

MAKING AN IMPACT

K-State Research and Extension serves as the front door for the state's land grant university. K-State Research and Extension uses its statewide network to effectively partner with local, state and federal agencies to improve the well being of individuals, businesses, families and communities.



Grand Challenges

K-STATE
Research and Extension

ksre.k-state.edu

GLOBAL FOOD SYSTEMS

Sugarcane aphid, a new, serious pest-affecting sorghum, erupted in at least 36 Kansas counties in 2015. Research demonstrates that if this pest is left uncontrolled, the aphid will cause 10- to 60-percent yield loss. The affected area represents 50 percent of sorghum production for the state. Six targeted regional workshops were conducted to help farmers scout and manage the pest. As a result, crop damage was significantly reduced, resulting in an estimated \$38-million public benefit in grain sorghum production.

WATER

The Kansas Water Office and the Kansas Department of Agriculture partnered with K-State Research and Extension to gather public input to inform the regional goals of the governor's 50-year water plan. K-State Research and Extension provided more than 75 agents for more than 20 regional meetings involving more than 1,200 local Kansans. As a result, regional teams have recommended water plan goals based on input relevant to the local situations.

HEALTH

More than 43,000 Kansans participated in the Supplemental Nutrition Assistance (SNAP-Ed) Education program last year. SNAP-Ed educates SNAP-eligible families about healthy food choices within a limited budget. K-State Research and Extension receives \$2.5 million in annual grant funding to coordinate and deliver the program to nearly 80 counties, saving Kansans \$27 million in future health care costs annually.

More than 190 Kansans participated in K-State Research and Extension's Powerful Tools for Caregiving, a program providing specialized training for family caregivers. As a result of the program, affected elderly were able to remain out of long-term care an estimated six months longer, saving Kansans about \$30,000 per person, a total of \$2.9 million.

COMMUNITY VITALITY

In 2015, K-State Research and Extension volunteers provided \$6.8 million of in-kind support through time and talents, including 317,704 volunteer hours. Programs like 4-H Youth Development, Master Food Volunteers and Master Gardeners develop strong community leaders.

K-State Research and Extension professionals provided local support for free income tax assistance through the Volunteer Income Tax Assistance (VITA) and AARP Tax Aide. Volunteers at these sites prepared 10,646 federal returns during the 2015 tax-filing season, helping taxpayers receive a total of \$11.3 million in refunds.

K-STATE RESEARCH AND EXTENSION

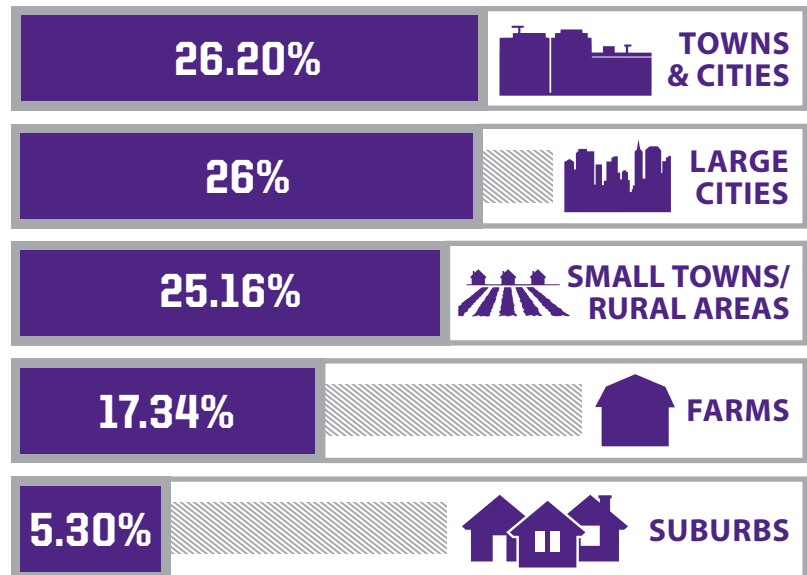
MAKING AN IMPACT



DEVELOPING TOMORROW'S LEADERS

By adding SPecial Interest (SPIN) clubs and after-school enrichment to underserved audiences, K-State Research and Extension now reaches 86,719 Kansas youth through its 4-H Youth Development program. Involved youth are not only found on farms and in rural communities, but the majority of participants can be found in towns and cities. Research shows that youth active in 4-H become engaged adults who contribute socially and economically to their communities.

4-H BY THE NUMBERS



For more information, visit ksre.k-state.edu.

K-STATE
Research and Extension
ksre.k-state.edu

CONTACT INFORMATION

Epsilon Sigma Phi
Nozella Brown, *President*
913-299-9300
nlbrown2@k-state.edu

**Kansas Association of
Community Development
Extension Professionals**
Jennifer Wilson, *President*
785-537-6350
jrwilson@k-state.edu

**Kansas Association of County
Agricultural Agents**
John Forshee, *President*
785-632-5335
jforshee@k-state.edu

**Kansas Association of Extension
4-H Agents**
Robyn Deines, *President*
785-798-3921
rdeines@k-state.edu

**Kansas Extension Association
of Family and Consumer
Sciences**
Kylie Ludwig, *President*
620-784-5337
ludwig@k-state.edu

Kansas State University Agricultural Experiment Station and Cooperative Extension Service

K-State Research and Extension is an equal opportunity provider and employer. Issued in furtherance of Cooperative Extension Work, Acts of May 8 and June 30, 1914, as amended. Kansas State University, County Extension Councils, Extension Districts, and United States Department of Agriculture Cooperating, John D. Floros, Director.