosing individual operations.

**SOYBEAN STOCKS BY STORAGE POSITION AND QUARTER, TENNESSEE, 1992-2001**

Month	Position	Crop Year									
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
December 1	On-Farm	7,000	9,000	11,500	8,000	8,000	8,800	2	2	2	2
	Off-Farm <sup>1</sup>	10,567	10,055	12,059	9,621	9,330	9,981	7,935	6,785	6,995	6,308
	Total	17,567	19,055	23,559	17,621	17,330	18,781	2	2	2	2
March 1 <sup>3</sup>	On-Farm	3,700	3,200	6,500	3,700	2,400	2	2	2	2	2
	Off-Farm <sup>1</sup>	3,829	5,228	4,981	4,185	3,031	2,685	3,315	3,006	2,379	3,182
	Total	7,529	8,428	11,481	7,885	5,431	2	2	2	2	2
June 1 <sup>3</sup>	On-Farm	2,100	1,200	4,500	2,000	700	2	2	2	2	2
	Off-Farm <sup>1</sup>	1,153	1,869	2,271	1,102	1,162	1,095	1,595	1,387	791	1,274
	Total	3,253	3,069	6,771	3,102	1,862	2	2	2	2	2
September 1 <sup>3</sup>	On-Farm	600	700	800	200	250	2	2	2	2	2
	Off-Farm <sup>1</sup>	236	414	273	213	151	252	288	343	247	2
	Total	836	1,114	1,073	413	401	2	2	2	2	2

<sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors.  
<sup>2</sup> Data no longer published. <sup>3</sup> Stocks are for the crop year beginning in December.

**GRAIN STORAGE CAPACITY BY STORAGE POSITION ON DECEMBER 1, TENNESSEE, 1992-2001**

Year	Off-Farm <sup>1</sup>		On-Farm Capacity	Total Capacity
	Number of Facilities	Capacity		
	1,000 Bushels			
1992	257	60,480	90,000	150,480
1993	256	60,130	85,000	145,130
1994	256	59,370	85,000	144,370
1995	231	58,430	80,000	138,430
1996	229	58,860	70,000	128,860
1997	225	58,510	70,000	128,510
1998	225	58,510	65,000	123,510
1999	211	55,500	65,000	120,500
2000	210	56,792	65,000	121,792
2001	207	56,084	65,000	121,084

<sup>1</sup> Includes mills, elevators, warehouses, terminals, and processors.

# VEGETABLES

## FRESH MARKET PRODUCTION DOWN

By Carnethia Wright

Fresh market production during 2001 for tomatoes, snapbeans, and squash were all down from 2000. Tomato production, at 495,000 cwt., decreased 56 percent from the previous year's 1.13 million cwt. Value of production, at 9.90 million, was the lowest in 18 years. Producers harvested 900 less acres and averaged 165 cwt. per acre, down 43 percent from a year earlier. Fresh market snap bean production, at 295,000 cwt., decreased 11 percent from 2000, while total value increased 3 percent. The increase in value was due to farmers receiving \$4.00 per cwt. more than the previous year. Fresh market squash production, at 51,000 cwt, was down over half of 2000's production. Growers harvested 900 acres, down 300 acres, and total value of production was down 65 percent to \$1.06 million.

### TOMATOES, FRESH MARKET: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1992-2001

Crop Year	Acreage		Yield Per Acre	Production	Marketing Year Average Price	Value of Production
	Planted	Harvested				
	Acres		Cwt.	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars
1992	4,800	4,500	160	720	21.00	15,120
1993	4,500	4,300	160	688	27.00	18,576
1994	4,300	4,000	230	920	27.00	24,840
1995	4,300	4,100	210	861	21.00	18,081
1996	3,900	3,700	215	796	24.00	19,104
1997	3,800	3,600	240	864	27.00	23,328
1998	3,600	3,400	250	850	38.00	32,300
1999	3,900	3,600	230	828	29.00	24,012
2000	4,200	3,900	290	1,131	31.00	35,061
2001	3,600	3,000	165	495	20.00	9,900

### SNAP BEANS, FRESH MARKET: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1992-2001

Crop Year	Acreage		Yield Per Acre	Production	Marketing Year Average Price	Value of Production
	Planted	Harvested				
	Acres		Cwt.	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars
1992	8,800	7,500	35	263	25.60	6,733
1993	9,900	9,300	37	344	24.30	8,359
1994	9,900	8,800	46	405	28.60	11,583
1995	8,700	8,000	38	304	29.20	8,877
1996	10,000	8,400	43	361	29.10	10,505
1997	10,000	8,200	40	328	26.50	8,692
1998	10,300	8,200	34	279	31.40	8,761
1999	10,000	8,000	38	304	28.80	8,755
2000	10,500	9,200	36	331	26.00	8,606
2001	8,400	7,200	41	295	30.00	8,850

### SQUASH, FRESH MARKET AND PROCESSED: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 2000-2001<sup>1</sup>

Crop Year	Acreage		Yield Per Acre	Production	Marketing Year Average Price	Value of Production
	Planted	Harvested				
	Acres		Cwt.	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars
2000	1,300	1,200	87	104	29.20	3,033
2001	1,000	900	57	51	20.70	1,058

<sup>1</sup> Data not available prior to 2000.

# FRUIT

## A POOR YEAR FOR TENNESSEE'S APPLE CROP

By David Gillespie

Tennessee's apple production was down 5 percent to 9.0 million pounds. Disease hit some producer's apple trees, causing utilized production to drop 24 percent from the previous year to 6.5 million pounds. The marketing year average price was down almost 1 cent to 23.5 cents per pound. The value of production dropped 26 percent from the previous year to \$1.53 million. The number of bearing trees for 2001 decreased by 8 percent to 120,000 and the number of bearing acres decreased 9 percent to 1,000 acres.

### COMMERCIAL APPLES: PRODUCTION, PRICE, AND VALUE, TENNESSEE, 1992-2001<sup>1</sup>

Crop Year	Total Production <sup>2</sup>	Utilized Production <sup>3</sup>	Marketing Year Average Price <sup>4</sup>	Value of Production <sup>5</sup>
	Million Pounds		Cents Per Pound	1,000 Dollars
1992	13.0	12.4	17.6	2,186
1993	19.0	15.1	16.9	2,559
1994	10.0	9.0	19.5	1,759
1995	16.0	12.6	21.5	2,704
1996	11.0	9.8	24.1	2,364
1997	10.0	8.5	23.8	2,023
1998	12.5	9.0	22.2	2,000
1999	9.5	8.0	21.1	1,685
2000	9.5	8.5	24.4	2,076
2001	9.0	6.5	23.5	1,527

<sup>1</sup> "Commercial" refers to the total production in orchards of 100 or more bearing age trees.

<sup>2</sup> Total production is the quantity actually harvested plus quantities which were not harvested because of economic or natural reasons.

<sup>3</sup> Utilized production is the amount sold plus the quantities used at home or held in storage.

<sup>4</sup> Average for all methods of sale.

<sup>5</sup> Value of production is price times utilized production.

### COMMERCIAL APPLES: BEARING TREES AND ACRES, YIELD, AND PRODUCTION, TENNESSEE 1992-2001

Crop Year	Bearing <sup>1</sup>		Yield Per		Total Production
	Trees	Acres	Tree	Acre	
			Pounds		Million Pounds
1992	170,000	1,700	76.5	7,650	13.0
1993	175,000	1,700	108.6	11,200	19.0
1994	175,000	1,700	57.1	5,880	10.0
1995	165,000	1,600	97.0	10,000	16.0
1996	155,000	1,500	71.0	7,330	11.0
1997	150,000	1,400	66.7	7,140	10.0
1998	150,000	1,400	83.3	8,930	12.5
1999	130,000	1,100	73.1	8,640	9.5
2000	130,000	1,100	73.1	8,640	9.5
2001	120,000	1,000	75.0	9,000	9.0

<sup>1</sup> A tree set out at least four years is considered bearing.

## PEACH PRODUCTION REVERSES DECLINING TREND

An unusually good year for peach production in Tennessee helped producers reverse a 3 year decline. Peach production in Tennessee during 2001 increased 48 percent to 3.70 million pounds. Prices, however, decreased 11 percent to 48.4 cents per pound. Value of production, at \$1.69 million, was up 35 percent. The number of bearing trees has remained unchanged at 60,000 for the last 3 years. The number of acres of peach trees has also remained constant for the third straight year at 600 acres. Yield per tree, at 61.7 pounds, was up 20 pounds over the previous year.

### COMMERCIAL PEACHES: PRODUCTION, PRICE, AND VALUE, TENNESSEE, 1992 - 2001<sup>1</sup>

Crop Year	Total Production <sup>2</sup>	Utilized Production <sup>3</sup>	Marketing Year Average Price <sup>4</sup>	Value of Production <sup>5</sup>
	Million Pounds		Cents Per Pound	1,000 Dollars
1992	4.2	4.1	35.4	1,451
1993	10.4	7.6	38.0	2,888
1994	1.7	1.6	40.4	646
1995	10.4	5.2	35.4	1,841
1996	0.4	0.4	67.6	270
1997	3.5	3.0	38.0	1,140
1998	3.2	3.0	45.0	1,350
1999	3.1	3.0	47.0	1,410
2000	2.5	2.3	54.5	1,254
2001	3.7	3.5	48.4	1,694

<sup>1</sup> "Commercial" refers to the total production in orchards of 100 or more bearing age trees.

<sup>2</sup> Total production is the quantity actually harvested plus quantities which were not harvested because of economic or natural reasons.

<sup>3</sup> Utilized production is the amount sold plus the quantities used at home or held in storage.

<sup>4</sup> Average for all methods of sale.

<sup>5</sup> Value of production is price times utilized production.

### COMMERCIAL PEACHES: BEARING TREES AND ACRES, YIELD, AND PRODUCTION, TENNESSEE, 1992 - 2001

Crop Year	Bearing <sup>1</sup>		Yield Per		Total Production
	Trees	Acres	Tree	Acre	
			Pounds		Million Pounds
1992	160,000	1,700	26.3	2,470	4.2
1993	145,000	1,400	71.7	7,430	10.4
1994	145,000	1,400	11.7	1,210	1.7
1995	135,000	1,300	77.0	8,000	10.4
1996	125,000	1,200	3.2	330	0.4
1997	95,000	900	36.8	3,890	3.5
1998	80,000	800	40.0	4,000	3.2
1999	60,000	600	51.7	5,170	3.1
2000	60,000	600	41.7	4,170	2.5
2001	60,000	600	61.7	6,170	3.7

<sup>1</sup> A tree set out at least four years is considered bearing.

# FLORICULTURE

## Wholesale Value of Tennessee's Floriculture Crops Down 13 Percent

By Carnethia Wright

Tennessee's 2001 wholesale value of floriculture crops was down 13 percent from the revised 2000 value. The total crop value at wholesale for 204 growers with \$10,000 or more in sales was estimated at \$45.8 million, compared with \$52.4 million for 2000. A total of 62 growers had sales over \$100,000, the same as 2000. Total covered area for floriculture crop production decreased slightly from 11.7 million square feet in 2000 to 11.4 million square feet for 2001. Film plastic structures continued to account for the largest covered area of Tennessee's floriculture crops. The wholesale value of the State's floriculture crops grown by operations exceeding the \$100,000 sales level totaled 36.6 million, down 13 percent from the 2000 total. By category, Tennessee producers with more than \$100,000 produced \$26.8 million of bedding and garden plants; \$8.92 million in potted flowering plants and \$899 thousand of foliage for indoor or patio use.

### FLORICULTURE: GROWERS, WHOLESALE VALUE, AND GROWING AREA, TENNESSEE, 1992-2001

Crop Year	Total Growers	Wholesale Value of Production <sup>1</sup>	Total Greenhouse Cover	Shade and Temporary Cover	Total Covered Area	Open Ground
		1,000 Dollars	1,000 Square Feet	1,000 Square Feet	1,000 Square Feet	1,000 Square Feet
	Number	Dollars	Square Feet	Square Feet	Square Feet	Square Feet
1992	193	27,254	5,143	196	5,339	82
1993	188	30,396	5,309	153	5,462	70
1994	181	31,629	5,264	179	5,433	56
1995	162	34,545	5,555	205	5,760	51
1996	166	35,184	5,556	146	5,702	83
1997	214	45,683	6,819	329	7,148	111
1998	195	44,538	7,157	307	7,464	159
1999	196	47,062	7,167	198	7,365	159
2000	200	52,369	6,646	230	6,856	227
2001	248	45,781	6,502	94	6,596	191

<sup>1</sup> Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

### FLORICULTURE CROPS: WHOLESALE VALUE OF SALES BY CATEGORY, TENNESSEE, 1992-2001

Crop Year	Growers	Total Bedding/Garden Plants	Total Potted Flowering Plants	Total Foliage For Indoor or Patio Use	Total Cut Flowers	Total Wholesale Value of Reported Crops <sup>1</sup>
		Number	1,000 Dollars			
1992	63	9,498	10,799	1,040	637	21,974
1993	63	13,201	10,205	1,053	807	25,266
1994	63	14,105	10,826	861	722	26,514
1995	67	16,714	11,688	1,205	768	30,375
1996	62	16,800	11,766	1,210	623	30,399
1997	73	24,834	12,386	1,425	558	39,203
1998	72	25,676	12,124	1,068	465	39,333
1999	65	25,726	12,851	983	<sup>2</sup>	39,560
2000	62	32,968	8,352	963	<sup>2</sup>	42,283
2001	62	26,822	8,922	899	<sup>2</sup>	36,643

<sup>1</sup> Equivalent wholesale value of combined retail and wholesale sales for operations with sales of at least \$100,000. <sup>2</sup> Not published to avoid disclosure of individual operations.

**FLORICULTURE CROPS: PRODUCTION AND VALUE, TENNESSEE, 2000 - 2001 <sup>1</sup>**

Crop	Unit	Total Quantity Sold		Percent of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale <sup>2</sup>	
		2000	2001	2000	2001	2000	2001	2000	2001
		1,000 Units		Percent		Dollars Per Unit		1,000 Dollars	
<b>Annual Bedding/Garden</b>									
Begonias	Pots	86	161	95	82	1.17	1.30	101	209
Geraniums (Cuttings)	Pots	496	567	84	86	2.06	1.91	1,021	1,086
Geraniums (Seed)	Pots	202	111	92	79	1.40	1.33	283	148
New Guinea Impatiens	Pots	296 <sub>3</sub>	292	88 <sub>3</sub>	87	2.01 <sub>3</sub>	1.95	596 <sub>3</sub>	570
Impatiens, I.wallerana	Pots		100 <sub>3</sub>		85 <sub>3</sub>		1.15 <sub>3</sub>		115 <sub>3</sub>
Pansy/Viola	Pots	154		93		0.61		94	
Petunias	Pots	293	272	94	92	1.23	1.46	360	398
Other Flowering/Foliar	Pots	4,688	1,334	26	95	0.97	1.13	4,566	1,505
Vegetative Type	Pots	82	58	76	71	1.60	1.45	131	84
<b>Annual Bedding/Garden</b>									
Begonia	Baskets	31	63	92	88	5.16	5.05	160	318
Geranium (Cuttings)	Baskets	70	74	92	90	5.54	5.55	388	411
Geranium (Seed)	Baskets	44	31	99	98	4.70	3.91	207	121
Impatiens, I.wallerana	Baskets	97	123	95	96	4.39	4.42	426	544
New Guinea Impatiens	Baskets	101	71	85	79	5.79	5.97	585	424
Petunias	Baskets	115	161	86	89	4.53	4.74	521	763
Other Flowering	Baskets	394	294	80	85	4.88	4.86	1,923	1,429
Foliage	Baskets	163	127	83	74	5.36	5.57	874	707
<b>Annual Bedding/Garden</b>									
Begonia	Flats	87	121	91	82	8.66	7.63	753	923
Geraniums (seed)	Flats	3	4	3	94	3	9.28	3	37
Geraniums (Cuttings)	Flats	2 <sub>3</sub>	9	52 <sub>3</sub>	45	15.76 <sub>3</sub>	10.98	32 <sub>3</sub>	99
New Guinea Impatiens	Flats		9		74		15.90		143
Impatiens, I.wallerana	Flats	234	210	88	91	7.39	7.13	1,729	1,497
Marigolds	Flats	98	122	96	94	7.48	7.09	733	865
Pansy/Viola	Flats	273	305	96	92	8.05	7.85	2,198	2,394
Petunias	Flats	150	157	87	90	7.30	7.01	1,095	1,101
All Oth Flw/Foliar Type	Flats	739	683	84	88	7.85	7.30	5,801	4,986
Vegetable Type	Flats	242	130	89	81	10.43	9.07	2,524	1,179
<b>Herbaceous Perennials</b>									
Hardy/Garden Mums	Pots	2,912	2,124	98	96	1.37	1.53	4,057	3,248
Hosta	Pots	65	97	62	88	2.54	2.37	165	230
Other	Pots	1,237	1,154	84	82	1.71	1.60	2,115	1,852
<b>Potted Flowering Plants for Indoor or Patio Use</b>									
Florist Chrysanthemums	Pots	53 <sub>3</sub>	3	91 <sub>3</sub>	3	3.28 <sub>3</sub>	3	174 <sub>3</sub>	3
Spring Flowering Bulbs	Pots		24		86		5.17		124
Lilies, Easter	Pots	35	34	81	62	4.66	4.76	163	162
Poinsettias	Pots	976	954	90	88	3.71	3.69	3,624	3,519
Other Flowering	Pots	64	46	80	59	3.39	3.70	217	170
Foliage	Pots	---	---	---	82	---	---	89	192
<b>Total</b>								<b>42,283</b>	<b>36,643</b>

<sup>1</sup> Includes data from producers with gross sales of at least \$100,000. <sup>2</sup> Equivalent wholesale value of all sales. <sup>3</sup> Not published to avoid disclosure of individual operations.

# NURSERY PRODUCTION

## Tennessee 2000 Nursery Production Measured at \$124 Million

By Todd Hayes

Tennessee's first Nursery Production Survey revealed that for nursery operations with sales of \$100,000 or more during 2000, the gross value of sales for nine surveyed categories totaled \$124 million. Tennessee ranked sixth in total gross sales of the country's top 17 nursery producing states selected for this first multi-state survey. Deciduous shade trees accounted for 27 percent of the total, followed by deciduous flowering trees at 22 percent, and propagation material at 14 percent.

All nursery operations with sales over \$10,000 totaled 352. Those firms with sales of \$100,000 or greater numbered 170, while those with gross sales over \$1 million totaled 36. The 352 nurseries reported production area of 1.32 billion square feet, or just over 30 thousand acres.

The nine nursery categories surveyed were: broadleaf evergreens, coniferous evergreens, deciduous shade trees, deciduous flowering trees, deciduous shrubs and other ornamentals, fruit and nut plants, Christmas trees (cut and to be cut), transplants for commercial truck crop production, and propagation material.

### NURSERY OPERATIONS, AREA: ALL OPERATIONS WITH \$10,000+ SALES, TENNESSEE, 2000

Gross Value of Sales	Operations
\$10,000 to \$99,999	182
\$100,000 to \$249,999	63
\$250,000 to \$499,999	41
\$500,000 to \$999,999	30
\$1,000,000 to \$1,999,999	27
\$2,000,000 to \$4,999,999	5
\$5,000,000 to \$9,999,999	4
<b>Total</b>	<b>352</b>
Production Area (1,000 Square Feet)	1,317,711

### NURSERY PRODUCTION: ALL OPERATIONS WITH \$100,000 + SALES, TENNESSEE, 2000

Category	Number of Producers	Number Sold	Gross Sales	U.S. Rank	Percent of Sales Wholesale
	Number	1,000	1,000 Dollars		Percent
Broadleaf Evergreens	98	1,780	14,299	12	98
Coniferous Evergreens	95	756	10,264	11	98
Deciduous Shade Trees	126	2,622	33,917	4	99
Deciduous Flowering Trees	128	2,923	27,032	3	98
Deciduous Shrubs and Other Ornamentals	103	2,976	14,338	11	99
Fruit and Nut Plants	31	1,430	6,773	6	98
Christmas Trees	9	28	383	13	96
Propagation Material	75	<sup>1</sup>	17,059	7	92
<b>Total</b>			<b>124,065</b>	<b>6</b>	

<sup>1</sup> This item was not asked.

### NURSERY INVENTORY: ALL OPERATIONS WITH \$100,000 + SALES, TENNESSEE, 2000

Category	Number on Hand January 1, 2001	Value of Inventory January 1, 2001	U.S. Rank	Percentage of Inventory Expected To Sell In:			
				1 YR	2 YR	3 YR	4+ YR
	1,000	1,000 Dollars		Percent			
Broadleaf Evergreens	3,773	27,473	11	42	26	16	16
Coniferous Evergreens	2,896	25,288	11	33	23	19	25
Deciduous Shade Trees	4,610	52,389	4	37	35	18	10
Deciduous Flowering Trees	3,433	30,450	5	41	36	15	8
Deciduous Shrubs and Other Ornamentals	3,673	20,406	9	57	23	15	5
Fruit and Nut Plants	1,110	4,889	7	50	46	2	2
Christmas Trees	78	663	13	32	23	20	25