

White County 4-H
Beef Educational Activities – 8th Grade
Project Year _____

4-H'er Name _____ Club _____

Activity #1 - Carcass Terms

a. Carcass

b. Cwt.

c. Dressing

d. Dressing Percentage

e. Fat Thickness

f. KPH

g. Lb.

h. Ossification

i. Packer

j. Quality Grade

k. Retail Cuts

l. Retailer

m. Rib Eye Area

_____ The amount of fat contained in the regions of the kidney, pelvis and heart as a percentage of the carcass weight.

_____ The surface area of the longissimus dorsi (eye) muscle between the 12th and 13th rib.

_____ The cuts of meat that the consumer buys at the meat counter.

_____ The person or entity that harvest (slaughters) and dresses the animal and sells the carcass whole or as primal and wholesale cuts.

_____ An abbreviation meaning hundredweight or 100 pounds.

_____ An abbreviation meaning pound.

_____ The removal of the hide, head, tail, lower legs, blood, organs (except kidney), and gastrointestinal tract at slaughtering,

_____ The proportion of carcass weight relative to live weight of an animal.

_____ The muscle, bone, and fat associated with the harvest of an animal, after removal of the head, hide, feet and internal organs.

_____ The person or entity that buys primal or wholesale cuts and then processes and packages retail cuts for the consumer.

_____ When cartilage turns from soft tissue to hard bone-like structure.

_____ A grade that reflects palatability (flavor, tenderness, and juiciness) and is determined by estimating the amount of marbling and the physiological age.

_____ The typical linear measurement of fat taken over the rib eye between the 12th and 13th rib.

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Activity #2 - Feeding the Beef Cow

When do you monitor a cows body condition score (BCS)

1. _____
2. _____
3. _____
4. _____
5. _____

List and Describe BCS Descriptions

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

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Activity #3 Medication Insert

Before administering any drug to an animal, you must be knowledgeable about the information on the drug insert. Identify the drug insert below by identifying all ten parts of the medication insert in the blanks provided.

Medication Insert

1. _____ **OMNIBIOTIC**

(hydrocillin in Aqueous Suspension) 2. _____

For use in Beef Cattle, Lactating and Non-Lactating Dairy Cattle, Swine and Sheep
Read Entire Brochure Carefully Before Using This Product 3. _____

Active Ingredients: Omnibiotic is an effective antimicrobial preparation containing hydrocillin hydrochloride. Each ml of this suspension contains 200,000 units of hydrocillin hydrochloride in an aqueous base.

4. _____ **Indications:** Cattle—bronchitis, foot rot, leptospirosis, mastitis, metritis, pneumonia, wound infections; Swine—erysipelas, pneumonia. Sheep—foot rot, pneumonia, mastitis, and other infections in these species caused by or associated with hydrocillin susceptible organisms.

Recommended Daily Dosage
 The usual dose is 2 ml per 100 lb. of body weight given once daily. Maximum dose is 15 ml/day.

<i>Body Weight</i>	<i>Dosage</i>
100 lb.	2 ml
300 lb.	6 ml
500 lb.	10 ml
750 lb. or more	15 ml

5. _____

Continue treatment for 1 to 2 days after symptoms disappear.


6. _____ **Caution:** 1) Omnibiotic should be injected deep within the fleshy muscle of the neck. Do not inject this material in the hip or rump, subcutaneously, into a blood vessel, or near a major nerve because it may cause tissue damage. 2) If improvement does not occur within 48 hours, the diagnosis should be reconsidered and appropriate treatment initiated. 3) Treated animals should be closely observed for at least 30 minutes. Should a reaction occur, discontinue treatment and immediately administer epinephrine and antihistamines. 4) Omnibiotic must be stored between 2° and 8°C (36° to 46°F). Warm to room temperature and shake well before using. Keep refrigerated when not in use.

7. _____

8. _____

9. _____ **Warning:** Milk that has been taken from animals during treatment and for 48 hours (4 milkings) after the last treatment must not be used for food. The use of this drug must be discontinued for 30 days before treated animals are slaughtered for food.

10. _____ **How Supplied:** Omnibiotic is available in vials of 100 ml.



TAKE TIME
OBSERVE LABEL DIRECTIONS

