

**Sand & Sage Round-Up  
Market Beef Livestock Test Int. Study Guide**

Beef Resource Book 4-H 117R, Sand and Sage Round-Up Fairbook

**Bloat**-Abnormal condition in ruminants due to accumulation of gasses; usually seen on animal's upper left side.

**Bovine**-An animal in the cattle group

**Bull**-An intact (non-castrated) male.

**Calf**-A young beef animal less than one year of age.

**Castrate**-To remove the testes from a bull so that it cannot reproduce.

**Conformation**-The general shape or structure of a beef animal's build.

**Cow**-A fully grown female beef animal.

**Crossbred**-An animal that has parents from different breeds.

**Cud**-The bolus of feed that cattle regurgitate from the rumen and chew.

**External Parasites**-Parasites that live on the outside of beef.

**Feeder Calf**-A young calf, 5 to 9 months of age, that is weaned and started on a feeding program.

**Finish**-Amount of fat cover on an animal.

**Flight Zone**-The animal's safety zone.

**Forages**-Plants used as feed for livestock.

**Heifer**-A young female beef animal that has not calved.

**Herd**-Cattle that are kept together.

**Internal Parasites**-Parasites that live inside the body of beef cattle.

**Minerals**-Elements required by cattle to build bones and teeth and to support other life processes.

**Nutrients**-Ingredients that make up a ration.

**Polled Breed**-Cattle that do not grow horns.

**Protein**-A dietary nutrient that supplies amino acids to the calf.

**Purebred**-An animal whose parents are from the same breed.

**Ration**-A daily mixture of feed ingredients given to cattle.

**Roughage**-Coarse or bulky feeds that are high in fiber. Ex.: corn silage, pasture and hay.

**Ruminant**-An animal that has four stomach compartments.

**Steer**-A castrated male calf.

**Structural Correctness**-The condition of the skeleton, especially the feet and legs, of cattle.

**Vitamins**-Dietary nutrients needed in very small amounts for body functions.

**Wean**-To take the calf from its mother.

**Yearling**-A calf that is 12 months old.

**Know the Essential Nutrients for Beef**

Be familiar with Muscling, Frame Size, Finish, Frame Score, Structural Correctness, and Thriftiness.

Be familiar with different types of breeds of cattle and how to identify beef animals.

**Know the Retail and Wholesale Cuts of Beef**

**Know Showmanship Skills and how to Groom and Fit you animal.**

**Know about the general health of Beef Cattle and how to figure profit and loss and average daily gain.**

**Know the Parts of the Beef**



