§ 520.1195  Ivermectin liquid.

(a) Specifications—(1) Each milliliter (mL) contains 10 milligrams (mg) ivermectin.

(b) Sponsors. See sponsor numbers in § 500.25 or § 556.344 of this chapter.

(c) Related tolerances. See § 556.344 of this chapter.

(d) Special considerations. See § 500.25 of this chapter.

(e) Conditions of use—(1) Horses—(i) Amount. 200 micrograms (mcg) per kilogram (kg) of body weight as a single dose by stomach tube or as an oral drench.

(ii) Indications for use. For treatment and control of:

(A) Large Strongyles (adults): *Strongyloides* equinus (adult), *S. vulgaris* (adult and arterial larval stages), *S. endentatus* (adult and migrating tissue stages), *Triodontophorus* spp. (adult and fourth-stage larvae), *Cylicocyclus* spp., *Cylicodentophorus* spp., *Cylcodentophorus* spp.; Pinworms (*Oxyuris equi* (adult and fourth-stage larvae)); Ascarids (*Parascaris equorum* (adult and third- and fourth-stage larvae)); Hairworms (*Trichostrongylus axei* (adult)); Large mouth Stomach Worms (*Habronema muscae* (adult)); Stomach Bots (*Gastrophilus* spp. (oral and gastric stages)); Lungworms (*Dictyocaulus arnfieldi* (adult and fourth-stage larvae)); Intestinal worms (*Strongyloides westeri* (adult)); Summer Sores caused by *Habronema* and *Draschia* spp. cutaneous third-stage larvae; Dermatitis caused by neck threadworm microfilariae (*Onchocerca* sp.).

(B) Large Strongyles (*Strongyloides equinus* (adult), *S. vulgaris* (adult and third-stage larvae); *Oxyuris equi* (adult and fourth-stage larvae); *Parascaris equorum*; Hairworms (*Trichostrongylus axei*; Large mouth Stomach Worms (adults); *Habronema muscae*; Bots (oral and gastric stages); *Gasterophilus* spp. including *G. intestinalis* and *G. nasalis*; Lungworms (adults and fourth-stage larvae); *Dictyocaulus arnfieldi*; Intestinal Threadworms (adults), *Strongyloides westeri*; Summer Sores caused by *Habronema* and *Draschia* spp. cutaneous third-stage larvae; Dermatitis caused by neck threadworm microfilariae, *Onchocerca* sp.

(ii) Limitations. Do not use in horses intended for human consumption. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

(ii) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(iii) Use of product described in paragraph (e)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(B), and (e)(1)(iii) of this section.

(iii) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(iv) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(v) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(vi) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(vii) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(viii) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(ix) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(x) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xi) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xii) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xiii) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xiv) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xv) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xvi) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xvii) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xviii) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xix) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(xx) Use of product described in paragraph (a)(1) of this section as in paragraphs (e)(1)(i), (e)(1)(ii)(A), and (e)(1)(iii) of this section.

(2) Sheep—(i) Amount. 200 mcg/kg (3 mL/26 pounds) of body weight as a single dose oral drench.

(ii) Indications for use. For treatment and control of the adult and fourth-stage larvae of gastrointestinal roundworms (*Haemonchus contortus, H. placei* (adults only), *Ostertagia circumcincta, Trichostrongylus axei, T. columbiformis, Cooperia oncophora* (adults only), *C. curticei, 169
Oesophagostomum columbianum, O. venulosum (adults only), Nematodirus battus, N. spathiger, S. papillosus (adults only), Chabertia ovina (adult only), Trichuris ovis (adults only); lungworms (D. filaria); and all larval stages of the nasal bot Oestrus ovis.

(iii) Limitations. For use in sheep only. Do not use in other animal species as severe adverse reactions, including fatalities in dogs, may result. Do not treat sheep within 11 days of slaughter.

§ 520.1196 Ivermectin and pyrantel pamoate chewable tablets.

(a) Specifications. Each chewable tablet contains either 68 micrograms (μg) of ivermectin and 57 milligrams (mg) of pyrantel (as pamoate salt), or 136 μg and 114 mg, or 272 μg and 227 mg, respectively.

(b) Sponsors. See Nos. 050604, 051311, and 063604 in § 510.600(c) of this chapter.

(c) Conditions of use—(1) Dogs—(i) Amount. A minimum of 6 μg of ivermectin and 5 mg of pyrantel (as pamoate salt) per kilogram (2.72 μg and 2.27 mg per pound) of body weight.

(ii) Indications for use. To prevent canine heartworm disease by eliminating the tissue larval stages of Dirofilaria immitis for up to a month (30 days) after infection and treatment and control of adult ascarids Toxocara canis and Toxascaris leonina, and adult hookworms Ancylostoma caninum, A. braziliense, and Uncinia stenocephala.

(iii) Limitations. Use monthly. Recommended for dogs 6 weeks of age and older. Federal law restricts this drug to use by or on the order of a licensed veterinarian.

(2) [Reserved]

§ 520.1197 Ivermectin sustained-release bolus.

(a) Specifications. Each sustained-release bolus contains 1.72 grams of ivermectin.

(b) Sponsor. See No. 050604 in § 510.600(c) of this chapter.

(c) Related tolerances. See § 556.344 of this chapter.

(d) Conditions of use in ruminating calves—(1) Amount. Administer one bolus per calf weighing at least 275 pounds (lb) (125 kilograms (kg)) and not more than 660 lb (300 kg) on the day of administration.

(2) Indications. For treatment and control, throughout the grazing season (approximately 130 days), of gastrointestinal roundworms Haemonchus placei, Ostertagia ostertagi (including inhibited fourth-stage larvae), Trichostrongylus axei, T. colubriformis, Cooperia spp., Nematodirus helvetianus, Bunostomum, Oesophagostomum radiatum; lungworms Dictyocaulus viviparus; grubs Hypoderma spp.; sucking lice Linognathus vituli, Solenopotes capillatus; mange mites Psoroptes ovis, Sarcoptes scabiei, and ticks Amblyomma americanum.

(3) Limitations. The bolus was specifically designed for use in cattle; do not use in other animal species. Calves must be ruminating and older than 12 weeks of age. Do not administer to calves weighing less than 275 lb (125 kg). Do not administer a damaged bolus. Because a milk withdrawal time has not been established, do not use in female dairy cattle of breeding age. Do not slaughter cattle within 180 days of treatment. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.


§ 520.1198 Ivermectin and praziquantel paste.

(a) Specifications. Each milligram (mg) of paste contains:

1. 0.0155 mg (1.55 percent) ivermectin and 0.0775 mg (7.75 percent) praziquantel.

2. 0.0187 mg (1.87 percent) ivermectin and 0.1403 mg (14.03 percent) praziquantel.

(b) Sponsors. See sponsors in § 510.600(c) of this chapter for uses as in paragraph (d) of this section.—