

## Ever Wonder How to Read a Feed Tag?

Posted by: Kalmbach Feeds  
12 Sep 2013

As livestock and pet owners, we spend a lot of time in stores reading feed tags. The feed tag contains important information for you and your animals. From having a few laying hens in the back yard, to show pigs, or even a large dairy operation, people read feed tags to pick the right products to meet overall objectives of each type of livestock.

No matter what type of animal feed you are purchasing, it must have a feed tag associated with it. Sometimes the feed tag is printed on the bag itself, but most of Kalmbach's tags are sewn to the bottom of the bag. Even if you buy your feed in bulk, a printed feed tag accompanies the feed.

### What is the purpose of the feed tag?

A feed tag helps the purchaser select a product to meet the needs of their animals. It also instructs the purchaser how to use the product effectively to obtain the best results. Additionally, it puts all products on a level playing field....comparing apples to apples and not oranges to apples. This means that Company A's guarantee of Crude Protein is defined or measured the same as Company B's guarantee of Crude Protein.

### What information is on a feed tag?

1. Product Name.
2. Purpose of feed product: type (complete, supplement, premix, etc.) species, class, medication reason, and other information about how to use the product safely and effectively.
3. Levels of essential nutrients in the product (Guaranteed Analysis).
4. Ingredients in the product.
5. Feeding directions.
6. Warnings and cautions of the product (example: withdrawal time of medication).
7. Person or firm responsible for the feed (they must be registered within the state of sale).
8. Net weight of package.

### What does the information on a feed tag mean to me or my animal?

#### *1. The Product Name*

The product name must be appropriate for the feed's intended use and may not be misleading in any way. An example is that there will be several 12% Crude Protein feeds being sold in plain white bags in the market place, but if you are looking for a 12% sheep feed, then make sure the product is called 12% Sheep Feed and not 12% Goat Feed. There are also Branded Names, such as Kalm 'n Ez®. Also, there are products called All-Stock feeds, which means this product can technically be fed to all species and will most likely contain no added copper that could harm sheep.

#### *2. The product purpose statement*

The purpose statement provides you with information for specific species and animal classes for which the feed is intended. This is really important in medicated feeds because it provides the FDA approved use of that medicated feed. For example, "a swine starter feed formulated for control of swine dysentery...". Further detail in the tag should also state the withdrawal of this feed (42 days). Thus, you would not want to feed this diet to a finisher pig because of the withdrawal period.

#### *3. Guaranteed Analysis*

Guarantees are required for all feed products. Individual guarantees are set by AAFCO\* for each species and type of product (a premix could require different information than a complete feed). Other nutrients can be listed as a guarantee by the manufacturer. Crude Protein, Crude Fat, amino acids, vitamins, and macrominerals (Phosphorus, Magnesium,

Potassium, and Sodium), microminerals (Zinc, Manganese, and Selenium) are usually guaranteed by a minimum because certain levels of these nutrients are important to different species, classes, or age of animals. For example, a young growing chick requires more protein for muscle deposition versus a mature laying hen that has reached her peak weight and body size.

Crude Fiber is usually guaranteed as a maximum amount. This is because high fiber ingredients can be cheaper compared to lower fiber ingredients and can therefore be used to maintain lower feed costs.

Copper is a micromineral that in most cases is labeled as a minimum guarantee, but because sheep have a low tolerance of copper, a minimum and maximum are required on sheep and goat tags (AAFCO). Additionally, if copper is not added to an all-stock, sheep, or goat feed then copper might not be guaranteed. If this is the case, this note will be added to the tag: “No added copper.”

Calcium and Salt are required to be guaranteed in a range (minimum to maximum) to ensure safe and adequate levels for all animals. Another item that may be listed in the guaranteed analysis includes non-protein nitrogen (urea). This is expressed under the Crude Protein minimum and will read similar to “Includes not more than X% equivalent crude protein from non-protein nitrogen”.

Manufacturers must list the required nutrients by AAFCO for each species and/or class and/or type of product. Many may list other nutrients as well, but those must be measurable through an approved laboratory method.

#### ***4. Ingredients in the product***

Ingredients are either listed individually or as collective terms. Individual ingredients are grouped by collective terms defined by AAFCO. Collective terms include Animal Protein Products, Forage Products, Grain Products, Plant Protein Products, Processed Grain By-Products, and Roughage Products.

#### ***5. Feeding directions***

Feeding directions are crucial in providing the proper nutrients to your animals on a daily basis. There are different types of directions. For instance, the feeding directions may be for a specific time period, i.e. the initial seven days post-weaning. Or feeding rates may be provided by bodyweight ranges and then by exercise amount. This is to provide the optimal, but not excessive levels of nutrients. If the feed is a premix, the premix directions will give mixing directions for every type or stage of poultry production. It is crucial to mix ingredients per the instructions for the specific species and class of animal to ensure overall success and well being of your animals.

#### ***6. Warnings and cautions of the product (example; withdrawal of medication)***

Warning and/or caution statements are critical to read and understand. Several warnings are associated with withdrawal periods of different medications. Caution statements are also required by the FDA when using specific medications and/or levels in feeds. These caution and warning statements are crucial for ensuring proper well being of your animals and should not be taken lightly.

#### ***7. Person or firm responsible for the feed (they must be registered within the state of sale)***

The firm on the tag is not always the manufacturer of the product. A statement such as “Manufactured for” versus “Manufactured by” will be on the tag. If you have issues, the firm listed on the tag is legally responsible.

#### ***8. Net weight of package***

This tells you the exact weight of the product you are purchasing.

In summary, Kalmbach Feeds stresses the importance of taking time to read and understand your tags in order to be fully aware of the feed you are giving your livestock and pets. If you have any further questions about how to better understand your feed tags or if you would like to learn more, please contact your local Kalmbach Feeds representative today.

# PREMIUM DAIRY GOAT PELLET

## Product Description

**PREMIUM DAIRY GOAT PELLET** is a high protein, high energy, fixed component feed designed to maximize production and promote healthy growth.

**PREMIUM DAIRY GOAT PELLET** is formulated for all categories: kids, and dry, pregnant, and lactating does. Each pound of feed is supplemented with 80 IU of vitamin E, an antioxidant to help the immune system.

## Features and Benefits

**High Protein (20% min.)** - Promotes high milk production and optimum growth.

**High Energy** - Allows for maximum production.

**Pelleted Form** - No chance of goats sifting out ingredients.

**Highly Palatable** - Consistent intake.

**Yeast Culture** - Promotes a healthy gut, resulting in improved fiber digestion.

**Probiotics** - Promotes a more stable digestive tract environment, resulting in improved digestion and overall goat health.

**Fixed Components** - Premium Dairy Goat Pellet is a consistent formula using only the highest quality ingredients to prevent sudden changes in the diet and to improve digestive health and function.

**Chelated (Organic) Trace Minerals** - More bioavailable for greater absorption and utilization of zinc, copper and manganese to meet the increased needs for lactation in does and bone, muscle, and tissue strength during growth. In addition, overall reproductive performance and efficiency is enhanced in breeding goats.

## Suggested Feeding Program

**BLUE SEAL PREMIUM DAIRY GOAT PELLET** is designed specifically to be fed to goats in accordance with the following suggested feeding program: When roughages fed are mixed hay mostly grass or average pasture, **PREMIUM DAIRY GOAT PELLET** is excellent for:

1. Kids, 3 wks. - 6 mos. of age - feed free choice.
2. Dry, pregnant doe - feed about ¼- ½ lb./day.
3. Lactating doe, 11 - 13 lbs. milk/day - feed 5 - 7 lbs./day.  
8 - 10 lbs. milk/day - feed 2½ - 4½ lbs./day.  
4 - 6 lbs. milk/day - feed 1½ - 3 lbs./day.

The suggested feeding program above is intended solely as a guide. The variables of management, environment, and breed may dictate changes in the animals' requirements.



# PREMIUM DAIRY GOAT PELLET

## GUARANTEED ANALYSIS\*

Crude Protein, Min.....	20.0 %		
Crude Fat, Min.....	3.0 %		
Crude Fiber, Max.....	8.0 %		
Calcium, Min.....	0.75 %	Max.....	1.05 %
Phosphorus, Min.....	0.50 %		
Salt, Min.....	0.75 %	Max.....	1.25 %
Copper, Min.....	25 ppm	Max.....	40 ppm
Selenium, Min.....	0.4 ppm		
Vitamin A, Min.....	4000 IU/lb		

\*The analysis of this feed is guaranteed only under sampling, assay procedure, and permitted analytical variances recognized by the Feed Control Official in the state in which this product is sold.

## INGREDIENTS

Ground Corn, Dehulled Soybean Meal, Corn Distillers Dried Grains, Wheat Middlings, Wheat Flour, Cane Molasses, Soybean Hulls, Yeast Culture, Calcium Carbonate, Salt, Calcium Sulfate, Magnesium Oxide, Zinc Sulfate, Zinc Protein, Manganese Sulfate, Manganese Protein, Cobalt Carbonate, Calcium Iodate, Copper Sulfate, Copper Protein, Ferrous Sulfate, Sodium Selenite, Vitamin A Supplement, Vitamin D<sub>3</sub> Supplement, Vitamin E Supplement, Choline Chloride, Niacin, d-Calcium Pantothenate, Riboflavin, Thiamine Mononitrate, Pyridoxine Hydrochloride, Folic Acid, Vitamin B<sub>12</sub> Supplement, Biotin, Menadione Sodium Bisulfite Complex (Source of Vitamin K Activity), Brewers Dried Yeast, Dried Streptococcus Faecium Fermentation Product, Dried Lactobacillus Acidophilus Fermentation Product, Dried Saccharomyces Cerevisiae Fermentation Solubles.

Feeding Directions: See Reverse

CAUTION: This feed contains supplemental copper. Do not feed to sheep.

## MANUFACTURED BY

**BLUE SEAL FEEDS, INC.**

P.O. Box 8000, Londonderry, NH 03053

# CAPRINE CHALLENGER™

## Product Description

**Caprine Challenger™** is a high-protein, high-energy formulation of crimped oats, flaked and cracked corn, and pellets wrapped in highly palatable molasses. This highly fortified, fixed-component formula sweet feed is ideal for young growing kids, yearling replacements, inactive bucks, and dry and pregnant does.

## Features and Benefits

**High Protein (18% min.)** - Promotes high milk production and optimum growth.

**High Energy** - Allows for maximum production.

**Very Palatable** - Maintains consistent feed intake.

**Chelated Trace Minerals** - More bioavailable for greater absorption and utilization of zinc, copper and manganese to meet the increased needs for lactation in does and bone, muscle, and tissue strength during growth. In addition, overall reproductive performance and efficiency is sustained in breeding goats.

**Fixed Components** - A consistent formula to prevent sudden changes in the diet and to maintain good digestive health and function.

## Suggested Feeding Program

**Blue Seal® Caprine Challenger™** is designed specifically to be fed to goats in accordance with the following suggested feeding program:

When roughages fed are mixed hay mostly grass or average pasture, **Caprine Challenger™** is excellent for:

1. Kids, 3 wks. - 6 mos. of age: feed free choice.
2. Dry, pregnant doe: feed about 0.25 - 0.5 lb/day.
3. Lactating doe:   11 - 13 lbs. milk/day - feed 6 - 7 lbs/day.  
                          8 - 10 lbs. milk/day - feed 3.5 - 4.5 lbs/day.  
                          4 - 6 lbs. milk/day - feed 2 - 2.5 lbs/day.

Each pound of this feed has been supplemented with 70 IU of Vitamin E.

The suggested feeding program above is intended solely as a guide. The variables of management, environment, and breed may dictate changes in the animals' requirements.

*Selenium + Vitamin E  
↳ white muscle disease*



## CAPRINE CHALLENGER™ Coarse Goat Feed

### GUARANTEED ANALYSIS

Crude Protein, Min. ....	18.0%
Crude Fat, Min. ....	2.5%
Crude Fiber, Max. ....	8.0%
Calcium, Min. .... 0.60%   Max. ....	1.00%
Phosphorus, Min. ....	0.60%
Salt, Min. .... 0.75%   Max. ....	1.25%
Copper, Min. .... 25 ppm   Max. ....	40 ppm
Selenium, Min. ....	0.50 ppm
Vitamin A, Min. ....	6,000 IU/lb

### INGREDIENTS

Steam Crimped Oats, Steam Flaked Corn, Coarse Cracked Corn, Wheat Middlings, Dehulled Soybean Meal, Corn Distillers Dried Grains, Cane Molasses, Corn Meal, Salt, Calcium Carbonate, Yeast Culture, Vegetable Oil, Monocalcium Phosphate, Zinc Sulfate, Zinc Proteinate, Manganese Sulfate, Manganese Proteinate, Cobalt Carbonate, Calcium Iodate, Copper Proteinate, Ferrous Sulfate, Sodium Selenite, Vitamin A Supplement, Vitamin D3 Supplement, Vitamin E Supplement, DL-Methionine, Riboflavin, d-Calcium Pantothenate, Niacin, Folic Acid, Vitamin B12 Supplement, Biotin, Thiamine Mononitrate, Pyridoxine Hydrochloride, Menadione Sodium Bisulfite Complex (Source of Vitamin K Activity).

**CAUTION:** This feed contains supplemental copper. Do not feed to sheep.

MANUFACTURED BY  
BLUE SEAL® FEEDS, INC.  
P.O. Box 8000, Londonderry, NH 03053

*Vitamin E  
↳ anti-oxidant  
w/ antioxidants  
that damage  
DNA*

# MEAT GOAT GROW & FINISH DC PELLET - MEDICATED

## Product Description

**MEAT GOAT GROW & FINISH DC PELLET - MEDICATED** is a fixed component feed for growing and finishing meat goats. Decoquinatate (DC) is added for the prevention of coccidiosis in young goats. **MEAT GOAT GROW & FINISH DC PELLET** is formulated for rapid and efficient growth.

## Features and Benefits

**Fixed Components** - A consistent formula to prevent sudden changes in the diet and to improve digestive health and function.

**Pelleted Form** - High quality pellet provides a nutrient-dense ration with balanced nutrition in every bite. No chance of goats sifting out ingredients.

**Ammonium Chloride** - An aid in the prevention of urinary calculi.

**Yeast Culture** - Promotes a healthy functional gut environment, resulting in improved nutrient digestion and absorption.

**Chelated Trace Minerals** - More bioavailable for greater absorption and utilization of zinc, copper and manganese to meet the increased needs for bone, muscle, and tissue strength during growth.

## Suggested Feeding Program

**Feed Meat Goat Grow & Finish DC, Medicated** continuously at the rate of 2.5 lbs. per 100 lbs. of body weight daily to provide 22.7 mg. of decoquinatate per 100 lbs. of body weight. Feed for at least 28 days during periods of exposure or when experience indicates that coccidiosis is likely to be a hazard.

### FEEDING RATE

Animal weight (lbs)	Feed (lbs/day)
30	0.75
60	1.50
90	2.25

**Meat Goat Grow & Finish DC, Medicated** is a complete grain ration with roughage. Although this product can be used without hay, feeding supplemental roughage will reduce the incidence of digestive disorders.

The suggested feeding program above is intended solely as a guide. The variables of management, environment, and breed may dictate changes in the animals' requirements.



## MEAT GOAT GROW & FINISH DC PELLET - MEDICATED

A Complete Feed for Growing and Finishing Goats

For the prevention of coccidiosis in young goats caused by *Eimeria christensenii* and *Eimeria ninakohlyakimovae*.

**ACTIVE DRUG INGREDIENT:** Decoquinatate (from Deccox).... 18 g/ton

### GUARANTEED ANALYSIS

Crude Protein, Min.....	16.0%
This includes not more than 2.0% equivalent crude protein from non-protein nitrogen. (NPN from Ammonium Chloride)	
Crude Fat, Min.....	4.0%
Crude Fiber, Max.....	16.0%
Calcium, Min.....	0.50% Max..... 1.00%
Phosphorus, Min.....	0.45%
Salt, Min.....	0.50% Max..... 1.00%
Copper, Min.....	18 ppm Max..... 28 ppm
Selenium, Min.....	0.30 ppm
Vitamin A, Min.....	4000 IU/lb

### INGREDIENTS

Corn Meal, Wheat Middlings, Soybean Hulls, Corn Distillers Dried Grains, Wheat Flour, Oat Mill By-Product, Cane Molasses, Dehydrated Alfalfa Meal, Dehulled Soybean Meal, Yeast Culture, Vegetable Oil, Calcium Carbonate, Salt, Ammonium Chloride, Calcium Sulfate, Zinc Sulfate, Zinc Proteinatate, Manganese Sulfate, Manganese Proteinatate, Cobalt Carbonate, Calcium Iodate, Copper Sulfate, Copper Proteinatate, Ferrous Sulfate, Cobalt Glucoheptonate, Sodium Selenite, Vitamin A Supplement, Vitamin D<sub>3</sub> Supplement, Vitamin E Supplement, DL-Methionine.

**CAUTION:** This feed contains supplemental copper.  
**DO NOT FEED TO SHEEP.**

**WARNING:** Do not feed to goats producing milk for food.

ppm  
1 kg

Cor 1.5%  
Zn 1.5%



# 0831 LAMB BT PELS

Medicated

For lambs from birth to about 75 lbs. body weight.  
For the prevention of coccidiosis caused by *Eimeria ovina*, *E. cranidialis*, *E. ovinoidalis* (*E. ninakohlyakimovae*), *E. parva*, and *E. intricata* in sheep maintained in confinement.

Lasalocid ..... 30 gm/ton

### ACTIVE DRUG INGREDIENT

Crude Protein, Min.	18.0%
(This includes not more than 0.9% equivalent crude protein from non-protein nitrogen added in the form of 10 pounds of ammonium chloride per ton)	
Crude Fat, Min.	4.0%
Crude Fiber, Max.	7.0%
Calcium (Ca), Min.	0.6%
Calcium (Ca), Max.	1.0%
Phosphorus (P), Min.	0.4%
Salt (NaCl), Min.	0.75%
Salt (NaCl), Max.	1.25%
Selenium (Se), Min.	0.4 ppm
Vitamin A, Min.	4,000 IU/lb

Warning: This feed should be used only in accordance with directions on this label. Feed to ruminant animals only.

### INGREDIENTS

1  
Corn Distillers Dried Grains, Ground Corn, Dehulled Soybean Meal, Wheat Middlings, Wheat Flour, Cane Molasses, Calcium Carbonate, Salt, Ammonium Chloride, Zinc Sulfate, Manganese Sulfate, Calcium Iodate, Cobalt Carbonate, Ferrous Sulfate, Sodium Selenite, Vitamin A Supplement, Vitamin D3 Supplement, Vitamin E Supplement, Di-Methionine.

### FEEDING DIRECTIONS - See Reverse

Caution: The safety of Lasalocid for use in unapproved species has not been established. Do not allow horses or other equines access to feeds containing Lasalocid as ingestion may be fatal.

KENT NUTRITION GROUP, INC.  
GENERAL OFFICES - MUSCATINE, IOWA 52761  
NET WEIGHT SHOWN ON BAG AND/OR INVOICE



Copper: 15 max but 12 ppm  
also wdy/bdenratio + sulphe ratio  
Mo 0.5%  
sulph: 0.4%



83576 01205



# Poulin Grain

## MEAT GOAT PELLET TYPE C MEDICATED FEED



18352 01244

With Hemolants, Yeast Culture, & S.M.S. - the essential ingredients necessary to aid in prevention of Eimeria strains in young meat goats.

For the prevention of coccidiosis in young goats caused by *Eimeria* *parvovora*, and *Eimeria* *tenella*.

Feed at least 20 days during periods of exposure or when appropriate to prevent coccidiosis. Feed at a rate of 1.5 to 2.0 oz per 100 pounds of live weight per day.

### ACTIVE DRUG INGREDIENT

Lasalocid ..... 30 gm/ton

### GUARANTEED ANALYSIS

Crude Protein, Min.	18.0%
(This includes not more than 0.9% equivalent crude protein from non-protein nitrogen added in the form of 10 pounds of ammonium chloride per ton)	
Crude Fat, Min.	4.0%
Crude Fiber, Max.	7.0%
Calcium (Ca), Min.	0.6%
Calcium (Ca), Max.	1.0%
Phosphorus (P), Min.	0.4%
Salt (NaCl), Min.	0.75%
Salt (NaCl), Max.	1.25%
Selenium (Se), Min.	0.4 ppm
Vitamin A, Min.	4,000 IU/lb

Warning: This feed should be used only in accordance with directions on this label. Feed to ruminant animals only.

Caution: The safety of Lasalocid for use in unapproved species has not been established. Do not allow horses or other equines access to feeds containing Lasalocid as ingestion may be fatal.

KENT NUTRITION GROUP, INC.  
GENERAL OFFICES - MUSCATINE, IOWA 52761  
NET WEIGHT SHOWN ON BAG AND/OR INVOICE



MANUFACTURED BY  
KENT NUTRITION, INC.  
14 BELLEVUE SQUARE  
MUSCATINE, IOWA 52761  
U.S.A.

NET WEIGHT  
50 LBS

FEED YOU FOR YOUR ORDER!

Ammonium chloride .7%  
w/vinary calculi

OK: Ammonia for bugs  
L → chloride + H  
↳ hydro chl. acid

# GOAT GROWER 16 DQ 0.0015%

## GOAT GROWER 16 DQ 0.0015%

### MEDICATED

FOR GROWING GOATS  
FOR RUMINANTS ONLY

FOR THE PREVENTION OF COCCIDIOSIS IN YOUNG GOATS CAUSED BY *EIMERIA* *CHRISTENSENI* AND *E. NINAKOLYAKIMOVAE*.

CAUTION: USE ONLY AS DIRECTED ON REVERSE SIDE

### ACTIVE DRUG INGREDIENTS

DECOQUINATE ..... 0.0015% (6.8 MG/LB)

### GUARANTEED ANALYSIS

CRUDE PROTEIN (MIN)	16.0000%
THIS INCLUDES NOT MORE THAN 1.50% EQUIVALENT CRUDE PROTEIN FROM NON-PROTEIN NITROGEN	
CRUDE FAT (MIN)	2.0000%
CRUDE FIBER (MAX)	16.0000%
CALCIUM (CA) (MIN)	0.8000%
CALCIUM (CA) (MAX)	1.2000%
PHOSPHORUS (P) (MIN)	0.5000%
SALT (NaCl) (MIN)	0.8000%
SALT (NaCl) (MAX)	1.0000%
SODIUM (NA) (MIN)	0.4000%
SODIUM (NA) (MAX)	0.4000%
COPPER (CU) (MIN)	22.0000 PPM
COPPER (CU) (MAX)	27.0000 PPM
SELENIUM (SE) (MIN)	0.3000 PPM
VITAMIN A (MIN)	5000.00 IU/LB

### INGREDIENTS

PROCESSED GRAIN BY-PRODUCTS, ROUGHAGE PRODUCTS, GRAIN PRODUCTS, PLANT PROTEIN PRODUCTS, MOLASSES PRODUCTS, FORAGE PRODUCTS, CALCIUM CARBONATE, AMMONIUM CHLORIDE, SALT, IRON OXIDE, VITAMIN A SUPPLEMENT, VITAMIN E SUPPLEMENT, COBALT CARBONATE, MANGANESE SULFATE, ETHYLENEDIAMINE DIHYDROCHLORIDE, ZINC SULFATE, COPPER CHLORIDE, VITAMIN D3 SUPPLEMENT, MINERAL OIL, SODIUM SELENITE.

RUMINANT MEAT AND BONE MEAL FREE

083NY G 594C

PURINA MILLS, LLC  
PO BOX 66812  
ST. LOUIS MO 63166-6812

FEED QUESTIONS? PLEASE CALL 1-800-227-8941

0017328

594C