



August 2019 Narrative Report

Brandy VanDeWalle

Extension Educator, Fillmore & Clay Counties

Upcoming Events:

September 8-12th – NACAA National Conference, Indiana

September 16th – Ag Venture Day

September 17-20th – National Extension Leadership Development Conference, MN

September 20th – Deans Advisory Mtg.

September 23rd – Fillmore Co. Ext. Board

September 24th – Fillmore Co. Clover Kid Mtg.

September 25-26th – Water Jamboree

September 28th – Present at KS Women in Ag conference

October 4th – SE District Promotion Committee

October 7-11th – National 4-H Week

October 8th – Wellness in Tough Times Webinar

October 15th – Progressive Agriculture Safety Day Coordinator Training, York

October 18th – SE District Advisory Mtg.

October 20th – 4-H Amazing Race, Fillmore County

Innovative Cropping Systems

I summarized the **Farmers and Ranchers College** impact data for the 2018-19 programming year and facilitated program planning for the 2019-20 year. Three programs will be held this upcoming winter programming season which will include Dr. David Kohl, Cow/Calf College and Dr. Ron Hanson.

Crops – Youth (STEM-Careers)

I assisted with the 4th Annual **Regional Youth Crop Scouting Competition** which had 9 teams (44 youth) participate. Teams of students from Nebraska, Iowa, Indiana, Kentucky & Minnesota participated by completing a nine crop scouting exercises in field plots. I assisted in judging a station, scoring teams and other logistics. The purpose of the competition was to provide students an opportunity to learn crop scouting and principles of integrated pest management.



Mental Health/Rural Stress

I was asked to present to 22 **Corteva** employees on recognizing symptoms of stress and coping methods for handling it in an effective manner. Several employees indicated an appreciation for the materials and handouts. Susan Harris-Broomfield and I received a \$5,500 grant to produce mental health and rural stress materials and resources for extension educators who teach **pesticide safety education**. Planning for that project will soon start.

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4-H Youth Development

I shared extension resources with Fillmore Central staff at a booth at the Fillmore Central Public Schools in-service at the beginning of the school year.

Plans for the 22nd **Ag Venture Day** continued in collaboration with the South Central Cattlewomen. Plans are to add a UAV live demonstration, as it relates to agricultural technologies. We also were fortunate to have Sutton Public Schools participate for the first time. There are 174 area fourth graders registered for this ag literacy-focused program.

Once again, I served as co-superintendent of the **4-H state fair agronomy and range department**. I assisted in judging the exhibits, displayed them and will work on some major changes to the state fair book for this project area in 2020 to help 4-H youth and update resources available to youth.

I served as the data coordinator for the **state fair 4-H breeding beef**, entering in all of the data, creating the program and clerking results for the nearly 300 heifers that competed during Labor Day weekend. I also assisted with the 4-H swine show clerking results.

Professional Development or Organizational Citizenship

As a participant of **National Extension Leadership Development (NELD)** program, professional development was continued with a webinar on change. I took an assessment to see how I prefer to go through the change process and become more aware of how change impacts others.

News Columns/Blogs

August: Youth Crop Scouting Competition Results, Back to School Tips, Fall Lawn Reseeding, 4-H Delivery Methods

A screenshot of a 4-H Extension program page. At the top left is the 'N EXTENSION' logo. At the top right is the 4-H logo. Below the logo is the text '2019-20 Extension School Enrichment Programming'. The main content is titled 'The Plant Parts We Eat (Grades 1-3)'. It includes a description: 'Apply knowledge of seeds, soil and sun to the larger concept of agriculture and understand the process of photosynthesis; identify plant parts humans & animals use for food. Standards: SC.2.1.1 & SC.5.1.1'. Below this is a 'NEW: Spheros (Grades K-12)' section with a description: 'Variety of lessons available and still being developed in conjunction with the classroom teacher. Description: Draw paths or use blocks that represent code. Then write your own Javascript text programs. Utilizing Sphero educational tools, it weaves hardware, software and community engagement to promote 21st century skills.' Next is 'It's Made From What? (Grades 3-4)' with a description: 'Students will rely on their critical thinking and problem solving skills to gain a better understanding of how agriculture affects their daily life. Youth will explore agriculture and its wide uses in our everyday life with by-products of corn and soybeans.' Then 'Messing with the Message (Grades 3-5)' with a description: 'Messing with the Message provides a framework for youth to learn more about the effects of drugs on their brain. Youth will more closely examine the effects drugs have on the messages their brain sends and receives every day.' Below that is 'Radioactive Golf Balls (Grades 4-6)' with a description: 'Students will learn the basics of engineering science through hands-on activities. Students will work in groups and use their creativity to develop a new device to transport "radioactive" golf balls safely over a distance of 8 feet.' Then 'Tec Box (Grades 4-6)' with a description: 'Youth will explore entrepreneurial skills through hands-on activities. This is a two part workshop. You will create a product or service to solve a problem in their community using a maker space. You will then build their product in to a business and present their idea to investors.' Finally, 'Embryology (Grade PreK-12) SPRING ONLY (First-come, first-serve basis)' with a description: 'Students of all ages enjoy taking care of eggs and anticipating the arrival of baby chicks. We learn about the similarities and differences between chickens, other animals and humans as well as study the development of life. We will also talk about animal care and the circle of life. Real eggs, from ostrich to robin will also be available for observation and comparison. Standards: NEScience Standards: 1.1.3, 1.4.1, 1.4.2, 4.4.1, 4.4.2, 4.4.3, 8.4.1'. At the bottom right is a cartoon chick. At the bottom left is the text: 'Nebraska Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska-Lincoln cooperating with the Counties and the United States Department of Agriculture. Nebraska Extension educational programs abide with the nondiscrimination policies of the University of Nebraska-Lincoln and the United States Department of Agriculture. © 2019'. At the bottom right is the 'UNIVERSITY OF Nebraska Lincoln' logo.