

Tennessee Agriculture 2008

A photograph of two men standing in a lush green cornfield under a blue sky with scattered clouds. The man in the foreground is wearing an orange t-shirt and a green and yellow baseball cap, smiling broadly with his arms crossed. The man in the background is wearing a white t-shirt and a grey baseball cap, standing with his hands on his hips.

Working Together...

**Weakley County's National
Winners: John Chester and
Keith Fowler**

Department Report & Statistical Summary

*Cover photo by
Andrew McMurtrie, Photographic Services
Design and layout by Art Colebank, Graphic Arts
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Tennessee Department of General Services*

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Governor Phil Bredesen



Agriculture is integral to who we are as Tennesseans not only in terms of our economy, but in terms of our heritage, our land and our quality of life. Caring for the *farmscape* that we know as Tennessee is important for many reasons, but it can only happen if farms are economically viable.

As I was looking at ways that state government could help build our rural economy, it was clear to me that if you're going to have a meaningful impact you have to start with agriculture.

Through fiscal year 2008, we have invested nearly \$37 million in Tennessee agriculture – from county agricultural pavilions to thousands of individual farm projects – all designed to help improve the quality of agricultural production and to increase farm income.

The Tennessee Agricultural Enhancement Program is making a real difference for entrepreneur farmers like John Chester and for rural communities all across the state. For every dollar of state investment, individuals are committing two to three dollars in private investment. Additionally, four to five dollars in economic activity is generated throughout the local community.

I want to thank the members of the Tennessee General Assembly for having supported this program and more importantly for investing in our state's farmers and rural communities. We know that the face of agriculture is changing, and we know how important it is for farmers to keep up with the times. With the Ag Enhancement program, we are making it possible for them to do so, and we're securing Tennessee's future as a progressive state that values its farms.

Sincerely,

A handwritten signature in red ink that reads "Phil Bredesen". The signature is written in a cursive style with a large, stylized "P" and "B".

Phil Bredesen

Commissioner Ken Givens

Few people realize the breadth and scope of services provided day in and day out by the dedicated employees of the Tennessee Department of Agriculture.

We're particularly proud of the Tennessee Agricultural Enhancement Program and other services aimed at building farm income and expanding our rural economy. These services are important and will remain the core of our development activities.

However, did you know that the department checks the accuracy of fuel pumps and fuel quality? Or, that we license and inspect more than 8,000 retail food stores and 1,200 food manufacturers? Manage more than 164,000 acres of state forests for timber, wildlife habitat and recreation? Distribute millions of pounds of USDA commodities to schools and charitable institutions?

Through these and many other services, we touch the lives of Tennesseans everyday, often in unseen ways. This year, we're proud to highlight just a few examples of how we're branching out in new areas while maintaining our ties to the land.

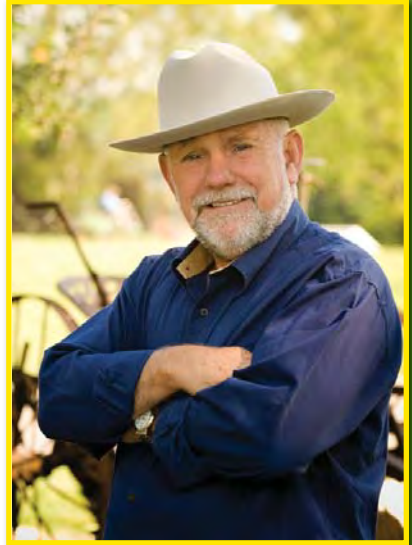
You'll read how we're helping disadvantaged landowners reclaim one of their most valuable resources – their forestland. You'll also learn how we're supporting an initiative to build new markets for farmers through ties with the biotech industry, and how we're helping producers revive the art and science of beekeeping.

We're proud to present this report and the latest farm production numbers made possible through our long-standing partnership with the Tennessee Field Office of the USDA National Agricultural Statistics Service.

Sincerely,



Ken Givens



Tennessee Department of Agriculture

Ellington Agricultural Center
P.O. Box 40627, Nashville, TN 37204
615-837-5103, Fax 615-837-5333
TN.gov/agriculture

burnsafetn.org
nass.usda.gov/tn
picktnproducts.org
tnagmuseum.org

Administration

Ken Givens, Commissioner	615-837-5100
Fax	615-837-5333
Terry J. Oliver, Deputy Commissioner	615-837-5103
Adam Hill, Asst. Comm. for Policy & Legislation	615-837-5172
Larry Maxwell, Asst. Comm. for Administration & Grants	615-837-5111
General Counsel	615-837-5280
Human Resources	615-837-5115
Fiscal Services	615-837-5300
Public Affairs	615-837-5118
Agricultural Crime Unit	615-837-5181
Boll Weevil Eradication	615-837-5136
Commodity Distribution	615-837-5162
Water Resources	615-837-5305

USDA, NASS, Tennessee Field Office

Debra Kenerson, State Director	615-781-5300
Fax	615-781-5303

Forestry

Steve Scott, State Forester and Director	615-837-5411
Fax	615-837-5003
Jere Jeter, Asst. State Forester for Operations	615-837-5435
David Arnold, Asst. State Forester for Grants, Programs & Support	615-837-5426
Environmental Affairs & Public Outreach	615-837-5431
Forest Data & Technology	615-837-5097
Forest Resource Protection	615-837-5425
Policy, Planning & Budget	615-837-5470
Reforestation	423-263-1626
Safety and Training	615-837-5537
State Forest Management	615-837-5539
Urban Forest Resource Management	615-837-5436

District Offices

District 1, Greeneville	423-636-8805
District 2, Knoxville	865-594-6432
District 3, Chattanooga	423-634-3091
District 4, Cookeville	931-526-9502
District 5, Burns	615-797-3117
District 6, Lexington	731-968-6676

Market Development

Joe Gaines, Asst. Commissioner	615-837-5163
Fax	615-837-5194
Dan Strasser, Director of Marketing & Viticulture	615-837-5298
Agribusiness Development	615-837-5299
Agritourism	615-837-5348
Creative Resources	615-837-5318
Fair Administrator	615-837-5081
Farmers Markets	615-837-5349
Fruit & Vegetable Inspection	615-837-5169
Hay, Grain & Feed Storage	615-837-5323
Horticulture, Produce & Aquaculture	615-837-5517
International Marketing	615-837-5322
Livestock Grading	615-837-5160
Livestock Improvement	615-837-5309
Producer Diversification/Organics	615-837-5344
Tennessee Agricultural Enhancement Program	800-342-8206
Value-added Foods	615-837-5345
Tennessee Agricultural Museum	615-837-5197

USDA Market News	800-342-8206
Louis Langell, Officer in Charge	615-837-5164

Regulatory Services

Jimmy Hopper, Director	615-837-5152
Fax	615-837-5335
John Moore, Administrative Manager	615-837-5341
Animal Health	615-837-5125
Biofuels Technical Assistance	615-837-5327
Feed, Seed, Fertilizer & Grain	615-837-5135
Food & Dairy	615-837-5177
Food Manufacturing	615-837-5534
Laboratory Services	615-837-5314
Plant Certification	615-837-5338
Pesticides	615-837-5133
Petroleum Quality	615-837-5145
Weights & Measures	615-837-5109
Pesticide/Plant Certification Field Offices	
Memphis	901-754-0464
Jackson	731-423-5647
McMinnville	931-815-9726
Knoxville	865-594-6098

Our Mission:

To serve the citizens of Tennessee by promoting wise uses of our agricultural and forest resources, developing economic opportunities, and ensuring safe and dependable food and fiber.

Administration

Administration provides budgetary, legal, human resources and communications support to help department programs achieve goals and objectives in an efficient and cost effective manner. Staff also works with legislators and industry to ensure programs have adequate statutory authority, staffing and clerical support.



Agricultural Crime Unit - The ACU provides law enforcement support for the department's regulatory and forestry programs related to animal and plant health, food safety, pesticide use and wildland fire arson investigation. The unit frequently assists local law enforcement agencies in the investigation and prosecution of crimes related to livestock theft and illegal drug manufacturing.

Boll Weevil Eradication Program - In 2008, the program continued to deliver economic and environmental benefits of reduced cotton insecticide use and increased yields for the state's cotton growers. Dual records were set with a record yield of 945 lbs. per acre, and a record production of 1.37 million bales of cotton. Ninety-eight percent of the weevils trapped occurred in the five-county area along the Mississippi River as we continue to manage the residual effects of



prior weevil migration from Northeast Arkansas. With the eradication program making substantial progress in all adjacent areas, Tennessee's program is expected to fully transition from active eradication to monitoring and maintenance in a couple of years.

The Tennessee General Assembly appropriated \$3.89 million in FY 2008 for the eradication program. This and previous appropriations have made possible a reduction in assessment rates paid by West Tennessee cotton growers from \$12.25 per acre to \$10 per acre, and have provided funds for buffer-zone financing and additional debt service.

Thanks to the Boll Weevil Eradication Program, Tennessee cotton growers are finding renewed competitiveness in a spirited global market.



Commodity Distribution – Tennessee Department of Agriculture administers USDA's food distribution program for the National School Lunch Program. This program supports American agriculture while providing nutritious food to schoolchildren. TDA also administers the Emergency Food Assistance Program, which supplements the diets of low-income people. In FY 2008, 29 million pounds of food valued at \$28.5 million were ordered and allocated for schools, childcare institutions and non-profit charities.

Administration

Working together...

Water Resources - The state Agricultural Resources Conservation Fund helps landowners install Best Management Practices to improve water quality. In FY 2008, 2,459 BMPs and 115 educational projects were funded through Soil Conservation Districts, local Resource Conservation and Development Districts and universities.

The goal of the federally-funded "319" program is to remove rivers and streams from the state's list of impaired waters. The program funds projects that address nonpoint-source pollution from urban areas, abandoned mine lands, farms and forests. In FY 2008, the program had 22 ongoing watershed restoration projects, 12 educational projects and 12 watershed planning projects.

TDA continues its involvement in the federal permitting program for Concentrated Animal Feeding Operations (CAFOs), administered by the Tennessee Department of Environment and Conservation. The department's primary role is to review all nutrient management plans associated with CAFOs. Seventy-six permit applications were received in FY 2008, for a total of 341 facilities that have applied since the program began in 1999.

TO INCREASE FARM PROFITS

National winners nearly a decade apart, John Chester and Keith Fowler of Weakley County seem to have the magic touch when it comes to agriculture. Chester and his wife, Mary Margaret, won the 2008 American Farm Bureau's Excellence in Agriculture Award, which recognizes young farmers and ranchers who excel in agricultural leadership. Just nine years earlier, Fowler and his wife, Linda, won the American Farm Bureau's coveted Outstanding Young Farmer and Rancher Achievement Award.



In addition to helping manage Fowler Farms, a 4,200-acre row crop operation, Chester also produces 200 acres of corn, soybeans and wheat and raises approximately 30 head of beef cattle of his own. He also dedicates 350 acres to hay production. With \$15,000 in cost share assistance through the Tennessee Agricultural Enhancement Program, the national champ last year purchased a hay wrapper to maintain quality and to better manage his forage resources. This year, he plans to purchase livestock equipment, feed storage equipment and participate in the cattle genetics program. He will use more than \$18,000 in TAEP cost share assistance to improve the management and quality of his beef herd.

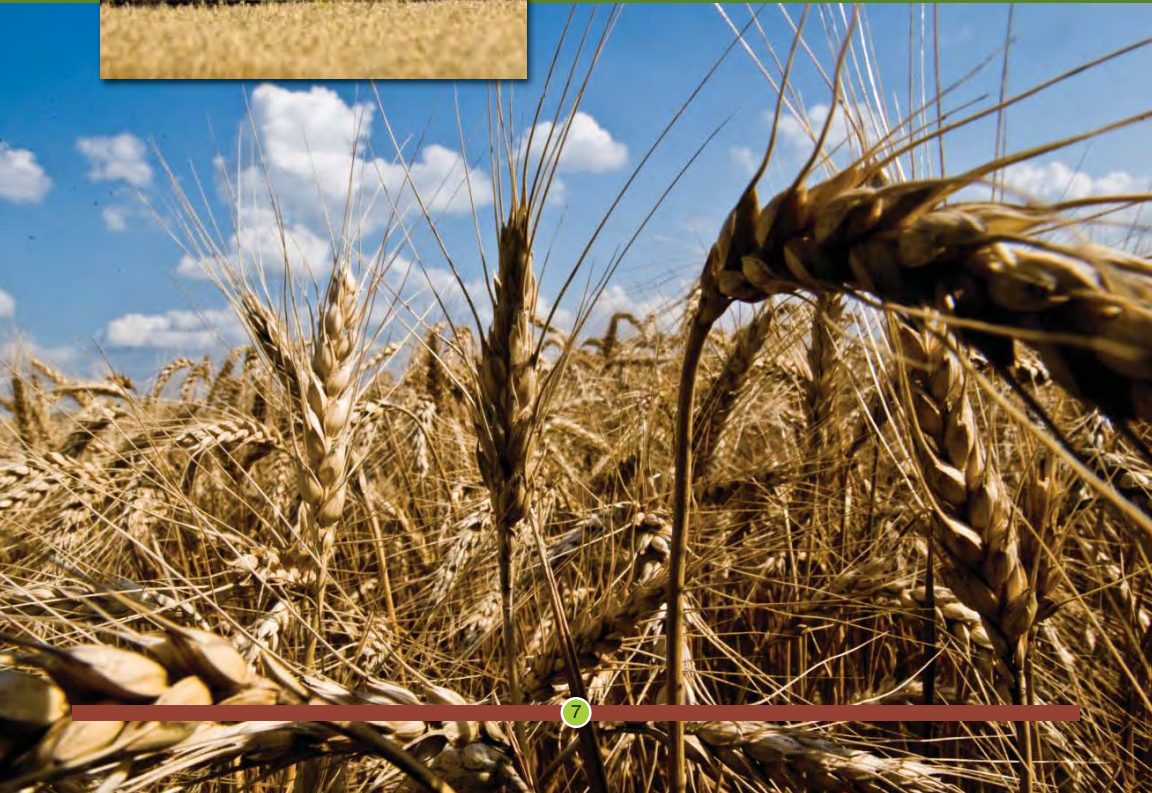
Administration

“The Ag Enhancement Program has given me the opportunity to purchase good quality tools and top-of-the-line genetics that I wouldn’t otherwise have been able to afford,” said Chester. “It also gives Tennessee producers a chance to add value and safety to their individual operations during a time when we face other important cost related issues.”

Like Chester and Fowler, in a year of record grain prices, many Tennessee farmers have shifted to more corn, soybeans and wheat acreage, making the department’s new TAEP Grain Storage cost share even more important. For the first time, the department this year began

offering 35 percent cost share up to \$15,000 to help farmers install on-farm grain storage facilities. More than 200 producers took advantage of the new program that is designed to help them better manage and market their grain in a sometimes volatile grain market.

Read more about how the Tennessee Agricultural Enhancement Program is having an impact on farm income and rural communities across the state on page 8. The latest statistics from the USDA National Agricultural Statistics Service on Tennessee’s row crops can be found beginning on page 24.

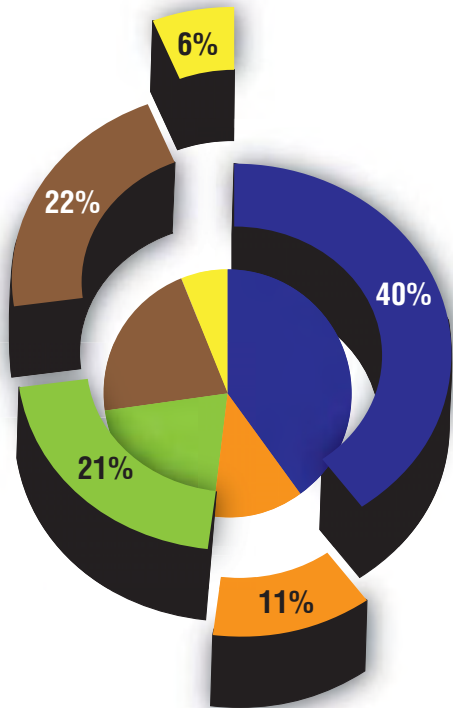


Administration

TAEP Strengthens Rural Economies

*Every dollar TAEP invests generates \$4.64 for rural economies.
TAEP has generated \$173.1 million in economic activity.
2,051 additional jobs have been created.*

(Source: The University of Tennessee Agri-Industry Modeling & Analysis Group)



Producer Cost Share Investments FY 2008

TAEP Opportunity	# of Projects	\$ of Projects	% of Dollars
Beef Cattle Genetics and Handling & Feeding Equip.	4,403	\$7,544,867	40%
Dairy Genetics and Equipment	367	\$2,143,113	11%
Feed Storage	533	\$ 4,121,154	22%
Hay Storage	1,283	\$4,077,110	21%
Producer Diversification	246	\$1,144,593	6%

TAEP provided cost share dollars to more than 4,300 Tennessee producers in FY 2008.

Water Resources

TAEP awarded grants to 40 Soil Conservation Districts. These funds provide additional technical assistance for implementing Best Management Practices on farms. This helps control soil erosion and improve water quality in Tennessee.

Forestry

TAEP helped 78 landowners reforest or improve more than 3,500 acres of forestland. An additional 102 landowners, representing more than 4,900 acres, have applied for future funding.

TAEP provided funding to 35 urban communities for their tree planting projects on public lands.

Regulatory

TAEP funded regional animal diagnostic laboratories in East and West Tennessee.

TAEP funded producer education classes for more than 17,000 participants. This includes the Beef or Pork Quality Assurance Class, Master Beef or Master Meat Goat Class and the Tennessee Quality Milk Initiative Class.

Market Development

Market Development works with Tennessee producers and agribusinesses to help increase farm income through various growth and development activities.

TDA markets local products abroad, building bridges of opportunity for Tennessee producers/processors and world markets. In Trade missions, targeted buyers are brought to Tennessee where they can see Tennessee products and forge business relationships with producers. Grants from the *Ag Tag* Agricultural Development Fund continue to be a major source of support for agriculture and forestry-related organizations and industry-initiated marketing programs.

Market Development focuses on expanding domestic markets for organics, processed foods, aquaculture, equine, wineries, horticulture, livestock, hay, ratites, fruits and vegetables and direct farm marketing, popularly referred to as agritourism.

Agricultural fairs are another way Tennessee producers are reaching audiences. Fairs attract 3 million visitors each year in Tennessee and have a significant impact on local and regional economies totaling \$12.6 million in gross receipts. TDA helps fund agricultural fairs, livestock shows, agricultural youth organizations and other programs promoting agriculture or providing agricultural education.



Livestock grading services and market news services help farmers strategically price and package their products. Fruit and vegetable grading is provided through a joint program with USDA. The toll-free Market News Hotline received more than 80,000 calls last year.

The Tennessee Agricultural Museum provides school children and adults with an appreciation for agriculture's important past and current contributions to the state's economy and culture. The museum hosts more than 20,000 visitors annually for tours and educational activities. Hands on programs and special events are conducted on the grounds throughout the school year and "Summer Saturdays" make the museum available to everyone.



TO BUILD BIOBASED MARKETS FOR TENNESSEE FARMERS

The Tennessee Department of Agriculture Market Development Division is partnering with an established name in biotechnology – Memphis Bioworks® Foundation – to build regional links between farmers and forest landowners and the industry and service providers that use biobased feedstocks.

The project involves working with West Tennessee farmers who can lead the way on producing new crops, using new technology and practices, and then matching those farm products to a variety of high-value uses ranging from human health to biobased consumer products.

Ultimately, the goal of the project is to increase farm profits by adding value to agricultural feedstocks such as corn, soybeans, wood chips, switchgrass and other crops that can be used in medical, fuel or industrial biotechnology processes. The project will also serve biotech industries by opening up new supply and distribution channels in the Delta region.

The department is supporting the multi-year project with a \$600,000 grant funded through the Tennessee Agricultural Enhancement Program, created in 2005 by Governor Phil Bredesen and supported by the General Assembly to provide investment in agricultural development.



“Memphis Bioworks has a proven track record of success in biotechnology and, we believe, is uniquely qualified to lead efforts in the Delta region to match farm production with industry demand



and uses,” said Commissioner Ken Givens. “We’re excited about our partnership with Memphis Bioworks and the prospects of not only building new markets for farmers but also spurring a new industry.”

Memphis Bioworks Foundation was established in 2001 as a non-profit organization to help build the region into a center for the development and commercialization of biomedical and bioscience technologies. Based on research and strategic planning by the Battelle Memorial Institute of Columbus, OH, the foundation has developed a biotechnology research park, founded a math and engineering school for intercity students, and created an entrepreneurship center to help support promising start-up businesses.

The steps to building a market relationship between farmers and forestland owners and biotech firms include assessing the region’s agricultural production, diversifying the production of feedstocks and building a network of champion farmers who can lead by example with financial and technical support.

According to Peter Nelson of Memphis Bioworks, the foundation wants to build

Market Development

upon the natural strengths of the region to grow and process a variety of agricultural and forestry materials into useful products including ethanol, biodiesel, bioplastics, medicines, paints, resins, cleaners and other products.

“As West Tennessee agriculture increasingly transitions into being more focused on developing new crops, local processing and new partnerships, Memphis Bioworks is pleased to be working with the Tennessee Department of Agriculture to grow the industry,” said Nelson.

With the help of a blue-ribbon steering committee of industry experts, the foundation has already processed applications and identified 25 West Tennessee farmers to begin planning for the production of various specialty and experimental crops. The foundation expects to work with these champion farmers to begin planting cool weather oilseed crops such as canola, high erucic acid rapeseed, crambe and camelina as early as the fall of 2008.

The lessons learned will be used to refine production, harvesting and handling techniques and to develop new technologies that can be expanded throughout the region. Farm production will then be matched with demand for and new uses of oilseed and other crops for an integrated farm-to-industry supply chain and a new biobased market for Tennessee farmers.



The Division of Forestry promotes the wise use of forest resources by helping landowners, fighting wildfires, providing quality seedlings, monitoring insects and diseases, improving urban forests, managing state forests, protecting water quality and collecting forest inventory data. To prevent wildfires, the division trains volunteer fire departments, issues burning permits, enforces fire laws and teaches the public fire safety.



The division grows millions of pine and hardwood seedlings for timber production, wildlife habitat and erosion control, while developing genetically superior stock able to increase yields by up to 30 percent.

The Division of Forestry continues to protect Tennessee's forests by monitoring insect pests, provides information to the public and takes action to control or slow the spread of certain forest pests. Certified inventory foresters take detailed measurements of tree growth, quality, health and use for an annual update on the condition of Tennessee's forests. The division monitors the demand for roundwood and the total volume of timber harvested on private lands. The division also administers federal grants and provides technical assistance for urban forestry and manages state forests for multiple benefits including recreation, wildlife, unique features, timber and water quality.

The division works with the Tennessee Department of Environment and Conservation to monitor compliance with state water quality regulations and trains loggers in the use of Best Management Practices.

TO HELP FOREST LANDOWNERS IN OUR COMMUNITY

Located in a secluded area of Clay County, Tenn., the Division of Forestry is working with the historic Free Hill Community to manage and plan for their forestland. As part of the division's outreach to underserved and limited resource landowners, they have been working with the community for the past several years.

"This community is an important part of Tennessee's history, and we are working to educate the landowners about how to preserve and manage their properties," said Environmental Affairs & Public Outreach Unit Leader John Fenderson. "It is exciting to be working with a community that is so eager to preserve their legacy and land."



The original inhabitants of the Free Hill Community were the freed slaves of Virginia Hill, the daughter of a wealthy North Carolina planter. Before the Civil War, Hill purchased two thousand acres of isolated and hilly land in Tennessee. She then freed the slaves, turned the property over to them, and left the area. Currently, the Division of Forestry is working with the community on a land-loss abatement strategy. They are now researching deeds and titles and hosting workshops on will

Forestry

and estate planning. These are the first in a series of workshops focusing on a number of issues all pertaining to maintaining the forested acreage in a forested land use.

“The Division of Forestry has helped to re-engage people who have been apathetic about participation in community efforts,” said Free Hill landowner Joyce Emerson.

The Division of Forestry’s Environmental Affairs & Public Outreach Unit is always seeking creative ways to reach out to the various publics of the state. The unit’s goals include creating and maintaining relationships with many different non-profit organizations as well as working with other units within the division to identify new target audiences. This allows the division to gain insight into some of the specific needs of communities on a variety of scales and to address those needs with a targeted, cost effective application of technical assistance.

“The Free Hill Community outreach is just one of the many ways the division is working to protect our forestlands,” said State Forester Steve Scott.

In addition to the Free Hill Community, the division has worked over the past couple of years with another community in Southwest Tennessee. Issues raised in division sponsored

workshops held in Haywood and Hardeman counties in 2006 led the unit in helping the Southwest Tennessee Landowners Interest Group gain incorporation as a 501(c)3 nonprofit organization in 2007-2008. The group’s mission was established to conduct outreach to other underserved and limited resource landowners with support from the University of Tennessee/Tennessee State University Cooperative Extension Service and the Division of Forestry.

“Our goal is to plant the seed of outreach with other groups so that they can continue the effort with their own communities and peers,” said Fenderson. “Our support along with the cooperation of the UT/TSU Cooperative Extension Service allows the division to have the greatest impact on the largest number of Tennesseans in an efficient manner.”



TDA's Regulatory Services Division monitors agricultural materials, products and services to assure quality, consumer protection, public safety and a fair marketplace.

The division works to control animal diseases. Accomplishments include the complete eradication of bovine brucellosis and tuberculosis, swine brucellosis and pseudorabies; and a reduction in the incidence of equine infectious anemia.

Nursery, greenhouse and plant dealer certification ensures healthy, pest-free plant material in interstate and international trade. Regulatory Services registers pesticides, certifies applicators, monitors groundwater quality and inspects pest control businesses.

Ensuring a safe food supply, the division inspects dairy farms, plants, milk transport trucks, dairy and trade product distributors and milk samplers and registers dairy products. The division also licenses and inspects retail food stores, food manufacturers, warehouses and distributors. Other responsibilities include enforcing bottled water regulations, performing custom slaughter-house inspections, hazardous substance inspections and labeling and enforcing state laws prohibiting the sale of tobacco products to minors.

The Weights and Measures section works to ensure citizens get what they pay for by testing devices such as fuel pumps, scales and liquid propane gas meters for accuracy. Inspections are also made for net quantity on packaged products and for the accuracy of price verification systems. The state metrologist ensures the accuracy of mass and volume standards. Truth in labeling is also verified for fuel quality standards.

TDA's laboratory supports many programs through animal diagnostics, food microbiology, toxicology, food residue, environmental monitoring and quality assurance for agricultural inputs such as feed, seed and fertilizers.

TO MAKE BEES A PRIORITY FOR TENNESSEE AGRICULTURE

Honeybees play an important role in increasing the quantity and quality of many agricultural crops as well as assuring the reproduction of countless species of plants including wildflowers. Also, honeybees provide several other products that are enjoyed by Tennesseans such as honey and bees wax. Acknowledging the importance of bees to agriculture, the Tennessee Department of Agriculture appointed Michael Studer as Tennessee's state apiarist.



“Bees contribute more than \$120 million to the state of Tennessee’s economy each year,” said Studer. “The United States has seen a 39 percent decrease in bee populations and Tennessee has seen a 29 percent decrease, so it is important that we protect these precious insects.”

For Regulatory Services questions, comments or complaints regarding:

- Agri-security
- Animal and plant health
- Feed, seeds and fertilizers
- Food and dairy products
- Food store sanitation
- Pesticide use
- Motor fuel quality
- Weights and measures

Call toll-free 1-800-OCTANE1 (628-2631)

Regulatory Services

The decline can be attributed to many different factors including parasitic mites, nosema and other diseases. In fact, all colony losses reported in Tennessee have been diagnosed as being caused by known diseases or pests. Many of these are treatable and it is important that beekeepers be kept up-to-date on those available treatments. Currently, Tennessee has not seen Colony Collapse Disorder or CCD, which many other states are battling. CCD is the mysterious drop in the number of bee colonies with no identifiable cause.

Without bees we wouldn't have enough food to feed our families. Approximately one out of every three bites we eat are the results of pollination by bees. Pollination gives us the squash, melons, nuts and berries all citizens enjoy. They also pollinate many other plants that are often forgotten such as wildflowers and trees.

Along with funding the new state apiarist position, TDA is also providing cost share dollars through the Tennessee Agricultural Enhancement Program (TAEP) for beekeepers. In 2006, honey extraction equipment was purchased using TAEP funds so beekeepers across the state could harvest their honey for sale at much lower cost. Jim Garrison, president of the Tennessee Beekeepers Association, has received TAEP funds in the past and is approved this year to receive more. He plans to purchase trailers for transporting his bee colonies.

“With more than 1,000 beekeepers in Tennessee, and that number increasing rapidly, our beekeepers are all working to maintain healthy bee colonies,” said Garrison. “The Tennessee Agricultural Enhancement Program is helping these beekeepers by assisting them in purchasing bees and equipment for pollination.”

One way beekeepers can protect their bee colonies is to register their hives with the department. In the event of a disease outbreak or if aerial pesticide spraying will be taking place in areas with registered hives, the agency will notify beekeepers in the area so they can take preventative action. This is just another simple way beekeepers can protect a valuable agricultural resource.

TAEP is a state funded program established by Governor Phil Bredesen and supported by the General Assembly to increase farm income in Tennessee by helping farmers invest in better farming practices and by encouraging diversification and innovation. Beekeepers can qualify for cost share assistance in order to enhance their honeybee operations and increase their pollination services and honey production. This includes apiary expansion, beehives, honey processing equipment and trailers for pollination service.

For more information on bees, visit <http://www.tn.gov/agriculture/regulate/apiary/>.



Regulatory Services

A Life of Caring, A Career of Distinction



*Dr. Ronald B. Wilson
(1954 – 2008)*

This year, the Tennessee Department of Agriculture lost a very important and valued employee. Dr. Ron Wilson served as the State Veterinarian since 1999

and Director of the C. E. Kord Animal Disease Diagnostic Laboratory since 1995. Dr. Wilson worked for the department for more than 25 years.

“This department, as well as the citizens of Tennessee, have benefitted from the untiring services of a very dedicated, nationally recognized individual, who exhibited great wit and professionalism in serving as our State Veterinarian,” said Regulatory Services director Jimmy Hopper. “Dr. Wilson had a gift of incorporating his vast technical and scientific knowledge with common sense in addressing animal health issues that not only safeguarded the livestock industry but protected public health as well.”

Dr. Wilson spearheaded making animal diagnostic services available to all regions of Tennessee. We now have three diagnostic labs serving East, Middle and West Tennessee. Veterinarians and producers are able to submit animals to the facility for necropsies at no cost. These labs then provide definitive diagnoses made by state veterinary pathologists.

Under Dr. Wilson’s leadership, the CE Kord Animal Disease Diagnostic Laboratory joined the National Animal Health Laboratory Network (NAHLN). Dr. Wilson served on the NAHLN Steering Committee from 2005-2008. As a NAHLN Steering Committee member, he helped establish the animal health laboratory backbone of the United States emergency response and recovery program and was an advocate of the NAHLN to the State Veterinarians and the United States Animal Health Association.



He was also instrumental in establishing the Disaster Animal Response Teams (DART). Now, DART is either complete or in progress in most counties.

“Dr. Wilson was an asset to the veterinarian community,” said Dr. Allan Holladay, a long-time Wilson colleague and private practitioner in Brentwood, Tenn. “He was a helpful diagnostician and was always available to answer any questions.”

Dr. Wilson grew up in Michigan and received both his Bachelor of Science and Doctor of Veterinary Medicine degrees with high honor from Michigan State University.

Dr. Wilson is survived by his wife, Debra Ann Wilson, D.V.M., three children, Erin Wilson Lanigan, Kevin Wilson and Jill Wilson and one granddaughter Regan Elizabeth Lanigan.

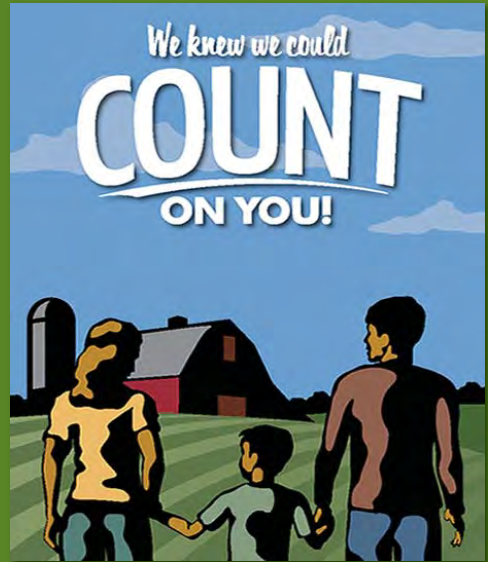


USDA National Agriculture Statistics Service



TDA maintains a cooperative relationship with the USDA National Agricultural Statistics Service (NASS) Tennessee Field Office, to provide timely, unbiased statistics including crop acreage, yield and production; crop progress and condition; livestock inventories; and economic information. Information from NASS allows informed decisions to be made in both the public and private sectors and guarantees a level playing field. All Tennessee Field Office data products are made possible through the willingness of the state's farmers who take part in agricultural surveys about their operations. This information ensures an accurate picture of Tennessee agriculture, and is also vital in the correct distribution of state and federal grant monies. Individual information provided to NASS is kept in the strictest confidence and protected by law from disclosure to any group, other federal agency or individual.

The Tennessee Field Office also has responsibility for the five-year Census of Agriculture. NASS will release 2007 census data, in both electronic and print formats, beginning in February 2009. Detailed reports will be published for all counties, states and the nation. To date, more than two million census forms have been completed and returned. NASS wants to offer a special thank you to those producers. By responding, their voices are being heard and they are helping themselves, their communities and all of U.S. agriculture.



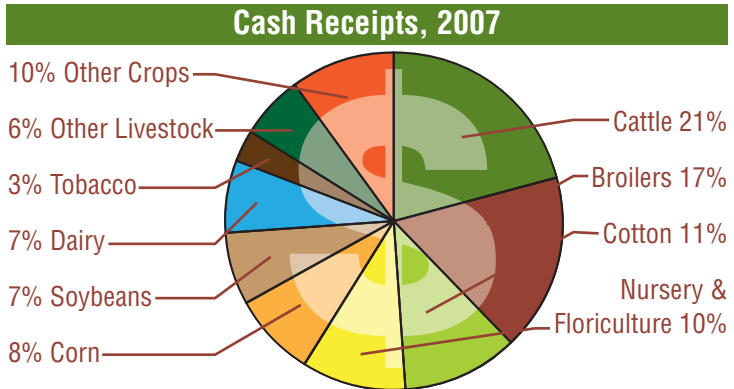
Tennessee Agriculture & Forestry

Tennessee's top agricultural commodities include cattle and calves, broilers, cotton, greenhouse/nursery, corn, dairy products, soybeans, tobacco, hay, hogs, wheat, tomatoes, eggs, snap beans, grain sorghum, apples, sheep and lambs, squash, honey and farm chickens. Agricultural production alone, excluding forest products, generates more than \$2.7 billion annually in farm cash receipts. Forestry related industries, value-added manufacturing, marketing and distribution, equine and other agricultural related products also add significantly to the state's economy.

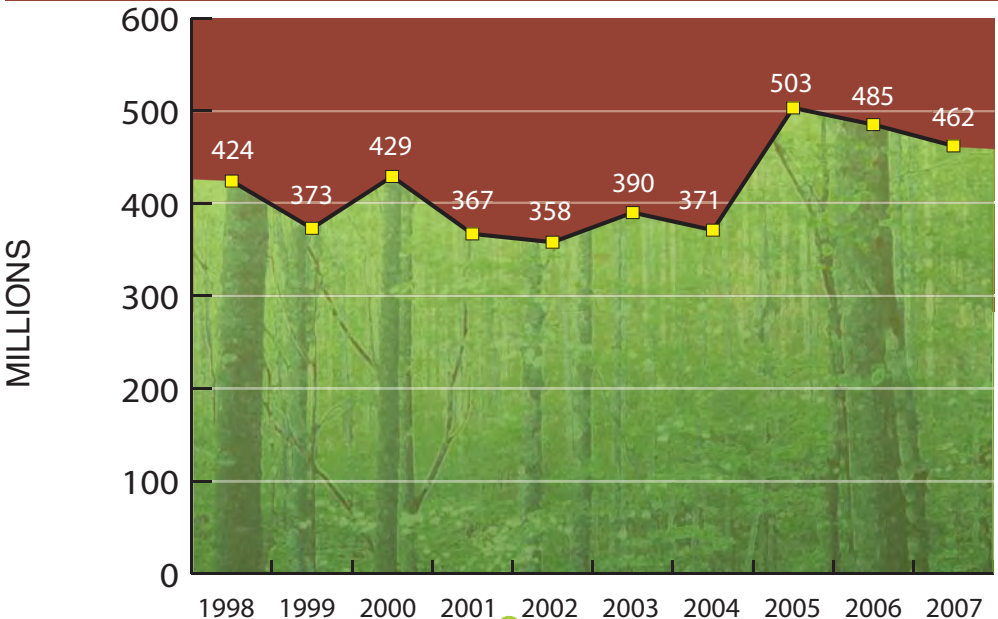
Farming continues to dominate Tennessee's landscape with 79,000 farms producing and selling crops, livestock and/or forest products. Although nearly three-fourths of Tennessee farms had sales of less than \$10,000 during 2007, the state is still a major producer in the U.S. of a number of commodities.

The state ranks second in equine and meat goat numbers and ranks as one of the top five states in production of tomatoes and snap beans.

Farmland in Tennessee, at 11.4 million acres, accounts for over 43 percent of the state's total land area. More than 14 million acres of farm and non-farm forest lands produced income of \$462 million in timber sales during 2007. This level of production typically keeps Tennessee within the top five hardwood producing states. International trade has a significant impact on Tennessee agriculture as well, with exports of raw agricultural products totaling \$770 million in 2007.



Tennessee: Income from Timber Sales 1998-2007



State Summary

Farms, Land in Farms & Value

Number of Farms: Economic Sales Class, Tennessee, 2002-2007¹

Year	Number of Farms	Economic Sales Class				
		\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000 & Over
Number						
2002	87,500	66,000	17,500	1,950	1,200	850
2003	87,000	65,500	17,500	1,950	1,200	850
2004	85,000	63,500	17,500	1,950	1,200	850
2005	83,000	61,500	17,500	1,950	1,200	850
2006	81,000	59,500	17,500	1,950	1,200	850
2007	79,000	57,500	17,500	1,950	1,200	850

¹ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

Land in Farms: Economic Sales Class, Tennessee, 2002-2007¹

Year	Land In Farms	Average Farm Size	Economic Sales Class				
			\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000 & Over
1,000 Acres		Acres	1,000 Acres				
2002	11,700	134	4,800	3,600	950	950	1,400
2003	11,600	133	4,700	3,600	950	950	1,400
2004	11,600	136	4,650	3,600	950	950	1,450
2005	11,500	139	4,400	3,600	950	1,000	1,550
2006	11,400	141	4,300	3,600	950	1,000	1,550
2007	11,400	144	4,300	3,600	950	1,000	1,550

¹ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

Agricultural Land Values and Cash Rents: Tennessee, January 1, 2003-2008

Year	Farm Real Estate ¹	Cropland		Pasture	
	Value per Acre	Value per Acre	Cash Rent per Acre	Value per Acre	Cash Rent per Acre
Dollars					
2003	2,400	2,350	62.00	2,350	17.50
2004	2,500	2,420	67.00	2,450	19.00
2005	2,850	2,650	67.00	3,220	18.00
2006	3,070	2,920	67.00	3,520	19.00
2007	3,400	3,350	67.00	3,850	20.00
2008	3,650	3,600	65.00	4,100	22.00

¹ Includes land and buildings.

State Summary

Cash Receipts

Leading Commodities for Cash Receipts, Tennessee, 2006-2007¹

R A N K	2006			2007		
	Item	Value of Receipts	% of Total	Item	Value of Receipts	% of Total
		\$1,000			\$1,000	
	All Commodities	2,466,154	100.0	All Commodities	2,741,147	100.0
	Livestock & Products	1,168,458	47.4	Livestock & Products	1,399,484	51.1
	Crops	1,297,696	52.6	Crops	1,341,663	48.9
1	Cattle & Calves	482,130	19.5	Cattle & Calves	581,995	21.2
2	Broilers	392,004	15.9	Broilers	453,951	16.6
3	Greenhouse/Nursery ²	272,141	11.0	Cotton	307,547	11.2
4	Soybeans	270,880	11.0	Greenhouse/Nursery ²	272,800	10.0
5	Cotton	230,882	9.4	Corn	215,746	7.9
6	Dairy Products	148,390	6.0	Dairy Products	201,985	7.4
7	Corn	145,441	5.9	Soybeans	195,969	7.1
8	Tobacco	94,108	3.8	Tobacco	80,782	2.9
9	Hay	68,321	2.8	Hay	63,580	2.3
10	Tomatoes	49,980	2.0	Hogs	58,974	2.2
11	Wheat	45,316	1.8	Wheat	54,417	2.0
12	Hogs	41,332	1.7	Tomatoes	39,406	1.4
13	Eggs	33,642	1.4	Eggs	34,202	1.2
14	Snap Beans	19,152	0.8	Snap Beans	17,216	0.6
15	Grain Sorghum	3,293	0.1	Grain Sorghum	4,348	0.2
16	Peaches	2,538	0.1	Apples	1,475	0.1
17	Apples	2,247	0.1	Sheep and Lambs	1,391	0.1
18	Squash	1,725	0.1	Squash	1,376	0.1
19	Sheep and Lambs	1,631	0.1	Honey	887	0.0
20	Farm Chickens	1,193	0.0	Farm Chickens	878	0.0

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

Source: Economic Research Service, U.S. Department of Agriculture, August 2008.

State Summary

Financial Indicators

Farm Income and Value Added Data: Tennessee, 2005-2007

Item ¹	2005	2006	2007
		\$1,000	
Value of Crop Production	1,289,448	1,392,559	1,114,330
+ Value of Livestock Production	1,333,221	1,238,705	1,270,707
+ Revenues from Services and Forestry	754,202	800,497	885,360
= Value of Agricultural Sector Production	3,376,871	3,431,761	3,270,397
- Purchased Inputs	1,725,300	1,895,774	1,981,900
Farm origin	515,735	560,926	609,747
Manufactured inputs	486,264	533,580	570,580
Other purchased inputs	723,301	801,268	801,573
+ Net Government Transactions	358,392	162,844	129,630
+ Direct Government payments	509,413	326,292	306,741
- Motor vehicle registration & licensing fees	16,572	13,633	18,333
- Property taxes	134,449	149,815	158,778
= Gross Value Added	2,009,963	1,698,831	1,418,126
- Capital Consumption	648,849	669,582	687,208
= Net Value Added	1,361,114	1,029,249	730,918
- Payments to Stakeholders	373,212	384,260	355,677
Employee Compensation (Hired Labor)	165,128	191,172	164,869
Net Rent Rec'd by Nonoperator Landlords	7,117	-19,367	-36,121
Real Estate and Nonreal Estate Interest	200,967	212,455	226,929
= Net Farm Income	987,902	644,989	375,241

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 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, August 2008.

State Summary

Tennessee's Rank in U.S. Agriculture, 2007

Item	Unit	Tennessee		Leading State		United States
		Rank	Production	State	Production	
			1,000		1,000	1,000
General						
Farm Numbers	no.	6	79	Texas	229	2,076
Land in Farms	acres	26	11,400	Texas	129,500	930,920
Average Size of Farm ¹	acres	43	144	Wyoming	3,909	449
Crops						
Tobacco, Dark Fire-Cured	lbs.	2	16,120	Kentucky	24,800	41,688
Tobacco, Burley	lbs.	2	20,800	Kentucky	154,000	207,387
Tobacco, Dark Air-Cured	lbs.	2	1,716	Kentucky	11,760	13,476
Snap Beans, Fresh	cwt.	5	538	Florida	3,105	6,465
Tomatoes, Fresh	cwt.	5	1,159	Florida	14,553	37,032
Tobacco, All	lbs.	6	38,636	N. Carolina	383,420	779,899
All Cotton	bales	9	600	Texas	8,296	19,207
Cottonseed	tons	9	203	Texas	2,861	6,589
Hay, Other	tons	9	2,380	Texas	14,560	77,729
Sorghum, Grain	bu.	15	1,330	Kansas	212,000	504,993
Soybeans	bu.	18	17,460	Iowa	438,780	2,585,207
Corn, Grain	bu.	21	83,210	Iowa	2,368,350	13,073,893
Winter Wheat	bu.	26	10,660	Kansas	283,800	1,515,989
Apples	lbs.	32	100	Washington	5,200,00	9,113,900
Hay, Alfalfa	tons	32	63	California	7,128	72,575
Corn, Silage	tons	34	612	California	12,015	106,328
Livestock						
Equine ²	head	2	155	Texas	395	3,750
Meat Goats ³	head	2	118	Texas	1,090	2,500
Beef Cows ³	head	9	1,079	Texas	5,240	32,553
Broilers	no.	13	207,000	Georgia	1,398,800	8,898,200
All Cattle & Calves ³	head	15	2,130	Texas	13,800	96,669
Milk Goats ³	head	18	5.8	California	30	305
Milk Cows ³	head	28	61	California	1,835	9,224
All Hogs ⁴	head	29	140	Iowa	19,400	68,113
Milk	lbs.	30	999,000	California	40,683,000	185,602,000
Sheep & Lambs ³	head	32	25	Texas	1,050	6,165
Honey	lbs.	33	455	N. Dakota	31,080	148,482
All Chickens ⁴	no.	33	2,175	Iowa	64,970	454,902

¹ Average size of farm in actual units. ² 2002 Census of Agriculture. ³ January 1, 2008 Inventory. ⁴ December 1, 2007 Inventory.

State Summary

Top Ranking Livestock and Crop Counties, Tennessee, 2007

Rank	All Cattle	Beef Cows	Milk Cows	All Tobacco	Corn
1	Greene	Greene	McMinn	Robertson	Obion
2	Lincoln	Lincoln	Greene	Macon	Gibson
3	Giles	Giles	Monroe	Montgomery	Weakley
4	Maury	Maury	Washington	Henry	Dyer
5	Bedford	Bedford	Loudon	Greene	Henry
6	Wilson	Wilson	Marshall	Cheatham	Robertson
7	Washington	Lawrence	Robertson	Dickson	Carroll
8	Lawrence	White	White	Hawkins	Lauderdale
9	Robertson	Sumner	Henry	Smith	Lake
10	White	Rutherford	Bradley	Claiborne	Haywood
11	Sumner	Warren	Coffee	Washington	Fayette
12	Rutherford	Washington	Jefferson	Sumner	Tipton
13	Warren	Williamson	Polk	Trousdale	Montgomery
14	McMinn	Hawkins	Lincoln	Jefferson	Madison
15	Williamson	Robertson	Giles	Clay	Crockett
Rank	Cotton	Wheat	Soybeans	Alfalfa Hay	All Other Hay
1	Haywood	Gibson	Dyer	Robertson	Greene
2	Crockett	Robertson	Obion	Greene	Maury
3	Tipton	Weakley	Gibson	Washington	Giles
4	Lauderdale	Dyer	Lake	Sullivan	Wilson
5	Gibson	Obion	Lauderdale	Blount	Robertson
6	Dyer	Haywood	Weakley	Hawkins	Washington
7	Fayette	Lake	Tipton	Maury	Lincoln
8	Madison	Tipton	Haywood	Hamblen	Bedford
9	Carroll	Fayette	Shelby	Sumner	Sumner
10	Shelby	Crockett	Fayette	Marshall	Williamson
11	Lake	Lauderdale	Crockett	Jefferson	Lawrence
12	Hardeman	Henry	Henry	Rutherford	Jefferson
13	Lincoln	Madison	Robertson	Johnson	Dickson
14	Obion	Franklin	Coffee	Lawrence	Rutherford
15	Weakley	Shelby	Madison	-----	White

Crops

Tennessee Summary, 2006-2007

2006 Crop	Unit	Area		Yield Per Acre	Production	
		Planted	Harvested		Total	Value
		1,000 Acres			1,000	\$1,000
Corn for Grain	bu.	550	500	125	62,500	183,125
Corn for Silage	tons	---	47	16	752	---
Cotton, Lint	lbs. ¹	700	695	945	1,368	304,681
Cottonseed	tons	---	---	---	441	44,982
Hay, All	tons	---	1,830	2.32	4,251	249,522
Alfalfa	tons	---	30	3.7	111	13,542
All Other	tons	---	1,800	2.3	4,140	235,980
Sorghum for Grain	bu.	14	11	95	1,045	3,043
Sorghum for Silage	tons	---	2	19	38	---
Soybeans	bu.	1,160	1,130	39	44,070	277,641
Tobacco, All	lbs.	---	19.80	2,482	49,135	93,009
Dark Fired-Cured	lbs.	---	5.3	3,200	16,960	40,704
Burley	lbs.	---	14.0	2,200	30,800	49,280
Dark Air-Cured	lbs.	---	0.50	2,750	1,375	3,025
Winter Wheat	bu.	280	190	64	12,160	42,925
Apples ²	lbs.	---	0.9	11,100	9,000	2,456
Peaches ²	tons	---	0.5	3.8	1.8	2,538
Squash, Total	cwt.	1.1	0.9	96	86	1,725
Snap Beans, Fresh	cwt.	9.5	9.0	56	504	19,152
Tomatoes, Fresh	cwt.	4.2	3.9	305	1,190	49,980
2007 Crop	Unit	Area		Yield Per Acre	Production	
		Planted	Harvested		Total	Value
		1,000 Acres			1,000	\$1,000
Corn for Grain	bu.	870	785	106	83,210	307,877
Corn for Silage	tons	---	68	9	612	---
Cotton, Lint	lbs. ¹	515	510	565	600	150,336
Cottonseed	tons	---	---	---	203	36,540
Hay, All	tons	---	1,725	1.42	2,443	199,850
Alfalfa	tons	---	25	2.5	63	9,450
All Other	tons	---	1,700	1.4	2,380	190,400
Sorghum for Grain	bu.	22	19	70	1,330	5,065
Sorghum for Silage	tons	---	2	9	18	---
Soybeans	bu.	1,040	970	18	17,460	183,330
Tobacco, All	lbs.	---	19.98	1,934	38,636	75,823
Dark Fire-Cured	lbs.	---	6.2	2,600	16,120	39,010
Burley	lbs.	---	13.0	1,600	20,800	33,072
Dark Air-Cured	lbs.	---	.78	2,200	1,716	3,741
Winter Wheat	bu.	420	260	41	10,660	52,234
Apples ²	lbs.	---	0.8	125	100	40
Peaches ³	tons	---	0.5	---	---	---
Squash, Total	cwt.	1.1	0.9	83	75	1,376
Snap Beans, Fresh	cwt.	10.7	9.6	56	538	17,216
Tomatoes, Fresh	cwt.	4.1	3.8	305	1,159	39,406

¹ Cotton production is in 480 pound net weight bales. ² Utilized production. ³ No significant commercial production in 2007 due to freeze damage.

Crops

Crops: Record Highs and Lows, Tennessee

Item	Estimates Began	Unit	Record High		Record Low	
			Quantity ¹	Year	Quantity ¹	Year
			1,000		1,000	
Corn for Grain	1866					
Harvested		Acres	3,875	1917	480	1983
Yield		Bushels	140	2004	14	1930
Production		Bushels	106,562	1917	23,040	1983
Corn for Silage	1919					
Harvested		Acres	170	1973	12	1934
Yield		Tons	19	2005	3.5	1930
Production		Tons	2,560	1976	72	1932
Cotton	1866					
Harvested		Acres	1,146	1925	215	1983
Yield		Pounds	945	2006	103	1923
Production ²		Bales	1,368	2006	145	1967
All Hay	1909					
Harvested		Acres	2,035	2001	893	1914
Yield		Tons	2.52	2004	0.63	1930
Production		Tons	4,883	2004	699	1911
Alfalfa Hay	1919					
Harvested		Acres	188	1958	15	1924
Yield		Tons	4.20	2003	1.15	1930
Production		Tons	408	1963	19	1925
Sorghum for Grain	1949					
Harvested		Acres	465	1985	5	1949
Yield		Bushels	95	2006	17	1954
Production		Bushels	37,200	1985	115	1949
Sorghum for Silage	1929					
Harvested		Acres	35	1955	1	2005
Yield		Tons	19	2006	4.5	1930
Production		Tons	315	1955	10	1999
Soybeans	1924					
Harvested		Acres	2,620	1979	8	1925
Yield		Bushels	42.0	2003	6.5	1935
Production		Bushels	70,740	1979	60	1925
Winter Wheat	1866					
Harvested		Acres	1,620	1900	107	1962
Yield		Bushels	64	2006	3	1885
Production		Bushels	37,400	1981	2,008	1866
All Tobacco	1866					
Harvested		Acres	162	1930	19.8	2006
Yield		Pounds	2,482	2006	300	1874
Production		Pounds	178,117	1982	6,300	1874
Dark Fired-Cured	1919					
Harvested		Acres	103	1919	5.3	2006
Yield		Pounds	3,200	2006	744	1925
Production		Pounds	82,525	1919	13,016	1987
Burley	1919					
Harvested		Acres	89	1952	9.3	1921
Yield		Pounds	2,245	1972	700	1925
Production		Pounds	148,580	1982	7,347	1921
Dark Air-Cured	1919					
Harvested		Acres	22	1919	0.45	2005
Yield		Pounds	2,750	2006	670	1925
Production		Pounds	18,150	1919	870	1989

¹ Yields are in actual units. ² Cotton production shown in 480 lb. net weight bales.

Note: If acreage, yield, or production is identical for more than one year, the most recent year is shown.

Nursery, Floriculture, and Hay Stocks

Nursery Production: All Operations with \$100,000 + Sales, Tennessee, 2006

Category	Number of Producers	Number Sold	Gross Sales	U.S. Rank	Percent of Sales Wholesale
	Number	1,000	\$1,000	Number	Percent
Broadleaf Evergreens	114	2,060	14,737	12	92
Coniferous Evergreens	111	1,452	11,376	13	91
Deciduous Shade Trees	131	2,175	42,769	4	96
Deciduous Flowering Trees	132	3,075	35,554	3	97
Deciduous Shrubs	116	2,295	12,284	12	90
Propagative Materials	65	¹	16,401	7	99
Ornamental Grasses	40	298	1,595	14	90
Fruit and Nut Plants	33	1,565	7,725	5	95
Other Woody Ornamentals	26	916	2,237	10	85
Total			149,036	8	

¹ This item was not asked.

Floriculture: Growers, Wholesale Value, and Growing Area, Tennessee, 2001-2005

Crop Year	Total Growers	Expanded Wholesale Value ¹	Total Greenhouse Cover	Shade and Temporary Cover	Total Covered Area	Open Ground
	Number	\$1,000	1,000	1,000 Square Feet	1,000 Square Feet	Acres
2001	203	42,649	6,396	89	6,485	189
2002	237	44,287	6,314	125	6,439	362
2003	221	45,886	7,264	96	7,360	326
2004	186	42,433	7,282	178	7,460	281
2005	174	55,532	7,117	162	7,279	297

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.

Hay: Production, Stocks on Farms, Tennessee, 2003-2007

Crop Year	Production	Stocks			
		December 1	% of Prod.	May 1 ¹	% of Prod.
	1,000 Tons	1,000 Tons		1,000 Tons	
2003	4,726	3,830	81.0	1,182	26.0
2004	4,883	4,199	86.0	1,025	21.0
2005	4,367	3,625	83.0	742	17.0
2006	4,251	3,103	73.0	425	10.0
2007	2,443	1,930	79.0	195	8.0

¹ Following year.

Tillage Systems & Biotechnology

Tillage Practices Used: by Crop, Tennessee, 2004-2007

Crop	Year	Total Acres Planted	% of Total ¹			
			No-Till	Other Conservation Tillage ²	Conventional Till ³	Double-Cropped ⁴
Soybeans	2004	1,210,000	66.1	21.5	12.4	24.8
	2005	1,130,000	66.4	23.0	10.6	15.0
	2006	1,160,000	75.9	15.5	8.6	18.1
	2007	1,040,000	78.8	15.4	5.8	29.8
Corn	2004	680,000	66.2	20.6	13.2	3.7
	2005	650,000	66.2	21.5	12.3	3.1
	2006	550,000	72.7	18.2	9.1	3.6
	2007	870,000	69.0	19.5	11.5	2.9
Sorghum	2004	20,000	45.0	35.0	20.0	7.5
	2005	22,000	40.9	27.3	31.8	6.8
	2006	14,000	50.0	28.6	21.4	7.1
	2007	22,000	31.8	36.4	31.8	4.5
Cotton	2004	530,000	50.9	35.8	13.2	0.3
	2005	640,000	48.4	26.6	25.0	0.2
	2006	700,000	60.0	24.3	15.7	0.1
	2007	515,000	64.1	21.4	14.6	0.2
Wheat ⁵	2004	400,000	37.5	35.0	27.5	----
	2005	240,000	45.8	29.2	25.0	----
	2006	280,000	42.9	32.1	25.0	----
	2007	420,000	52.4	26.2	21.4	----
Total	2004	2,840,000	59.1	26.0	14.9	11.5
	2005	2,682,000	60.0	24.1	15.9	7.2
	2006	2,704,000	67.6	20.1	12.3	8.6
	2007	2,867,000	69.0	19.5	11.6	11.8

¹ Sum of no-till, other conservation tillage and conventional till percents of total may not add to 100 percent due to rounding. ² 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. ³ Conventional Till - Systems where 100 percent of the surface layer is mixed or inverted by plowing, power tilling, or multiple disking. ⁴ Double-Cropped - Two crops harvested from the same field during one year. ⁵ Wheat seeded the previous fall for all intended purposes including grain, cover, silage, hay, or any other utilization.

Biotechnology Varieties: Percent of Upland Cotton Planted, Tennessee, 2006-2008

Year	Insect Resistant (Bt)	Herbicide Resistant	Stacked Gene Varieties	All Biotech Varieties
Percent				
2006	16	10	67	93
2007	10	17	71	98
2008	10	14	73	97

Livestock, Dairy & Poultry

Livestock by Class, Tennessee, January 1, 2006-2008

Classes	2006	2007	2008
		1,000 Head	
All Cows that have Calved	1,180	1,220	1,140
Beef Cows	1,110	1,153	1,079
Milk Cows	70	67	61
Heifers 500 Pounds and Over	310	310	280
For Beef Cow Replacement	185	180	160
For Milk Cow Replacement	40	40	45
Other Heifers	85	90	75
Steers 500 Pounds and Over	125	135	120
Bulls 500 Pounds and Over	75	75	70
Calves under 500 Pounds	550	570	520
All Cattle and Calves	2,240	2,310	2,130
All Hogs and Pigs ¹	190	220	140
All Sheep and Lambs	27	25	28
Meat Goats	103	117	118
Milk Goats	6.2	6.6	5.8
Total Layers ¹	1,292	1,053	1,278
Total Pullets ¹	624	697	742
Other Chickens ^{1 2}	164	139	155
All Chickens ^{1 2}	2,080	1,889	2,175

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

Livestock Operations, Tennessee, 2003-2007 ¹

Year	Cattle	Beef Cows	Milk Cows	Licensed Dairy Herds	Hogs	Sheep
				1,000 Operations		
2003	51	45	1.3	---	1.5	1.3
2004	49	43	1.2	0.76	1.4	1.2
2005	48	42	1.1	0.71	1.2	1.1
2006	48	42	1.1	0.65	1.1	1.2
2007	48	42	1.0	0.59	1.0	1.2

¹ An operation is any place having one or more head on hand at any time during the year.

Federally Inspected Plants and Head Slaughtered, Tennessee, 2003-2007

Year	Cattle		Hogs		Sheep		Goats	
	Plants	Head	Plants	Head	Plants	Head	Plants	Head
		1,000		1,000		1,000		1,000
2003	11	10.6	19	705.9	8	6.0	¹	¹
2004	13	11.0	20	656.7	9	6.5	8	27.3
2005	13	11.2	18	642.9	10	10.5	10	29.7
2006	12	11.5	16	635.5	10	12.7	9	27.2
2007	13	20.1	17	641.8	11	13.0	11	26.8

¹ Not published to avoid disclosing individual operations.

Livestock, Dairy & Poultry

Livestock

Inventory, Production, Disposition and Income, Tennessee, 2006-2007

Classes	Unit	2006	2007
Cattle and Calves:			
Inventory Jan. 1	Mil. Head	2.24	2.31
Calf Crop	Mil. Head	1.06	1.06
Inshipments	1,000 Head	40	38
Marketings ¹	Mil. Head	0.93	1.17
Production ²	Mil. Pounds	572.3	551.3
Marketings ³	Mil. Pounds	542.0	690.4
Cash Receipts ⁴	Mil. Dollars	482.1	582.0
Price per 100 lbs.			
Cattle	Dollars	78.50	76.20
Calves	Dollars	117.00	108.00
Hogs and Pigs:			
Inventory Dec. 1 (prev. yr.)	1,000 Head	190	220
Pig Crop	1,000 Head	329	390
Inshipments	1,000 Head	125	115
Marketings ¹	1,000 Head	405	566
Production ²	Mil. Pounds	92.3	118.1
Marketings ³	Mil. Pounds	95.2	134.4
Cash Receipts ⁴	Mil. Dollars	41.3	59.0
Price per 100 lbs.			
All Hogs	Dollars	42.90	43.60
Sheep and Lambs:			
Inventory Jan. 1	1,000 Head	27.0	25.0
Lamb Crop	1,000 Head	16.0	19.0
Inshipments	1,000 Head	3.8	4.1
Marketings ¹	1,000 Head	18.5	15.8
Production ²	Mil. Pounds	1.54	1.61
Marketings ³	Mil. Pounds	2.07	1.75
Cash Receipts ⁴	Mil. Dollars	1.63	1.39
Price per 100 lbs.			
Sheep	Dollars	39.00	35.00
Lambs	Dollars	100.00	101.00

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 custom slaughter for use on farms where produced and interfarm sales within the State. ⁴ Receipts from marketings and sale of farm slaughter.

Livestock, Dairy & Poultry

Milk, Dairy Products, Trout & Honey

Milk Cows, Milk Production, and Income, Tennessee, 2003-2007

Year	Milk ¹ Cows	Milk Per Cow	Total Milk	Cash ² Receipts	Average ³ Return Per Cwt.
	1,000 Hd.	1,000 Lbs.	Mil. Lbs.	Mil. \$	Dollars
2003	79	15.3	1,205	159.60	13.30
2004	75	15.4	1,155	193.37	16.80
2005	70	15.7	1,102	175.68	16.00
2006	67	15.7	1,049	148.39	14.20
2007	63	15.9	999	201.99	20.30

¹ Average number on farms during year, excluding heifers not yet fresh. ² Cash receipts from marketings of milk and cream, plus value of milk used for home consumption and farm churned butter. ³ Cash receipts divided by milk or milkfat in combined marketings.

Annual Production of Selected Dairy Products: Tennessee, 2003-2007

Year	Cottage Cheese		Milk Sherbet Hard	Ice Cream	
	Creamed	Curd ¹		Reg. Hard	Reg. Mix
	1,000 Lbs.	1,000 Lbs.	1,000 Gals.	1,000 Gals.	1,000 Gals.
2003	10,177	9,213	983	17,453	9,114
2004	10,344	9,489	961	15,769	8,773
2005	8,716	10,706	882	16,220	9,099
2006	8,757	9,111	816	16,167	8,896
2007	7,937	8,511	781	15,513	9,003

¹ Mostly used for processing into fully creamed or lowfat cottage cheese.

Trout Sales: Pounds Sold, Value of Sales, and Operations, Tennessee, 2003-2007

Year	12 inches or longer			Total Sales ¹	Number of Operations ²
	Lbs. sold	Avg. value	Sales		
	1,000	\$ per Lb.	\$1,000	\$1,000	
2003	55	2.52	139	198	15
2004	54	2.48	134	181	14
2005	90	2.74	247	291	14
2006	83	2.81	233	291	14
2007 ³					

¹ Excludes value of eggs. ² Number of operations January 1, 2002-2006. ³ Not published to avoid disclosing individual operations.

Honey: Colonies, Yield, Production, Price, and Value, Tennessee, 2003-2007¹

Year	Colonies of Bees	Honey Production Per Colony	Production	Average Price Per Pound ²	Value of Production
	1,000	Lbs.	1,000 Lbs.	Cents	\$1,000
2003	6	40	240	152	365
2004	6	54	324	173	561
2005	7	55	385	170	655
2006	7	55	385	186	716
2007	7	65	455	195	887

¹ Producers with five or more colonies. Colonies which produced honey in more than one State were counted in each State. ² Prices weighted by sales.

Livestock, Dairy & Poultry

Poultry & Equine

Chickens: Number, Price, and Value, Tennessee, December 1, 2003-2007 ¹

Year	Number	Value per Head	Total Value
	1,000 Head	Dollars	\$1,000
2003	2,260	6.10	13,786
2004	2,400	6.60	15,840
2005	2,080	6.60	13,728
2006	1,889	7.60	14,356
2007	2,175	7.30	15,878

¹ Excludes commercial broilers.

Eggs: Production, Price, and Value, Tennessee, 2003-2007 ^{1 2}

Year	Eggs Produced	Price per Dozen	Value of Production
	Million	Dollars	\$1,000
2003	290	1.320	31,922
2004	319	1.340	35,511
2005	316	1.310	34,478
2006	289	1.400	33,642
2007	286	1.440	34,202

¹ December 1, previous year through November 30. ² Includes hatching and market (table) eggs.

Broilers: Production, Price, and Value, Tennessee, 2003-2007 ^{1 2}

Year	Number Produced	Pounds Produced	Price per Pound ³	Value of Production
	1,000 Head	1,000 Lbs.	Cents	\$1,000
2003	182,300	948,000	34.0	322,320
2004	195,900	999,100	44.0	439,604
2005	196,700	1,003,200	43.0	431,376
2006	213,500	1,088,900	36.0	392,004
2007	207,000	1,055,700	43.0	453,951

¹ December 1, previous year through November 30. ² Broiler production including other domestic meat-type strains. ³ Live weight equivalent prices, derived from ready-to-cook (RTC) prices using the following formulas: RTC price minus processing cost X (dressing percentage) = live weight equivalent price.

Equine Inventory, Total Value, Number Sold and Value of Sales, by District

District	January 1, 2004 Inventory			2003 Sales		
	Head	Total Value	Average Value Per Head	Head Sold	Total Value	Average Value Per Head
		Mil. Dol.	Dollars		Mil. Dol.	Dollars
10	7,000	14.0	2,000	1,000	1.9	1,900
20	26,000	52.8	2,031	4,900	7.1	1,449
30	25,000	47.7	1,908	3,900	4.6	1,179
40	73,000	284.0	3,890	5,800	28.9	4,983
50	24,000	46.1	1,921	2,400	4.4	1,833
60	55,000	120.4	2,189	5,000	10.6	2,120
State	210,000	565.0	2,690	23,000	57.5	2,500

Agricultural Exports

USDA's Economic Research Service (ERS) publishes estimates of U.S. agricultural export contributions by states on a fiscal year basis (October 1-September 30). 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, 2006-2007

Commodity	Tennessee		United States	
	2006	2007	2006	2007
	Million Dollars			
Soybeans & Products	114.0	74.5	8,244.3	11,027.2
Tobacco, Unmanufactured	63.4	55.5	1,058.4	1,143.9
Cotton & Linters	290.6	131.5	4,677.9	4,305.3
Cottonseed & Products	5.8	3.8	97.0	123.7
Wheat & Products	80.0	86.2	6,140.8	8,457.7
Feed Grains & Products	48.6	70.5	8,594.1	11,847.7
Live Animals & Meat, Excluding Poultry	51.7	56.2	5,832.2	6,787.0
Fats, Oils, & Greases	0.6	1.4	477.8	749.1
Poultry & Products	46.3	57.7	2,966.9	3,776.9
Hides & Skins	1.1	1.4	1,978.2	2,159.3
Vegetables & Preparations	7.9	8.1	3,908.6	4,296.7
Dairy Products	3.4	4.4	1,820.2	2,518.0
Fruits & Preparations ¹	0.5	0.0	4,580.3	5,026.3
Feeds & Fodders	37.7	24.1	2,493.2	2,886.1
Seeds	6.5	8.2	870.7	936.3
Other ^{2,3}	168.6	186.7	10,005.8	11,033.5
All Commodities ⁴	926.7	770.2	68,592.7	81,947.1

¹ Apples, apple juice, and apple products, as well as other misc. fruits assumed to equal the previous year; current year production data is not released until July or later. ² Includes sugar and tropical products, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine and misc. vegetable products. ³ U.S. "Other" also includes rice, sunflower seed and oil, peanuts and products, and tree nuts.

⁴ Totals may not add due to rounding.

Source: *Foreign Agricultural Trade of the U.S.*, USDA, ERS, July 2008.

Weather

First and Last Freeze Dates, Tennessee

District/Station	First Freeze Dates ¹	Last Freeze Dates ¹	Freeze Free Days ²
	50%	50%	50%
West Tennessee			
Bolivar Waterworks	10/25	4/05	202
Brownsville	11/03	4/02	214
Covington 1 W	11/06	3/29	221
Dresden	10/23	4/08	197
Dyersburg AP	11/05	3/29	220
Jackson Exp. Stn.	10/27	4/06	202
Jackson McKellar-Spes AP	10/28	4/06	205
Martin Univ. of Tenn. BRA	10/23	4/08	197
Memphis Intl. AP	11/13	3/22	235
Milan Exp. Stn.	10/19	4/09	192
Paris 2 SE	10/26	4/10	198
Samburg Wildlife Refuge	10/24	4/07	200
Union City	10/23	4/05	201
Middle Tennessee			
Clarksville Sewage Plant	10/20	4/14	189
Columbia 3 WNW	10/19	4/12	189
Dickson	10/21	4/12	191
Dover 1 W	10/18	4/13	187
Franklin Sewage Plant	10/18	4/15	186
Lewisburg Exp. Stn.	10/18	4/16	184
Murfreesboro 5 N	10/22	4/13	192
Nashville Intl. AP	10/28	4/06	204
Savannah 6 SW	10/25	4/09	199
Shelbyville Water Dept.	10/21	4/13	190
Springfield Exp. Stn.	10/19	4/14	187
Waynesboro	10/13	4/21	175
Cumberland Plateau			
Allardt	10/16	4/17	181
Celina	10/18	4/18	183
Crossville AP	10/19	4/13	188
McMinnville	10/22	4/13	191
Monteagle	10/25	4/08	199
Tullahoma	10/23	4/11	194
East Tennessee			
Bristol Tri City AP	10/20	4/18	184
Chattanooga AP	11/04	4/01	217
Copperhill	10/15	4/24	173
Gatlinburg 2 SW	10/18	4/26	174
Greeneville Exp. Stn.	10/14	4/26	171
Kingsport	10/24	4/13	193
Knoxville Exp. Stn.	10/22	4/16	189
Lenoir City	10/27	4/10	200
Newport 1 NW	10/22	4/18	186
Oak Ridge ATDD	10/23	4/13	192
Rogersville 1 NE	10/17	4/17	182

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. ² Probability of 50% that the number of freeze free days would be longer than indicated.

Source: Freeze/Frost Occurrence Data, May 2005, National Climatic Data Center.

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:			
Burley	May 5 - June 20	Aug. 25 - Sep. 15	20,30,40,50,60
Dark Fired-Cured	May 5 - June 20	Aug. 25 - Sep. 15	20,30,40
Dark Air-Cured	May 5 - June 20	Aug. 25 - Sep. 15	20,30,40
Vegetable Crops:			
Fresh Market			
Tomatoes	Apr. 10 - June 10	June 19 - Sep. 7	10,50,60
Snap Beans	Apr. 10 - June 20	June 10 - Aug. 20	Cumberland Plateau
Squash	May 1 - June 15	June 15 - Jul. 31	50,60
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 40 for District boundaries.

Normal Monthly Precipitation Totals, Tennessee, 1971-2000

Location	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Inches													
West Tennessee													
Ames	4.63	4.32	5.83	5.51	5.68	4.71	4.38	2.86	3.89	3.67	5.23	5.36	56.07
Covington	4.21	4.27	5.41	5.34	5.22	4.20	4.13	2.75	3.62	3.26	5.28	5.61	53.30
Dyersburg	3.79	4.19	4.69	4.81	4.74	4.49	4.22	2.95	3.02	3.45	4.87	5.14	50.36
Jackson Airport	4.33	4.25	5.13	5.11	5.64	5.19	4.74	2.88	3.76	3.32	5.07	5.36	54.78
Jackson Exp Stn	4.32	4.17	5.39	4.79	5.78	4.99	4.74	2.92	3.91	3.39	5.11	5.35	54.86
Martin	3.76	4.31	4.93	5.13	5.23	4.50	4.80	3.11	3.61	3.59	4.98	5.18	53.13
Memphis Airport	4.24	4.31	5.58	5.79	5.15	4.30	4.22	3.00	3.31	3.31	5.76	5.68	54.65
Milan	4.31	4.31	5.16	4.82	5.49	4.51	4.65	3.03	4.24	3.33	4.89	5.64	54.38
Paris	4.23	4.40	5.31	4.73	5.02	4.58	4.51	3.76	3.90	3.35	4.86	5.03	53.68
Union City	3.71	4.05	4.94	4.86	5.08	4.80	4.17	3.19	3.25	3.81	4.98	4.97	51.81
Middle Tennessee													
Columbia	4.66	4.35	6.25	4.85	5.57	4.14	5.03	3.48	3.94	3.55	4.85	5.46	56.13
Lewisburg	4.97	4.07	6.32	4.51	5.33	4.43	4.58	3.12	4.50	3.79	5.15	5.38	56.15
Nashville	3.97	3.69	4.87	3.93	5.07	4.08	3.77	3.28	3.59	2.87	4.45	4.54	48.11
Springfield	4.04	3.96	5.12	4.25	5.53	4.51	4.17	3.19	3.70	3.36	4.43	4.89	51.15
East Tennessee													
Bristol	3.52	3.40	3.91	3.23	4.32	3.89	4.21	3.00	3.08	2.30	3.08	3.39	41.33
Chattanooga	5.40	4.85	6.19	4.23	4.28	3.99	4.73	3.59	4.31	3.26	4.88	4.81	54.52
Crossville Airport	5.15	4.33	6.07	4.60	5.48	4.73	5.13	4.07	3.91	3.24	5.23	5.16	57.10
Crossville Exp Stn	5.78	4.79	6.37	4.78	5.87	4.81	5.04	3.81	3.84	3.71	5.29	6.20	60.29
Greeneville	3.53	3.48	4.31	3.72	4.47	4.22	4.73	3.80	3.25	2.35	3.00	3.42	44.28
Knoxville Airport	4.57	4.01	5.17	3.99	4.68	4.04	4.71	2.89	3.04	2.65	3.98	4.49	48.22
Knoxville Exp Stn	5.30	4.43	5.66	4.22	4.98	4.49	4.91	3.52	3.25	3.05	4.43	5.09	53.33

Source: Southern Regional Climate Center/ Louisiana State University, Baton Rouge, Louisiana.

State Agricultural & Forestry Organizations

4-H Club, Tenn.

205 Morgan Hall, 2621 Morgan Circle
Knoxville, TN 37996-4510
Ph: 865-974-7434 Fax: 865-974-1628
www.utextension.utk.edu/4H

4-H Foundation, Inc., Tenn.

205 Morgan Hall, 2621 Morgan Circle
Knoxville, TN 37901-4510
Ph: 865-974-7436 Fax: 865-974-1628
www.4hfoundation.tennessee.edu

Ag-In-The-Classroom Foundation

PO Box 313
Columbia, TN 38402-0313
Ph: 931-388-7872 Fax: 931-388-5815
tnfarmbureau.org/index.asp?view=AgInTheClassroom

Agricenter International

7777 Walnut Grove Rd.
Memphis, TN 38120
Ph: 901-757-7777 Fax: 901-757-7783
www.agricenter.org

Agricultural Museum Assn, Oscar L Farris

Ellington Agricultural Center
PO Box 40627, Nashville, TN 37204
Ph: 615-837-5197
www.tnagmuseum.org

Agricultural Production Association, Tenn.

7633 Breckenridge Lane
Knoxville, TN 37938-4129
Ph: 865-925-4448 Fax: 865-925-4439
<http://bioenr.ag.utk.edu/tapa>

Austin Peay State University Department of Agriculture

Sundquist Science Complex, Rm D232
PO Box 4607
Clarksville, TN 37044
Ph: 931-221-7272 Fax: 931-221-6385
www.apsu.edu/agriculture

Beef Industry Council, Tenn.

128 Holiday Court, Ste. 113
Franklin, TN 37067
Ph: 615-790-3947 Fax: 615-791-4822
www.beefup.org

Beekeepers Association, Tenn.

7741 Dyer Road
Luttrell, TN 37779
Ph: 865-688-3294
www.tnbeekeepers.org

Boll Weevil Eradication Foundation, Inc., Tenn.

Ellington Agricultural Center
PO Box 40627
Nashville, TN 37204
Ph: 615-837-5136 Fax: 615-837-5025
www.tn.gov/agriculture/general/bollweevil.html

Burley Stabilization Corporation

PO Box 6447
Knoxville, TN 37914
Ph: 865-525-9381 Fax: 865-525-8383
www.burleystabilization.com

Cattlemen's Association, Tenn.

610 W. College St., Ste. 204
Murfreesboro, TN 37130
Ph: 615-896-2333 Fax: 615-896-0244
www.tncattle.org

Conservation Districts, Tenn. Assn. of

1105 E Jackson Blvd, Ste. 3
Jonesborough, TN 37659
Ph: 423-753-2192, Ext. 3 Fax: 423-753-9356
www.tnacd.org

Cooperative, Tennessee Farmers

PO Box 3003, 200 Waldron Rd.
LaVergne, TN 37086
Ph: 615-793-8011 Fax: 615-793-8404
www.ourcoop.com

Cooperatives, Tenn. Council of

9012 Carondelet Place
Brentwood, TN 37027
Ph: 615-377-4979 Fax: 615-287-8859
www.tennesseeCouncilofCoops.org

Cotton Council, National

PO Box 820285
Memphis, TN 38182-0285
Ph: 901-274-9030 Fax: 901-725-0510
www.cotton.org

Cotton Ginners Assn., Southern

874 Cotton Gin Place
Memphis, TN 38106
Ph: 901-947-3104 Fax: 901-947-3103
www.southernCottonGinners.org

Dairy Association of Tenn., American

9201 Bunsen Pkwy, Ste. 100
Louisville, KY 40220
Ph: 502-495-7760 Fax: 502-495-7764
www.southeastdairy.org or www.got-milk.com

State Agricultural & Forestry Organizations

Dairy Products Association, Tenn.

PO Box 310
Athens, TN 37371-0310
Ph: 423-745-2151 Fax: 423-745-9118
mmiles@edge.net

Egg & Poultry Association, Tenn.

PO Box 10194
Murfreesboro, TN 37129
Ph/Fax: 615-890-3770
www.tnpoultry.org

Emu Association, Tenn.

PO Box 9
Hickman, TN 38567
Ph: 615-286-2509
www.tn-emu.org

Fairs, Tennessee Association of

123 Clark Mill Rd.
Fayetteville, TN 37334
Ph: 931-438-7242
www.tennesseefairs.com

Farm & Forest Families of Tenn., The

147 Bear Creek Pike
Columbia, TN 38401
Ph: 931-388-7872 Fax: 931-381-5818
www.picktnproducts.org/tffft

Farm Bureau Federation, Tenn.

PO Box 313
Columbia, TN 38402-0313
Ph: 931-388-7872 Fax: 931-381-3540
www.tnfarmbureau.org

Farm Credit Services of Mid-America

813 South Church St.
Murfreesboro, TN 37130-0609
Ph: 615-893-7631 Fax: 615-893-4522
www.farmcredit.com

Farm Winegrowers Association, Tenn.

501 Marshall Street
Sevierville, TN 37862
Ph: 865-654-7910
www.tennesseewines.com

Feed & Grain Association, Tenn.

PO Box 901
Guntersville, AL 35976
Ph: 256-582-5245
www.tnfeedandgrain.org

FFA Alumni Association, Tenn.

PO Box 720
White House, TN 37188
Ph: 615-419-9950 Fax: 615-384-3321
www.tnffa.org

FFA Foundation, Inc., Tenn.

Box 5165, TN Tech University
Cookeville, TN 38505-0001
Ph: 931-372-6050 Fax: 931-372-6051
www.tnffa.org

FFA, Tennessee Association of

4th Floor, Andrew Johnson Tower
710 James Robertson Parkway
Nashville, TN 37243-0383
Ph: 615-532-2847 Fax: 615-532-8226
www.tnffa.org

Forage & Grassland Council, Tenn.

PO Box 3003
LaVergne, TN 37086
Ph: 615-793-8475 Fax: 615-793-8380
asparkman@ourcoop.com

Forestry Association, Tenn.

PO Box 290693
Nashville, TN 37229
Ph/Fax: 615-883-3832
www.tnforestry.com

Forestry Commission, Tenn.

PO Box 40627
Nashville, TN 37204
Ph: 615-837-5520 Fax: 615-837-5003
www.tn.gov/agriculture/forestry/forestrycommission.html

Fruit & Vegetable Growers Association, Tenn.

1624 George Whittaker Lane
Knoxville, TN 37931
Ph: 865-691-0924

Goat Producers Association., Tenn.

4453 Hwy 11E
Bluff City, TN 37618
Ph: 888-538-4279

Grocers Association, Tenn.

1838 Elm Hill Pike, Ste. 136
Nashville, TN 37210-3726
Ph: 615-889-0136 Fax: 615-889-2877
www.tngrocer.org

State Agricultural & Forestry Organizations

Hardwood Lumber Assn., National

6830 Raleigh/LaGrange Rd.
Memphis, TN 38134-0518
Ph: 901-377-1818 Fax: 901-382-6419
www.natlhardwood.org

Horse Council, Tenn.

610 West College St., Ste. 202
Murfreesboro, TN 37130
Ph: 615-217-3113 Fax: 615-217-3118

Livestock Marketing Association, Tenn.

PO Box 322
Kingsport, TN 37662
Ph: 423-378-3254 Fax: 423-378-9412
www.lmaweb.com

MTSU School of Agribusiness & Agriscience

PO Box 5
Murfreesboro, TN 37132
Ph: 615-898-2523
<http://deptabas.web.mtsu.edu>

No-till Farmers Assn., West Tenn.

1112 Armstrong Blvd.
Union City, TN 38261
Ph: 731-885-7710 Fax: 731-885-0167
jkbacon@yahoo.com

Nursery Association, Middle Tenn.

PO Box 822
McMinnville, TN 37111
Ph: 931-507-7322 Fax: 931-507-9601
www.mtna.com

Nursery & Landscape Association, Inc., Tenn.

PO Box 57, 115 Lyon St.
McMinnville, TN 37111
Ph: 931-473-3951 Fax: 931-473-5883
www.tnla.com

Oil Marketers Association, Tenn.

PO Box 101334
Nashville, TN 37224
Ph: 615-242-4377 Fax: 615-254-8117
www.toma.org

Pest Control Association, Tenn.

415 Deerfield Circle
Manchester, TN 37355
Ph/Fax: 615-728-9515

Pork Producers Association, Tenn.

13994 Versailles Road
Rockvale, TN 37153
Ph/Fax: 615-274-6533
tnpork@nash.td.net

Ratite Association, Tenn.

2101 W. Division St.
Mt. Juliet, TN 37122
Ph: 615-798-9836
mjwillocreek@hotmail.com

Soybean Promotion Board, Tenn.

199 Carriage House Dr.
Jackson, TN 38305
Ph: 731-668-2850 Fax: 731-668-2772
pwells@usit.net

Specialty Foods Association, Tenn.

PO Box 604
Oliver Springs, TN 37840
Ph: 931-294-5906
<http://tsfagourmet.com>

Tenn Tech Univ College of Agricultural and Human Sciences

PO Box 5165
Cookeville, TN 38505
Ph: 931-372-3149 Fax: 931-372-3150
www.tntech.edu/aghec

Tenn. Tech. Univ. School of Agriculture

PO Box 5034
Cookeville, TN 38505
Ph: 931-372-3019 Fax: 931-372-3899
www.tntech.edu/agriculture

Tenn. State Univ. School of Agriculture & Consumer Sciences

3500 John A. Merritt Blvd.
Nashville, TN 37209-1561
Ph: 615-963-7620 Fax: 615-963-5888
www.agfac.tnstate.edu

Tenn. State Univ. Cooperative Extension Service

3500 John A. Merritt Blvd.
Nashville, TN 37209-1561
Ph: 615-963-1351 Fax: 615-963-5833
www.tnstate.edu/cep/

USDA Farm Service Agency

801 Broadway, 579 U.S. Courthouse
Nashville, TN 37203-3816
Ph: 615-277-2600 Fax: 615-277-2659
www.fsa.usda.gov/tn

State Agricultural & Forestry Organizations

USDA Natural Resources Conservation Svc.

801 Broadway, 675 U.S. Courthouse
Nashville, TN 37203
Ph: 615-277-2531 Fax: 615-277-2577
www.tn.nrcs.usda.gov

USDA Rural Development

3322 West End Avenue, Ste. 300
Nashville, TN 37203-6835
Ph: 615-783-1300 Fax: 615-783-1301
www.rurdev.usda.gov

USDA National Ag Statistics Service, Tennessee Field Office

Ellington Agricultural Center
PO Box 41505
Nashville, TN 37204-1505
Ph: 615-781-5300 or 800-626-0987
Fax: 615-781-5303
www.nass.usda.gov/tn

UT Center for Profitable Agriculture

PO Box 1819
Spring Hill, TN 37174
Ph: 931-486-2777 Fax: 931-486-0141
<http://cpa.utk.edu>

UT College of Agricultural Sciences & Natural Resources

2621 Morgan Circle, 125 Morgan Hall
Knoxville, TN 37996-4500
Ph: 865-974-7303 Fax: 865-974-9329
<http://casnr.tennessee.edu>

UT College of Veterinary Medicine

2407 River Drive
Knoxville, TN 37996
Ph: 865-974-8387 Fax: 865-974-4773
www.vet.utk.edu

UT Agricultural Experiment Station

103 Morgan Hall
Knoxville, TN 37996-4506
Ph: 865-974-7121 Fax: 865-974-6479
<http://taes.tennessee.edu>

UT Extension

121 Morgan Hall
Knoxville, TN 37996-4530
Ph: 865-974-7114 Fax: 865-974-1068
www.utextension.utk.edu

UT Institute of Agriculture

101 Morgan Hall
Knoxville, TN 37996-4505
Ph: 865-974-7342 Fax: 865-974-8781
www.agriculture.utk.edu

UT Martin College of Agriculture and Applied Sciences

250 Brehm Hall
Martin, TN 38238
Ph: (731) 881-7250 Fax: 731-881-7948
www.utm.edu/departments/caas

UT Martin Dept. of Agriculture & Natural Resources

256 Brehm Hall
Martin, TN 38238
Ph: 731-881-7262 Fax: 731-881-7968
www.utm.edu/departments/caas/anr

Urban Forestry Council, Tenn.

6820 Cloudland Drive
Nashville, TN 37205
Ph: 615-352-8985
www.tufc.com

Viticulture & Oenological Society, Tenn.

10784 Hillsboro Hwy
Hillsboro, TN 37342-3449
Ph: 931-596-2958
www.tvos.org

Walking Horse Breeders & Exhibitors Assn, Tenn.

PO Box 286
Lewisburg, TN 37091
Ph: 931-359-1574 Fax: 931-359-2539
www.twhbea.com

Walking Horse National Celebration, Tenn.

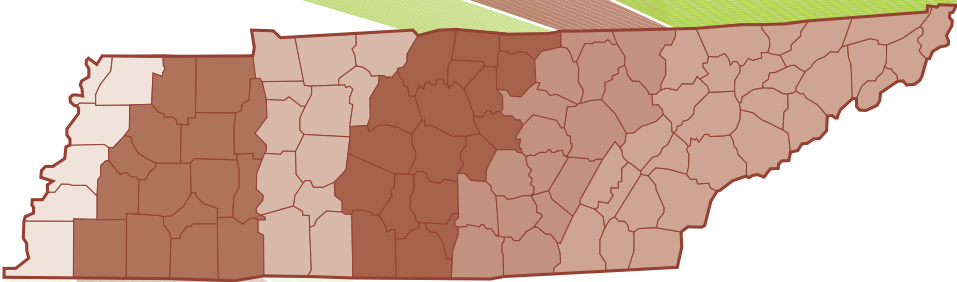
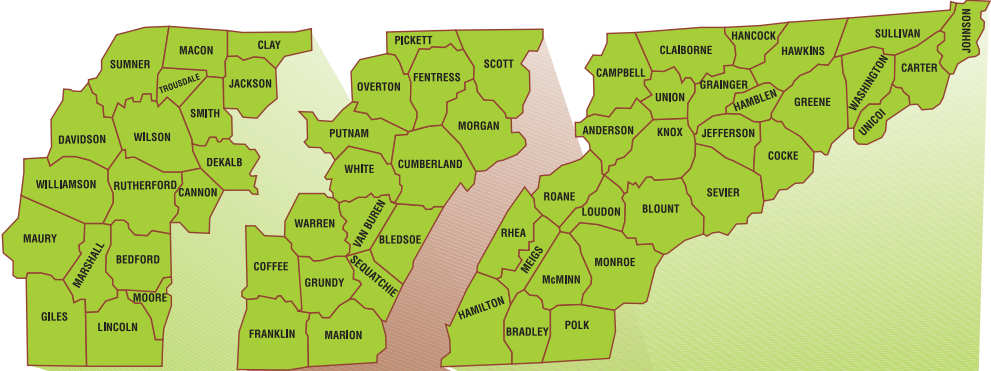
PO Box 1010
Shelbyville, TN 37162
Ph: 931-684-5915 Fax: 931-684-5949
www.twhnc.com

Tennessee Agricultural Statistics Districts

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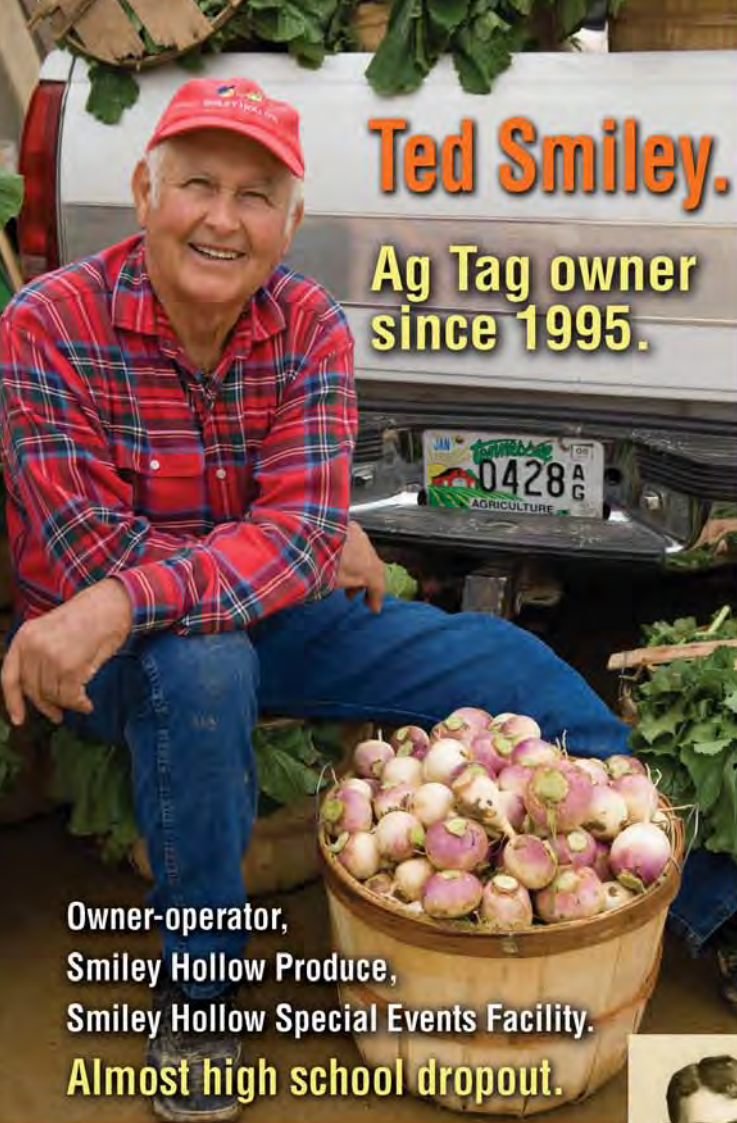
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Ted Smiley.

Ag Tag owner since 1995.

**Owner-operator,
Smiley Hollow Produce,
Smiley Hollow Special Events Facility.
Almost high school dropout.**

"I had a little trouble my freshman year of high school and decided I'd just drop out.

I'd been home about a week when my FFA advisor showed up at our farm. I can still show you the spot behind the old house where he dragged me out of our hog pen and told me I was coming back to school.

He spent a lot of time with me after that; the other boys teased me about being his "project", but I did graduate.

I like to think that what I learned in vocational agriculture and in FFA made it possible for me to keep this farm in the family all these years, and for my children and grandchildren to farm with me and build these farm businesses. Everything we've been able to do with this place is because of what my FFA advisor first did for me.

That's why I keep Ag Tags on my vehicles. I know the money I spend goes back to farm youth organizations like FFA. I want to be sure that, just in case there's somebody else out there like me, there's somebody out there like my FFA advisor to make a difference in that child's life."



Greenbrier High School Senior
Ted Smiley, 1954



Greenbrier High School FFA Advisor
James R. Whitlow, 1954

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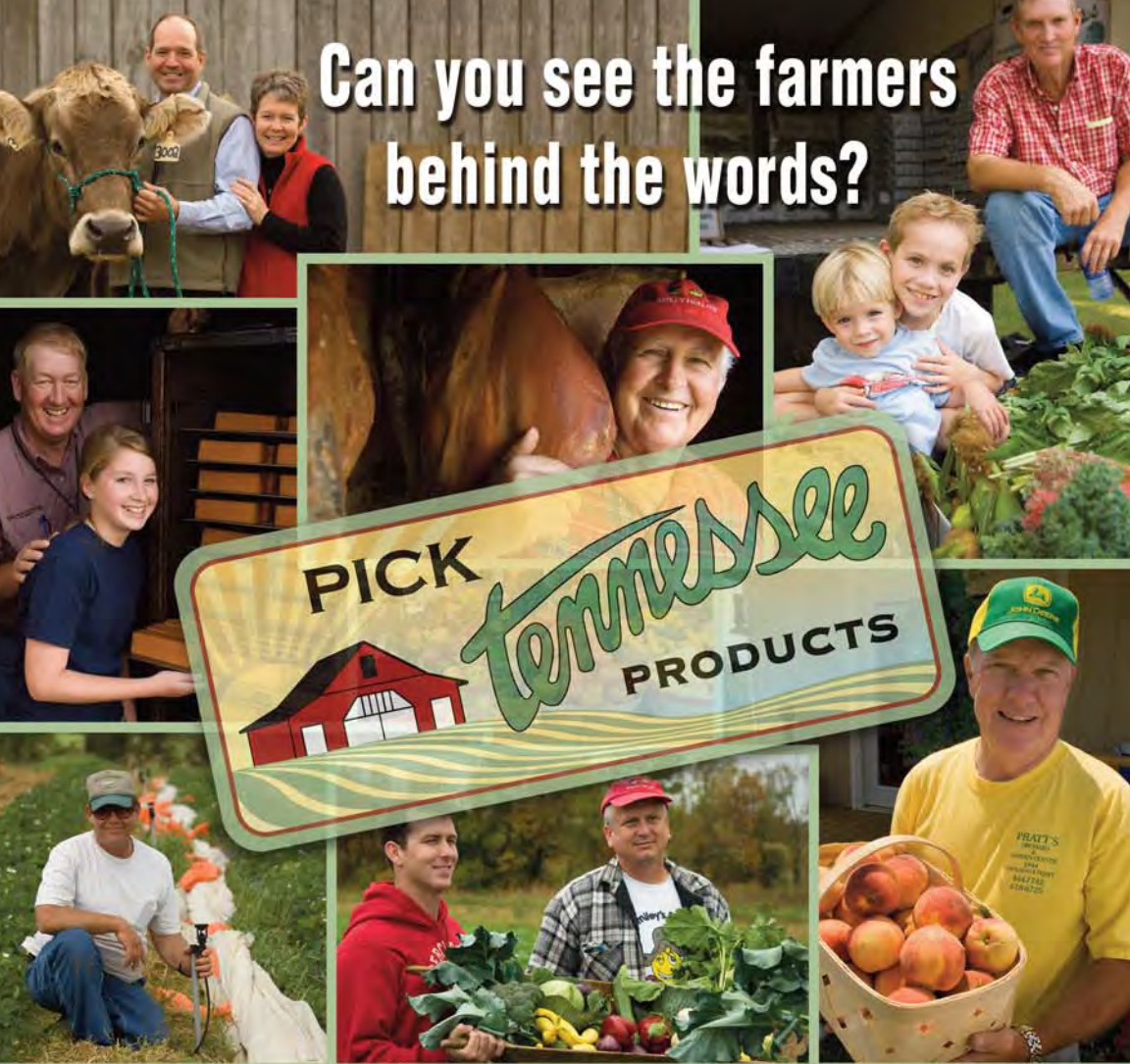
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Every Animal Friendly license plate sale contributes more than \$15 to fund spay/neuter grants. The grants help reduce the number of unwanted animals, therefore reducing the cases of animal cruelty, starvation and lowering the instances of disease. In 2007, more than 4,300 animals benefitted from Animal Friendly license plate grant services.



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*Tennessee Department of Agriculture
Ellington Agricultural Center
P.O. Box 40627
Nashville, Tennessee 37204
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