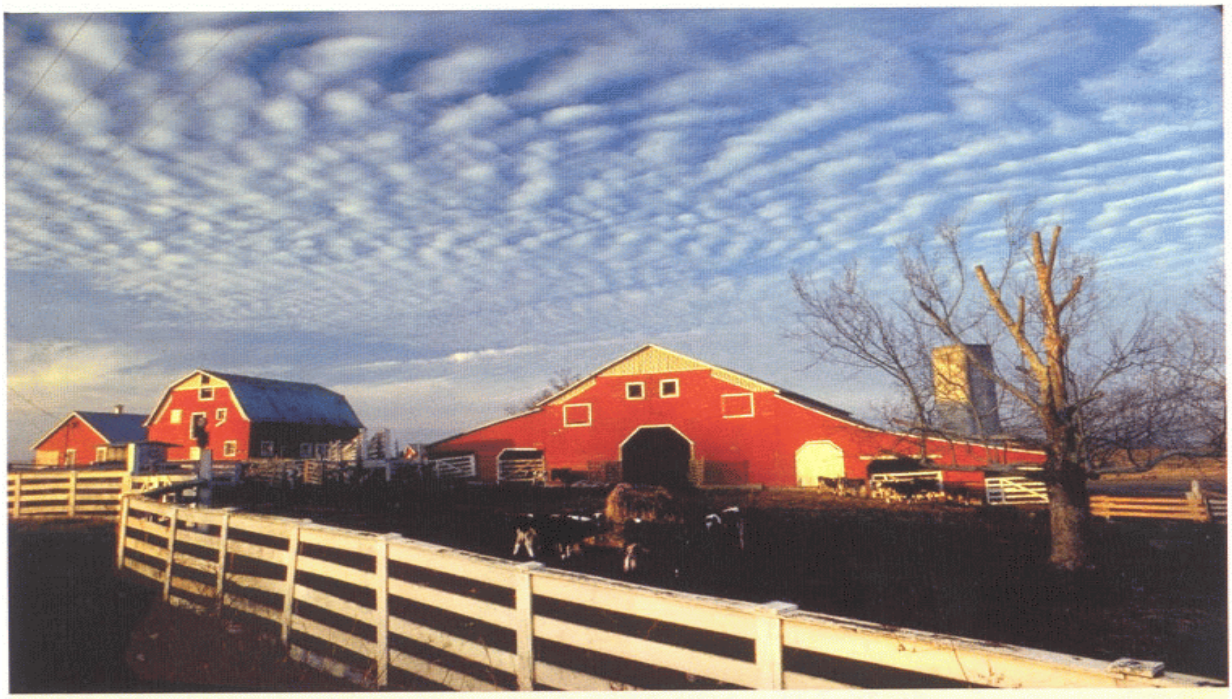
Tennessee Agricultural Statistics Service

NASS

The department maintains a cooperative relationship with this USDA agency to provide timely, unbiased statistics including Tennessee crop acreages, yield, and production; crop progress and condition; livestock inventories; and economic information. The Tennessee Agricultural Statistics Service (TASS) also has responsibility for the five-year Census of Agriculture, which provides the most comprehensive agricultural information available. 2002 census results are scheduled for release in February 2004.

Information from this agency allows informed decisions to be made in both the public and private sectors and guarantees a "level playing field." All TASS data products are made possible through the willingness of Tennessee agricultural producers to take part in agricultural surveys about their operations. Individual information provided to TASS is protected from disclosure, kept in the strictest confidence, and protected by law.

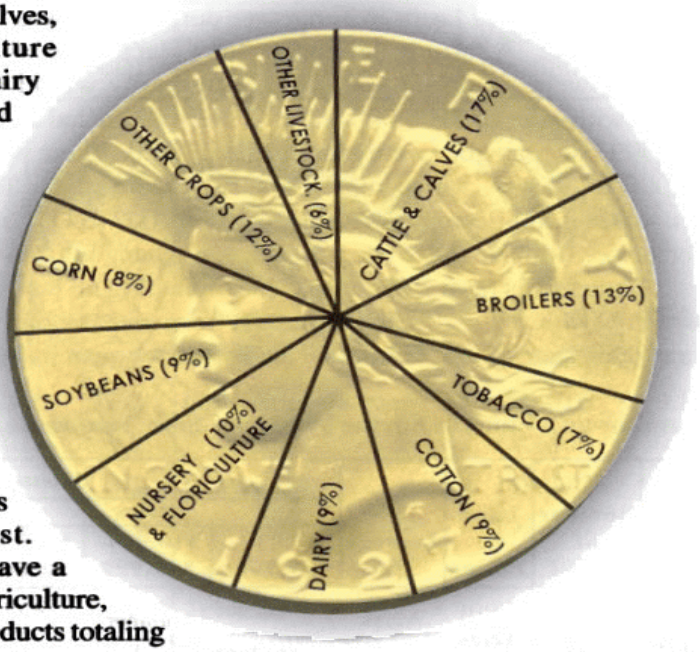


The number of farms in Tennessee during 2002 decreased by 1,000 to an estimated 90,000. Farmland decreased by 100,000 acres to 11.7 million, while the average farm size remained 130 acres. Tennessee ranks 4th in the U.S. in number of farms behind Texas, Missouri and Iowa.

Tennessee Agriculture & Forestry

Tennessee's top agricultural commodities include cattle and calves, broilers, nursery and floriculture products, soybeans, cotton, dairy products, corn, tobacco, fruits and vegetables, wheat, hay, and hogs. Agricultural production alone, excluding forest products, normally generates around $2 billion annually in farm cash receipts. Forestry related industries, value-added manufacturing, marketing and distribution, equine, and other agricultual related products also add to the state's economy.

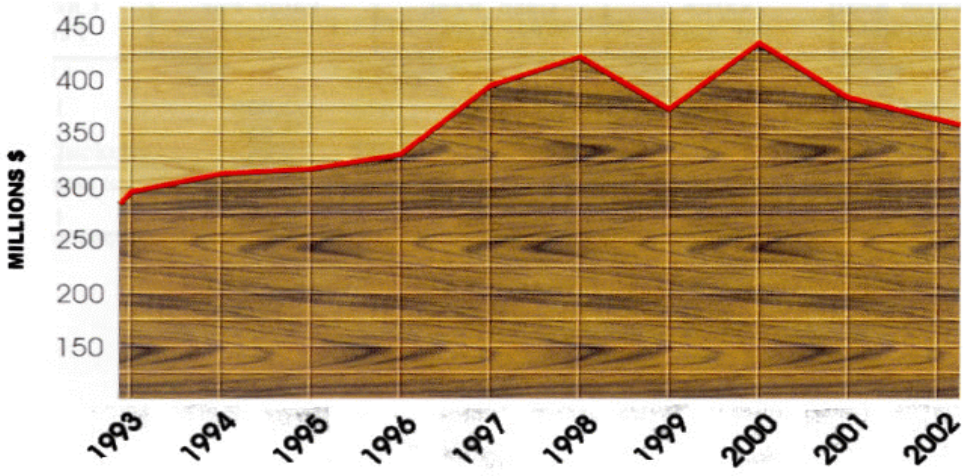
Tennessee Cash Receipts, 2002



The Tennessee marketplace is global in respect to the past. International trade continues to have a significant impact on Tennessee agriculture, with exports of raw agricultural products totaling more than $610 million in 2002.

Farming continues to dominate Tennessee's landscape with 90,000 farms producing and selling crops, livestock, and forest products. Forty-four percent of the state's land area is farmland. More than 14 million acres of farm and non-farm forest lands produce nearly 912 million board feet of hardwood and approximately 109 million board feet of softwood lumber. This level of production places Tennessee second among hardwood lumber producing states. Statewide income from the sale of timber was $358 million in 2002.

Tennessee: Income from Timber Sales 1993 - 2002



Source: TDA Division of Forestry

State Summary

Farms, Land in Farms & Value

The number of farms in Tennessee for 2002 was 90,000, down 1,000 farms from the previous year. A farm is defined as "any place from which $1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the year". Farms with sales of $100,000 and over were estimated at 4,000, while farms in the $10,000 to $99,999 sales category were estimated at 17,000. There were 69,000 farms in the sales class of $1,000 to $9,999, which represents 77 percent of the farms in Tennessee. Total land in Tennessee farms decreased 100,000 acres in 2002 to 11.7 million acres. The average size of all Tennessee farms in 2002 was 130 acres, unchanged from the year earlier.

Tennessee's farm real estate value, including all land and buildings, averaged $2,500 per acre as of January 1, 2003, up 6 percent from the previous year. The $150 per acre increase in farm real estate values continued a climb that began in 1986.

Number and Land in Farms by Sales Class: Tennessee, 1998-2002

Year	Number of Farms	Land in Farms	Average Size	Economic Sales Class					
				Farms			Land In Farms		
				$1,000-$9,999	$10,000-$99,999	$100,000 & Over	$1,000-$9,999	$10,000-$99,999	$100,000 & Over
	(000)	(000) Acres	Acres	Number			(000) Acres		
1998	91	11,900	131	69,000	18,000	4,000	4,800	4,000	3,100
1999	91	11,900	131	69,000	18,000	4,000	4,800	4,000	3,100
2000	90	11,700	130	68,000	18,000	4,000	4,400	4,000	3,300
2001	91	11,800	130	69,000	18,000	4,000	4,500	4,000	3,300
2002	90	11,700	130	69,000	17,000	4,000	4,500	3,900	3,300

Agricultural Land Values and Cash Rents: Tennessee, January 1, 1999-2003

Year	Farm Real Estate[1]	Cropland		Pasture	
		Value Per Acre	Cash Rent Per Acre	Value Per Acre	Cash Rent Per Acre
		Dollars			
1999	1,950	2,100	62.00	2,000	16.40
2000	2,150	2,240	60.00	2,240	18.00
2001	2,240	2,320	59.50	2,320	18.00
2002	2,350	2,390	60.50	2,400	17.00
2003	2,500	2,450	62.00	2,550	17.50

[1] Includes land and buildings.

Farm Cash Receipts

Leading Commodities for Cash Receipts, Tennessee, 2001-2002[1]

RANK	2001			2002		
	Item	Value of Receipts	% of Total	Item	Value of Receipts	% of Total
		$1,000			$1,000	
	All Commodities	2,118,116	100.0	All Commodities	1,999,856	100.0
	Livestock & Products	1,129,688	53.3	Livestock & Products	913,071	45.7
	Crops	988,430	46.7	Crops	1,086,785	54.3
1	Cattle & calves	409,572	19.3	Cattle & calves	343,565	17.2
2	Broilers	363,480	17.2	Broilers	268,410	13.4
3	Dairy products	215,460	10.2	Greenhouse/nursery[2]	196,016	9.8
4	Greenhouse/nursery[2]	196,018	9.3	Soybeans	182,669	9.1
5	Tobacco	172,350	8.1	Cotton	179,327	9.0
6	Soybeans	151,290	7.1	Dairy products	172,920	8.6
7	Corn	141,129	6.7	Corn	162,579	8.1
8	Cotton	134,895	6.4	Tobacco	134,441	6.7
9	Wheat	49,543	2.3	Tomatoes	43,758	2.2
10	Hogs	45,929	2.2	Wheat	43,203	2.2
11	Hay	41,084	1.9	Hay	42,299	2.1
12	Eggs	31,850	1.5	Hogs	32,516	1.6
13	Tomatoes	9,900	0.5	Eggs	31,000	1.6
14	Snap Beans	8,850	0.4	Snap Beans	8,260	0.4
15	Grain Sorghum	3,731	0.2	Grain Sorghum	5,415	0.3
16	Peaches	1,694	0.1	Squash	2,136	0.1
17	Apples	1,510	0.1	Peaches	1,739	0.1
18	Squash	1,058	0.0	Apples	1,403	0.1
19	Honey	656	0.0	Farm Chickens	722	0.0
20	Farm Chickens	520	0.0	Honey	669	0.0

[1] All data subject to revision the following year. [2] Includes commercial floriculture.

Source: Economic Research Service, U.S. Department of Agriculture, July 2003.

Farm Financial Indicators

Farm Income and Value Added Data: Tennessee, 2000-2002

Item [1]	2000	2001	2002
	Thousand Dollars		
Final crop output	1,092,553	1,059,797	1,060,340
+ Final animal output	1,007,704	1,153,848	959,768
+ Services and forestry	566,237	569,967	656,312
= Final agricultural sector output	2,666,494	2,783,612	2,676,419
- Intermediate consumption outlays	1,359,447	1,358,707	1,366,134
+ Net government transactions	198,822	146,917	2,591
= Gross value added	1,505,869	1,571,822	1,312,877
- Capital consumption	551,331	572,501	587,169
= Net value added	954,538	999,321	725,708
- Factor payments	380,563	396,154	386,675
Employee compensation (hired labor)	135,865	165,175	163,903
Net rent rec'd by nonoperator landlords	28,719	33,652	23,522
Real estate and nonreal estate interest	215,979	197,327	199,250
= Net Farm Income	573,975	603,167	339,033

[1] Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

Source: Economic Research Service, U.S. Department of Agriculture, July 2003.

Tennessee Rank in U.S. Agriculture, 2002

Item	Unit	Tennessee		Leading State		United States
		Rank	Production	State	Production	
			1,000		1,000	1,000
General						
Farm Numbers	no.	4	91	Texas	230	2,158
Land in Farms	acres	25	11,700	Texas	131,000	941,480
Average Size of Farm	acres	46	130	Wyoming	3,761	436
Crops						
Tobacco, E. Dark-Fired	lbs.	1	15,550	Tennessee	15,550	23,292
Tobacco, Burley	lbs.	2	57,000	Kentucky	197,245	300,051
Tobacco, One Sucker	lbs.	2	1,326	Kentucky	6,300	7,626
Tobacco, W. Dark-Fired	lbs.	2	1,385	Kentucky	8,760	10,145
Tobacco, All	lbs.	3	75,261	N. Carolina	347,920	880,734
Hay, Other	tons	4	4,400	Texas	13,200	77,138
Tomatoes, Fresh	cwt.	4	1,326	Florida	14,400	37,302
Snap Beans, Fresh	cwt.	6	236	Florida	2,940	5,958
All Cotton	bales	6	818	Texas	5,082	17,209
Cottonseed	tons	6	291	Texas	1,855	6,184
Sorghum, Grain	bu.	12	2,480	Kansas	135,000	369,758
Soybeans	bu.	16	34,720	Iowa	494,880	2,729,709
Corn, Grain	bu.	17	66,340	Iowa	1,963,500	9,007,659
Winter Wheat	bu.	20	13,800	Kansas	267,300	1,142,802
Peaches	lbs.	24	4,000	California	1,920,000	2,575,400
Corn, Silage	tons	27	825	Wisconsin	11,680	104,979
Floriculture, Wholesale	$	27	41,257	California	916,859	4,878,967
Apples	lbs.	30	6,500	Washington	5,150,000	8,555,600
Hay, Alfalfa	tons	31	114	California	8,094	73,824
Livestock						
Beef Cows [1]	head	9	1,160	Texas	5,489	32,947
Broilers	no.	13	186,400	Georgia	1,290,500	8,590,180
All Cattle & Calves [1]	head	14	2,270	Texas	14,000	96,106
Trout Sold	$	16	400	Idaho	30,456	65,151
All Hogs [2]	head	24	220	Iowa	15,600	59,513
Milk Cows [1]	head	28	84	California	1,680	9,152
Milk	lbs.	28	1,315,000	California	34,884,000	169,758,000
All Chickens [2]	no.	33	2,200	Iowa	46,240	438,948
Honey	lbs.	35	488	North Dakota	24,000	171,140
Eggs	no.	35	300,000	Iowa	9,910,000	86,698,000

[1] January 1, 2003 Inventory. [2] December 1, 2002 Inventory.

Top Ranking Livestock and Crop Counties, Tennessee, 2002

Rank	All Cattle	Beef Cows	Milk Cows	All Hogs	Alfalfa Hay	All Other Hay
1	Lincoln	Lincoln	Greene	Weakley	Robertson	Greene
2	Greene	Maury	McMinn	Henry	Greene	Lincoln
3	Giles	Greene	Monroe	Gibson	Marshall	Washington
4	Maury	Giles	Washington	Franklin	Washington	Bedford
5	Bedford	Bedford	Marshall	Fayette	Rutherford	Maury
6	Washington	Wilson	Loudon	Lawrence	Sullivan	Robertson
7	Lawrence	Lawrence	Robertson	Madison	Maury	Giles
8	Wilson	White	Bradley	Coffee	Johnson	Warren
9	Robertson	Sumner	Lawrence	Marshall	Sumner	Wilson
10	Rutherford	Robertson	Lincoln	Henderson	Hawkins	Williamson

Rank	Corn	Cotton	Wheat	Soybeans	All Tobacco
1	Obion	Haywood	Gibson	Dyer	Robertson
2	Weakley	Crockett	Obion	Obion	Macon
3	Gibson	Tipton	Weakley	Gibson	Montgomery
4	Henry	Fayette	Robertson	Launderdale	Greene
5	Dyer	Madison	Dyer	Weakley	Sumner
6	Robertson	Lauderdale	Tipton	Lake	Hawkins
7	Carroll	Gibson	Franklin	Tipton	Claiborne
8	Franklin	Dyer	Henry	Henry	Washington
9	Lauderdale	Carroll	Lake	Shelby	Henry
10	Montgomery	Shelby	Montgomery	Robertson	Smith

Crops

Tennessee Summary, 2001-2002

2001 Crop	Unit	Acreage Harvested	Yield Per Acre	Production	
				Total	Value
		1,000		1,000	$1,000
Corn for Grain	bu.	620	132	81,840	168,590
Corn for Silage	tons	55	19.0	1,045	---
Cotton, Lint	lbs.[1]	615	763	978	143,179
Cottonseed	tons	---	---	351	29,835
Hay, All	tons	2,135	2.23	4,757	257,091
Alfalfa	tons	35	3.90	137	16,851
All Other	tons	2,100	2.20	4,620	240,240
Grain Sorghum	bu.	27	80.0	2,160	4,693
Sorghum Silage	tons	2	15.0	30	---
Soybeans	bu.	1,040	34.0	35,360	157,706
Tobacco, All	lbs.	39.69	2,189	86,893	175,163
E. Dark-Fired (22)	lbs.	6.50	3,000	19,500	42,003
W. Dark-Fired (23)	lbs.	.52	3,175	1,651	3,470
Burley (31)	lbs.	32.00	2,000	64,000	126,528
One-Sucker (35)	lbs.	.67	2,600	1,742	3,162
Winter Wheat	bu.	340	54.0	18,360	45,900
Apples [2]	lbs.	---	---	6,500	1,527
Peaches [2]	lbs.	---	---	3,500	1,694
Floriculture	---	---	---	---	42,649
Squash, Total	cwt.	.9	57.0	51	1,058
Snap Beans, Fresh	cwt.	7.2	41.0	295	8,850
Tomatoes, Fresh	cwt.	3.0	165	495	9,900

2002 Crop	Unit	Acreage Harvested	Yield Per Acre	Production	
				Total	Value
		1,000		1,000	$1,000
Corn for Grain	bu.	620	107	66,340	169,167
Corn for Silage	tons	55	15.0	825	---
Cotton, Lint	lbs.[1]	530	741	818	160,982
Cottonseed	tons	---	---	291	27,791
Hay, All	tons	2,030	2.22	4,514	263,796
Alfalfa	tons	30	3.80	114	12,996
All Other	tons	2,000	2.20	4,400	250,800
Grain Sorghum	bu.	31	80.0	2,480	6,666
Sorghum Silage	tons	2	14.0	28	---
Soybeans	bu.	1,120	31.0	34,720	197,904
Tobacco, All	lbs.	35.90	2,096	75,261	155,117
E. Dark-Fired (22)	lbs.	5.00	3,110	15,550	36,916
W. Dark-Fired (23)	lbs.	.39	3,550	1,385	3,335
Burley (31)	lbs.	30.00	1,900	57,000	112,176
One-Sucker (35)	lbs.	.51	2,600	1,326	2,690
Winter Wheat	bu.	300	46.0	13,800	40,020
Apples [2]	lbs.	---	---	5,400	1,402
Peaches [2]	lbs.	---	---	3,700	1,739
Floriculture	---	---	---	---	41,257
Squash, Total	cwt.	.9	94.0	85	2,136
Snap Beans, Fresh	cwt.	7.6	31.0	236	8,260
Tomatoes, Fresh	cwt.	3.9	340	1,326	43,758

[1] Cotton production is in 480 pound net weight bales. [2] Utilized production.

Tennessee Crops: Record Highs and Lows

Item	Estimates Began	Unit	Record High		Record Low	
			Quantity	Year	Quantity	Year
			1,000		1,000	
Corn for grain	1866					
Harvested		Acres	3,875	1917	480	1983
Yield		Bushels	132	2001	14	1930
Production		Bushels	106,562	1917	23,040	1983
Corn silage	1919					
Harvested		Acres	170	1973	12	1934
Yield		Tons	19	2001	3.5	1930
Production		Tons	2,560	1976	72	1932
Cotton	1866					
Harvested		Acres	1,146	1925	215	1983
Yield		Pounds	763	2001	103	1923
Production[1]		Bales	978	2001	145	1967
All Hay	1909					
Harvested		Acres	2,135	2001	893	1914
Yield		Tons	2.32	2000	.63	1930
Production		Tons	4,757	2001	699	1911
Alfalfa Hay	1919					
Harvested		Acres	188	1958	15	1924
Yield		Tons	3.90	2001	1.15	1930
Production		Tons	408	1963	19	1925
Grain Sorghum	1949					
Harvested		Acres	465	1985	5	1949
Yield		Bushels	90	1996	17	1954
Production		Bushels	37,200	1985	115	1949
Sorghum Silage	1929					
Harvested		Acres	35	1955	1	1999
Yield		Tons	19	1994	4.5	1930
Production		Tons	315	1955	10	1999
Soybeans	1924					
Harvested		Acres	2,620	1979	8	1925
Yield		Bushels	36.5	1994	6.5	1935
Production		Bushels	70,740	1979	60	1925
Winter Wheat	1866					
Harvested		Acres	1,620	1900	107	1962
Yield		Bushels	56	1999	3	1885
Production		Bushels	37,400	1981	2,008	1866
All Tobacco	1866					
Harvested		Acres	162	1930	21	1874
Yield		Pounds	2,192	1994	300	1874
Production		Pounds	178,117	1982	6,300	1874
E. Dark-Fired (22)	1919					
Harvested		Acres	76	1923	5.5	1987
Yield		Pounds	**3,110**	**2002**	740	1925
Production		Pounds	61,500	1931	11,935	1987
W. Dark-Fired (23)	1919					
Harvested		Acres	30	1919	.42	1973
Yield		Pounds	**3,550**	**2002**	700	1930
Production		Pounds	24,450	1919	607	1974
Burley (31)	1919					
Harvested		Acres	89	1952	9.3	1921
Yield		Pounds	2,245	1972	700	1925
Production		Pounds	148,580	1982	7,347	1921
One Sucker (35)	1919					
Harvested		Acres	22	1919	.48	1997
Yield		Pounds	**2,600**	**2002**	670	1925
Production		Pounds	18,150	1919	870	1989

[1] Cotton production shown in 480 lb. net weight bales.

Nursery and Floriculture

Tennessee's first Nursery Production Survey showed 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.

Tennessee's 2002 wholesale value of floriculture crops was down 3 percent from the 2001 value. The total crop value at wholesale for 189 growers with $10,000 or more in sales was estimated at $41.3 million, compared with $42.6 million a year earlier.

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		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	[1]	17,059	7	92
Total			124,065	6	

[1] This item was not asked.

Floriculture: Growers, Wholesale Value, and Growing Area, Tennessee, 1998-2002

Crop Year	Total Growers	Wholesale Value of Production [1]	Total Greenhouse Cover	Shade and Temporary Cover	Total Covered Area	Open Ground
	Number	1,000 Dollars	1,000 Square Feet	1,000 Square Feet	1,000 Square Feet	1,000 Square Feet
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	203	42,649	6,396	89	6,485	189
2002	189	41,257	5,957	119	6,076	228

[1] 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.

Tillage Systems

Farmers are the original environmentalists and conservationists. In order to maintain a paying farm, they have long recognized soil and water as the foundation of a successful crop. To address the problem of highly erodible soil, many farmers have adopted no-till and other conservation practices as part of their farming operation. No-Till is a procedure whereby a crop is planted directly into a seedbed not tilled since harvest of a previous crop, or the planting of a crop into sod, previous crop stubble, or a cover where only the intermediate seed zone is disturbed.

Tillage Practices Used: by Crop, Tennessee, 1999-2002

Crop	Year	Total Acres Planted	No-Till	Other Conservation Tillage [1]	Conventional Till [2]	Double-Cropped [3]
			% of Total[4]	% of Total[4]	% of Total[4]	% of Total
Soybeans	1999	1,250,000	50.4	22.4	27.2	29.6
	2000	1,180,000	65.3	15.3	19.5	28.0
	2001	1,070,000	72.0	16.8	11.2	28.0
	2002	1,160,000	68.1	18.1	13.8	25.9
Corn	1999	630,000	54.0	28.6	17.5	5.6
	2000	650,000	58.5	21.5	20.0	6.2
	2001	680,000	60.3	20.6	19.1	5.1
	2002	690,000	68.1	18.0	13.9	5.1
Sorghum	1999	20,000	25.0	30.0	45.0	2.5
	2000	25,000	20.0	20.0	60.0	2.0
	2001	30,000	26.7	33.3	40.0	3.3
	2002	35,000	37.1	28.6	34.3	4.3
Cotton	1999	570,000	31.6	8.8	59.6	0.3
	2000	570,000	52.6	8.8	38.6	0.3
	2001	620,000	59.7	16.1	24.2	0.3
	2002	565,000	53.1	24.8	22.1	0.3
Wheat[5]	1999	500,000	32.0	38.0	30.0	----
	2000	550,000	36.4	32.7	30.9	----
	2001	500,000	36.0	38.0	26.0	----
	2002	470,000	36.2	40.4	23.4	----
Total	1999	2,970,000	44.3	23.8	32.0	13.7
	2000	2,975,000	55.6	18.7	25.7	12.5
	2001	2,900,000	59.9	21.4	18.7	11.7
	2002	2,920,000	59.7	23.1	17.2	11.6

[1] Other Conservation Tillage - Tillage practices prior to planting which result in a minimum of 30 percent ground cover or residue being retained on the surface following planting. Includes ridge till, strip till, and mulch till. [2] Conventional Till - Systems where 100 percent of the surface layer is mixed or inverted by plowing, power tilling, or multiple disking. [3] Double-Cropped - Two crops harvested from the same field during one year. [4] Sum of no-till, other conservation tillage and conventional till percents of total may not add to 100 percent due to rounding. [5] Wheat seeded the previous fall for all intended purposes including grain, cover, silage, hay, or any other utilization.

Livestock, Dairy, & Poultry

Summary

The total number of cattle and calves in the State on January 1, 2003, was 2.27 million, three percent above last year's total of 2.20 million. There were an average of 88,000 milk cows on Tennessee farms during 2002, producing 1,315 million pounds of milk. Tennessee's total hog and pig inventory declined for the eighth consecutive year to an historically low 220,000 head on December 1, 2002. There were 2.20 million chickens on Tennessee farms on December 1, 2002, down two percent from 2001. In addition, there were 186 million broilers produced during 2002, yielding 895 million pounds of meat valued at $268 million.

Livestock by Class, Tennessee, January 1, 2002-2003

Classes	2002	2003
	1,000 Head	
All Cows that have Calved	1,150	1,190
Beef Cows	1,060	1,106
Milk Cows	90	84
Heifers 500 Pounds and Over	290	315
For Beef Cow Replacement	175	200
For Milk Cow Replacement	40	40
Other Heifers	75	75
Steers 500 Pounds and Over	118	140
Bulls 500 Pounds and Over	72	75
Calves under 500 Pounds	570	550
All Cattle and Calves	2,200	2,270
All Hogs and Pigs [1]	225	220
Hens and Pullets of Laying Age [1]	1,365	1,256
Other Pullets [1]	699	770
Other Chickens [1 2]	186	174
All Chickens [1 2]	2,250	2,200

[1]December 1 previous year. [2] Does not include commercial broilers.

Livestock Operations, Tennessee, 1997-2002[1]

Year	Cattle	Beef Cows	Milk Cows	Hogs	Sheep[2]
		1,000 Operations			
1997	57	47	2.1	2.5	800
1998	55	47	2.0	2.2	800
1999	53	46	1.8	1.7	---
2000	52	45	1.6	1.5	---
2001	52	45	1.5	1.5	---
2002	51	44	1.4	1.3	---

[1] An operation is any place having one or more head on hand at any time during the year. [2] Operations in actual numbers. Estimates discontinued in 1999.

Livestock & Milk

Inventory, Production, Disposition and Income, Tennessee, 2001-2002

Classes	Unit	2001	2002
		1,000	
Cattle and Calves:			
Inventory Jan. 1	Head	2,170	2,200
Calf Crop	Head	1,050	1,060
Inshipments	Head	62	50
Marketings[1]	Head	969	932
Production[2]	Pounds	557,697	570,543
Marketings[3]	Pounds	559,825	526,670
Cash Receipts[4]	Dollars	409,572	343,565
Price per 100 lbs.			
Cattle	Dollars	65.00	58.30
Calves	Dollars	94.30	81.80
Hogs and Pigs:			
Inventory Dec. 1 (prev. yr.)	Head	230	225
Pig Crop	Head	443	441
Inshipments	Head	100	80
Marketings[1]	Head	511	490
Production[2]	Pounds	94,290	91,798
Marketings[3]	Pounds	102,065	96,710
Cash Receipts[4]	Dollars	45,929	32,516
Price per 100 lbs.			
All Hogs	Dollars	43.00	32.10
Milk Cows and Production of Milk:			
Milk Cows [5]	Head	92	88
Milk Per Cow	Pounds	14.5	14.9
Total Milk	Pounds	1,335,000	1,315,000
Cash Receipts [6]	Dollars	215,460	172,920
Average Return			
Per 100 Lbs. of Milk	Dollars	16.20	13.20

[1] Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state. [2] Adjustments made for changes in inventory and for inshipments. [3] Excludes interfarm sales within the state and custom slaughter on farms where produced. [4] Receipts from marketings and sale of farm slaughter. [5] Average number on farms during year, excluding heifers not yet fresh. [6] Cash receipts from marketings of milk and cream, plus value of milk used for home consumption and farm churned butter.

Poultry

The total value of all chickens on Tennessee farms during 2002, excluding commercial broilers, was $13.4 million, down 1 percent from 2001. The value of eggs produced during 2002, at $31.0 million, was down 3 percent. Tennessee's value of broilers produced during 2002 was $268 million, down 26 percent from the record high 2001 value. Total number of broilers produced in 2002 was 186 million, 6 percent below 2001. The 2002 average price per pound on a liveweight equivalent basis dropped 9 cents to 30.0 cents per pound.

Chickens: Number on Farms and Value, Tennessee, 1998-2002

Year	Total Inventory [1]	Value per Bird	Total Value
	1,000 Birds	Dollars	1,000 Dollars
1998	2,255	4.90	11,050
1999	2,155	5.80	12,499
2000	2,210	6.00	13,260
2001	2,250	6.00	13,500
2002	2,200	6.10	13,420

[1] Excludes commercial broilers, but includes hen and pullets, pullets under 3 month, and pullets over 3 months.

Eggs: Production, Price, and Value, Tennessee, 1998-2002

Year	Eggs Produced	Price per Dozen [1]	Value of Production
	Million Eggs	Dollars	1,000 Dollars
1998	299	.926	23,073
1999	274	1.170	26,715
2000	278	1.240	28,727
2001	294	1.300	31,850
2002	300	1.240	31,000

[1]Averge of all eggs sold by producers, including hatching eggs.

Broilers: Production, Price, and Value, Tennessee, 1998-2002

Year	Birds Produced	Pounds Produced	Price Per Pound [1]	Value of Production
	1,000		Cents	1,000 Dollars
1998	159,200	716,400	39.5	282,978
1999	150,800	723,800	37.0	267,806
2000	151,300	696,000	33.0	229,680
2001	198,300	932,000	39.0	363,480
2002	186,400	894,700	30.0	268,410

[1] Liveweight equivalent price.

Equine

The 1999 Tennessee Equine Survey accounted for 190,000 head of equine (horses, donkeys, and mules) located in the State on January 1, 1999, following only Texas and California in equine inventory in the United States. Tennessee Walkers lead the way in Tennessee's inventory, followed closely by Quarter Horses, with the two combining for more than half (53 percent) of the State's total equine. Equine were found on 41,000 operations, with the vast majority (70 percent) of operations having less than five equine. Collectively, these operations were caretakers for 3.3 million acres in Tennessee.

The value of Tennessee's equine on January 1, 1999 was estimated at $515 million. The average value per animal was $2,711, with Middle Tennessee (Districts 30, 40, 50) equine leading the State with an average value of $2,813. Thoroughbreds were valued highest per animal, followed by American Saddlebred, and Tennessee Walkers.

Equine income from sales and related agricultural activities during 1998 was $189.3 million with equine assets totaling nearly $4.9 billion on January 1, 1999. In addition to equine inventory, these operations had $528.6 million of equipment and supplies associated with their equine on January 1, 1999. Their land, fencing, facilities, and buildings were valued at $3.8 billion.

Equine related expenditures during 1998 totaled $406.1 million. Equipment, feed and bedding, equine purchases, capital improvements, and veterinarian and health expenditures accounted for the largest share (60 percent). Each operation averaged $9,905 of expenditures or $2,137 per animal. Equine sales during 1998 were valued at $48.6 million with 18,000 equine sold.

Equine Inventory, Sales and Value, by District, Tennessee

District	January 1, 1999 Inventory			1998 Sales		
	Head	Total Value	Average Value Per Head	Head Sold	Total Value	Average Value Per Head
		Mil. Dol.	Dollars		Mil. Dol.	Dollars
10	15,000	35.9	2,393	700	2.7	3,857
20	21,000	37.2	1,771	1,500	1.5	1,000
30	23,000	43.2	1,878	2,000	2.4	1,200
40	58,000	194.8	3,359	7,400	22.2	3,000
50	18,000	40.5	2,250	1,800	3.7	2,056
60	55,000	163.4	2,971	4,600	16.1	3,500
State	190,000	515.0	2,711	18,000	48.6	2,700

Agricultural Exports

USDA's Economic Research Service (ERS) publishes estimates of U.S. agricultural export contributions by states on a fiscal year basis (October-September). These estimates are prepared by major commodity groups and usually are based on the assumption that, for each commodity, a state contributes the same export share as its share of production. However, where obvious distortions exist, this procedure is amended. To keep data manageable, ERS limits exports only to states that collectively account for 90 percent of a given commodity's output. They also assume that a state would export only if it had an apparent surplus. They further assume that, although this method could eliminate some exporting states, it is more likely that large exporters would be sufficiently credited. Thus, for Tennessee, ERS no longer publishes estimates for nuts, rice, peanuts, or sunflowers, and no allowance is made for them in the "other" category.

Agricultural Exports: Tennessee and United States, 2001-2002

	Tennessee		United States	
Commodity	2001	2002	2001	2002
	Million Dollars			
Soybeans & Products	71.0	89.6	6,809.9	7,325.7
Tobacco, Unmanufactured	99.5	82.2	1,181.3	1,147.4
Cotton & Linters	81.2	96.3	2,092.5	2,052.1
Cottonseed & Products	3.9	4.6	86.9	97.6
Wheat & Products	71.5	81.7	4,508.8	4,787.1
Feed Grains & Products	39.9	54.0	6,533.7	6,779.2
Live Animals & Meat, Excluding Poultry	27.6	27.0	6,293.5	6,097.4
Fats, Oils, & Greases	0.6	0.6	320.0	454.4
Poultry & Products	31.5	37.6	2,518.6	2,279.3
Hides & Skins	1.2	0.6	1,932.9	1,776.0
Vegetables & Preparations	6.7	4.1	4,511.2	4,551.0
Dairy Products	10.2	10.2	1,120.9	1,030.7
Fruits & Preparations [1]	1.4	2.1	3,501.7	3,433.5
Feeds & Fodders	27.6	29.3	2,143.7	1,951.2
Seeds	3.6	3.9	727.1	839.2
Other[2]	84.7	86.3	8,415.8	8,691.8
All Commodities[3]	562.1	610.0	52,698.5	53,293.6

[1] Apples & apple juice assumed to equal the previous year; current year production data has not yet been released. [2] Includes minor oilseeds, sugar, confectionery, and tropical products, nursery and greenhouse, essential oils, beverages, excluding juice, and other miscellaneous vegetable products. [3] Totals may not add due to rounding.

Source: *Foreign Agricultural Trade of the U.S.*, ERS, USDA, July 2003.

Weather

First and Last Freeze Dates, Tennessee

District/Station	First Freeze[1] Dates	Last Freeze[1] Dates
	50%	50%
West Tennessee		
Bolivar	10/24	4/06
Brownsville	10/29	4/01
Covington	10/30	3/31
Dyersburg	11/04	3/26
Jackson Exp Station	10/28	4/06
Jackson Airport	10/29	4/03
Martin	10/25	4/07
Memphis Airport	11/07	3/23
Milan	10/23	4/05
Newbern	10/24	4/01
Paris	10/22	4/11
Samburg Wld Refuge	10/25	4/04
Union City	10/20	4/06
Middle Tennessee		
Clarksville	10/22	4/12
Columbia	10/20	4/08
Dickson	10/22	4/09
Dover	10/14	4/22
Franklin	10/21	4/14
Lewisburg	10/20	4/15
Murfreesboro	10/22	4/10
Nashville	10/29	4/05
Savannah	10/25	4/09
Shelbyville	10/21	4/15
Springfield	10/19	4/10
Waynesboro	10/11	4/27
Cumberland Plateau		
Allardt	10/16	4/22
Celina	10/20	4/20
Crossville	10/15	4/26
McMinnville	10/23	4/11
Monteagle	10/29	4/11
Tullahoma	10/21	4/09
East Tennessee		
Bristol	10/24	4/17
Chattanooga	11/01	4/05
Copperhill	10/18	4/21
Gatlinburg	10/15	5/01
Greeneville	10/20	4/23
Kingsport	10/20	4/16
Knoxville UT	10/25	4/16
Lenoir City	10/27	4/13
Newport	10/21	4/17
Oak Ridge	10/27	4/11
Rogersville	10/17	4/22

[1] Probability of 50%, that the “first frost” will occur before the fall date listed or the “last frost” will occur after the spring date listed.

Source: National Weather Service, Cooperative Observers, and the University of Tennessee Experiment Stations.

Usual Planting and Harvesting Dates, Tennessee

Crop	Usual Planting Dates	Usual Harvesting Dates	Principal Producing Agricultural Statistics Districts[1]
Corn:			
Grain	Apr. 5 - June 1	Sep. 20 - Oct. 15	Statewide
Silage	Apr. 15 - June 10	Aug. 25 - Sep. 20	Statewide
Cotton	Apr. 25 - June 5	Oct. 5 - Nov. 1	10, 20
Sorghum:			
Grain	Apr. 15 - June 25	Sep. 15 - Oct. 10	10,20,30,40
Silage	Apr. 25 - June 25	Sep. 1 - Sep. 30	10,20,30,40
Soybeans	May 10 - July 10	Oct. 20 - Nov. 15	10,20,30,40
Winter Wheat	Sep. 25 - Nov. 30	June 15 - June 30	Statewide
Tobacco:			
Eastern			
Dark-Fired (22)	May 5 - June 20	Aug. 25 - Sep. 15	30,40
Western			
Dark-Fired (23)	May 5 - June 20	Aug. 25 - Sep. 15	Henry, Weakley
Burley (31)	May 5 - June 20	Aug. 25 - Sep. 15	20,30,40,50,60
One Sucker (35)	May 5 - June 20	Aug. 25 - Sep. 15	20,30,40
Vegetable Crops:			
Fresh Market			
Tomatoes	Apr. 20 - May 25	July 1 - Aug. 31	10,50,60
Snap Beans	May 1 - July 31	July 1 - Sep. 30	Cumberland Plateau
Fruit:			
Apples			
East		Aug. 20 - Sep. 30	50,60
Middle, West		Aug. 1 - Sep. 15	10,20,30,40
Peaches		July 1 - Aug. 10	Statewide

[1] See State Map on Page 35 for District boundaries.