

Douglas County Livestock Skill-A-Thon

Class 4 – Animal Health – Levels I and II must be able to read and identify a medicine label. Levels III and IV should be able to explain diseases, current events about animal health, and/or biosecurity risks.

Level I and II should identify and label five (5) tags on the medication label.

Points: Five (5) points per tag - 25 total points

Level III and IV should identify diseases, current events about animal health, and/or biosecurity risks.

Points: Five (5) points per correct answer - 25 total points

Quality Assurance Example Topics:

Medication Insert

OMNIBIOTIC *Name of Drug*
(Hydrocillin in Aqueous Suspension) *Active Ingredient(s)*

For use in Beef Cattle, Lactating and Non-Lactating Dairy Cattle, Swine and Sheep *Species and Animal Class*
Read Entire Brochure Carefully Before Using This Product

For Intramuscular Use Only

Active Ingredient(s): 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.

Approved Uses

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.

Body Weight	Dosage
100 lb	2 ml
300 lb	6 ml
500 lb	10 ml
750 lb or more	15 ml

Continue treatment for 1 to 2 days after symptoms disappear.

Caution: 1. Omnibiotic should be injected deep within the fleshy muscle of the neck. Do not inject this material into 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.

Warning: Milk that has been taken from animals during treatment and for 48 hours 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.

Cautions and Warnings

Storage Requirements

Withholding Time

Sizes Available **How Supplied:** Omnibiotic is available in vials of 100 ml.

This activity adapted from information found in the Quality Assurance and Animal Care: Youth Education Program based upon work supported by the Extension Service, United States Department of Agriculture under special project number 161 EPR-8 1096 (Figure 12.04)

You may go to www.yqca.org for more details.

[Kansas Department of Agriculture: Vesicular Stomatitis Virus \(VSV\)](#)

[Livestock Biosecurity](#)

[Biosecurity Risk Assessment: Farm Visitors and Exhibitions](#)

[Animal Diseases](#)