

Safety In Numbers

Some dewormers claim just one dose of their product is the best way to deworm your horse, but that's simply not true.

Demand Safety: You won't find a laundry list of warnings and precautions on the PANACUR® (fenbendazole) POWERPAC label because fenbendazole has a gentle mode of action that makes it safe for horses of all ages, sizes, and body conditions.

Demand Efficacy: PANACUR® POWERPAC is the only dewormer FDA approved to treat ALL STAGES of the encysted small strongyle.¹ Other dewormers miss a critical stage, EL₃, which can account for up to 75% of the encysted small strongyle burden. Plus, it's a great treatment option for treating ascarids — which are not just a problem in young horses!

So when it comes to which dewormer to trust, don't forget there's safety in numbers.

Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.

Do not use in horses intended for human consumption. When using PANACUR® (fenbendazole) Paste 10% concomitantly with trichlorfon, refer to the manufacturers labels for use and cautions for trichlorfon.

¹ PANACUR® (fenbendazole) POWERPAC Equine Dewormer product label.



The Science of
Healthier Animals

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ADVERTORIAL

Deworming In Five Doses – The Facts

When it comes to dewormers, only one unique and popular product can be distinguished from all others for one very important reason: A five-dose regimen. This five-day regimen results in one of the safest, most comprehensive and effective methods to treat a wide variety of parasites in a wide variety of horses.

This regimen is known as the PANACUR® (fenbendazole) POWERPAC and is a larvicidal dose of fenbendazole.

FACT IS 5 IS GREATER THAN 1

1 Fact: PANACUR® POWERPAC Is Extremely Safe.

Safety is the most important feature of any pharmaceutical product. If you're not already, you should be reviewing the warning label on dewormers. You'd be surprised at the amount of warnings that come with some equine dewormers, including ivermectin and moxidectin products. In big bold print, you'll see phrases such as "Extreme caution should be used when administering the product to foals, young and miniature horses... Do not use in sick, debilitated or underweight animals." And "This product should not be used in other animal species as severe adverse reactions, including fatalities in dogs, may result."

Fenbendazole has a very strong safety profile and is safe for every horse on your farm, regardless of their age, size or body condition. It is safe for the environment as well as in non-target species, and there are no known contraindications. Due to its gentle mode of action, fenbendazole may help decrease the likelihood of potential side effects, such as endotoxic shock and impactions, which may occur after deworming foals with heavy roundworm infections using other classes of dewormers.ⁱ

Fenbendazole has demonstrated a wide margin of safety in well-controlled safety studies in horses with single doses as high as 1000 mg/kg (that's 200 times the label dose), and for 15 consecutive daily doses at 50 mg/kg.ⁱⁱ

2 Fact: PANACUR® POWERPAC Works On A Wide Variety Of Parasites.

PANACUR® POWERPAC (fenbendazole 10 mg/kg daily for 5 days) treats a majority of the most common internal parasites affecting horses. It is labeled for the control of large and small strongyles (including migrating larvae), pinworms and ascarids (roundworms). Additionally, it is the only U.S. Food and Drug Administration (FDA) approved treatment labeled for all stages of encysted small strongyles, including early third stage larvae (EL₃), which can account for up to 75 percent of the encysted small strongyle burden.

Do not use in horses intended for human consumption.
Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.

ⁱ AAEP Parasite Control Guidelines. Revised 2016.

ⁱⁱ PANACUR® (fenbendazole) POWERPAC Equine Dewormer product label.

ⁱⁱⁱ Tamzali Y. (2006) Chronic weight loss in the horse: a 60 case retrospective study. Equine Vet Edu. 18, 289-296.

^{iv} Reinemeyer CR, Vaala WE. Larvicidal efficacy of fenbendazole against a macrocyclic lactone-resistant isolate of *Parascaris equorum* in foals. 2010 AAEP Proceedings.

^v Cribb, NC, Cote, NM, Bouré, LP, Peregrine, AS. Acute small intestinal obstruction associated with *Parascaris equorum* infection in young horses: 25 cases (1985-2004). N Z Vet J. 2006 Dec;54(6):338-43.

^{vi} Craig TM, Diamond PL, Ferwerda NS, et al. Evidence of ivermectin resistance by *Parascaris equorum* on a Texas horse farm. J Eq Vet Sci 2007; 27:67-71

^{vii} Data on file, Merck Animal Health.

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3 Fact: PANACUR® POWERPAC Works In A Wide Variety Of Horses.

Young and old and everything in between. Not only is PANACUR® POWERPAC considered the best treatment option for ascarids in foals, but the larvicidal dose is often recommended every year for:

- Moderate-to-high strongyle egg shedders
- Incoming horses before co-mingling with resident horses
- Before starting on a daily dewormer, and once a year while continuing a daily deworming program
- Prior to a performance event for show horses
- The treatment of debilitated or thin horses suffering from internal parasites, horses with chronic diarrhea, recurring colic and chronic weight loss due to suspected parasite infection.ⁱⁱⁱ

4 Fact: PANACUR® POWERPAC Is The Best Choice For Ascarid Protection.

PANACUR® POWERPAC is widely recognized as the best treatment option for ascarids, one of the most significant and potentially life threatening parasites in young horses, and a growing problem in adult horses. This is because:

- There are a growing number of reports of ascarids resistant to macrocyclic lactones and pyrantel pamoate^{iv}. Larvicidal doses of fenbendazole have been proven to be efficacious against ivermectin-resistant ascarids.^v
- Its safety. Its mode of action results in a slow kill of parasites. The other anthelmintic classes approved for use in foals (pyrantel salts and macrocyclic lactones – e.g., ivermectin) affect the nervous system of worms, which kills them quickly. The latter situation seems to result in small intestinal impactions with dead ascarids more frequently than after treatment with fenbendazole.^{iv}
- Due to widespread resistance to ivermectin and moxidectin, ascarids can also threaten horses beyond the age of 18 months if these animals were not effectively dewormed as foals and have harbored an ascarid infection into adulthood.

5 Fact: The Five-Dose PANACUR® POWERPAC Regimen Is Greater Than Any One Dose Of Other Dewormers.

It's more than math. It's science. When used as part of a veterinarian-guided, strategic deworming program, the five-dose PANACUR® POWERPAC deworming regimen shows unmatched efficacy and safety against a wide variety of parasites in a wide variety of horses.^{vii}

Remember, deworming is only one part of the solution to parasite control. Sound husbandry practices will improve the efficacy of any deworming program, which is yet another reason to work with your veterinarian. Dewormers such as PANACUR® POWERPAC have the best chance of success when partnered with fecal monitoring and strategic use of non-chemical parasite control strategies.

Get the facts and incorporate PANACUR® POWERPAC into your deworming strategy for a healthier horse inside and out.