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(c) Related tolerances. See § 556.350 of this chapter.

(d) Conditions of use. In swine it is used as follows:

(1) Amount. The equivalent of 8 milligrams per kilogram of body weight, as a single dose, mixed in the animal's ration.

(2) Indications for use. For the removal of and control of the following nematode infections: large roundworms (Ascaris suum), nodular worms (Oesophagostomum spp.), lungworms (Metastrongylus spp.), intestinal threadworms (Strongyloides ransomi), and swine kidney worms (Stephanurus dentatum).

(3) Limitations. For pigs from weaning to market weight, mix one 58.1-gram packet of levamisole resinate containing the equivalent of 10-percent levamisole hydrochloride in 40 pounds of feed and administer 1 pound of medicated feed per 40 pounds of body weight as sole ration. For breeding swine, mix 1 packet of the 10-percent resinate in 16 pounds of feed and administer 1 pound of medicated feed per 100 pounds of body weight as sole ration. Administer as single doses. Withhold regular feed overnight and administer medicated feed the following morning. Do not withhold water during fasting. Salivation or muzzle foam may be observed. The reaction will disappear a short time after feeding. If pigs are infected with mature lungworms, coughing and vomiting may be observed. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism. Do not administer within 72 hours of slaughter for food.


§ 520.1242f Levamisole hydrochloride gel.

(a) Specifications. The drug is a gel containing 11.5 percent levamisole hydrochloride.

(b) Sponsor. See No. 053501 in § 510.600(c) of this chapter.

(c) Related tolerances. See § 556.350 of this chapter.

(d) Conditions of use.—(1) Cattle—(i) Amount. Eight milligrams of levamisole hydrochloride per kilogram of body weight, as a single oral dose.

(ii) Indications for use. Anthelmintic effective against the following nematode infections: Stomach worms (Haemonchus, Trichostrongylus, Ostertagia), intestinal worms (Trichostrongylus, Cooperia, Albendazole, Nematochord, Bunostomum, Oesophagostomum), and lungworms (Dictyocaulus).

(iii) Limitations. Conditions of constant helminth exposure may require re-treatment within 2 to 4 weeks after the first treatment; do not administer to cattle within 6 days of slaughter for food; do not administer to dairy animals of breeding age; consult veterinarian before using in severely debilitated animals.

(2) Breeding swine—(i) Amount. Eight milligrams per kilogram of body
§ 520.1242g Levamisole resinate and famphur paste.

(a) Chemical name of famphur. O, O-Dimethyl O-[(dimethylsulfamoyl)phenyl] phosphorothioate.

(b) Specifications. The drug is a paste containing 11.6 percent levamisole resinate (50 percent potency) and 23.6 percent famphur.

(c) Sponsor. See 000061 in § 510.600(c) of this chapter.

(d) Special considerations. Do not use any cholinesterase-inhibiting drugs, pesticides, insecticides, or chemicals on cattle simultaneously or within a few days before or after treatment with this product.

(e) Related tolerances. See § 556.350 of this chapter for levamisole and § 556.273 of this chapter for famphur.

(f) Conditions of use in cattle—(1) Amount. 8 milligrams of levamisole hydrochloride (equivalent) and 30 milligrams of famphur activity per kilogram of body weight.

(2) Indications for use. For treatment of cattle infected with the following parasites: stomach worms (Haemonchus, Trichostrongylus, Ostertagia), intestinal worms (Trichostrongylus, Cooperia, Nematodirus, Bunostomum, Oesophagostomum), lungworms (Dictyocaulus), cattle grubs (Hypoderma), biting lice (Bovicola), and sucking lice (Linognathus, Solenoptes).

(3) Limitations. Drug is not effective against lice eggs. Conditions of constant helminth and ectoparasitic exposure may require retreatment within 2 to 4 weeks after first treatment. Do not administer to cattle within 19 days of slaughter. Do not administer to dairy animals of breeding age. Do not use in calves less than 3 months old, or in debilitated animals. Do not treat Brahman bulls. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.