

# **BMD<sup>®</sup> 50**

## **Type A Medicated Article**

### **Product Description**

BMD<sup>®</sup> 50 (bacitracin methylenedisalicylate) is a Type A Medicated Article for the prevention and control of necrotic enteritis and increased feed efficiency in poultry. BMD contains feed-grade bacitracin methylenedisalicylate equivalent to 50 grams (11%) bacitracin per pound of premix.

### **Indications for Use**

- Aids in the prevention and control of necrotic enteritis in chickens caused or complicated by *Clostridium spp.* and as an aid in the control of transmissible enteritis in growing turkeys.
- For prevention of ulcerative enteritis in quail caused by *Clostridium colinum*.

### **Key Points**

- By controlling necrotic enteritis, BMD helps preserve the integrity of the gut wall.
- No withdrawal period needed.
- Chilsonation process produces free-flowing granules to improve flowability and stability to help ensure proper dosage.<sup>1</sup>
- Shown to reduce subclinical and clinical disease, resulting in greater efficiency and decreased morbidity/mortality.<sup>2</sup>
- Consistent performance after many years of use.

### **FDA Status**

- Category 1 drug and does not require a feedmill license for manufacture of medicated feeds.
- Approved for use in combination with Avatec<sup>®</sup> (turkeys), Bio-Cox<sup>®</sup> (chickens), Deccox<sup>®</sup> (chickens), Robenz<sup>®</sup> (chickens) and Zoamix<sup>®</sup> (chickens and turkeys).\*

### **Storage and Packaging**

- Store below 25°C (77°F), excursions permitted to 37°C (99°F).
- BMD is packaged in a 50-pound multiwall paper bag with protective barrier ply.

*See reverse side for complete noncombination use directions, product claims and additional information on this product.*

*\*Reference Title 21 Code of Federal Regulations 558.76 for species-specific combination clearances.*

## Poultry Information: Bacitracin Methylene Disalicylate — Type A Medicated Article (Antibacterial)

<b>Active Drug Ingredient</b>	Each pound contains feed-grade bacitracin methylenedisalicylate equivalent to 50 grams bacitracin (Master Standard).	
<b>Composition</b>	A dried, precipitated fermentation product obtained by culturing <i>Bacillus licheniformis</i> Tracy on media adapted for microbiological production of bacitracin; calcium carbonate.	
<b>For Manufacturing Medicated Poultry and Livestock Feeds Only</b>		
<b>Mixing Directions</b>	Prepare an intermediate premix containing 5 grams per pound by mixing 1.0 lb of BMD 50 with 9.0 lbs of feed ingredient(s) or a portion of the non-medicated feed. Then add 0.8 to 50 lbs of intermediate premix per ton of finished feed.	
<b>Species</b>	<b>Grams bacitracin per ton of feed</b>	<b>Indications for Use</b>
<b>Broiler and Replacement Chickens</b>	4-50	For increased rate of weight gain and improved feed efficiency.
	50	As an aid in prevention of necrotic enteritis caused or complicated by <i>Clostridium spp.</i> or other organisms susceptible to bacitracin methylene disalicylate.
	100-200	As an aid in control of necrotic enteritis caused or complicated by <i>Clostridium spp.</i> or other organisms susceptible to bacitracin methylene disalicylate.  <b>CAUTION:</b> To control a necrotic enteritis outbreak, start medication at the first clinical signs of disease. The dosage range permitted provides for different levels based on severity of the infection. Consult a poultry diagnostic laboratory or pathologist to determine the diagnosis and advice regarding the optimal level of drug. Administer continuously for five to seven days or as long as clinical signs persist, and then reduce medication to prevention level (50 g/ton).
<b>Laying Hens</b>	10-25	For increased egg production and improved feed efficiency during the first seven months of production.
<b>Growing Turkeys</b>	4-50	For increased rate of weight gain and improved feed efficiency.
	200	As an aid in control of transmissible enteritis in growing turkeys complicated by organisms susceptible to bacitracin methylene disalicylate.
<b>Pheasants</b>	4-50	For increased rate of weight gain and improved feed efficiency.
<b>Quail</b>	5-20	For increased rate of weight gain and improved feed efficiency in quail not over 5 weeks of age.
	200	For prevention of ulcerative enteritis in growing quail due to <i>Clostridium colinum</i> susceptible to bacitracin methylene disalicylate. Feed continuously as the sole ration.

**Note:** Where minimum levels are shown, increase the antibiotic concentration within approved range when necessary to fit the feeding program, and to insure adequate levels of antibiotic in the complete ration.

Restricted Drug (California) — Use only as directed.  
Not for Human Use. For Use in Animals Only.  
Not for Use in Liquid Medicated Feed. For Use in Dry Feeds Only.

Approved by FDA under NADA # 046-592

<sup>1</sup>Laing N. Granulated Ingredients: Reducing drug potency. Feed Management. December 1994.

<sup>2</sup>Skinner J, Bauer S, Young V, Pauling G, Wilson J. An Economic Analysis of the Impact of Subclinical (Mild) Necrotic Enteritis in Broiler Chickens. *Avian Dis.* 2010;54(4):1237-1240.

**To learn more about BMD 50  
talk with a Phibro expert at**

800-677-4623 or visit [www.pahc.com](http://www.pahc.com)