



**COLORADO STATE UNIVERSITY
EXTENSION**



Beef

Project levels are designed for members 8-18 years old.

Starting Out - Beginner *Inspiring youth to:*

- Learn about beef cattle
- How to identify the parts of a calf
- Identify breeds of cattle
- Different types of feeds
- Evaluating different beef animals
- Purchase, feed and care for animals
- Evaluate project with leader
- Learn about goal setting
- Learn how to keep records
- Exhibit an animal on tour, achievement day or at the fair
- Learn how to assume responsibility

Exploring Depth - Advanced *Inspiring youth to:*

- How to deal with current issues relating to raising beef
- Gain leadership skills by helping others learn about cattle
- Explore career opportunities in the beef industry

Learning More - Intermediate *Inspiring youth to:*

- Learn about nutritional requirements for beef cattle
- Learn about a cow's digestive system
- Identifying common cattle diseases
- Learn about goal setting
- Gain knowledge of sound management practices
- Exhibit an animal on tour, achievement day or at the fair
- Develop sportsmanship
- Develop public speaking skills

- Investigating technology's impact on beef production
- Exhibit an animal on tour, achievement day or at the fair
- Build lifelong friendship

Colorado State University, U.S Department of Agriculture and Colorado counties cooperating. To simplify technical terminology, trade names or products and equipment occasionally will be used. No endorsement of product names is intended nor is criticism implied of products not mentioned.

Colorado State University Extension is an equal opportunity provider. Colorado State University does not discriminate on the basis of disability and is committed to providing reasonable accommodations. CSU's Office of Engagement and Extension ensures meaningful access and equal opportunities to participate to individuals whose first language is not English. <https://col.st/OWMJA>

Colorado State University Extension es un proveedor que ofrece igualdad de oportunidades. Colorado State University no discrimina por motivos de discapacidad y se compromete a proporcionar adaptaciones razonables. Oficina de Involucramiento y Extensión de CSU garantiza acceso significativo e igualdad de oportunidades para participar a las personas quienes su primer idioma no es el inglés. <https://col.st/OWMJA>



Beef

Tips:

- Use only fresh, high quality feed and remove stale feeds from the bunk.
- Feed regularly, preferably two or three times a day.
- Observe regularly for signs of distress or injury.
- Provide clean, fresh water at all times.
- A calf weighing 500 pounds will drink 5-12 gallons of water.
- It takes about 2500 pounds of grain and 2000 pounds of hay to properly feed a market calf over the last 170 days.
- Before starting a beef project you should consider that it may have a sizeable investment in excess of \$2000.00. You should develop a cash flow budget and be sure that you have adequate funding for this project.

- The 4-H Beef project is an excellent way to learn about the different phases of the beef industry.
- Your involvement in this project allows you the opportunity to develop and use new life skills by caring for a market animal or building your own herd.



Resources:

- Exhibit & Judging Requirements
- Record Books
- Manual Information

Located at: Colorado4h.org



**Beyond
Ready**

Beef Industry Careers



Beef Extension Specialist

Provides research based information in various areas of the industry



Veterinarian

A medical professional who protects the health and well-being of animals



Feedlot

There are various positions that a person can hold within a feedlot



Nutritionist

Creates a diet for animals based on their genetics and production goals



**COLORADO STATE UNIVERSITY
EXTENSION**

Degrees/Certifications:

Animal Science

Ag. Marketing

Beef Production

Animal Nutrition

Ag. Business

Masters of Agriculture



Breed Association

Records data collected from registered cow herds



Food Safety Inspector

Inspects beef products to ensure food safety



Commercial Cattle Producer

A person who raises cattle to supply feedlots



A.I. Technician

A person who assist with the breeding of livestock species