# **Banminth® 48**

### **Type A Medicated Article Anthelmintic**

#### **Description:**

Banminth prevents and controls internal parasites in pigs. A truly versatile anthelmintic with a wide margin of safety, it can be fed to swine of all ages, including growing pigs, gilts, pregnant sows, herd boars and young breeding stock. Banminth prevents ascarid larval migration before they cause liver and lung damage. It is a member of the class of synthetic compounds called tetra-hydropyrimidines and is chemically unrelated to any other parasite control product used in swine.

#### Active Ingredient:

Pyrantel tartrate..... 10.6% (48g/lb)

#### **Registered Claims:**

For the removal and control of large roundworm (*Ascaris suum*) and nodular worm (*Oesophagostomum*) infections in swine.

Aids in the prevention of migration and establishment of large roundworm (*A. suum*) infections; aids in the prevention of establishment of nodular worm (*Oesophagostomum*) infections in swine.

For the removal and control of large roundworm (*A. suum*) infections in swine.

Store in a cool, dry place.

#### **Mixing Directions**

For mixing and use directions for complete swine feeds and for swine protein supplements, see Table 1.

## ➡Warning: Withdraw 24 hours prior to slaughter.◀

#### Caution:

Consult your veterinarian before using in severely debilitated animals.

Do not mix in feeds containing bentonite.

Certain components of animal feeds, including medicated premixes, possess properties that may be a potential health hazard or a source of personal discomfort to certain individuals who are exposed to them. Human exposure should, therefore, be minimized by observing the general industry standards for occupational health and safety. Precautions such as the following should be considered: dust masks or respirators and protective clothing should be worn; dustarresting equipment and adequate ventilation should be utilized; personal hygiene should be observed; wash before eating or leaving a work site; be alert for signs of allergic reactions - seek prompt medical treatment if such reactions are suspected.

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#### Table 1. Mixing and Use Directions

	Complete Swir	ne Feeds Containin	g 0.0881% (	800 g/t) F	vrantel Tartrate	•		
Indications for Uso	•	Amount of Ba	•				of Pyrantel Tartrate in	
Indications for Use		com	plete feed			Comple		
For the removal and control of large roundworm ( <i>Ascaris suum</i> ) and nodular worm ( <i>Oesophagostomum</i> ) infections in swine. <sup>†</sup>		16.67 lb				0.0881 % (800 g/t)		
As a single therapeutic treatment in c	complete feed; fee	d at the rate of 1 lb o	of feed per 4	0 lb of bo	dy weight for anii	mals up to 200	lb.	
For animals 200 lb or over, feed 5 lb	of feed per head.							
Quantity of medicated feed required	to treat pigs of va	ious body weight is	shown below	/:				
Pig Weight (lb)	20	40 60			80	100 200 and ove		
Quantity of feed per pig	1⁄2 lb	1 lb 1 ½ lb		2 lb	2 ½ lb	5 lb		
Fast pigs overnight for optimum resul	lts.							
Pigs will generally consume this quar	ntity of medicated	feed within a few ho	urs time afte	r which re	gular feeding sh	ould be resume	ed.	
Better worming is achieved when pig-	s are separated b	y size into different le	ots or pens f	or treatme	ent.			
Water should be made available to a	nimals during fast	ing and treatment pe	eriods.					
	Complete Swi	ne Feeds Containin	g 0.0106 %	(96 g/t) P	yrantel Tartrate	1		
Indications for Use		Amount of <i>Banminth</i> 48 per ton of complete feed			Resultant Use level of Pyrantel Tartrate in Complete Feed		Direction for Use	
Aid in the prevention of migration and establishment of large roundworm ( <i>A. suum</i> ) infections; aid in the prevention of establishment of nodular worm ( <i>Oesophagostomum</i> ) infections in swine.		2 lb			0.106% (96 g/t)		Feed continuously as the sole ration	
For the removal and control of large roundworm ( <i>A. suum</i> ) infections in swine. <sup>†</sup>		2 lb			0.106% (96 g/t)		Feed for 3 days as the sole ration	
Swine Protein	Supplements for	r Further Dilution to	Feed Cont	aining (0		Pyrantel Tartra	ate	
Indications for Use	Amount of Ban	minth 48 per ton o	f protein su	pplement	*	Directions	for Use	
Aid in the prevention of migration and establishment of large roundworm ( <i>A.suum</i> ) infections; aid in the prevention of establishment of nodular worm ( <i>Oesophagostomum</i> ) infections in swine. For the removal and control of large roundworm ( <i>Ascaris suum</i> )	To calculate the amount of <i>Banminth</i> 48 per ton of protein supplement , divide 4000 by the quantity (lb) of protein supplement that will be mixed with grain(s) to produce a ton of complete feed, that is: $4000 \div X = $ lb of <i>Banminth</i> 48 per ton of protein supplement where X = quantity (lb) of protein supplement that will be mixed with grain(s) to produce a ton of complete feed				Prepare a complete feed by mixing proper quantities of protein supplement with grain(s). If pelleted, grind pellets before or during mixing. The resultant complete feed contains 0.0106% (96 g/t) pyrantel tartrate and is to be fed continuously as the sole ration. Prepare a complete feed by mixing proper quantities of protein supplement with grain(s). If			
and nodular worm ( <i>Oesophagostomum</i> ) infections in swine. <sup>†</sup>	Example calculation: Directions for use of the protein supplements require that 500 lb are to be mixed with grain(s) to produce a ton of complete feed. 4000 ÷ 500 = 8 lb of <i>Banminth</i> 48 per ton of protein supplement				pelleted, gri resultant co	pelleted, grind pellets before or during mixing. The resultant complete feed contains 0.0106% (96 g/t) pyrantel tartrate and is to be fed for 3 days as the		
Swine Protein	Supplements for	Further Dilution to	Feed Conta	aining 0.0	881% ( 800 g/t)	Pyrantel Tartr	ate	
		ount of Banminth 48						
Indications for Use	protein supplement*				Directions for Use			
For the removal and control of large roundworm ( <i>Ascaris suum</i> ) and the nodular worm ( <i>Oesophagostomum</i> ) infections in swine. <sup>†</sup>	supplement , div supplement that ton of complete 33,333 ÷ X= lb c supplement whe what will be mix complete feed Example calcula supplements rec grain(s) to produ	amount of <i>Banminth</i> vide 33,333 by the qu will be mixed with g feed, that is: of <i>Banminth</i> 48 per to ere X = quantity (lb) of ed with grain(s) to pr ation: Directions for u quire that 333 lb are uce a ton of complete 00 lb of <i>Banminth</i> 44	pplement of otein with	quantities of pelleted, gri resultant co g/t) pyrantel therapeutic 40 lb of bod animals 200 head. Fast p will generall feed within a feeding sho achieved wh different lots be made av	Prepare a complete feed by mixing proper quantities of protein supplement with grain(s). If pelleted, grind pellets before or during mixing. The resultant complete feed contains 0.0881% (800 g/t) pyrantel tartrate and is to fed as a single therapeutic treatment at the rate of 1 lb of feed per 40 lb of body weight for animals up to 200 lb. For animals 200 lb and over, feed 5 lb of feed per head. Fast pigs overnight for optimum results. Pigg will generally consume this quantity of medicated feed within a few hours time after which regular feeding should be resumed. Better worming is achieved when pigs are separated by size into different lots or pens for treatment. Water should be made available to animals during fasting and treatment periods.			

\* To find grams of pyrantel tartrate, multiply lb of Banminth by 48.

<sup>†</sup> Consult your veterinarian for assistance in diagnosis, treatment and control of parasitism.

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