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**EXTENSION**   
**UtahStateUniversity**

POSITIVE YOUTH DEVELOPMENT

# Box Elder 4-H

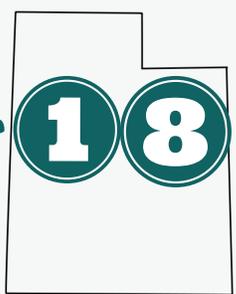
  
**1,188**  
 Youth  
 Members

TOGETHER WITH OUR CLUB LEADERS, BOX ELDER COUNTY OFFERS A WIDE VARIETY OF PROGRAMS, PROJECTS, CONTESTS AND EVENTS FROM LIVESTOCK TO SEWING, AND ROBOTICS TO DOG CLUB! A FEW OF OUR FAVORITE 2019 HIGHLIGHTS INCLUDE TRAVELING TO STATE CONTESTS, PROUDLY SUPPORTING THE SELECTED STATE AMBASSADOR FROM BOX ELDER COUNTY, AND SENDING TWO LOCAL MEMBERS TO NATIONAL 4-H CONGRESS IN ATLANTA, GEORGIA.

  
**217**  
 Adult  
 Volunteers

  
**23**  
 County  
 Ambassadors

  
**64**  
 Clubs



Attended Utah  
 State Contests



2 Attended National  
 4-H Congress

Horse Shows **4**

Livestock Clinics **9**

**19**  
 County Contests

## COMMERCIAL FRUIT TREE PRODUCTION

Mike Pace, USU Extension Agronomy & Horticulture Agent

USU Extension organized and provided the Northern Utah Fruit Growers Meeting for commercial growers. Box Elder County produces apricots, sweet and tart cherries, apples, pears and peaches that are all available commercially. It ranks number 1 in apricot and peach production and number 2 for sweet cherries, apples and tart cherries in the state of Utah.

65

Growers  
Attended Fruit  
Growers Meeting

7

Fruit Tree Grafting  
Workshops

143

Workshop attendees

17

Courtesy Pest  
Advisory Emails

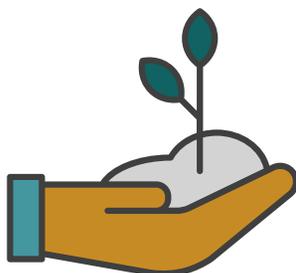
Growers rated the usefulness of the information received at meetings **4.65** out of 5

## UTAH ONION GROWERS ASSOCIATION

USU Extension regularly conducts onion variety trials in the county to assist growers in selecting the right varieties to grow each year. Utah typically produces 1,600 to 1,800 acres of onions valued at over \$20 - \$30 million dollars with a large portion of the onion acreage (1,000 to 1,200 acres) in Box Elder County.



Two onion growers  
installed drip irrigation  
systems after learning  
the benefits



Thirty-four onion  
varieties were planted  
in Box Elder  
County trial



Highest yielding  
variety was 2,191  
50 lb bags

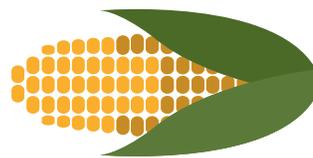
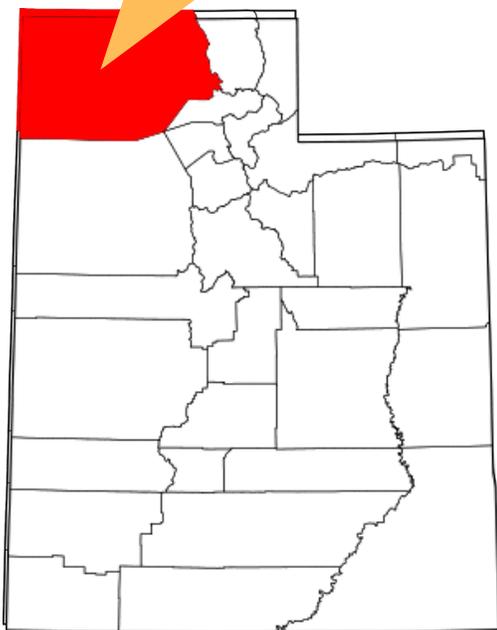
USU Extension in Box Elder County assisted with the Utah Onion Association summer and winter meetings.



# AGRONOMY

Mike Pace, USU Extension Agronomy & Horticulture Agent

Box Elder County is one of Utah's most diverse and important agricultural counties; it is one of the top five counties in every major agricultural commodity produced in the state. The Utah Agricultural Statistics and Utah Department of Agriculture and Food Report ranked Box Elder County number one in the state of Utah in total wheat production with over 3,090,000 bushels of wheat for 46% of the state total. The county produced 912,000 bushels of grain corn for 35% of the total grain corn production. Alfalfa hay production was at an estimated 217,000 tons, which ranks third in the state.



**Two** Box Elder County growers set new **state records** with 334 bushels of corn in 2018



Local Safflower research studies have shown that growers could produce 130 additional pounds of safflower per acre just by planting safflower in late Fall/early Winter.

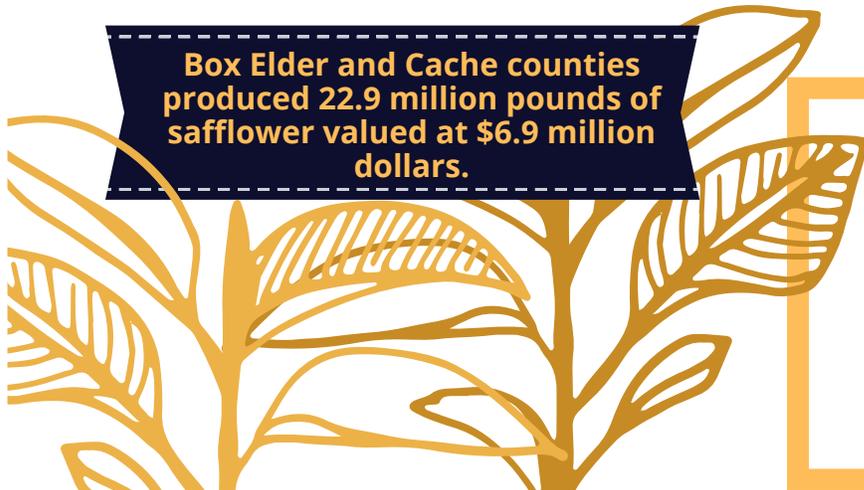


Mike and other researchers have written over 25 publications on growing safflower to educate crop producers and answer questions about irrigated and non-irrigated safflower production in Utah and Idaho.



**Box Elder and Cache counties produced 22.9 million pounds of safflower valued at \$6.9 million dollars.**

Each year USU Extension in Box Elder County works with **local agriculture businesses** to plan and organize a crop management school for **Box Elder County growers.**



# THE FOOD \$ENSE EDUCATION PROGRAM

Ann Henderson, USU Extension Family Consumer Science Agent

The Food \$ense Education Program works cooperatively with the Food Stamp Program and other agencies to provide nutrition education to low-income families

PARTICIPANTS IN  
THE BOX ELDER  
PROGRAM:

**60 ADULTS**



TOTAL  
HEALTHY  
FOOD  
DONATED  
TO FOOD  
PANTRIES  
& SOUP  
KITCHEN:



We surveyed our participants following Food \$ense classes, here are the county wide results...



**66% OF  
PARTICIPANTS**

Reported that they are more likely to have enough food to last through the month



**73% OF  
PARTICIPANTS**

Reported that they planned to choose a variety of foods based on MyPlate recommendation



**73% OF  
PARTICIPANTS**

Reported that they adjust meals to use food that is on sale or already at home



**75% OF  
PARTICIPANTS**

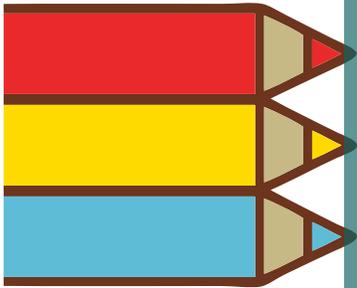
Reported an increase in being physically active at least 30 mins a day for 5 days a week



# THE FOOD \$ENSE EDUCATION PROGRAM

Ann Henderson, USU Extension Family Consumer Science Agent

## Lessons



Lessons were presented to adults in a variety of settings including WIC (Women, Infants, and Children), Bear River Mental Health, and the Department of Workforce Services.

## activities

Activities for children were offered in partnership with the Migrant Headstart program, the Boys and Girls Club, the Independent Life Skills Center, and Mountain View Elementary School. **Seven hundred fifty-one youth participated in these activities.**



## Family



Family activities like a Food, Fun and Reading class for parents and children at the Tremonton Library, a Create an Active Winter challenge that encouraged families to be active even though it was cold outside, and a Create Family Meals class attracted **85 parents and children.**

# WOOL POOL



USU Extension Box Elder County coordinates the collection of wool for local producers. This service takes place on a Saturday in the summer and alleviates the burden for ranchers to find buyers for their wool.



*Producers Participated  
In The Wool Pool*

**11,000  
LBS  
OF  
WOOL**

95% reported that the service was extremely helpful



**FARM &  
RANCH  
SUCCESSION  
PLANNING  
COURSE**



First ever Extension Farm/Ranch Succession Training in Utah held in Box Elder County

**17** Box Elder Farmer/  
Ranchers Attended

**80%** Farm families plan to pass the farm to the next generation

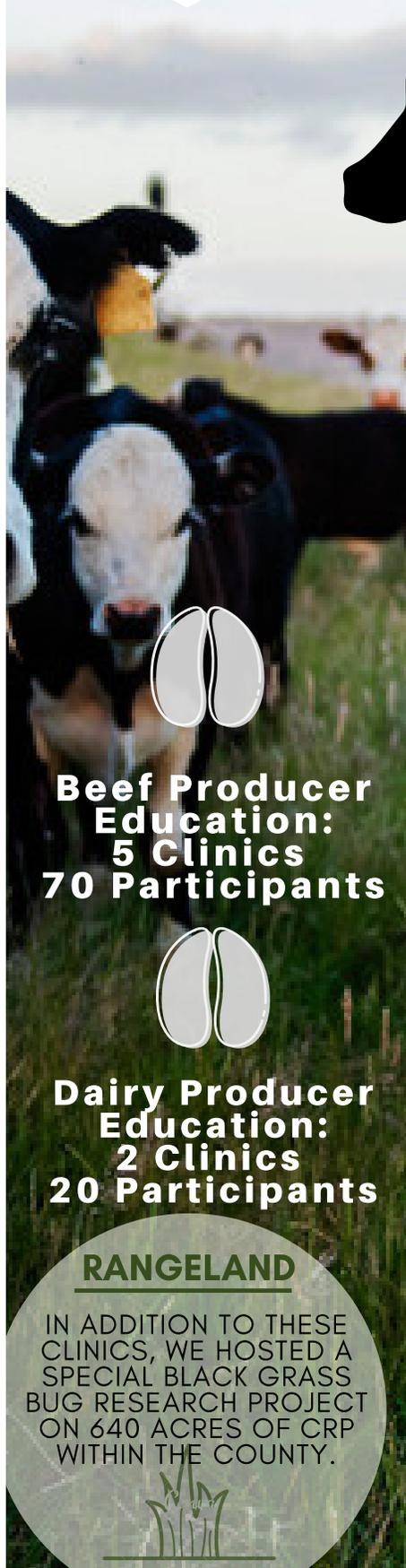
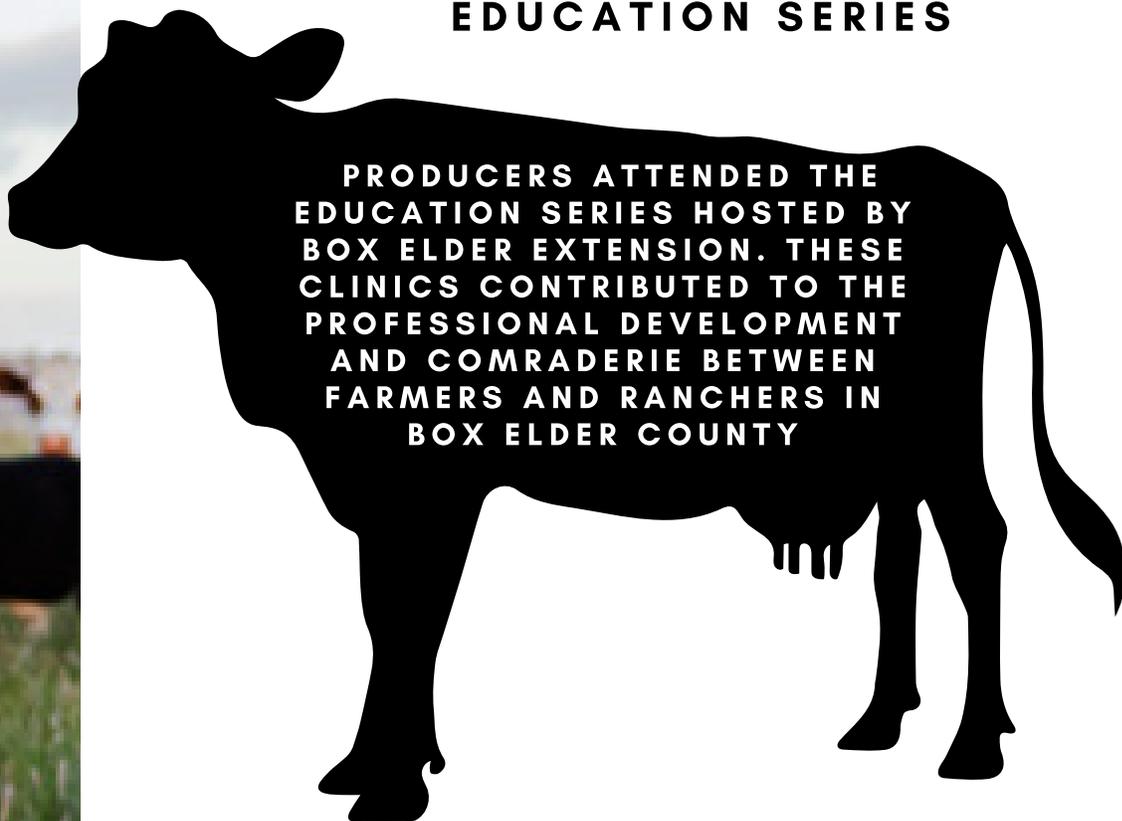
**8,000** Private acres shared amongst the 17 participants



**100% SAID THAT THE  
SUCCESSION  
TRAINING FORMED A  
VISION OF THE  
FUTURE FOR THEIR  
FARM/RANCH**

# Livestock Producers

EDUCATION SERIES



**Beef Producer Education:**  
5 Clinics  
70 Participants



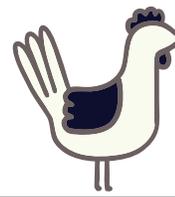
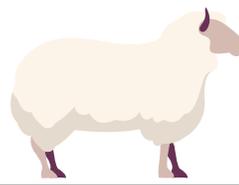
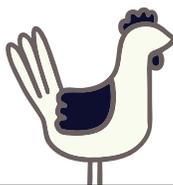
**Dairy Producer Education:**  
2 Clinics  
20 Participants

## RANGELAND

IN ADDITION TO THESE CLINICS, WE HOSTED A SPECIAL BLACK GRASS BUG RESEARCH PROJECT ON 640 ACRES OF CRP WITHIN THE COUNTY.



- *Calving Timelines*
- *Range Management/Development*
- *Beef Cattle Futures*
- *Range Insurance*
- *Mineral Supplementation Strategies*
  
- *Dairy Insurance and Futures Dairy*
- *Disease Mitigation and Prevention*



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**Online Education Videos:**  
**Poultry, Sheep, etc.**  
**viewed by 8,200 people**



**BOX  
ELDER**

# County Fair

**INDDOOR EXHIBITS**



**163** 4-H Sewing Entries



**100** 4-H Canned & Baked Goods



**1,281**  
Total 4-H entries

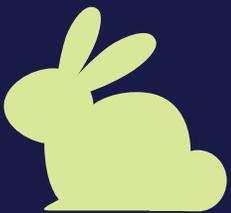
**CROPS BARN**

**931** total crop entries

The Tallest corn stalk at the Fair was ...

**18 ft Tall**

**LIVESTOCK**



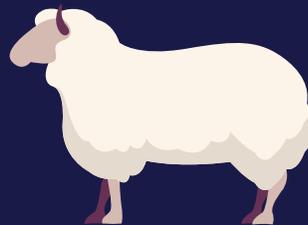
**501** Rabbits & Chickens



**27** Goats



**201** Hogs



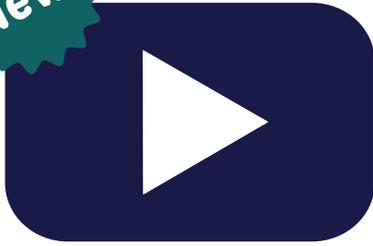
**397** Lambs



**106** Steers

# SOCIAL MEDIA IMPACTS

New!



Introducing...  
The USU Extension- Box Elder County  
Youtube Channel

12 Videos 1,076 Views

@USU Extension- Box Elder County

@USU Extension- Box Elder 4-H

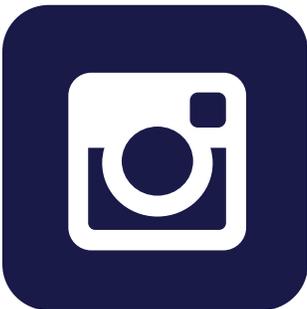


1,014

Followers

2,492

Videos Views



1,033

Followers



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