



Kansas Forest Service

2005 Annual Report

Care of Natural Resources and Service to People Through Forestry

The Kansas Forest Service, through State Statute K.A. 76-425, has the responsibility of overseeing the state's 2.1 million acres of forestland and approximately 1 million acres of urban and community forests.

The Forest Service employs 28 full-time employees – 20 professional positions and eight support staff. Following are descriptions of the major programs and 2005 highlights.

Rural Forestry

Foresters provide professional assistance to private landowners in meeting their long-term objective of managing their forestlands. Services include on-site visits, long-term Forest Stewardship Management plans, practice plans to implement tree planting and timber stand improvement projects, and follow-up consultations.

Sawmills process Kansas-grown timber into usable wood products. Loggers and sawmill operators receive assistance in harvesting techniques, processing logs, and use and marketing of wood products.

Conservation Tree Planting

Tree and shrub planting provides important environmental benefits to people, wildlife, and domestic livestock. The program offers low-cost tree and shrub seedlings for use in establishing multiple benefit conservation plantings such as windbreaks, woodlots, erosion control, clean water, wildlife habitat, and Christmas trees.

Community Forestry

Assistance is provided to cities and towns to organize local resources to care for and manage public trees. Services available include setting priorities of work; training city employees, tree boards, and community residents in proper tree planting, management, and maintenance practices; and special educational events.

Professional arborists are provided with the latest information and training in tree care practices. Municipalities receive program support in Tree City USA and other educational programs.

Fire Management

Eighty-seven percent of the fire suppression forces in Kansas are volunteers. They provide protection to life and property on 46.4 million acres of nonfederal land. Training is provided on the most up-to-date wildland firefighting techniques. Assistance is given to rural fire departments in fire prevention education, primarily using the Smokey Bear program, for both children and adults.

Through cooperative agreements with the USDA Forest Service, excess federal military equipment, usually vehicles, is acquired and loaned at no cost to rural fire departments.

Federal cost-share funding to rural fire departments is available to purchase firefighting equipment on a matching basis. The Equipment Donation Program, a clearinghouse program that encourages public and private entities

to donate used equipment for redistribution, is administered through Kansas Forest Service.

Work is being done to address the growing concerns about the wildland/urban interface that is rapidly expanding around metropolitan centers. Countywide fire planning is used to improve fire department capabilities in preventing and suppressing wildland fire.

Forest Health

Foresters monitor insect and disease activities on forestland, in communities, and conservation tree plantings and recommend appropriate control measures. Technical support is obtained from the Kansas Department of Agriculture for pest survey and detection.

Forest Inventory

In cooperation with the USDA Forest Service, foresters gather data from forest plots to determine the extent and condition of forestland. The information is used by the forest industry and state government to address important long-term management issues.

Conservation Education

Kansas Forest Service is the state cosponsor of Project Learning Tree (PLT), an international award-winning environmental education program. It also sponsors the annual National Arbor Day Foundation Statewide Arbor Day Poster Contest.

Program Highlights

Forest Stewardship Accomplishments

Activity	No.	Acres
Landowners Assisted	385	NA
Management Plans	129	5,938
Tree Planting Plans	175	2,084

Important Facts About Kansas Forests

- Half of our forestland is made up of "sawlog-sized trees" with a 40-inch circumference or greater and each year these woodlands grow enough wood to build 1,000 homes.
- Kansas has more than 70 active sawmills and timber buyers that processed an estimated 21.7 million board feet of sawlogs in 1998.
- Only 33 percent of the wood volume grown each year is harvested.

Agroforestry and Fall Forestry Field Day

The Agroforestry Field Day was at the Bundlesflower Plant Reserve northwest of Plainville. The reserve, owned by the Jim Ruder family, provided agroforestry educational opportunities to 64 landowners and natural resource professionals. The Fall Forestry Field Day was in Manhattan at the Kansas Forest Service State Office and the KSU Tuttle Creek



Marty Hewins received the 2005 Outstanding Tree Farmer of the Year Award at the Fall Forestry Field Day. From left to right presenting the STIHL chain saw is State Forester, Ray Aslin, Kansas State Tree Farm Committee Chair, Leonard Ellis, Marty Hewins, and Kevin Viestinz, STIHL representative.

Forestry Research site where 140 people learned about practicing sustainable forestry.

Additionally, 52 forestry workshops offered forestry information to more than 4,000 people.

Forestland Enhancement Program and the Environmental Quality Incentives Program for Forestland Health

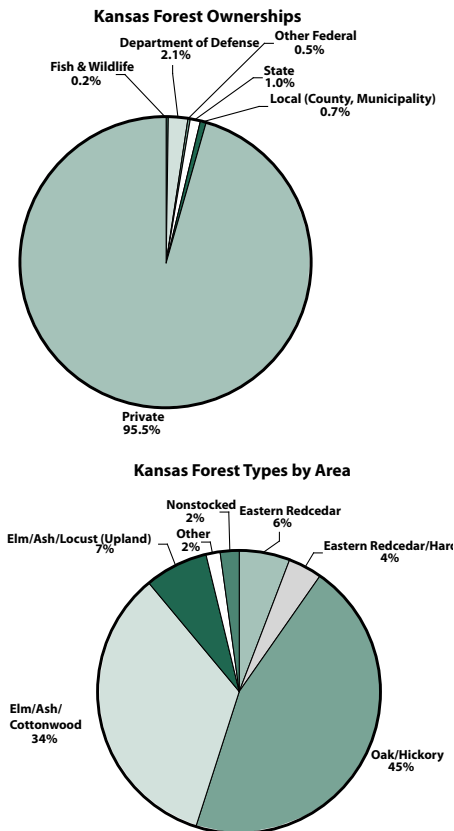
A total of \$48,526 cost-share dollars were obligated to Forestland Enhancement Program (FLEP) practices in 2005. Kansas has 71 FLEP practices, 31 which are agroforestry, 25 forest stand improvement, 12 afforestation or reforestation, and 3 specifically related to water quality improvement and watershed protection. Environmental Quality Incentives Program (EQIP) for Forestland Health invested \$119,614 of cost-share in 32 forest stand improvement practices on 1,107 acres. Another \$100,000 has been allocated for forestland health practices in 2006.

Kansas Tree Farm Program

There are 99 certified Tree Farmers in Kansas that manage 5,638 acres of forestland that are certified by the American Tree Farm System's standards of sustainability. Meeting these standards indicates a forest landowner is promoting the growth of renewable forest resources, protecting environmental benefits, and increasing public understanding of the benefits of productive forestry. A nine member State Tree Farm Committee and six Kansas Forest Service foresters operate the program in Kansas.

Forest Inventory

2005 marked the completion of the first 5-year cycle



of the Kansas Forest Inventory. The data collected during the 2004 federal fiscal year has been released on the internet, and is available for use. See www.fia.fs.fed.us/tools-data/tools/ then click on FIA Mapmaker for access. Based on the data collected in 2004, Kansas has 2.13 million acres of forestland.

Information of interest based on 4 years of the 5-year inventory is given in the figures above.

Conservation Tree Planting

More than 578,000 trees and shrubs were sold to 2,505 landowners. Seedlings were planted statewide for a variety of purposes outlined below.

Type of Planting	Acres
Home Windbreaks	862
Field Windbreaks	174
Livestock Windbreaks	102
Wildlife	254
Riparian Plantings	28
Woodlots	46
Christmas Trees	4
Total Acres	1,470



Mark Horne, National Hardwood Lumber Association's Chief Inspector, teaches students lumber grading rules.

Lumber Grading Short Course

Thirteen individuals participated in the 3-day Hardwood Lumber Grading Short Course in Lawrence. It was held through a cooperative effort of the Kansas Forest Products Association, Kansas Forest Service, K-State Research and Extension – Douglas County, and the National Hardwood Lumber Association.

Utilization of Under-Utilized Species

Work continues in promoting the use of under-utilized tree species. Eastern redcedar is at the top of the list. As the eastern redcedar resource continues to grow, both in area and size, it is important that we look for ways to use this resource to its fullest potential. With much of our cedar growing into the pole and small sawlog size classes, opportunities are beginning to develop. During three events throughout the year, we were able to demonstrate a Morbark Post Peeler to show individuals the peeling process and to get people thinking about this potential. We are also beginning to see more and more people making rustic furniture, beams, siding, novelty items, etc., from this currently under-utilized resource.

Walnut Company. This tour provided participants with the opportunity to see firsthand the manufacturing processes involved with producing forest products and gain a greater appreciation and understanding of the work required.

Governor's Christmas Tree

For the past several years, it has become a tradition for the Kansas Christmas Tree Growers Association, with the cooperation of the Kansas Forest Service, to provide Governor Sebelius with a Christmas tree for display in her Cedar Crest residence during the holidays. Bob and Susan Grelinger who own and operate Windy Knoll Tree Farm

Forest Industry Tour

A Forest Industry Tour highlighted the forest industry in Kansas and made people aware of the economic importance to our residents. Stops included: Walkers Pallet Company, St. Joseph Truss Company, Hewins Sawmill and log yard, and American

of Derby, were the donors of the 2005 Christmas tree.

Wildfire Training

Kansas Forest Service presented 22 wildland fire training courses to 395 firefighters. Twenty one different counties and 63 fire departments were represented at the training courses. Of those 395 students, 154 received instruction through National Wildfire Coordinating Group (NWCG) certification courses and an Incident Qualification Card. Training scholarships totaling \$9,389 were awarded to 35 students attending NWCG courses.



Don Queal, Timber Buyer and Sawmill Operator, used Eastern redcedar siding and beams on the exterior of his newly constructed home.



During the Forest Industry Tour, John Clemons, American Walnut Company, holds up a piece of walnut to show what can happen to a sawmill blade when it comes in contact with hidden metal in logs while Joe Butler, Kansas Forest Products Association's Southeast Director, looking on.



Bob and Susan Grelinger stand beside the 10-foot Scotch Pine selected from their Christmas tree farm for Governor Sebelius. The tree was presented during a ceremony at Cedar Crest on November 28, 2005.

Cost-Share Funds Available

Cost-share grants through two federal assistance programs were awarded. A total of \$256,702 Volunteer Fire Assistance (VFA) was allocated to 113 rural fire departments to purchase personal protective gear, radios, and other firefighting equipment.

Fire Prevention

Smokey Bear remains popular and made 26 appearances at various community events, school programs, and celebrations around the state. In addition, 17,500 pieces of fire prevention handout materials were provided to fire districts and other community service organizations to help spread the wildfire message. The Firewise program made a major step this year. Our first community has been identified and is working toward achieving the standards for the Firewise Communities USA program. A Firewise educational display trailer was completed and began making appearances at local events.



A Firewise educational display trailer.

Cost-Share Grants to Rural Fire Departments	
Barber County Rural Fire District 1 (BA)	\$2,550
Bourbon County Fire District 3 (BB)	\$1,984
Hiawatha Fire Department (BR)	\$1,935
Horton Fire Department (BR)	\$3,299
Kickapoo Fire Department (BR)	\$1,962
Ellinwood Fire Department (BT)	\$1,000
Galatia Volunteer Fire Department (BT)	\$2,285
Butler County Fire District 2 (BU)	\$3,000
Potwin Fire Department (BU)	\$2,370
Butler County Fire District 3 (BU)	\$3,650
Butler County Fire District 7 (BU)	\$2,772
Butler County Fire District 8 (BU)	\$4,375
Minneola Fire Department (CA)	\$609
Ashland Rural Fire/Rescue (CA)	\$1,190
Baxter Springs Volunteer Fire Department (CK)	\$1,009
Galena Fire Department (CK)	\$3,469
Cowley County Fire District 2 (CL)	\$1,980
Cowley County Fire District 3 (CL)	\$1,800
Cowley County Fire District 4 (CL)	\$800
Comanche County Fire Department (CM)	\$2,470
Elgin Rural Fire District 5 (CQ)	\$2,000
Mulberry Fire Department (CR)	\$700
Sheridan Township (CR)	\$2,300
Green Rural Fire District 1 (CY)	\$2,010
Clay Center Rural Fire District 1 (CY)	\$3,700
Longford Rural Fire District 1 (CY)	\$1,050
Wakefield Rural Fire District 1 (CY)	\$2,000
Clinton Township Fire Department (DG)	\$4,036
Enterprise Fire Department (DK)	\$2,500
Hope Fire Department (DK)	\$3,500
Liberty Township-Woodbine Rural Fire District (DK)	\$200
Doniphan County Fire District 3 (DP)	\$6,000
Ellsworth Fire Department (EW)	\$1,725
Wilson Fire Department (EW)	\$2,480
Ford County Fire and EMS (FO)	\$5,699
Ohio Township Fire Department (FR)	\$524
N. Centropolis Township (FR)	\$751
Gove Rural Fire District (GO)	\$3,053
Hodgeman County Rural Fire District (HG)	\$5,700
Hamilton County Rural Fire District 1 (HM)	\$2,300
Harper Fire Department (HP)	\$1,545
Hoyt Fire District 3 (JA)	\$1,500
Soldier Fire District 2 (JA)	\$2,600
Jefferson County Fire District 11 (JF)	\$2,000

Cost-Share Grants to Rural Fire Departments	
Sarcoxie Fire District 4 (JF)	\$2,662
Johnson County Fire District 1 (JO)	\$2,062
Johnson County Rural Fire District 3 (JO)	\$2,044
Oswego Fire Department ((LB)	\$1,000
Neosho Township. Fire Department (LB)	\$4,160
Linn Valley Volunteer Fire Department (LN)	\$1,812
Linn County Fire Department (LN)	\$13,520
Reno Township. Fire Department (LV)	\$328
Stranger Township. Fire Department (LV)	\$2,816
Tipton City Fire Department (MC)	\$1,099
Tipton Rural Fire Department 2 (MC)	\$1,410
Meade County Rural Fire District (ME)	\$875
Montgomery County Fire District 1 (MG)	\$4,750
Drexel CFPA, Inc. (MI)	\$1,407
Marion County Fire District 5 (MN)	\$1,991
Marion County Fire District 6 (MN)	\$237
McPherson County Fire District 6 (MP)	\$1,800
Morris County Fire District 13 (MR)	\$1,965
White City Volunteer Fire Department (MR)	\$2,200
Marysville Fire Department (MS)	\$1,305
Axtell Volunteer Fire Department (MS)	\$2,000
Marshall County Fire District 7 (MS)	\$2,000
Oketo/Balderson Rural Fire District 5 (MS)	\$1,446
Marshall County Fire District 6 (MS)	\$2,000
Beattie Rural Fire Department (MS)	\$380
Marshall County Fire District 9 (MS)	\$750
Nemaha County Fire District 4 (NM)	\$2,332
Nemaha County Fire District 3 (NM)	\$957
Erie Fire Department (NO)	\$5,115
Norton County Rural Fire District 2 (NT)	\$3,150
Osborne County Rural Fire District 3 (OB)	\$2,102
Downs Fire Department (OB)	\$2,752
Osborne County Rural Fire District 1 (OB)	\$1,370
Burlingame Fire District 6 (OS)	\$2,419
Osage County Fire District 1 (OS)	\$2,070
Ottawa County Fire District 6 (OT)	\$2,750
Phillips County Fire District 2 (PL)	\$5,250
Kirwin Volunteer Fire Department (PL)	\$4,995
Larned Fire Department (PN)	\$817
Burdett Fire Department (PN)	\$1,275
Pratt County Township 12 (PR)	\$2,400
Onaga Fire District 3 (PT)	\$1,911
Pottawatomie County Rural Fire District 10 (PT)	\$2,142
Westmoreland Fire Department (PT)	\$1,099

Cost-Share Grants to Rural Fire Departments	
Blue Township Fire District 5 (PT)	\$200
Seven Township. Fire Department (PT)	\$1,043
Rawlins County Fire District 3 (RA)	\$2,500
Rush County Fire District 6 (RH)	\$324
Riley County Fire District 1 (RL)	\$2,000
Gorham Fire District 1 (RS)	\$2,056
Waldo-Paradise-Natoma Fire District 3 (RS)	\$3,000
Russell County Fire District 5 (RS)	\$2,000
Gypsum-City (SA)	\$410
Saline County Fire District 3 (SA)	\$2,700
Thomas County Fire District 4 (SD)	\$2,500
Sheridan County Fire District 1 (SD)	\$779
Cheney Fire Department (SG)	\$1,500
Shawnee County Fire District 2 (SN)	\$6,000
Stafford County Fire Department (SF)	\$3,470
Sumner County Fire District 12 (SU)	\$1,725
Sumner County Rural Fire District 8 (SU)	\$1,660
Valverde Rural Fire District (SU)	\$1,440
Stevens County Fire Department (SV)	\$2,875
Wabaunsee County Fire District 3 (WB)	\$2,342
Wabaunsee Township. Fire Department (WB)	\$1,478
Wilson County Rural Fire District (WL)	\$1,280
Toronto Township. Fire Department (WO)	\$3,000
Woodson County Rural Fire Department (WO)	\$4,700
Clifton Rural Fire District (WS)	\$2,250



Chief and Assistant Chief of Oskaloosa Fire Department received this ready-to-use skid package for a type VI engine/brush truck through the equipment donation program, one of 28 departments to directly benefit from the Equipment Donation Program in 2005, at no cost to the donating or receiving departments

Master Fire Planning

Master Fire Plans were produced and distributed for nine counties in Kansas to aid in improving quality, coordination, safety, and in some cases, Insurance Services Office (ISO) protection class ratings for fire departments within those counties. The counties include: Allen, Barton, Coffey, Hamilton, Kearny, Miami, Osage, Pawnee, and Stafford. Another 17 counties have requests for Master Fire Plans pending. These will be completed when requested data is received.

Equipment Donation Program

The Equipment Donation Program administered by Kansas Forest Service continues to serve fire departments in need of good quality, used equipment. Fire departments and organizations donated 678 items of fire equipment with an estimated value of \$383,140. Of these, 285 items were given to 28 departments in need, with an estimated value of \$245,566.

Fire Staff Helps Out

Rodney Redinger, Fire Training Specialist served on two, 14-day western wildland fire assignments. He lead a hand crew of firefighters in fighting wildland fires that plagued Utah and Colorado.

Eric Ward, Fire Planning Specialist, spent 14 days assisting with wildfires in Louisiana as a direct result of post-Katrina timber damage and drought. He was involved in fighting 16 different fires with a nationwide contingent of firefighters.

Community Forestry

Program Accomplishments

Technical Assists	282
Communities Assisted	179
Tree Planting Projects	29 (1,225 trees)
Tree Care Projects	43
Public Tree Assessments	18
Public Tree Inventories	5
Management Plans	4
Training & Outreach Events	68 (2,410 participants)

Arborist Certification

Kansas Forest Service cosponsored the Kansas Arborist Association's Annual Arborist Training Course. The course teaches tree care professionals proper management and maintenance techniques to improve the quality of tree care across the state. Forty-one tree care professionals participated in the hands-on training course.

Tree City USA: A Record Year

Kansas Communities celebrated a record year of 115 communities earning Tree City USA recognition. Tree City USA is an awards and recognition program sponsored by the National Arbor Day Foundation in cooperation with the Kansas Forest Service. To qualify, communities must meet specific national standards.

2005 Accomplishments

Number of Tree City USA's	115
Number of Tree Board Members	606
Trees Planted	18,574
Trees Pruned	77,175
Trees Removed	9,459
Total Dollars Spent by Communities	\$12.1 million

State Forester Awards

Community Forestry

Gial Kaegi — Derby

Grant Kaegi — McPherson

Forest Stewardship Landowner Award

Marty Hewins — Wathena

Arbor Day Poster Contest Award

Samantha Elliott

Comanche Intermediate Center

Dodge City, Kansas

Teacher: Dale Jean Underwood

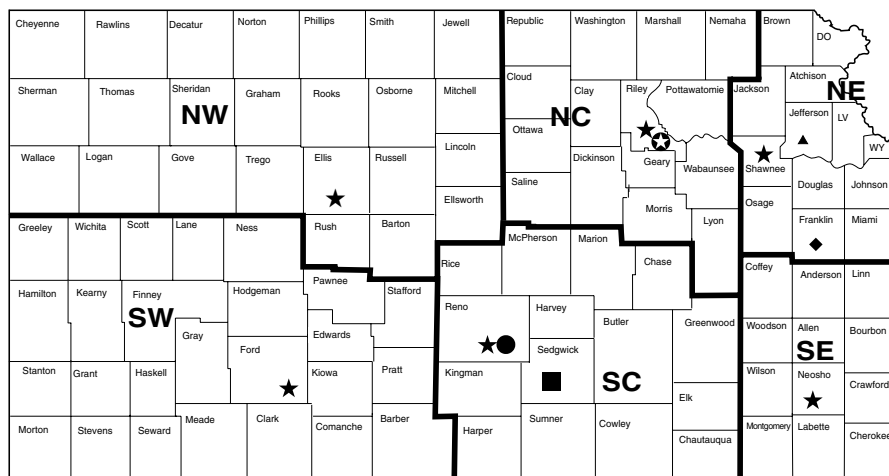


Samantha Elliott, Kansas Arbor Day National Poster Contest winner, was presented a framed copy of her winning poster by Ray Aslin, State Forester. Samantha was recognized at the Tree City USA Recognition Day in Great Bend on April 7, 2005. Also in attendance was her mother, Sandy Elliott, Teacher Dale Jean Underwood and Principal Diane Brillouet.

2005 Tree City USA Recipients and Years in Program		2005 Tree City USA Recipients and Years in Program		2005 Tree City USA Recipients and Years in Program	
Abilene	14	Haven	26	Olathe	23
Anthony	21	Hays	27	Osage City	15
Arkansas City	12	Haysville	6	Osawatomie	1
Atchison	24	Herington	17	Oskaloosa	11
Atwood	10	Hesston	21	Oswego	16
Augusta	1	Hiawatha	6	Ottawa	7
Baldwin City	3	Hillsboro	11	Overland Park	27
Bel Aire	10	Hoisington	23	Oxford	7
Belle Plaine	1	Hutchinson	12	Paola	2
Beloit	29	Iola	5	Park City	7
Blue Rapids	24	Junction City	30	Parsons	17
Bonner Springs	20	Kiowa	10	Phillipsburg	19
Burlington	13	Lake Quivira	11	Pittsburg	1
Chanute	27	Lansing	6	Plains	3
Clay Center	30	Lawrence	28	Prairie Village	9
Clyde	4	Leavenworth	12	Roeland Park	13
Concordia	13	Leawood	10	Rose Hill	2
Council Grove	10	Lenexa	18	Russell	20
Cunningham	13	Liberal	23	Salina	16
De Soto	4	Lindsborg	21	Sedgwick	8
Derby	13	Louisburg	9	Shawnee	9
Dodge City	30	Lyndon	5	South Hutchinson	5
Effingham	12	Lyons	1	Spring Hill	10
El Dorado	13	Maize	7	St. John	10
Ellis	6	Manhattan	29	Topeka	19
Emporia	20	Mankato	25	Troy	9
Fairway	21	Marquette	11	Ulysses	27
Forbes Field ANG	9	Marysville	26	Valley Center	12
Formoso	21	McConnell AFB	12	Valley Falls	11
Fort Riley	19	McPherson	28	WaKeeney	17
Fort Scott	11	Meade	3	Wamego	18
Fowler	2	Merriam	21	Waterville	29
Garden City	28	Mission	4	Westwood	18
Gardner	3	Mission Hills	14	Westwood Hills	9
Garnett	17	Morrill	1	Wichita	20
Goodland	27	Mount Hope	1	Windom	13
Great Bend	23	Mulvane	15	Winfield	25
Halstead	28	Newton	30		
Harper	10	Oberlin	20		

*For more information about Kansas Forest Service programs,
visit our Web site at www.kansasforests.org*

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Joshua Pease - Conservation Forester
Melissa Powers - Forest Resource Specialist
Eric Ward - Fire Planning Specialist



Kansas State University Agricultural Experiment Station and Cooperative Extension Service

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