

Tennessee Agriculture 2009

*The Changing
Faces of
Agriculture*



Say Cheese: Jim and Gayle Tanner of Bonnie Blue Farm proudly display products in their new cheese cave. TDA is helping farmers, like the Tanners, realize their dreams all across Tennessee.



Tennessee Department of Agriculture
Ellington Agricultural Center
P.O. Box 40627
Nashville, Tennessee 37204
TN.gov/agriculture
nass.usda.gov/tn
picktnproducts.org



Department Report & Statistical Summary

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Tennessee Department of Agriculture

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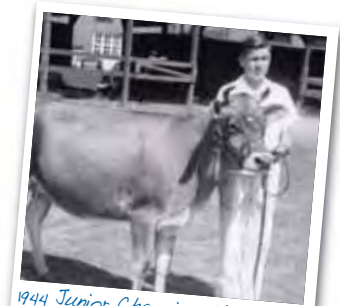
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The Changing Faces of Agriculture



1944 Junior Champion, Murray Miles Jr. proudly shows a Jersey heifer in Rutherford County.



Markets for fiber crops, like kenaf, are being explored by Memphis Bioworks and TDA.



Tennessee Forestry Training Camp 1952 Tree Planting - reforestation.

Tom Womack, Project Manager, TDA
Casey Mahoney, Project Manager, TDA
Cover photo by
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Selected text photographs courtesy of Photographic Services,
Tennessee Department of General Services



Governor Phil Bredesen

The past year has been challenging in agriculture just as it has been for other sectors of our economy.

As difficult as it has been, I'm as optimistic about the future of farming in our state as I have ever been. Through the Tennessee Agricultural Enhancement Program, farmers have chosen in overwhelming numbers to re-invest in their operations with an eye on the future.

Since the program's inception and with the support of the Tennessee General Assembly, we've been able to help nearly 11,000 Tennessee farmers invest in superior livestock, new technology, equipment and better management practices that will help increase farm income in the future.

On one hand, ensuring a future for Tennessee farmers and forest landowners requires smart investment. On the other, it requires better land-use planning and management on the part of communities working with local landowners and developers.

I am proud to have joined with members of the Tennessee Tobacco Farmers Certifying Board this year in announcing the donation of more than \$165,700 to The Land Trust for Tennessee to help protect working farms from development. Not only do profitable, viable farms help stimulate our rural economy but they also add to the beauty of our landscape, provide balance in our communities and improve our quality of life.

The donation follows the first statewide conference on farmland preservation held in 2008 and a multi-year partnership between the Department of Agriculture and The Land Trust to provide farm owners with options for the future.

These initiatives and others undertaken by the Department of Agriculture in concert with our partners, I'm convinced, will help secure a brighter future for farmers, forest landowners and all Tennesseans.

Sincerely,

Phil Bredesen



Helping to preserve working farms in Tennessee. (Land Trust for Tennessee Executive Director Jean C. Nelson, Governor Phil Bredesen and Commissioner Ken Givens)



Telling the story of agriculture at Ag Day on the Hill 2009. (Commissioner Ken Givens, Milking Champion State Rep. Dale Ford and state Rep. Joe Towns, Jr.)



Commissioner Ken Givens

We have a great story to tell in agriculture!

While it's easy to get discouraged in the face of what seems to be negative news at every turn, we have many wonderful things happening on Tennessee farms across the state.

Take the Tanners, for example. Our cover story is about having a dream and making it happen. Jim and Gayle left a fast-paced life in California and settled in Wayne County. Today they're one of three licensed goat dairies in the state. They produce some of the country's best gourmet cheeses sold fresh at farmers markets and served in fine restaurants.

Whether carrying on a family tradition or farming for the first time, carving out a future in new and innovative ways is being replicated on farms throughout Tennessee thanks in part to the Tennessee Agricultural Enhancement Program.

Since 2005, the department has invested nearly \$58 million helping farmers like the Tanners expand or improve their operation in order to be more profitable. And, for every TAEP dollar invested, \$4 to \$5 is generated in additional economic activity.

From headgates, squeeze chutes and better cattle genetics, to hay barns, grain bins and organics, we're helping thousands of Tennesseans reach their dream and to secure their future in farming.

The investments we're making through TAEP are complemented by the work that continues everyday in our marketing, regulatory, water quality and forestry programs. From soil and water conservation, forest fire protection and school lunches to animal health, pesticide safety and food safety, we continue to provide important services to all Tennesseans.

I hope you'll take time to read more about how we're serving you. You'll also find 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

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Cattle grazing on a Tennessee farm. Cattle and calves continue to be Tennessee's top farm commodity.

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

Tennessee Department of Agriculture



The Changing Faces of Agriculture

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 2009, cotton growers voted overwhelmingly to continue boll weevil monitoring following the successful completion of the active phase of the eradication program. Additionally, all debt associated with the program – more than \$39 million – was retired a full five years ahead of schedule, making the program 100 percent grower funded.

Despite various setbacks, the program has contributed to a string of record cotton yields since its inception. According to the USDA-NASS, an average of 909 pounds of cotton per acre was harvested in 2008, the second highest yield on record. In 2007, cotton was the state's top crop generating more than \$307.5 million in farm income.

While favorable weather and improved varieties contributed to record yields, a major factor has been the Boll Weevil Eradication Program. The program has exceeded early expectations in delivering both economic and



Three Champs - Jr. Beef Heifer Show (1967) - Canon Price, Alston Winingham, Jerry Felts.

environmental benefits. The program has not only contributed to a 200-plus pound per acre increase in average cotton yields but also a 40 to 90 percent reduction in cotton insecticide use—a benefit to all Tennesseans.

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 2009, 43.6 million pounds of food valued at \$43 million were ordered and allocated for schools, childcare institutions and non-profit charities.

Water Resources - The state Agricultural Resources Conservation Fund helps landowners install Best Management Practices to improve water quality. In FY 2009,

Administration

Tennessee Department of Agriculture



Approximately 1,400 BMPs were funded through Soil Conservation Districts, local Resource Conservation and Development Districts and universities.

The goal of the federally-funded 319 Nonpoint Source 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 2009, the program had 27 ongoing watershed restoration projects, 13 educational projects and 13 watershed planning projects.

TDA reviews nutrient management plans associated with the federal permitting program for Concentrated Animal Feeding Operations, administered by the Tennessee Department of Environment and Conservation. A total of 366 farms have applied since the program's inception in 1999.



FFA students beam with pride at the Heritage High School Agricultural Pavilion in Blount County.

Photo by Chris Villines



Governor Phil Bredesen, state Rep. Stratton Bone and other officials help dedicate the Trousdale County Agricultural Pavilion.

Community Facilities: Boosting Ag Education and Enhancing Livestock

Community facilities designed to support youth and adult agricultural education programs and to promote better livestock management skills are cropping up across Tennessee thanks to the Tennessee Agricultural Enhancement Program.

"These multi-purpose facilities are not only meant to support 4-H and FFA activities but to encourage better animal care and marketing practices by area farmers," said state Agriculture Commissioner Ken Givens. "In three years, we've been able to help construct, expand and equip 11 facilities all across the state that will support local agricultural activities for years to come."

In 2006, the department began funding the development of local facilities, usually centered around high school agricultural education FFA and 4-H programs, where there is community support and a local government entity to oversee the project.

"By partnering with local school systems, FFA and Extension programs, they are truly community supported and help serve the needs of the greater agricultural community where they are located," added Givens.

There is a great demand for community agricultural learning facilities.

"We've had more requests than we've been able to fund, which tells us that these facilities are needed and will be put to good use," said Larry Maxwell, program coordinator and Assistant



The Changing Faces of Agriculture

Commissioner. "We've been able to partner with county governments, USDA Rural Development, local suppliers and organizations in many cases. And, that's what we're looking for—demonstrated community support so that there is pride of ownership involved."

Heritage High School in Blount County opened the doors on a new agricultural pavilion last year, complete with a 40- by 75-foot arena, with the help of a \$73,000 TAEP grant. Agricultural instructors Jon Waters and Judy Pearson described the project as a "dream come true."

"So many more of our students will have the opportunity to be involved in the livestock industry because of this facility," said Waters. "We knew we had a need here, and the kids showed the interest and really worked hard to make it a reality. With the help of the state, Foothills Farmers Cooperative, the county, and the community as a whole, it has provided for us an opportunity that a lot of places don't have."

Other features of the facility include a wash bay, meeting room, concession stand, restrooms and a dry composting bin that handles animal waste and minimizes odor. The facility will be used for adult education and farmer demonstrations as well as classroom instruction for high school students.

McEwen High School in Humphreys County opened a new multi-purpose facility in May, funded in part with a \$150,000 TAEP grant from the department. The facility will help greatly improve students' experience in animal science, livestock management and in the program's new pre-veterinary classes.

"We wanted a place to give students hands-on experience in dealing with livestock as well as a place to hold local livestock shows and adult education events," said Glenn Ross, agriculture

instructor and FFA Advisor. "We think we have the ideal facility."

The 60-by-140-foot facility features a covered, open-sided arena and an enclosed space that includes a meeting room, break area and office. "It's the best thing that has happened to the agriculture department since I have been here, without a doubt," added Ross.

With the help of TAEP funding, facilities have also opened in Dyer, Gibson, Grainger, Lauderdale, McMinn, Putnam, Trousdale and Weakley counties with others in progress or under consideration for funding.

"These projects mean a lot for the rural communities that they serve, and we hope to simply spark a vision for what agriculture can do for our kids, our farmers and our rural economy by making them happen," said Givens.

Excerpts courtesy of Tennessee Cooperator.



Governor Phil Bredesen gets up close and personal with cattle shown at the Trousdale County Agricultural Pavilion.

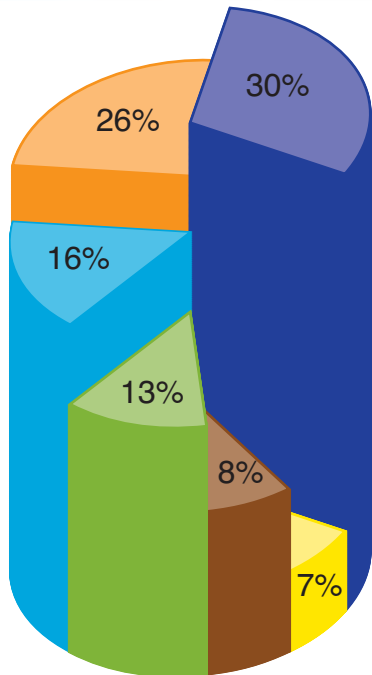
Administration

Tennessee Department of Agriculture

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 2009

TAEP Opportunity	# of Projects	\$ of Projects	% of Dollars
Livestock	1,442	\$3,381,876	30%
Equipment			
Feed Storage	270	\$ 2,932,438	26%
Grain Storage	160	\$1,789,694	16%
Hay Storage	594	\$1,492,537	13%
Cattle Genetics	949	\$926,130	8%
Producer Diversification	169	\$851,976	7%

TAEP provided cost share dollars to more than 2,300 people for more than 3,500 projects in FY 2009.

Water Resources

TAEP awarded grants to 53 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 156 landowners reforest or improve more than 7,485 acres of forestland.

In addition, 13 timber harvesting companies were assisted in purchasing stream and wet area temporary crossing structures.

TAEP provided funding to 28 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, UT Beemaster Program, and the Tennessee Quality Milk Initiative Class.

Market Development

Tennessee Department of Agriculture



Children enjoying the flowers at Oakes Daylily Farm in Knox County.

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 markets for organics, biofuels, processed foods, aquaculture, equine, viticulture, horticulture, livestock, hay, 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.

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

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.



Giles County cattle farmer James Journey proudly stands in front of his new TAEP funded feed bin.



Market Development

Tennessee Department of Agriculture



Bonnie Blue Farm owners Jim and Gayle Tanner indulge their goats with care and attention.

Bonnie Blue Farms: Finding Success in Value-Added Products

Jim and Gayle Tanner are the faces of a new era of agriculture. They are responsible for their product from beginning to when it is served. By taking the beginning product, milk, and creating a value-added product they ensure quality while increasing their profits.

The Tanners operate a goat dairy in Wayne County, Tenn. According to the American Dairy Goat Association, more people consume goat milk worldwide than any other milk, and it is growing in popularity in the U.S. Goat milk can be used to make cheese, butter, ice cream, yogurt and soap.

The Tanners use their goat milk to make award-winning farmstead fresh and aged cheeses. Their goat cheeses are sold in restaurants, natural food

stores, farmers markets across the state and in their on-farm store. This is a win-win situation because the restaurant owners and consumers are able to have a personal relationship with the farmers, they purchase a fresher product and the farmers have increased their profit share by selling directly to consumers.

The Tennessee Department of Agriculture has played a significant role in their continued success. The Tanners have participated in the Tennessee Agricultural Enhancement Program since 2006. With the assistance of



Jim and Gayle Tanner milk goats in their TDA approved milking parlor.



Jim Tanner pours fresh milk into a holding tank for processing.



The Changing Faces of Agriculture

TAEP funds, they have purchased cheese studio equipment, handling equipment for goats, marketing materials and recently constructed a cheese cave.

“Through Ag Enhancement, we were able to purchase better equipment sooner than we otherwise would have,” said Jim Tanner.

Producer Diversification is one of the cost share opportunities in which the Tanners have participated. The Producer Diversification cost share opportunity encourages agricultural producers to expand or improve their operations through the production of diversified agricultural products.

“We really have three businesses here,” said Jim Tanner. “We have a grade A dairy. We have a cheese making plant and we have an agritourism destination, so we have to invest in all three.”

Agritourism is a new venture for the Tanners. Their farm has a log cabin available for visitors year-round. Next to the cabin is the new cheese cave. The cave utilizes cool ground temperature and humidity, perfect for aging cheese, and it also serves as a unique place for people to visit. The cave has a polished quality with a custom made castle door, a knight standing guard as well as amazing stonework. No detail has been overlooked.

Last year, there were more than 29,000 commercial and hobby milk goat operations in the U.S., up six percent from the previous year. Tennessee is at the forefront of goat farming. The Tanners are just one example of farmers using mankind’s second domesticated animal, goats. Currently, Tennessee is second in the nation for meat goat production.

Agriculture in Tennessee is changing. Farmers are looking to sell directly to their

consumers through new emerging markets and the traditional farmer demographic is changing. Agriculture is becoming more diverse which helps minimize risks traditionally experienced with farming, and the Tanners are just one example of a success story.



Gayle Tanner makes her fresh chèvre logs in the cheese studio.

For Tennessee Agricultural Enhancement Program questions:

TAEP
Information Line
1-800-342-8206



www.TN.gov/agriculture/enhancement

Forestry

Tennessee Department of Agriculture



Area Forester Stephen Peairs explains how to use a Biltmore stick to a camper.

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.



Hands-on demonstration of a dozer used to fight wildfire led by District Forester John Connelly in 1952.

Tennessee Forestry Camp: Growing a Future Grounded in Tradition

What do former Tennessee Department of Agriculture Commissioner John Rose, state Agritourism marketing coordinator Pamela Bartholomew, and Tipton County's Munford High School senior Parker Graham all have in common? They each know the difference between a red oak and black oak, the importance of best management practices in protecting water quality during logging operations, how to use a Biltmore stick and how varying harvesting practices affect future forest stand conditions and benefits. They each learned all of this while attending Tennessee Forestry Camp as a representative of their county's FFA chapter.

Since 1950, Tennessee Forestry Camp has been providing a wonderful opportunity for high school students to discover and enhance their environmental conservation knowledge, skills and ethics through the leadership and instruction of camp counselors and forestry professionals. Celebrating 60 years, the



The Changing Faces of Agriculture

Tennessee Forestry Camp is one the longest running forestry camps in the nation. The camp's mission is to introduce the scientific, technical and professional aspects of the forestry natural resource profession to these young people in hopes that they will carry this knowledge forward in their careers and to their friends and family. It may even spark an interest in the profession.

"Forestry Camp fostered in me a deep appreciation for the important balance between conservation and maintaining working forests and landscapes" said Rose, a successful businessman and farmer, who served as state Agriculture Commissioner from 2002 to 2003. "I am a better advocate for sensible land use policies because of the perspectives I gained at the camp. The knowledge I gained there has served me as a landowner, farmer and as Commissioner of Agriculture."

The TDA Division of Forestry and the Tennessee Department of Education, Career and Technical Education Division are avid supporters of Forestry Camp. They provide knowledgeable instructors with extensive forest management experience, and develop leadership skills through the guidance of camp counselors, respectively. This support goes a long way in making camp fun and educational all while making it efficient to host camp at a reasonable fee. In addition to the state of Tennessee sponsors, the Tennessee Forestry Association and forest industries in the state contribute to the camp through donations and/or personnel.

The camp is held the first week of June at Fall Creek Falls State Park, and features outdoor, hands-on instruction on the core knowledge and responsibilities of the forestry profession.

Courses are taught in the field by professional foresters and include tree identification and measurement, compass and pacing, hardwood and pine silviculture, wildlife management, water quality protection, fire, insect and disease, best management practices, soils and a hike to Fall Creek Falls. A forestry conclave (think timber sports) is held in the middle of the week and gives the campers a chance to show off their sawyering skills to distinguished guests, including some parents who make the long trek to this state gem.

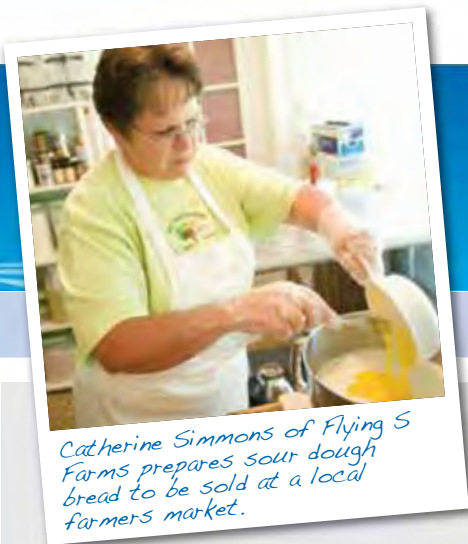
2009 camper Parker Graham said "Forestry camp was an amazing experience for me. Not only did I learn a lot, but I also made friends from all over Tennessee. The teachers were great, the kids were amazing and the memories are everlasting."



Sustainable harvesting practices are explained by Area Forester Tom Hall.

Regulatory Services

Tennessee Department of Agriculture



Catherine Simmons of Flying S Farms prepares sour dough bread to be sold at a local farmers market.

Flying S Farms: Baking the Best Through Food Safety

Farmers markets are full of many great local products to buy, including produce, flowers and other food products. At a farmers market, consumers have the opportunity to get to know their farmer, establishing relationships that may last for years.

In 2007, the Tennessee Department of Agriculture implemented new rules known as domestic kitchen rules which allow for non-potentially hazardous foods to be processed in the home kitchen and offered for commercial sale at retail establishments including farmers markets. Currently, there are 70 permitted Domestic Kitchens and more than 500 people have completed the prerequisite course. With a growing interest by consumers in knowing where

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)



The Changing Faces of Agriculture

their food comes from and how it is processed, it is important that they know it is being processed in a clean and safe environment.

“The domestic kitchen rules are really common sense,” said Catherine Simmons of Flying S Farms. “My customers can be assured that their baked goods are made in a safe, clean and pet-free environment.”

Catherine Simmons sells breads, brownies and other treats across the state in various farmers markets. She also sells produce and offers Community Supported Agriculture shares.

Just like restaurants and grocery stores, Catherine’s home kitchen is inspected. Every year, inspectors from TDA go to Catherine’s home and check for proper labeling, any signs of pets or pests and even refrigerator temperature.

The purpose of the domestic kitchen rules is to allow individuals to commercially prepare, manufacture and sell non-potentially hazardous foods that are prepared in the home while ensuring that the public’s health is protected.

“The domestic kitchen rules represent a reasonable approach to help meet the needs of a growing industry, and more importantly, they’re the result of a cooperative effort to provide for the safe preparation and commercial sale of home-based foods,” said John Sanford, TDA administrator for food manufacturing.

The domestic kitchen rules provide for the preparation of non-potentially hazardous foods only. Non-potentially hazardous foods include products such as jam, jellies, candy and baked goods. Foods are considered non-potentially hazardous if they do not consist mainly of meat, poultry, liquid eggs,



TDA inspector checks Catherine Simmons' measuring utensils.



TDA inspector looks for proper labeling and storage of ingredients.

Regulatory Services

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partially cooked egg products, fish, milk and milk products, shellfish, partially cooked bakery products or other ingredients susceptible to the rapid growth of micro-organisms when stored out of recommended temperature ranges for cold or hot foods. Other prohibited foods include low-acid canned vegetables and acidified foods such as salsa or pickled vegetables.

The rules require the licensing of domestic kitchens by the department's Regulatory Services Division, Food and Dairy Section and compliance with any other local or state business license, permit or zoning requirements. A \$50 fee is charged for the license, known as a Regulatory Services Permit. Domestic kitchens licensed by the department are subject to inspection any time commercial foods are being processed, prepared, packaged, handled or stored for distribution.

Individuals who prepare non-potentially hazardous foods solely for one-day events such as charity or non-profit fundraisers are exempt from the rules.

Domestic kitchen operators are required to successfully complete the Tennessee Food Safety Certification Course offered by the University of Tennessee Department of Food Science and Technology, or other approved courses.

"The course is very informative," said Simmons. "I remember learning about how food borne illnesses are reported and the number of people sickened each year by food. The numbers were surprising."

For a complete copy of the new domestic kitchen rules and regulations, visit TDA online at www.TN.gov/agriculture.



Catherine Simmons proudly displays her fresh bread for sale at a local farmers market.



Along with Catherine Simmons' baked goods, Flying S Farms also sells fresh vegetables to customers at the East Nashville Farmers Market.

USDA National Agriculture Statistics Service

Tennessee Field Office



Assistant Secretary of Agriculture Willlet M. Hays signs an official statistical report, in 1910, as members of the Crop Reporting Board observe.

TDA maintains a cooperative relationship with USDA's National Agricultural Statistics Service, Tennessee Field Office to provide timely, unbiased statistics including Tennessee crop acreage, yield, and production; crop progress and condition; livestock inventories; and economic information. The Tennessee Field Office also has responsibility for the five-year Census of Agriculture, which provides the most comprehensive agricultural information available.

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 number of farms in Tennessee during 2008 decreased by 500 farms to an estimated 79,000. Farmland estimated at 10.9 million acres, decreased 100,000 acres from 2007, while the average size farm remained unchanged at 138 acres. Tennessee ranked eighth in the U.S. for number of farms, following Texas, Missouri, Iowa, Oklahoma, Kentucky, California and Minnesota.



National Association of State Departments of Agriculture enumerator interviewing a greenhouse operator.

Tennessee Agriculture & Forestry



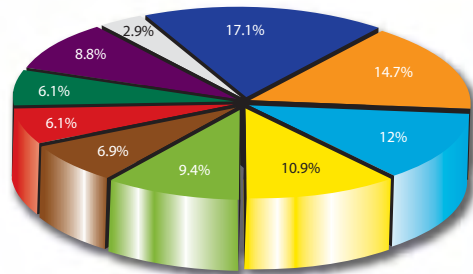
Tennessee's top 10 agricultural commodities, in terms of 2008 cash receipts, are cattle and calves, broilers, soybeans, corn, greenhouse/nursery, wheat, dairy products, cotton, hay and tobacco. Agricultural production alone, excluding forest products, now generates more than \$3 billion annually in farm 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 more than 70 percent of Tennessee farms had sales of less than \$10,000 during 2008, the state is still a major producer in the U.S. of a number of commodities. The state ranks second in meat goat numbers, third in all tobacco production, one of the top five states in production of tomatoes and snap beans and sixth in all equine. Farmland in Tennessee, at 10.9 million acres, accounts for more than 41 percent of the state's total land area. Tennessee had \$329 million in timber sales generated on farm and non-farm acres in 2008. 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 nearly \$1.4 billion in 2008.

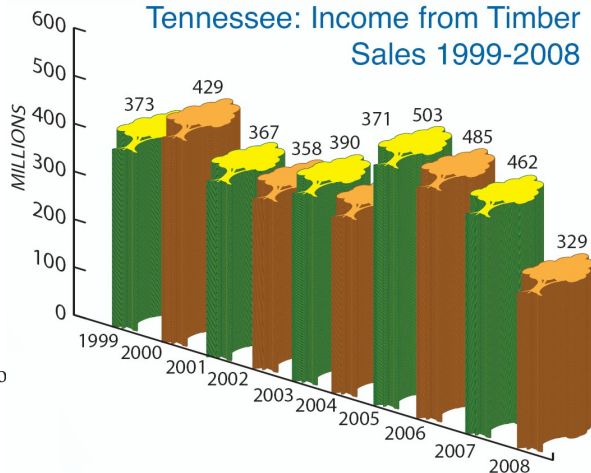
On the strength of 2008 crop commodity prices, Tennessee reached a record high cash receipts total of \$3.1 billion. This year marked a milestone for crops cash receipts, which totaled \$1.8 billion. The year 2007 marked the record for livestock cash receipts at \$1.5 billion.

Cash Receipts, 2008

Cattle	17.1%
Broilers	14.7%
Soybeans	12%
Corn	10.9%
Greenhouse/Nursery	9.4%
Wheat	6.9%
Dairy	6.1%
Cotton	6.1%
Other Crops	8.8%
Other Livestock	2.9%



Tennessee: Income from Timber Sales 1999-2008



State Summary

Farms, Land in Farms & Value

Number of Farms: Economic Sales Class, Tennessee, 2003-2008¹

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						
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	79,500	55,800	19,800	1,650	950	1,300
2008	79,000	55,900	19,100	1,650	950	1,400

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, 2003-2008¹

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	1,000 Acres				
2003	11,500	132	4,600	3,600	950	950	1,400
2004	11,500	135	4,700	3,500	950	950	1,400
2005	11,200	135	4,300	3,500	930	970	1,500
2006	11,100	137	4,200	3,500	920	980	1,500
2007	11,000	138	3,650	3,900	900	800	1,750
2008	10,900	138	3,750	3,700	900	800	1,750

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, 2004-2009

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					
2004	2,470	2,390	67.00	2,400	19.00
2005	2,790	2,590	67.00	3,150	18.00
2006	2,970	2,820	67.00	3,400	19.00
2007	3,250	3,200	67.00	3,680	20.00
2008	3,450	3,400	68.50	3,880	22.00
2009	3,300	3,270	68.50	3,650	22.00

¹ Includes land and buildings.

State Summary

Cash Receipts

Financial Indicators

Leading Commodities for Cash Receipts, Tennessee, 2007-2008¹

R A N K	2007			2008		
	Item	Value of Receipts	% of Total	Item	Value of Receipts	% of Total
		\$1,000			\$1,000	
	All Commodities	2,942,779	100.0	All Commodities	3,116,047	100.0
	Livestock & Products	1,453,489	49.4	Livestock & Products	1,335,793	42.9
	Crops	1,489,290	50.6	Crops	1,780,254	57.1
1	Cattle & Calves	622,095	21.1	Cattle & Calves	534,093	17.1
2	Broilers	451,543	15.3	Broilers	458,325	14.7
3	Cotton	374,434	12.7	Soybeans	373,345	12.0
4	Greenhouse/Nursery ²	291,689	9.9	Corn	340,286	10.9
5	Corn	245,938	8.4	Greenhouse/Nursery ²	291,689	9.4
6	Soybeans	210,750	7.2	Wheat	214,463	6.9
7	Dairy Products	201,985	6.9	Dairy Products	190,688	6.1
8	Tobacco	80,782	2.7	Cotton	189,826	6.1
9	Hay	74,838	2.5	Hay	110,623	3.6
10	Hogs	58,974	2.0	Tobacco	100,257	3.2
11	Wheat	54,425	1.8	Eggs	42,815	1.4
12	Eggs	46,602	1.6	Hogs	39,848	1.3
13	Tomatoes	39,406	1.3	Tomatoes	38,080	1.2
14	Snap Beans	14,144	0.5	Snap Beans	12,444	0.4
15	Grain Sorghum	4,105	0.1	Grain Sorghum	7,116	0.2
16	Sheep & Lambs	1,492	0.1	Peaches	2,528	0.1
17	Apples	1,475	0.1	Sheep & Lambs	1,709	0.1
18	Squash	1,376	0.0	Farm Chickens	1,649	0.1
19	Farm Chickens	1,054	0.0	Apples	1,423	0.0
20	Honey	905	0.0	Squash	1,356	0.0

¹ All data subject to revision the following year. ² Includes commercial floriculture. Estimates brought forward from 2007. No Nursery or Floriculture survey conducted in 2008.

Source: Economic Research Service, U.S. Department of Agriculture, August 2009.

Farm Income and Value Added Data: Tennessee, 2006-2008

Item ¹	2006	2007	2008
		\$1,000	
Value of Crop Production	1,400,326	1,177,403	1,955,375
+ Value of Livestock Production	1,273,848	1,305,778	1,268,632
+ Revenues from Services and Forestry	790,525	828,609	852,201
= Value of Agricultural Sector Production	3,464,699	3,311,790	4,076,208
- Purchased Inputs	1,907,740	2,177,798	2,345,489
Farm origin	571,547	694,558	759,989
Manufactured inputs	528,730	604,782	694,056
Other purchased inputs	807,463	878,458	891,444
+ Net Government Transactions	179,302	150,879	35,867
+ Direct Government payments	326,264	306,744	224,572
- Motor vehicle registration & licensing fees	13,674	18,981	12,318
- Property taxes	133,288	136,884	176,387
= Gross Value Added	1,736,261	1,284,871	1,766,586
- Capital Consumption	685,567	703,114	742,097
= Net Value Added	1,050,694	581,757	1,024,489
- Payments to Stakeholders	390,061	418,782	403,415
Employee Compensation (Hired Labor)	192,315	228,614	218,900
Net Rent Rec'd by Nonoperator Landlords	-22,041	-38,363	-35,160
Real Estate and Nonreal Estate Interest	219,787	228,531	219,675
= Net Farm Income	660,633	162,975	621,074

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 2009.

State Summary

Tennessee's Rank in U.S. Agriculture, 2008

Item	Unit	Tennessee		Leading State		United States
		Rank	Production	State	Production	
			1,000		1,000	1,000
General						
Farm Numbers	no.	8	79	Texas	248	2,200,000
Land in Farms	acres	27	10,900	Texas	130,400	919,900
Average Size of Farm ¹	acres	44	138	Wyoming	2,736	418
Crops						
Tobacco, Dark Fire-Cured	lbs.	2	23,040	Kentucky	38,150	62,190
Tobacco, Burley	lbs.	2	24,700	Kentucky	147,000	201,530
Tobacco, Dark Air-Cured	lbs.	2	4,640	Kentucky	20,700	25,340
Tobacco, All	lbs.	3	52,380	N. Carolina	390,360	800,504
Tomatoes, Fresh	cwt.	4	1,120	California	11,655	31,137
Snap Beans, Fresh	cwt.	5	366	Florida	2,936	6,209
Hay, Other	tons	6	3,885	Texas	8,600	76,052
All Cotton	bales	8	530	Texas	4,474	12,815
Cottonseed	tons	8	169	Texas	1,547.1	4,300
Sorghum, Grain	bu.	14	2,002	Kansas	214,500	472,342
Soybeans	bu.	16	49,640	Iowa	444,820	2,959,174
Corn, Grain	bu.	19	74,340	Iowa	2,188,800	12,101,238
Winter Wheat	bu.	19	32,760	Kansas	356,000	1,867,903
Apples	lbs.	28	10,000	Washington	5,800,000	9,769,300
Corn, Silage	tons	28	825	Wisconsin	15,313	111,619
Hay, Alfalfa	tons	32	60	California	6,650	69,620
Livestock						
Meat Goats ³	head	2	133	Texas	980	2,550
Equine ²	head	6	142	Texas	438	4,029
Beef Cows ³	head	9	951	Texas	5,170	31,671
Broilers	head	13	199,700	Georgia	1,409,200	9,009,100
All Cattle & Calves ³	head	15	1,980	Texas	13,600	94,491
Milk Goats ³	head	20	5,800	Wisconsin	40,000	335,000
All Hogs ⁴	head	24	205	Iowa	19,800	66,768
Milk Cows ³	head	29	59	California	1,845	9,333
Milk	lbs.	30	948	California	41,203	189,992
All Chickens ⁴	head	31	2,763	Iowa	65,429	446,072
Sheep & Lambs ³	head	31	34	Texas	870	5,747
Honey	lbs.	32	427	N. Dakota	35,100	160,861

¹ Average size of farm in actual units. ² 2007 Census of Agriculture. ³ January 1, 2009 Inventory. ⁴ December 1, 2008 Inventory.

Top Ranking Livestock and Crop Counties, Tennessee, 2008

Rank	All Cattle	Beef Cows	Milk Cows	All Tobacco	Corn
1	Greene	Greene	Greene	Robertson	Obion
2	Lincoln	Lincoln	McMinn	Macon	Weakley
3	Maury	Maury	Monroe	Cheatham	Gibson
4	Giles	Giles	Marshall	Dickson	Robertson
5	Bedford	Bedford	Loudon	Stewart	Dyer
6	Wilson	Wilson	Washington	Sumner	Henry
7	Washington	Lawrence	White	Greene	Carroll
8	Lawrence	Sumner	Coffee	Claiborne	Tipton
9	White	Washington	Polk	Clay	Haywood
10	Sumner	Rutherford	Bradley	Trousdale	Madison
11	Rutherford	White	Lawrence	Jackson	Crockett
12	McMinn	Hawkins	Warren	McMinn	Fayette
13	Warren	Warren	Lincoln	Jefferson	Lauderdale
14	Robertson	Robertson	Bedford	Hamblen	Franklin
15	Williamson	Overton	Franklin	¹	Giles

Rank	Cotton	Wheat	Soybeans	All Other Hay
1	Haywood	Gibson	Dyer	Greene
2	Crockett	Weakley	Obion	Lincoln
3	Tipton	Robertson	Gibson	Maury
4	Gibson	Haywood	Lauderdale	Giles
5	Madison	Obion	Haywood	Bedford
6	Fayette	Crockett	Tipton	Wilson
7	Lauderdale	Franklin	Weakley	Washington
8	Carroll	Lake	Fayette	Robertson
9	Dyer	Henry	Crockett	Williamson
10	Lincoln	Madison	Madison	Lawrence
11	Hardeman	Fayette	Robertson	McMinn
12	Lake	Carroll	Carroll	Rutherford
13	Henderson	Lauderdale	Hardeman	Marshall
14	Obion	Hardeman	Henry	Sumner
15	Weakley	Lawrence	Hardin	Blount

¹ County not listed to avoid disclosing individual operations.

Tennessee Summary, 2007-2008

2007 Crop	Unit	Area		Yield Per Acre	Production	
		Planted	Harvested		Total	Value
		1,000 Acres			1,000	\$1,000
Corn for Grain	bu.	860	790	106	83,740	318,212
Corn for Silage	tons	---	55	11	605	---
Cotton, Lint	lbs. ¹	515	510	565	600	160,128
Cottonseed	tons	---	---	---	203	36,540
Hay, All	tons	---	1,775	1.51	2,685	249,375
Alfalfa	tons	---	25	2.4	60	10,500
All Other	tons	---	1,750	1.5	2,625	238,875
Sorghum for Grain	bu.	18	15	82	1,230	4,780
Sorghum for Silage	tons	---	2	7	14	---
Soybeans	bu.	1,080	1,010	19	19,190	197,657
Tobacco, All	lbs.	---	19.98	1,934	38,636	75,823
Dark Fired-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	53,833
Apples ²	lbs.	---	---	---	100	40
Peaches ³	tons	---	---	---	0	0
Squash, Total	cwt.	1.1	0.9	83	75	1,376
Snap Beans, Fresh	cwt.	8.8	7.9	56	442	14,144
Tomatoes, Fresh	cwt.	4.1	3.8	305	1,159	39,406

2008 Crop	Unit	Area		Yield Per Acre	Production	
		Planted	Harvested		Total	Value
		1,000 Acres			1,000	\$1,000
Corn for Grain	bu.	690	630	118	74,340	334,530
Corn for Silage	tons	---	55	15	825	---
Cotton, Lint	lbs. ¹	285	280	909	530	153,403
Cottonseed	tons	---	---	---	179	40,812
Hay, All	tons	---	1,870	2.11	3,945	405,705
Alfalfa	tons	---	20	3.0	60	13,320
All Other	tons	---	1,850	2.1	3,885	392,385
Sorghum for Grain	bu.	26	22	91	2,002	6,839
Sorghum for Silage	tons	---	1	14	14	---
Soybeans	bu.	1,490	1,460	34	49,640	434,350
Tobacco, All	lbs.	---	21.8	2,403	52,380	110,448
Dark Fire-Cured	lbs.	---	7.2	3,200	23,040	57,370
Burley	lbs.	---	13.0	1,900	24,700	42,731
Dark Air-Cured	lbs.	---	1.6	2,900	4,640	10,347
Winter Wheat	bu.	620	520	63	32,760	187,060
Apples ²	lbs.	---	---	---	8,700	2,991
Peaches ²	tons	---	---	---	1,600	2,528
Squash, Total	cwt.	1.1	.9	82	74	1,356
Snap Beans, Fresh	cwt.	9.3	8.5	43	366	12,444
Tomatoes, Fresh	cwt.	4.2	4.0	280	1,120	38,080

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: 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	2008
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	7	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	2008	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	2,900	2008	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.

Nursery, Floriculture & 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, 2004-2008

Crop Year	Production	Stocks			
		December 1	% of Prod.	May 1 ¹	% of Prod.
	1,000 Tons	1,000 Tons		1,000 Tons	
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	2,685	2,121	79.0	215	8.0
2008	3,945	3,038	77.0	552	14.0

¹ Following year.

Tillage Systems & Biotechnology

Tillage Practices Used: by Crop, Tennessee, 2005-2008

Crop	Year	Total Acres Planted	% of Total ¹			
			No-Till	Other Conservation Tillage ²	Conventional Till ³	Double-Cropped ⁴
Soybeans	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	79.6	14.8	5.6	28.7
	2008	1,490,000	79.9	14.8	5.4	36.2
Corn	2005	650,000	66.2	21.5	12.3	3.1
	2006	550,000	72.7	18.2	9.1	3.6
	2007	860,000	69.8	19.8	10.5	2.9
	2008	690,000	72.5	18.8	8.7	4.3
Sorghum	2005	22,000	40.9	27.3	31.8	6.8
	2006	14,000	50.0	28.6	21.4	7.1
	2007	18,000	44.4	22.2	33.3	5.6
	2008	26,000	46.2	23.1	30.8	5.8
Cotton	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
	2008	285,000	66.7	22.8	10.5	0.2
Wheat 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	----
	2008	620,000	53.2	29.0	17.7	----
Total	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	2,853,000	70.7	19.4	11.3	11.8
	2008	3,111,000	71.4	19.3	9.3	18.4

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, 2007-2009

Year	Insect Resistant (Bt)	Herbicide Resistant	Stacked Gene Varieties	All Biotech Varieties
Percent				
2007	10	17	71	98
2008	10	14	73	97
2009	7	10	80	97

Livestock, Dairy & Poultry

Farms, Land in Farms & Value

Livestock by Class, Tennessee, January 1, 2007-2009

Classes	2007	2008	2009
		1,000 Head	
All Cows that have Calved	1,190	1,140	1,010
Beef Cows	1,123	1,079	951
Milk Cows	67	61	59
Heifers 500 Pounds and Over	310	270	270
For Beef Cow Replacement	180	155	150
For Milk Cow Replacement	40	45	45
Other Heifers	90	70	75
Steers 500 Pounds and Over	135	120	137
Bulls 500 Pounds and Over	75	70	73
Calves under 500 Pounds	540	500	490
All Cattle and Calves	2,250	2,100	1,980
All Hogs and Pigs ¹	220	140	205
All Sheep and Lambs	27	30	34
Meat Goats	117	124	133
Milk Goats	6.6	5.8	5.8
Total Layers ¹	1,477	1,662	1,470
Total Pullets ¹	800	991	1,133
Other Chickens ^{1,2}	143	162	160
All Chickens ^{1,2}	2,420	2,815	2,763

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

Livestock Operations, Tennessee, 2003-2008¹

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	47	42	1.2	0.59	1.5	1.3
2008	2	2	2	0.55	2	2

¹ An operation is any place having one or more head on hand at any time during the year. ² Estimates discontinued until 2012.

Federally Inspected Plants and Head Slaughtered, Tennessee, 2004-2008

Year	Cattle		Hogs		Sheep		Goats	
	Plants	Head	Plants	Head	Plants	Head	Plants	Head
	1,000		1,000		1,000		1,000	
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
2008	13	25.5	17	660.2	11	14.1	10	26.1

Inventory, Production, Disposition and Income, Tennessee, 2007-2008

Classes	Unit	2007	2008
Cattle and Calves:			
Inventory Jan. 1	Mil. Head	2.25	2.10
Calf Crop	Mil. Head	1.04	0.95
Inshipments	1,000 Head	38	27
Marketings ¹	Mil. Head	1.12	0.99
Production ²	Mil. Pounds	624.2	573.9
Marketings ³	Mil. Pounds	747.3	679.9
Cash Receipts ⁴	Mil. Dollars	622.1	534.1
Price per 100 lbs.			
Cattle	Dollars	76.20	73.60
Calves	Dollars	108.00	97.10
Hogs and Pigs:			
Inventory Dec. 1 (prev. yr.)	1,000 Head	220	140
Pig Crop	1,000 Head	390	396
Inshipments	1,000 Head	115	55
Marketings ¹	1,000 Head	566	365
Production ²	Mil. Pounds	118.1	95.4
Marketings ³	Mil. Pounds	134.4	89.4
Cash Receipts ⁴	Mil. Dollars	59.0	39.8
Price per 100 lbs.			
All Hogs	Dollars	43.60	44.40
Sheep and Lambs:			
Inventory Jan. 1	1,000 Head	27.0	30.0
Lamb Crop	1,000 Head	20.0	23.0
Inshipments	1,000 Head	4.1	4.0
Marketings ¹	1,000 Head	16.8	17.7
Production ²	Mil. Pounds	1.71	1.86
Marketings ³	Mil. Pounds	1.85	1.83
Cash Receipts ⁴	Mil. Dollars	1.49	1.71
Price per 100 lbs.			
Sheep	Dollars	35.00	32.00
Lambs	Dollars	101.00	104.00

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, 2004-2008

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
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
2008	59	16.0	948	190.69	20.20

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, 2004-2008

Year	Cottage Cheese		Milk Sherbet	Ice Cream	
	Creamed	Curd ¹	Hard	Reg. Hard	Reg. Mix
	1,000 Lbs.	1,000 Lbs.	1,000 Gals.	1,000 Gals.	1,000 Gals.
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	8,798
2008	7,058	7,012	724	15,961	8,789

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

Trout Sales: Pounds Sold, Value of Sales, and Operations, Tennessee, 2004-2008

Year	12 inches or longer			Total Sales ¹	Number of Operations
	Lbs. sold	Avg. value	Sales		
	1,000	\$ per Lb.	\$1,000	\$1,000	
2004	54	2.48	134	181	14
2005	90	2.74	247	291	14
2006	83	2.81	233	291	14
2007	²	²	²	²	³
2008	²	²	²	²	³

¹ Excludes value of eggs. ² Tennessee data not published to avoid disclosing individual operations.

³ Number of operations will only be published in conjunction with Census of Agriculture.

Honey: Colonies, Yield, Production, Price, and Value, Tennessee, 2004-2008¹

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
2004	6	54	324	173	561
2005	7	55	385	167	643
2006	7	55	385	184	708
2007	7	65	455	199	905
2008	7	61	427	204	871

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.

Poultry & Equine

Chickens: Number, Price, and Value, Tennessee, December 1, 2004-2008¹

Year	Number	Value per Head	Total Value
	1,000 Head	Dollars	\$1,000
2004	2,400	6.60	15,840
2005	2,600	6.80	17,680
2006	2,420	7.90	19,118
2007	2,815	7.40	20,831
2008	2,763	7.60	20,999

¹ Excludes commercial broilers.

Eggs: Production, Price, and Value, Tennessee, 2004-2008^{1 2}

Year	Eggs Produced	Price per Dozen	Value of Production
	Million	Dollars	\$1,000
2004	319	1.340	35,511
2005	412	1.350	46,478
2006	393	1.420	46,642
2007	385	1.450	46,602
2008	351	1.460	42,815

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

Broilers: Production, Price, and Value, Tennessee, 2004-2008^{1 2}

Year	Number Produced	Pounds Produced	Price per Pound ³	Value of Production
	1,000 Head	1,000 Lbs.	Cents	\$1,000
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	205,900	1,050,100	43.0	451,543
2008	199,700	1,018,500	45.0	458,325

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 District¹

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

¹ State funded survey.

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, 2007-2008

Commodity	Tennessee		United States	
	2007	2008	2007	2008
	Million Dollars			
Soybeans & Products	79.1	324.3	11,028.2	19,331.9
Tobacco, Unmanufactured	53.8	58.5	1,143.5	1,279.8
Cotton & Linters	131.5	193.4	4,304.9	4,782.2
Cottonseed & Products	5.1	8.4	165.5	213.5
Wheat & Products	87.8	225.1	8,681.9	14,836.0
Feed Grains & Products	71.3	105.2	11,835.9	18,147.5
Live Animals & Meat, Excluding Poultry	47.7	63.9	6,800.0	9,454.6
Fats, Oils, & Greases	1.4	1.7	748.4	1,070.2
Poultry & Products	58.1	74.8	3,777.1	4,922.4
Hides & Skins	1.4	1.6	2,156.0	2,128.4
Vegetables & Preparations	8.7	10.7	4,298.5	5,160.2
Dairy Products ¹	4.4	5.9	2,522.1	4,099.1
Fruits & Preparations ²	0.0	0.6	5,030.6	5,925.7
Feeds & Fodders	26.0	45.0	2,887.8	3,988.6
Seeds	8.2	14.7	933.1	1,194.8
Other ^{3,4}	186.3	221.8	11,176.3	12,681.1
All Commodities ⁵	770.6	1,355.6	82,363.7	115,451.5

¹ Methodology revised starting in 2007 to estimate shares based on sales production of cheese, butter, dry whey, ice cream and sherbet. ² 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.

³ Includes sugar and tropical products, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine and misc. vegetable products. ⁴ U.S. "Other" also includes rice, sunflower seed and oil, peanuts and products, and tree nuts. ⁵ Totals may not add due to rounding.

Source: Foreign Agricultural Trade of the U.S., USDA, ERS, July 2009.

First and Last Freeze Dates, Tennessee

District/Station	First Freeze	Last Freeze	Freeze Free
	Dates ¹	Dates ¹	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
Marlin	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: 865-974-2128 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
<http://4hfoundation.tennessee.edu/>

Ag-In-The-Classroom Foundation

P.O. Box 313, 147 Bear Creek Pk.
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
P.O. 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
P.O. 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

Beekkeepers Association, Tenn.

Jim Garrison
1014 Valley Forge Dr.
Arrington, TN 37014
Ph: 615-377-7696, Fx 615-377-7697

Boll Weevil Eradication Foundation, Inc., Tenn.

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

Burley Stabilization Corporation

320 McCalla Ave.
Knoxville, TN 37914
Ph: 865-525-9381 Fax: 865-525-8383
www.burleystabilization.com

Cattlemen's Association, Tenn.

826 Memorial Blvd., Suite 102,
Murfreesboro TN 37129,
Ph: 615-896-2333, Fx 615-896-0244
www.tncattle.org

Conservation Districts, Tenn. Assn. of

P.O. Box 107
Hidden Valley, TN 38042,
Ph: 731-764-2909
www.tnacd.org

Cooperative, Tennessee Farmers

P.O. Box 3003, 200 Waldron Rd.
LaVergne, TN 37086-1983
Ph: 615-793-8011 Fax: 615-793-8404
www.ourcoop.com

Cooperatives, Tenn. Council of

c/o Roberta Smith, Bledsoe Telephone
Cooperative, PO Box 609
Pikeville TN 37367
Ph: 423-447-2121, fx 423-447-2498
www.tennessecouncilofcoops.org

Cotton Council, National

P.O. Box 2995
Cordova TN 38088-2995
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

Dairy Products Association, Tenn.

4395 Dugger Road
Culleoka TN 38451
Ph: 931-987-2597

Egg & Poultry Association, Tenn.

P.O. Box 10194
Murfreesboro, TN 37129
Ph: 615-896-2372
www.tnpoultry.org

Emu Association, Tenn.

P.O. 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.tennesseeairs.com

Farm & Forest Families of Tenn., The

P.O. Box 313, 147 Bear Creek Pk.
Columbia, TN 38402-0313
Ph: 931-388-7872 Fax: 931-381-5818

Farm Bureau Federation, Tenn.

P.O. Box 313, 147 Bear Creek Pk.
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.

Louisa Cooke
1100 Dunlop Lane
Clarksville TN 37040
Ph: 931-645-8867
www.tennesseewines.com

Feed & Grain Association, Tenn.

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

FFA Alumni Association, Tenn.

P.O. 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.

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

Forestry Association, Tenn.

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

Forestry Commission, Tenn.

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

Fruit & Vegetable Association, Tenn.

Betty Coning
2837 Taylor Road
Maryville, TN 37803
Ph: 865-983-0153
www.tfva.org

Fuel & Convenience Store Assn., Tenn.

P.O. Box 101334
Nashville, TN 37224
Ph: 615-242-4377 Fax: 615-254-8117

Goat Producers Association, Tenn.

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

State Agricultural & Forestry Organizations

Grocers Association, Tenn.

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

Hardwood Lumber Assn., National

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

Equine Association, Tenn.

P.O. Box 975
Columbia, TN 38402-0975
Ph: 931-698-0423

Livestock Marketing Association, Tenn.

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

MTSU School of Agribusiness & Agriscience

P.O. Box 5
Murfreesboro, TN 37132
Ph: 615-898-2523
http://deptabas.web.mtsu.edu

Nursery Association, Middle Tenn.

201 Locust St., Suite 14,
McMinnville, TN 37110
Ph: 931-507-7322 Fax: 931-507-9601
www.mtna.com

Nursery & Landscape Association, Inc., Tenn.

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

Pest Control Association, Tenn.

1235 Mattoxtown Rd.
Lawrenceburg, TN 38464
Ph: 931-829-1122
www.tennpca.org

Pork Producers Association, Tenn.

13994 Versailles Road
Rockvale, TN 37153
Ph/Fax: 615-274-6533
porkpromotn@tds.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
www.tnsoybeans.org

Specialty Foods Association, Tenn.

c/o Ron Boyle, Porky's Gourmet Foods,
644 Blythe St.,
Gallatin, TN 37066
Ph: 615-230-7000
http://tsfagourmet.com

Tenn Tech Univ College of Agricultural and Human Sciences

P.O. Box 5165
Cookeville, TN 38505
Ph: 931-372-3149 Fax: 931-372-3150
www.tntech.edu/aghech

Tenn. Tech. Univ. School of Agriculture

P.O. 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.agfacs.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

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/tn

USDA National Ag Statistics Service, Tennessee Field Office

Ellington Agricultural Center
P.O. 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

P.O. 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.

Louisa Cooke
1100 Dunlop Lane
Clarksville TN 37040
Ph: 931-645-8867
www.tvos.org

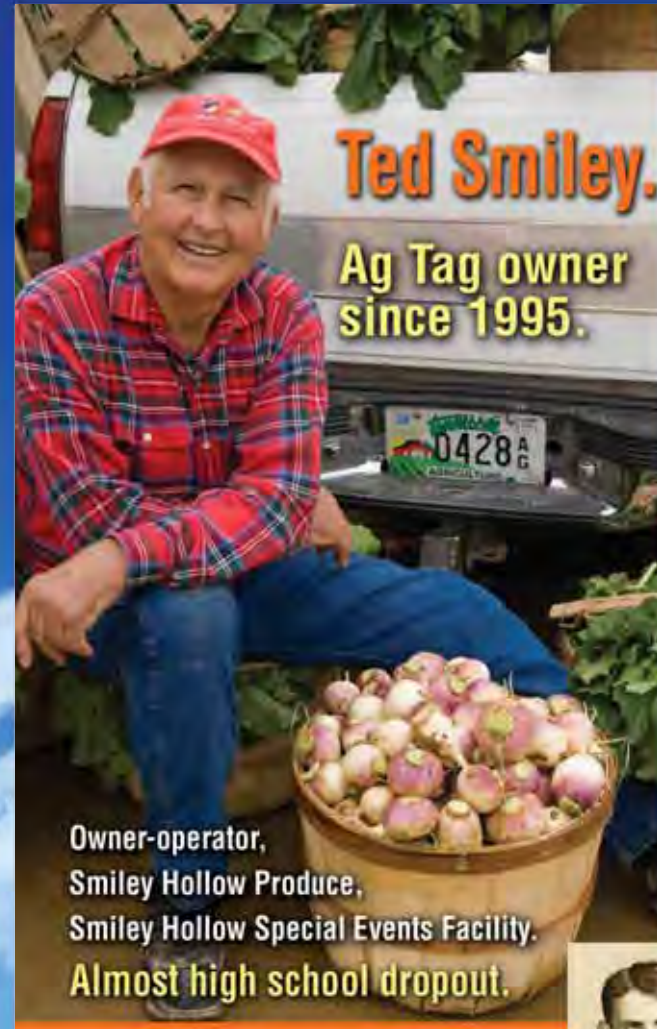
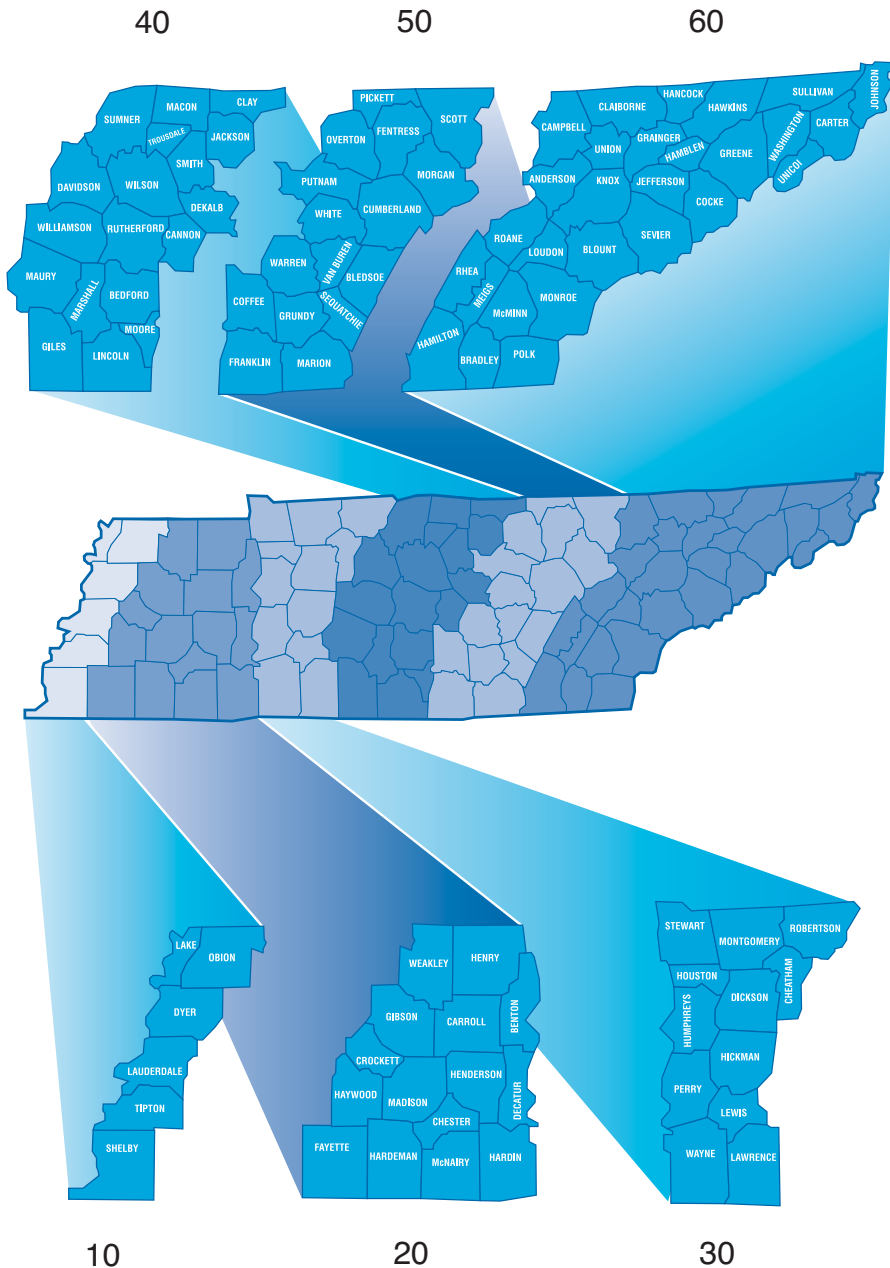
Walking Horse Breeders & Exhibitors Assn, Tenn.

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

Walking Horse National Celebration, Tenn.

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

Tennessee Agriculture Statistics Districts



**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

Do You Have a Tennessee Ag Tag?

Contact your county clerk to get an Ag Tag today!

To learn more, visit PickTnProducts.org.

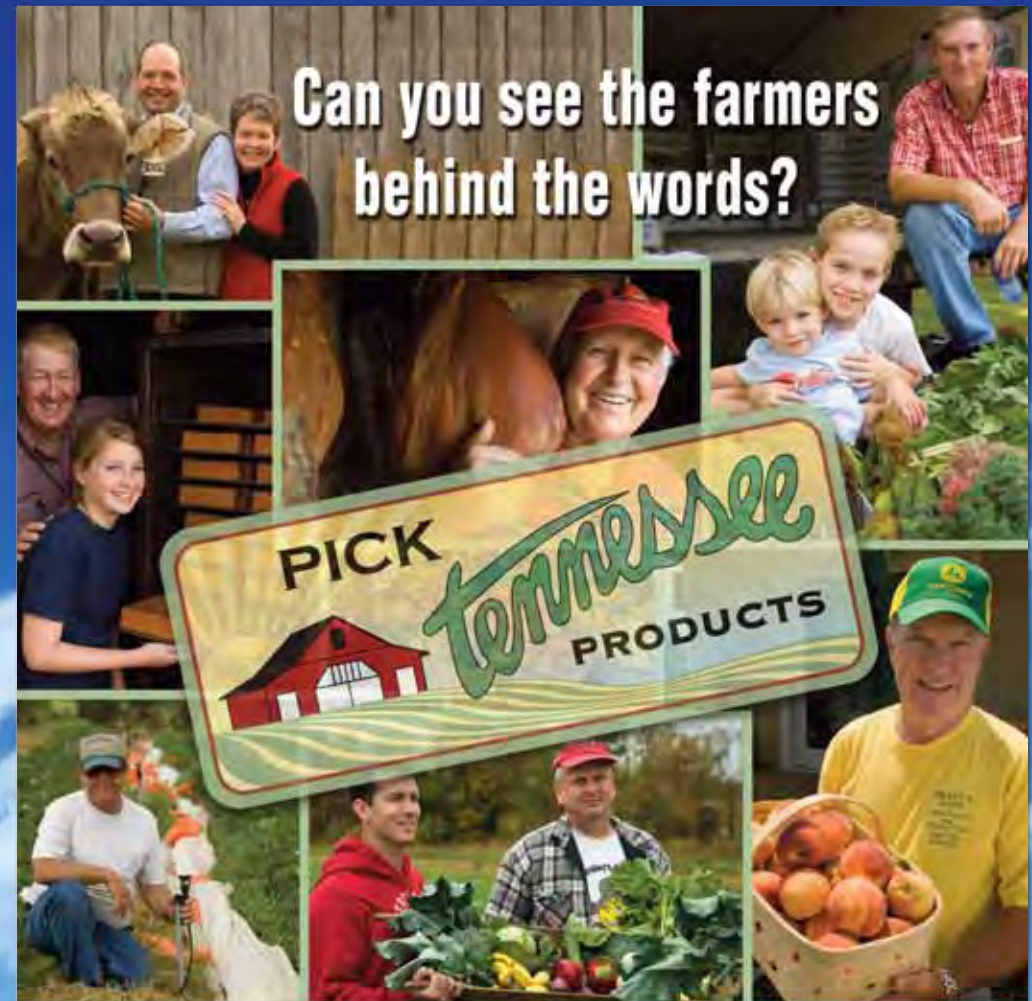


Animal Friendly License Plate

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. Last year, 56 non-profit animal care and rescue organizations across Tennessee received grants from Animal Friendly license plate funds.



Contact your county clerk to get one today.



Can you see the farmers behind the words?

If the words say "Pick Tennessee Products," you can.



Tennessee offers many local products that can be purchased at the farm or in grocery stores. Buying local products not only gives consumers fresher food, but it also helps the local economy. To learn more about the fruits, vegetables and other products available from Tennessee, visit

www.PickTnProducts.org

...because you really can see the farmers behind these words.



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