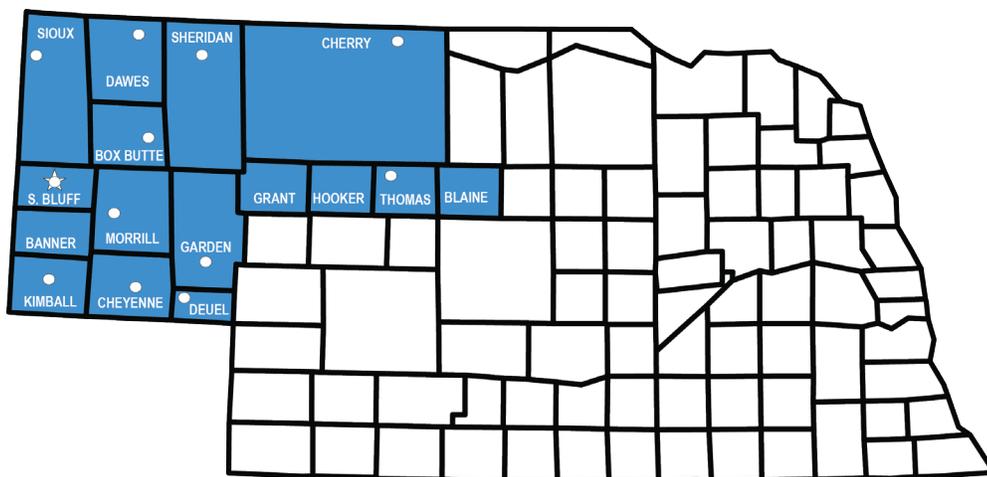


Nebraska Extension In the Panhandle:



Responsive. Innovative. Trusted.

The Panhandle Extension District - the shaded area in the map above - serves western Nebraska from a dozen local offices staffed by educators, 4-H aides and assistants, and office staff. Other Extension professionals are based at the Panhandle Research and Extension Center in Scottsbluff, the administrative headquarters for the Panhandle District.

More than a dozen specialists are based at the Panhandle Center. Members of the faculty in UNL's Institute of Agriculture and Natural Resources (IANR), most are responsible for both extension and research (a mission of UNL's Agricultural Research Division). So the specialists not only discover new knowledge about crops, livestock, weeds, water, insects, disease, or community vitality, they also share that knowledge directly with the public. In addition to the specialists, Panhandle Center staff includes nearly 40 technicians, support staff and administrators.

Teamwork is key. Specialists work in interdisciplinary teams, and also collaborate with colleagues from other UNL campuses, other universities, other nations, and local, state or federal agencies. But it all starts locally in western Nebraska. Our relationship with communities and local stakeholders is essential in identifying research needs.

Our locations:

- 12 county-based offices
- Panhandle Research and Extension Center, Scottsbluff
- High Plains Ag Lab, Sidney
- Sioux County Experimental Range
- Gudmundsen Sandhills Laboratory, Whitman

What we focus on:

- Beef Systems
- Community Vitality
- Cropping and Water Systems
- Food, Nutrition and Health
- 4-H Youth Development/Learning Child



Beef

Nebraska leads the nation in cattle feeding and beef production. Extension programming had an \$8.4 million impact on producers in 2014.

Beef production is the largest piece of Nebraska's agricultural sector. Our research is focused on cattle feeding and nutrition, cow-calf production, range and forage management, and rangeland ecology. One important focus is integration of livestock and cropping systems. We have the capacity and resources to conduct research in real-world conditions, including a 105-pen feedlot; a working Sandhills ranch; and dedicated range and pasture sites totaling more than 2,000 acres. Specialists' areas of expertise: Cow-calf production/range management; feedlot nutrition and management; and range and forage management. Research from the Panhandle and statewide is compiled in the annual Beef Report.

Extension and Outreach (Panhandle and statewide):

- Feedlot Roundtables
- Range Beef Cow Symposium
- High Plains Ranch Practicum
- Ranching for Profitability Series
- Estate and Transition Planning Series
- Cattlemen's Days



- Quick 6 Profit Tips Series
- State of Beef Conference

On the Web:

Beef Cattle Production: <http://beef.unl.edu>

Extension Publications:

<http://extensionpubs.unl.edu>

Crops & Water Use

Unbiased, research-based information is vital to help farmers feed a growing world population on limited water and soil resources in the face of a changing climate. The Panhandle Center has research plots, irrigation systems, greenhouses, and laboratories. Research is focused on crops and conditions specific to western Nebraska. Areas of expertise: ag economics; alternative crops breeding; crop physiology; dry edible bean breeding; dryland cropping systems; entomology; groundwater geology; horticulture; plant pathology; soil and nutrient management; irrigation and water management; and integrated weed management. We also study the region's groundwater resources and help homeowners conserve water in the landscape.

Extension and Outreach:

- High Plains Advanced Cropping School
- Workshops on management and economics
- Crop Production Clinic
- Dry Bean Field Days
- High Plains Ag Lab Field Day

In 2014, Extension Educators presented workshops in over 94 locations attended by an estimated 4,000 participants



- Wheat and pea variety trial field days
- Annie's Project
- Master Gardener Program and Turf Conference

On the Web:

Cropwatch: <http://cropwatch.unl.edu>

UNL Water: <http://water.unl.edu>

Extension Publications:

<http://extensionpubs.unl.edu>

Food, Nutrition & Health

In 2014, 53,000 Nebraskans were involved in Extension programs to benefit their nutrition and health habits.

Extension uses research-based information and material to provide people of all ages with knowledge and skills to make healthy lifestyle choices. We also support and work with businesses, child-care providers, schools and other organizations to make it easier to make healthy choices in the places where people live, work, play and learn.

Extension and Outreach:

- Supplemental Nutrition Assistance Program Education (SNAP-Ed): Resource management, food safety, meal planning, cooking skills, nutrition and physical activity balance
- Food Smart Families
- National Diabetes Prevention Program
- ServSafe Food Service Managers Training
- Slim By Design™
- Tai Chi for Better Balance
- Control Diabetes for Life
- MyPlate Dietary and Physical Activity classes, webinar series, and health fairs
- Get Your Geek On Food Science Workshop



- After-school Food and Fitness Club
- Chef's Club
- Blender Bike

On the Web:

UNL Food: <http://food.unl.edu>

Extension Publications:

<http://extensionpubs.unl.edu>

Community Vitality

Through the Nebraska Broadband Initiative, 82% of households better understand how they use broadband.

Extension's Community Vitality Initiative is aimed at "making the good life great" in every Nebraska community, large and small, by helping create 21st-Century Communities; engaging youth and young adults; and growing Nebraska Businesses.

Extension and Outreach:

Building 21st Century Communities:

- Entrepreneurial Communities Activation Process - (ECAP)
- New Resident Recruitment and Retention - Marketing Hometown America
- Western Region Broadband Plan
- Engaging Youth and Young Adults
- Sandhills Youth Leadership & Entrepreneurship

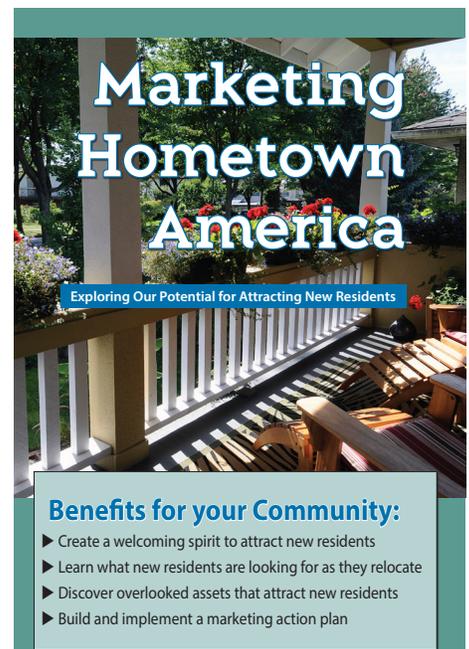
- 7 Habits for Highly Effective Teens
- Entrepreneurship Science Investigation - ESI

Growing Nebraska Business:

- Customer Service - Tourism-Focused, Red Carpet Service
- Enhancing Your Online Marketing Strategy
- Online Marketing Curricula:
- Direct Marketing of Food Specialty Products
- eTailing - Taking Charge of Your Online Presence
- Marketing AgriTourism Online

On the Web:

Community Vitality Initiative:
<http://communityvitality.unl.edu>



Extension Publications:

<http://extensionpubs.unl.edu>

Youth & Early Childhood

In Nebraska, 140,000 youth -- one in three of all age-eligible youth -- are enrolled in 4-H.

Extension helps youth develop life skills through 4-H, school enrichment, after-school programs, and other programs that engage youth in learning experiences, provide meaningful leadership experiences, let them explore their interests and strengths, and connect them to careers and the education needed. Early childhood programming reaches families and care providers with the importance of social emotional development and forming positive attachments for young children.

Extension and Outreach:

- 4-H clubs
- The Animals Inside and Out Field Day
- Early Child Care Provider Conferences
- Entrepreneurship Investigation
- Sandhills Leadership
- People Restoring, Involvement, Dignity, and Excellence (PRIDE)
- After-school and summer school programs
- Together Everyone Achieves Most Success (TEAMS)
- 4-H Mentoring
- Seven Habits for Effective Teens
- Entrepreneurship Science Investigation - ESI



On the Web:

The Learning child: <http://child.unl.edu>

Nebraska 4-H: <http://4h.unl.edu>

Extension Publications:

<http://extensionpubs.unl.edu>



Contact Us

Panhandle Research and Extension Center:

4502 Avenue I, Scottsbluff, NE 69361

308-632-1230

web: <http://panhandle.unl.edu>

County-Based Extension Offices

Box Butte County (Alliance)

308-762-5616

Central Sandhills (Blaine, Grant, Hooker, Thomas)

308-645-2267

Cherry County (Valentine)

402-376-1850

Cheyenne County (Sidney)

308-254-4455

Dawes County (Chadron)

308-432-3373

Deuel County (Chappell)

308-874-2705

Garden County (Oshkosh)

308-772-3311

Kimball-Banner County (Kimball)

308-235-3122

Morrill County (Bridgeport)

308-262-1022

Scotts Bluff County (Scottsbluff)

308-632-1480

Sheridan County (Rushville)

308-327-2312

Sioux County (Harrison)

308-668-2428

Links to County Extension Websites

Browse to panhandle.unl.edu, click on "About Us"