



## Beef

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

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### 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

### 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

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



# 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.



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## Resources:

- Exhibit & Judging Requirements
- Record Books
- Manual Information

Located at: [Colorado4h.org](http://Colorado4h.org)

# 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



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## **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