

Pyrantel

- Drug Information

Brand Names:

Nemex®, Strongid®, Antiminth®, Pin-Rid®, Pin-X®, RFD Liquid Wormer®, Reese's Pinworm®, Exodus™ Paste, Continuex™, D-Worm™, Primex™, Anthelban V, Champion Protector™ Worm Protector™ 2X, D-Worm™ 60 Liquid Wormer, Sergeant's® Vetscription® Sure Shot® Liquid Wormer for Puppies and Dogs, RFD® Liquid Wormer, Rotation™ 2 Paste, Adams™ Dog Wormer Chewable Tablets, Happy Jack® Liqui-Vict 2X™, Happy Jack® Pro Dog™ Chewable Wormer, Happy Jack® Pro Pup™ Chewable Wormer, Hartz Advanced Care™ Rid Worm™, Hartz UltraGuard Plus® Rid Worm™, K-9 WormBGone 2X, Liquid Wormer, Sentry HC® Worm X®, Worm Protector® 2X

Pharmacology:

Pyrimidine derivative anthelmintic

Indications:

Used for the treatment of ascarids, hookworms and stomach worm Physaloptera in dogs and although not approved has been used safely in cats for similar parasites.

Labeled for the treatment of Strongylus vulgaris and equinus, Parascaris equorum and Probstymayria vivipara in horses. It has variable effect on Oxyuris equi, S. edentatus and small strongyles.

No approved product for cattle, sheep or goats but tartrate is effective against Haemonchus, Ostertagia, Trichostrongylus, Nematodirus, Chabertia, Cooperia and Oesophagostomum.

Tartrate is labeled for large roundworm in swine.

And although not approved has been used in birds and llamas.

Contraindications:

- General

Use with extreme caution in severely debilitated animals, anemia, liver disease and dehydration.

Safe for use in pregnancy and nursing.

- Large Animal

- Horse

Do not use in horses intended for human consumption.

Interactions:

- General Interactions

No identified General Interactions at time of publishing.

- Category Interactions

- Organophosphate

Increased risk for side effects is expected if given with organophosphates.

- Drug Interactions

- Diethylcarbamazine citrate

Increased risk for side effects is expected if given with diethylcarbamazine.

- Levamisole

Levamisole is contraindicated with pyrantel.

- Morantel

Morantel is contraindicated with pyrantel.

- Piperazine

Piperazine has an antagonistic mechanism of action-do not use together.

Adverse Effects:

- General

Vomiting may occur.

Dosages:

- General

Doses are for pyrantel pamoate.

Clients should be cautioned that the veterinary version of these products are formulated to be palatable to pets. This can increase the likelihood for inadvertent overdose of the medication if the container is not stored with this in mind.

- Small Animal

- Dog

5 - 10 mg/kg by mouth. Repeat in 2 - 3 weeks

- Cat

5 - 10 mg/kg by mouth. Repeat in 2 - 3 weeks

- Birds (small)

4.5 mg/kg. Repeat in 14 days

- Rabbit

10 mg/kg by mouth. Repeat in 2 - 3 weeks

- Large Animal

- Cattle

Pyrantel tartrate - 25 mg/kg by mouth

- Horse

6.6 - 19 mg/kg by mouth

- Sheep

Pyrantel tartrate: 25 mg/kg by mouth

- Goat

Pyrantel tartrate: 25 mg/kg by mouth

- Llama

18 mg/kg by mouth

- Swine

Pyrantel tartrate: 6.6 - 22 mg/kg by mouth

Special Notes:

None