

### What commercial feed products are regulated?

The commercial feed law regulates materials offered for sale as feed or for mixing in feed with the exemption of whole, unprocessed grain, raw meat, hay, straw, stover, silage, cobs, husks and hulls when unground and not mixed with other materials. Typical products regulated include pet foods, complete and concentrate feeds for livestock and poultry, soybean meal and other feed ingredients, drug premixes, vitamin and mineral supplements, liquid feed and protein blocks.

Registration of each commercial feed is required before distribution to ensure that required information is provided to the consumer. This involves annual review of approximately 10,000 labels. Medicated feeds are reviewed for approved drug usage, statement of drug purpose and any required warning, caution or special feeding instructions. Misleading and unsubstantiated information is prohibited.

### So, how does the feed regulatory program work for beef cattle feeds?

**ALL** beef cattle complete feeds and supplements in Kentucky are required to be labeled with specific information. Feed labels are the fundamental basis for providing consumer information and protection, equitable competition and regulation. Effective labeling is essential to accomplish these objectives.

Regulatory efforts continue to assist manufacturers to provide informative labeling that promotes the safety and usefulness of feeds for livestock producers.

## The Division of Regulatory Services

### Our Mission

As a part of the Kentucky Agricultural Experiment Station in the UK College of Agriculture, Food and Environment, Regulatory Services is committed to service and consumer protection of Kentucky citizens, businesses, and industries. Our programs monitor and analyze feed, fertilizer, milk, seed, and soil and are administered using a cooperative, science-based approach.

### Want to know more?

If you have any questions about feed labeling requirements or the other duties of the program, please visit our website at:

[www.rs.uky.edu/regulatory/feed](http://www.rs.uky.edu/regulatory/feed)

You can also email [ukfeed@uky.edu](mailto:ukfeed@uky.edu) or call our office where our staff will be happy to assist you. Our number is (859) 257-2785.



## BEEF CATTLE



## Understanding and Evaluating Medicated Beef Cattle Feed Labels

Feed Regulatory Program  
Division of Regulatory Services

103 Regulatory Services Building  
Lexington, Kentucky 40546-0275

## What information is required on a label?

The basic information you should find on most labels will include the product name, the product purpose statement, a guaranteed analysis, the ingredient statement, the manufacturer name and address, a net weight statement, and feeding directions.

Your label will likely resemble the one to the right. (Remember, some labels contain only basic information, while others are more in-depth.)

Here's what each section of this label tells you...

### Ingredient Statement

Commercial feeds, other than customer formula feeds, shall have an ingredient statement listing the feed ingredients.

### Feeding Directions

Directions for use should provide at a minimum basic information on how to feed the product safely and effectively. This may include any caution and warning statements for medicated feeds required per Federal CFR guidelines.

### Manufacturer Information

The company or person taking responsibility for the product must be listed on the label with their name and address. These individuals must be registered in the state and are the responsible party.

### Beef Cattle Feed

For growing and finishing beef cattle

#### Medicated

Control of bacterial pneumonia associated with shipping fever complex caused by *Pasteurella spp.* susceptible to Chlortetracycline

#### Active Drug Ingredient

Chlortetracycline 140 gram/ton

#### Guaranteed Analysis

CRUDE PROTEIN, min	14.0%
(This includes not more than 3.0% equivalent crude protein from non-protein nitrogen)	
CRUDE FAT, min	1.5%
CRUDE FIBER, max	14.5%
CALCIUM (Ca), min	1.0%
CALCIUM (Ca), max	1.5%
PHOSPHORUS (P), min	0.7%
SALT (NaCl), min	0.4%
SALT (NaCl), max	0.9%
POTASSIUM min,	1.0%
COPPER min,	20 ppm
SELENIUM (Se), min	0.30 ppm
VITAMIN A, min	25,000 IU/lb

#### Ingredients

Processed Grain By-Products, Molasses Products, Roughage Products, Forage Products, Urea, Calcium Carbonate, Salt, Potassium Chloride, Zinc Sulfate, Manganese Sulfate, Copper Sulfate, Cobalt Sulfate, Calcium Iodate, Sodium Selenite, Vitamin A Acetate, Zinc Amino Acid Complex, Calcium Propionate (a preservative).

#### Feeding Directions

Each pound of this medicated feed contains 70 mg of Chlortetracycline. Feed at a rate of 5 LBS per head per day to provide 350 mg Chlortetracycline to growing and finishing beef cattle. Provide plenty of fresh, clean water at all times.

**Withdraw 48 hours prior to slaughter.**

**WARNING:** A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

**CAUTION:** Federal law restricts medicated feed containing this Veterinary Feed Directive (VFD) drug to use by or on the order of a licensed veterinarian.

Beef Feed Inc.  
103 Regulatory Services Bldg.  
Lexington, KY 40546

NET WT 50 LB (22.67 kg) or bulk invoice

### Product name and Purpose Statement

Describes the product as well as the species and classes for which it is intended. Medicated feeds require an active ingredient statement and statement of drug purpose.

### Guaranteed Analysis

Guarantees are required for all feed products. At a minimum, beef cattle complete and supplement feeds\* should guarantee the following nutrients:

- Minimum percentage of crude protein;
- Maximum percentage of equivalent crude protein from non-protein nitrogen (if added)\*\*;
- Minimum percentage of crude fat;
- Maximum percentage of crude fiber OR acid detergent fiber (ADF);
- Minimum and maximum percentage of calcium;
- Minimum percentage of phosphorus;
- Minimum and maximum percentage of salt (if added);
- Minimum and maximum percentage of total sodium, if the total sodium exceeds that furnished by the maximum salt guarantee;
- Minimum percentage of potassium; and
- Minimum vitamin A, other than precursors of vitamin A, in international units per pound (if added).

\*The required guarantees for beef mineral products differ from the above

\*\*Some commonly used sources of non-protein nitrogen include: Urea, Feed Grade Biuret, and Ammonium Chloride.

### Quantity Statement

Each package, container, or bulk lot must contain an accurate statement of net quantity. The statement's terms of weight or measure should be expressed in ounce—pound units and must include the appropriate metric unit such as 50 LB. (22.67 kg) or bulk invoice.