(2) Flavored tablets containing: 2.3 mg milbemycin oxime and 46 mg lufenuron, 5.75 mg milbemycin oxime and 115 mg lufenuron, 11.5 mg milbemycin oxime and 230 mg lufenuron, or 23 mg milbemycin oxime and 460 mg lufenuron.

(b) Sponsor. See No. 058198 in §510.600(c) of this chapter.

(c) [Reserved]

(d) Conditions of use—(1) Dogs—(i) Amount. 0.5 mg milbemycin oxime and 10 mg lufenuron per kilogram of body weight, once a month.

(ii) Indications for use—(A) For use in dogs and puppies for the prevention of heartworm disease caused by *Dirofilaria immitis*, for prevention and control of flea populations, for control of adult *Ancylostoma caninum* (hookworm), and for removal and control of adult *Toxocara canis*, *Toxascaris leonina* (roundworm), and *Trichuris vulpis* (whipworm) infections.

(B) The concurrent use of flavored milbemycin oxime and lufenuron tablets described in paragraph (a)(2) of this section as in paragraph (d)(1)(ii)(A) of this section with nitenpyram tablets as in §520.1510(d)(1) of this chapter is indicated to kill adult fleas and prevent flea eggs from hatching.

(iii) Limitations. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

(2) [Reserved]

§ 520.1448a Monensin blocks.

(a)(1) Specifications. Each pound of protein-mineral block contains 400 milligrams of monensin (0.088 percent) as monensin sodium.

(2) Sponsor. See 067949 in §510.600(c) of this chapter.

(c)(1) Specifications. Each pound of protein block contains 175 milligrams of monensin (0.038 percent) as monensin sodium.

(2) Sponsor. See No. 066071 in §510.600(c) of this chapter.

(3) Related tolerances. See §556.420 of this chapter.

(d)(1) Specifications. Each pound of protein block contains 400 milligrams of monensin as the base or the sodium salt, contains a minimum of 90 percent monensin activity derived from monensin A and a minimum of 95 percent derived from monensin A plus B. Using thin layer chromatography, the R_f value must be comparable to a reference standard (the R_f value is the distance the spots travel from the starting line divided by the distance the solvent front travels from the starting line). The loss on drying is not more than 10 percent when dried in vacuum at 60 °C for 2 hours.
monensin (0.088 percent) as monensin sodium.

(2) Sponsor. See 051267 in §510.600(c) of this chapter.

(3) Related tolerances. See §556.420 of this chapter.

(4) Conditions of use—(1) Amount. 50 to 200 milligrams of monensin (2 to 8 ounces of block) per head per day.

(2) Indications for use. Pasture cattle: Increased rate of weight gain.

(iii) Limitations. Blocks to be fed free choice to pasture cattle (slaughter, stocker, feeder, and dairy and beef replacement heifers). Provide at least one block per five head of cattle. Feed blocks continuously. Do not feed salt or mineral supplements in addition to the blocks. Ingestion by cattle of monensin at levels of 600 milligrams per head per day and higher has been fatal. Do not allow horses or other equines access to formulations containing monensin (ingestion of monensin by equines has been fatal). The effectiveness of this block in cull cows and bulls has not been established.

[46 FR 19466, Mar. 31, 1981]

EDITORIAL NOTE: For Federal Register citations affecting §520.1448a, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

§ 520.1450 Morantel tartrate oral dosage forms.

(a) Specifications. Each bolus contains 2.2 grams morantel tartrate equivalent to 1.3 grams of morantel base.

(b) Sponsor. See No. 000069 in §510.600(c) of this chapter.

(c) Related tolerances. See §556.425 of this chapter.

(d) Conditions of use—(1) Amount. Grazing cattle: Administer 1 cartridge to each animal at the start of the grazing season.

(2) Indications for use. For control of the adult stage of the following gastrointestinal nematode infections in weaned calves and yearling cattle weighing a minimum of 200 pounds: Ostertagia spp., Trichostrongylus axei, Cooperia spp., and Oesophagostomum radiatum.

(3) Limitations. Administer orally with the dosing gun to all cattle that will be grazing the same pasture. Effectiveness of the drug product is dependent upon continuous control of the gastrointestinal parasites for approximately 90 days following administration. Therefore, treated cattle should not be moved to pastures grazed in the same grazing season/calendar year by untreated cattle. Do not administer to cattle within 106 days of slaughter.


§ 520.1450b Morantel tartrate cartridge.

(a) Specifications. The drug product consists of a stainless-steel cylinder having both ends closed with polyethylene diffusing discs and containing a morantel tartrate paste. The paste contains 22.7 grams of morantel tartrate equivalent to 13.5 grams of morantel base.

(b) Sponsor. See No. 000069 in §510.600(c) of this chapter.

(c) Related tolerances. See §556.425 of this chapter.

(d) Conditions of use—(1) Amount. Grazing cattle: Administer 1 cartridge to each animal at the start of the grazing season.

(2) Indications for use. For removal and control of mature gastrointestinal nematode infections of cattle including stomach worms (Haemonchus spp., Ostertagia spp., Trichostrongylus spp.), worms of the small intestine (Cooperia spp., Trichostrongylus spp., Nematodirus spp.), and worms of the large intestine (Oesophagostomum radiatum).

(3) Limitations. Conditions of constant worm exposure may require retreatment in 2 to 4 weeks. Consult your veterinarian before administering to severely debilitated animals and for assistance in the diagnosis, treatment, and control of parasitism. Do not treat within 14 days of slaughter.