**KNOW YOUR FEED**

Listed below are feed ingredients for Beef. List what feed group each of the ingredients would fit into. Choose between:

“E” Energy Nutrient Group

“M” Mineral Nutrient Group

“P” Protein Nutrient Group

 Ingredient Group

Whole Grain Oats \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cracked Corn \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Soybean Meal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Trace Mineral Salt \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dried Whey \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Corn Gluten Feed \_\_\_\_\_\_P\_\_\_\_\_\_\_\_\_\_

Dry Molasses \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ground Limestone \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ground Corn \_\_\_\_\_\_E\_\_\_\_\_\_\_\_\_\_

White Salt \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Steam Rolled Barley \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Distillers Grain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cottonseed Meal \_\_\_\_\_\_P\_\_\_\_\_\_\_\_\_\_

Brewers Grain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Many people do not realize that a considerable portion of the beef that they consume

 is produced by cattle of dairy breed origin. Approximately \_\_\_\_\_ to \_\_\_\_\_% of all fed

 steers and heifers marketed in the U.S. are Holstein fed animals.

2. There are different types of markets for livestock. List the eight types explained in

 the Beef Resource Handbook (4-H 117R).

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Show cattle sent to market can sometimes be a dark cutter, which is caused by

 long-term stress. List three ways you would minimize dark cutting incidence.

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4. Keeping a safe food supply is important. Not all medications pose a potential residue

 problem. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ time listed on labels tells you when to

 remove medication to prevent illegal residues.

5. Explain what “extra label drug use” means.

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6. On page 12-11 of the Beef Resource Handbook is a sample label for Omnibiotic. You

 are treating a 750 lb. calf for foot rot. What dosage should you use?

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7. A 1000 pound beef animal will produce about \_\_\_\_\_\_\_\_\_\_\_\_ pounds of manure

 per day.

8. What makes manure smell? The primary odor causing components in manure are

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.