

## DAWSON COUNTY

### Youth Science Field Day



Over 250 high school students took part at the Lexington location which is one of 6 Youth Science Field Days held in Central Nebraska. Twelve wide-ranging sessions including the “Textile Detective” gave youth the opportunity to explore science outcomes and recognize scientific and engineering processes.

More than 88% of students reported their ideas about STEM education changed in a positive way from their Field Day experiences. 92% responded that science, engineering and technology will be important in their future jobs.

*“Science really does have an impact on our everyday lives! I will use this learning experience in my career in health care.” – Student*

Dawson County 4-H'er Cyrus Rhea taught the Bayer/National 4-H Ag Innovators Experience on native bees to Lexington summer school students. The Native Bee Challenge was an interactive activity that allowed youth to apply critical thinking and STEM skills to a real-world agricultural challenge. Youth learned the importance of biodiversity, specifically as it relates to native bees and their impact on agriculture. After the Challenge, 81% understood that protecting pollinators and increasing their habitat is important to our food supply.

### Native Bee Challenge



*“It is easy to forget all the parts and pieces that go into agriculture. Learning about pollination reminds me of this.” – Student*

### Women’s Crop Scouting/Disease Diagnostics Schools



Two “women only” Crop Scouting and Disease Diagnostics schools saw 100% of participants increase their knowledge of disease scouting and lab diagnostics. The women involved represented 25,300 acres of crops. 70% of participants wanted more information on these topic areas.

*“I now have a better knowledge and can communicate with those I need to work with. Awesome class and a fun time using the microscopes! I was showing off my newfound knowledge over the weekend. I want to continue to expand my knowledge in the Ag world.” – Participant*