

# ZIMECTERIN<sup>®</sup> GOLD

(ivermectin 1.55% / praziquantel 7.75%)

*The new gold standard in parasite control.*

**ZIMECTERIN<sup>®</sup> GOLD (ivermectin/praziquantel) is the new gold standard in parasite control. It offers a spectrum of control so complete it even protects against tapeworms.**

## Product Benefits

- ZIMECTERIN<sup>®</sup> GOLD is approved to eliminate more species and stages of equine parasites, including tapeworms, than any other brand.
- Combines ivermectin and praziquantel to offer the most comprehensive equine parasite control ever approved.<sup>1</sup>
  - Ivermectin has been the standard in broad-spectrum equine parasite control for over 20 years
  - Praziquantel is an anticestodal drug, which inhibits tapeworms ability to remain attached to the intestinal lining, causing them to contract and disintegrate
- Both active ingredients have been used safely and effectively in companion animals for years.\*
- There has been no documented cases of small strongyle resistance to either active ingredient. Resistance to benzimidazole class products such as PANACUR<sup>®</sup> (fenbendazole), SAFE-GUARD<sup>®</sup> (fenbendazole) and ANTHELCIDE<sup>®</sup> (oxibendazole) has been widely documented. Resistance to pyrantels such as STRONGID<sup>®</sup>-C (pyrantel tartrate) is a growing concern.<sup>2</sup>
- Treat horses with ZIMECTERIN GOLD every two months, or at least quarterly—especially in spring and fall for the most effective bot and tapeworm control.
- Backed by a team of technical service veterinarians and a comprehensive satisfaction guarantee—

*If a horseman who purchases ZIMECTERIN GOLD from an authorized retailer is not satisfied with the performance of ZIMECTERIN GOLD (efficacy, safety, quality), Merial will reimburse the horse owner for the cost of the product, as well as all reasonable costs associated with related veterinary services. Call 1-888-MERIAL1 to talk with a Merial staff veterinarian.*

## Packaging

A 7.35 g syringe of ZIMECTERIN GOLD Paste contains 1.55% ivermectin and 7.75% praziquantel.

ZIMECTERIN GOLD Paste is available to Merial Retail Customers in Display Packs (20 individually wrapped syringes/case) or Bulk Packs (216 individually wrapped syringes/case) and to Merial Veterinary Customers in ProPacks (72 individually wrapped syringes/case).



EXCELLENCE IN EQUINE HEALTH

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## GOLD

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### Indications

Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism. ZIMECTERIN<sup>®</sup> GOLD (ivermectin/praziquantel) Paste provides effective treatment and control of the following parasites in horses.

**Tapeworms** - *Anoplocephala perfoliata*, **Large Strongyles** (adults) – *Strongylus vulgaris* (also early forms in blood vessels), *S. edentatus* (also tissue stages), *S. equinus*, *Triodontophorus* spp. including *T. brevicauda* and *T. serratus* and *Craterostomum acuticaudatum*, **Small Strongyles** including those resistant to some benzimidazole class compounds (adults and fourth-stage larvae) – *Coronocyclus* spp. including *C. coronatus*, *C. labiatus* and *C. labratus*, *Cyathostomum* spp. including *C. catinatum* and *C. pateratum*, *Cylicocyclus* spp. including *C. insigne*, *C. leptostomum*, *C. nassatus*, and *C. brevicapsulatus*, *Cylicodontophorus* spp., *Cylicostephanus* spp., including *C. calicatus*, *C. goldi*, *C. longibursatus* and *C. minutus*, and *Petrovinema pocolatum*, **Pinworms** (adults and fourth-stage larvae) – *Oxyuris equi*; **Ascarids** (adults and third- and fourth-stage larvae) – *Parascaris equorum*; **Hairworms** (adults) – *Trichostrongylus axei*; **Large-mouth Stomach Worms** (adults) – *Habronema muscae*; **Bots** (oral and gastric stages) – *Gasterophilus* spp. including *G. intestinalis* and *G. nasalis*; **Lungworms** (adults and fourth-stage larvae) – *Dictyocaulus arnfieldi*; **Intestinal Threadworms** (adults) – *Strongyloides westeri*; **Summer Sores** caused by *Habronema* and *Draschia* spp. cutaneous third-stage larvae: Dermatitis caused by neck threadworm microfilariae, *Onchocerca* sp.

### Dosage

This syringe contains sufficient paste to treat one 1250 lb. horse at the recommended dose rate of 91 mcg ivermectin per lb. (200 mcg/kg) body weight and 454 mcg praziquantel per lb. (1 mg/kg) body weight. Each weight marking on the syringe plunger delivers enough paste to treat 250 lb. body weight.

### Administration

(1) While holding plunger, turn the knurled ring on the plunger 1/4 turn to the left, and slide it so the side nearest the barrel is at the prescribed weight marking. (2) Lock the ring in place by making a 1/4 turn to the right. (3) Make sure that the horse's mouth contains no feed. (4) Remove the cover from the tip of the syringe. (5) Insert the syringe tip into the horse's mouth at the space between the teeth. (6) Depress the plunger as far as it will go, depositing paste on the back of the tongue. (7) Immediately raise the horse's head for a few seconds after dosing.

### Parasite Control Program

All horses should be included in a regular parasite control program with particular attention being paid to mares, foals and yearlings. Foals should be treated initially at 5 months of age, and routine treatment repeated as frequently as every 8 weeks. Consult your veterinarian for a control program to meet your specific needs. ZIMECTERIN<sup>®</sup> GOLD (ivermectin/praziquantel) Paste controls gastrointestinal cestodes, nematodes and bots of horses. Regular treatment will reduce the chances of verminous arteritis caused by *Strongylus vulgaris*.

### Product Advantages

Broad-spectrum Control — ZIMECTERIN<sup>®</sup> GOLD Paste kills important internal parasites, including tapeworms, bots and the arterial stages of *S. vulgaris*, with a single dose. ZIMECTERIN<sup>®</sup> GOLD Paste is a potent antiparasitic agent that is neither a benzimidazole nor an organophosphate.

### Animal Safety

ZIMECTERIN<sup>®</sup> GOLD (ivermectin/praziquantel) Paste may be used in horses five months of age or older. ZIMECTERIN<sup>®</sup> GOLD has not been tested in foals younger than five months of age, in pregnant mares or breeding stallions. ZIMECTERIN<sup>®</sup> GOLD when tested at 1, 3 and 5-times the maximum recommended dose every two weeks in 5-month old foals, and at 10-times the maximum recommended dose in a separate study, did not elicit any adverse clinical signs of toxicity.

### Warning

**Do not use in horses intended for food purposes. Not for use in humans. Keep this and all drugs out of reach of children.** Refrain from smoking and eating when handling. Wash hands after use. Avoid contact with eyes. The Material Safety Data Sheet (MSDS) contains more detailed occupational safety information. To report adverse reactions in users, to obtain more information, or to obtain a MSDS, contact Merial at 1-888-637-4251.

### Precautions

ZIMECTERIN<sup>®</sup> GOLD (ivermectin/praziquantel) Paste has been formulated specifically for use in horses **only**. This product should not be used in other animal species as severe adverse reactions, including fatalities in dogs, may result.

### Environmental Safety

Ivermectin and excreted ivermectin residues may adversely affect aquatic organisms. Do not contaminate ground or surface water. Dispose of the syringe in an approved landfill or by incineration.

### Information For Horse Owners

Swelling and itching reactions after treatment with ivermectin have occurred in horses carrying heavy infections of neck threadworm (*Onchocerca* sp. microfilariae). These reactions were most likely the result of microfilariae dying in large numbers. Symptomatic treatment may be advisable. Consult your veterinarian should any such reactions occur. Healing of summer sores involving extensive tissue changes may require other appropriate therapy in conjunction with treatment with ZIMECTERIN<sup>®</sup> GOLD (ivermectin/praziquantel) Paste. Reinfection, and measures for its prevention, should also be considered. Consult your veterinarian if the condition does not improve.

NADA 141-214



EXCELLENCE IN EQUINE HEALTH

Also the maker of

**ZIMECTERIN<sup>®</sup>**  
(ivermectin)



and the veterinary brands

**GastroGard**  
(omeprazole)

**Heartgard<sup>®</sup>**  
(ivermectin/pyriproxyfen)

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1. Based on FOI Summary and / or label indications on file as of July 9, 2003.

2. Tango-Martinez JL, Wyatt AT Kaplan RM. Prevalence and clinical implications of anthelmintic resistance in cyathostomes of horses. JAVMA, 218:12, June 15, 2001.

\*ZIMECTERIN GOLD is presently indicated for and proven to have a wide margin of safety in all horses five months of age or older. Merial is exploring the possibility of expanding the ZIMECTERIN GOLD label to include horses younger than five months of age.

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