



PIPORVET

A BROAD SPECTRUM ANTHELMINTIC FOR LIVESTOCK AND POULTRY

Composition:

Piperazine Hydrate IP 56.3%w/v
(Equivalent to piperazine base 25%w/v)
Liquid base QS

INDICATION

Piperazine is a narrow-spectrum anthelmintic, effective almost only against ascarid roundworms (e.g. *Ascaris suum*, *Ascaridia* spp, *Parascaris equorum*, *Toxocara canis*, etc). It is still moderately used in swine, poultry, horses, dogs and cats because ascarids are often the most damaging worms in these species. It is hardly used in ruminants.

Piperazine as well as pyrantel and the benzimidazoles (e.g. fenbendazole, febantel, albendazole, mebendazole etc.) has no residual effect, i.e. it acts against the worms during a few hours after administration but is quickly metabolized and excreted. For this reason treatment must often be repeated for certain indications. This is in contrast with wormers containing macrocyclic lactones (e.g. milbermycin oxime, selamectin) that ensure efficacy against numerous roundworms during weeks after a single treatment.

Precautions:

Keep out of reach of children.

Dosage & Administration:

- Pigs: 15ml product per 13.5 kg body weight.
Add this amount to the water the pigs will drink in the morning. Give only medicated water until consumed and with old water the night prior to medication. Can be administered at above rates in mash or by individual drenching. Dose all in-pig sows 4 weeks before farrowing, all piglets from 5 weeks of age and all brought-in pigs. Repeat treatment at 1 to 2 monthly intervals.
- Poultry. Dosage per 100 birds

Under 7 weeks of age	: 42ml Piperazine in 2L water
7 - 8 weeks of age	: 56ml Piperazine in 2L water
9 - 12 weeks of age	: 56ml Piperazine in 4L water
13 - 16 weeks of age	: 56ml Piperazine in 6L water
17 - 20 weeks of age	: 80ml Piperazine in 10L water
Over 20 weeks of age	: 80ml Piperazine in 10.5L water.

Provide according to number of birds in pen. When medicated water is consumed provide water for remainder of day. Do not provide plain water until medicated water is consumed.

For use in wet mash: Mix according to dose rate table with sufficient water to prepare mash.
- Pigeons: 20 ml product added to 1 L of water for one day. Depending on the severity of the infection birds may be wormed monthly. Do not provide plain water until medicated water is consumed. Repeat every 3-4 months.
- Read the product label for specific detail on dosage.