

KSRE Action Plan Outcome Report – Sample

Reporting period: 2018-2019

Action Plan: Production, Protection and Profit for Scenic County

Number of volunteers: 35

Short term evidence:

- 18 participants increased their knowledge of using prescribed burning on their farm by participating in the **"Prescribed Burn Workshop."** The program featured three speakers from K-State Research and Extension, Soil Conservation and KS Wildlife and Parks on various topics including production practices, variety selection, fertility management and an update about the current KSU research. Worked together with our livestock agent on the event. KSU publications were also provided such as the Chemical Weed Book and various leasing publications.
- 28 producers improved their knowledge in making management decisions dealing with crop production with active involvement in the **Cover Your Acres** program.
- 28 students increased their knowledge of **"Crops of Kansas"** with a presentation to the 1st grade class at the elementary school. My program included visual demonstrations of each of the major crops along with their uses. I also collected and displayed different food products used with these crops. The conclusion included a sunflower craft where the students used corn, milo and wheat grain decorating a KS sunflower highlighting Kansas Day.
- 85 producers improved their knowledge of weed management by participating in the "Weed Management Update Meeting." The meeting featured KSU specialists providing information on the following topics: Dicamba training along with weed control updates for field crops. KSU publications were provided for the participants along with copies of the county Leasing Survey reports.
- 30 producers increased their knowledge of nutrient management by participating in the "Crop Nutrient Management Meeting." My presentation for the meeting included, "Soil Sampling 101" with topics focusing on why soil test, sampling methods, tests available along with other sampling tools. Other topics included fertility recommendations for wheat, corn, milo and soybeans and fertilizing with low commodity prices.
- 30 producers gained knowledge of updates for spring row crops by participation in the "Spring Crops Informational Meeting." The program featured KSU specialists along with myself and another agent. Topics included production practices, crop budgets, fertility management and weed control. My presentation was the "Weed Control" portion of the meeting which included updates on corn, grain sorghum and soybeans along with weed resistance. KSRE publications were provided along with the Leasing Survey Reports.
- 19 producers improved their knowledge of calibrating and operating a sprayer in their cropping enterprises by participation in the "Sprayer Technology Workshop". The meeting featured Dr. Bob Wolf, retired KSU specialist provided information on the following topics: Calibration and nozzle selection; Review of the latest technology along with "Staying on target" with a discussion on label requirements for nozzles, psi, spray volume and boom height. A notebook of KSU publications were provided for each participant.
- Developed and presented a video series "Journey of the Wheat plant" in showing progression of the different growth stages of the wheat during the 2018 growing season. Six sessions were taped and posted on our county Facebook page. 500 to 2,000 views were received for the programming at each of the sessions.
- Increased the knowledge of 150 producers in variety selection and wheat production with hosting the Wheat Demonstration Test Plot Tours with 5 different stops. Participants were provided planting diagrams of each of the plots along with variety descriptions. At one of the stops, Facebook LIVE was used with

interviewing Dr. Romulo Lollatto, discussing the 2018 wheat crop. KSU agronomists and I presented variety information along with drought management guidelines.

Medium term evidence:

- 40% of producers are using the correct control recommendations for specific weed problems in cropland acres.
- 357 producers have developed a marketing plan for their crops.
- 75% of producers are using crop varieties that are proven in local and state demonstration test plots.
- 217 producers renewed their Private Pesticide License successfully.
- 35% of local producers use **soil tests** to determine fertility programs.
- 80% of producers have incorporated a **no-till cropping system** in a portion of their acreage

Long term evidence:

- Yields of crops increased by 40% for producers depending on cropping systems, fertility management and variety selection.

SAMPLE