

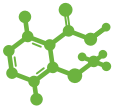
# Rumatel<sup>®</sup> 4.4

Morantel Tartrate, 0.97%



## Feed-ready dewormer, right out of the bag

**Rumatel<sup>®</sup>** is a broad-spectrum, feed-grade dewormer featuring the active compound *morantel tartrate*, which is added to feed rations for the removal and control of mature gastrointestinal nematode infections of both cattle and goats.



### Convenient Formulation

- Simple feed treatment fed to cows or goats at 0.1 lb per 100 lbs body weight
- Formulation blended down for easy mixing at the mill—or for feeding right out of the bag
- No milk discard required following the use of Rumatel



### Easy Administration

- Single-dose treatment: top dress or mix in ration
- No need to catch and restrain animals; less opportunity for injury to handler
- Labor and time savings; deworming occurs in normal feeding practices



### Broad-Spectrum Control

Rumatel is effective against roundworms that invade the abomasum, small intestine and large intestine—which are considered to be the most economically devastating internal parasites.



#### BEEF & DAIRY CATTLE

- **Stomach worms** (*Haemonchus* spp., *Ostertagia* spp., *Trichostrongylus* spp.)
- **Worms of the small intestine** (*Cooperia* spp., *Trichostrongylus* spp., *Nematodirus* spp.)
- **Worms of the large intestine** (*Oesophagostomum radiatum*)



#### GOATS

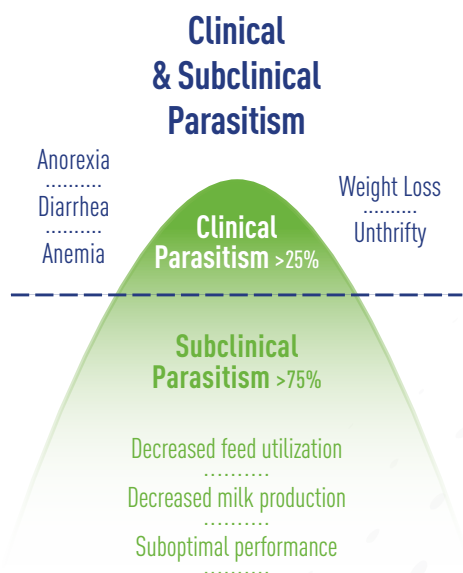
- *Haemonchus contortus*
- *Ostertagia* (*Teladorsagia*) *circumcincta*
- *Trichostrongylus axei*



## How Does Rumatel Work?

The active compound is **morantel tartrate**. This compound causes neuromuscular paralysis of the worm (nematode), leading to the death of the parasite.

Other dewormers kill nematodes through different mechanisms. The application of different killing mechanisms helps break the resistance cycle, as the worm is generally not resistant to all types of dewormers.



### Managing the Effects on Production

Parasites decrease productivity more than any other disease agent. Losses are estimated to be greater than \$1 billion per year due to effects on production<sup>1,2</sup> such as:

- Decreased feed intake
- Decreased feed utilization
- Reduced growth rate
- Reduced milk production

### Combating Resistance

Here are a few ways to help combat resistance in your operation, including the use of products like Rumatel for a unique mode of action.

- ✓ Improve pasture management
- ✓ Know resistance status of worms on farms (cattle and goats)
- ✓ Adjust parasite management plan based on regular monitoring
- ✓ Quarantine new arrivals— withhold feed 24 hours and deworm
- ✓ Administer proper dose of dewormer
- ✓ Use a dewormer that has no reported parasite resistance on-farm



Talk to your Phibro Rep. about introducing Rumatel into your feed.  
PHONE: 888.677.4623

<sup>1</sup> Hawkins JA. Economic benefits of parasite control in cattle. *Vet Paras.* 1993. 46:159-173.

<sup>2</sup> Lawrence JD, Ibarburu MA. Economic Analysis of Pharmaceutical Technologies in Modern Beef Production. Ames: Iowa State University; 2006: 1-28.