Food and Drug Administration, HHS

§ 522.1192 Ivermectin.

(a) Specifications—(1) Each milliliter (mL) of solution contains 20 milligrams (mg) ivermectin.
(2) Each mL of solution contains 10 mg ivermectin.

(b) Sponsors. See sponsors in §510.600(c) of this chapter for use as in paragraph (e) of this section.

(1) No. 050604 for use of the product described in paragraph (a)(1) of this section as in paragraph (e)(1) of this section; the product described in paragraph (a)(2) of this section as in paragraphs (e)(2)(i), (e)(2)(ii)(A), (e)(2)(ii)(C), (e)(2)(iii), (e)(3), (e)(4) and (e)(5) of this section; and the product described in paragraph (a)(3) of this section as in paragraphs (e)(3) and (e)(6) of this section.

(2) Nos. 055529 and 059130 for use of the product described in paragraph (a)(2) of this section as in paragraphs (e)(2)(i), (e)(2)(ii)(A), (e)(2)(ii)(C), (e)(2)(iii), (e)(3), (e)(4) and (e)(5) of this section.

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

(d) Special considerations—(1) See §500.25 of this chapter.

(2) Labeling shall bear the following precaution: “This product should not be used in other animal species as severe adverse reactions, including fatalities in dogs, may result.”

(e) Conditions of use—(1) Horses—(i) Amount. 200 micrograms per kilogram (μg/kg) of body weight by intramuscular injection.

(ii) Indications for use. For the treatment and control of large strongyles (adult) (Strongylus vulgaris, S. edentatus, Triodontophorus spp.), small strongyles (adult and fourth stage larvae) (Cyathostomum spp., Cylicocyclus spp., Cylicostephanus spp.), pinworms (adult and fourth-stage larvae) (Oxyuris equi), large roundworms (adult) (Parascaris equorum), hairworms (adult) (Trichostrongylus axei), large mouth stomach worms (adult) (Habronema muscae), neck threadworms (microfilariae) (Onchocerca spp.), and stomach bots (Gastrophilus spp.).

(4) Nos. 051311 and 053501 for use of product described in paragraph (a)(1)(ii) of this section as follows:

(i) For prevention of iron deficiency anemia, administer 1 mL by intramuscular injection at 2 to 5 days of age. Dosage may be repeated at 2 weeks of age.

(ii) For treatment of iron deficiency anemia, administer 1 to 2 mL by intramuscular injection at 5 to 28 days of age.

(5) No. 053501 for use of product described in paragraph (a)(1)(iii) of this section as follows:

(i) For prevention of anemia due to iron deficiency, administer 100 mg by intramuscular or subcutaneous injection at 2 to 4 days of age.

(ii) For treatment of anemia due to iron deficiency, administer 100 mg by intramuscular or subcutaneous injection up to 4 weeks of age.

(6) Nos. 058005 and 059130 for use of product described in paragraph (a)(1)(iii) of this section as follows:

(i) For prevention of anemia due to iron deficiency, administer 100 mg by intramuscular injection at 2 to 4 days of age.

(ii) For treatment of anemia due to iron deficiency, administer 100 mg by intramuscular injection. Treatment may be repeated in 10 days.

(7) Nos. 042552 and 059130 for use of product described in paragraph (a)(2) of this section as follows:

(i) For prevention of baby pig anemia due to iron deficiency, intramuscularly inject 200 mg of elemental iron (1 mL) at 1 to 3 days of age.

(ii) For treatment of baby pig anemia due to iron deficiency, intramuscularly inject 200 mg of elemental iron at the first sign of anemia.

(8) No. 062408 for use of product described in paragraph (a)(2) of this section as follows:

(i) For prevention of iron deficiency anemia, administer 200 mg intramuscularly on or before 3 days of age.

(ii) For treatment of iron deficiency anemia, administer 200 mg intramuscularly.
§ 522.1193 Ivermectin and clorsulon.

(a) Specifications. Each milliliter (mL) of solution contains 10 milligrams (mg) (1 percent) ivermectin and 100 mg (10 percent) clorsulon.

(b) Sponsors. See Nos. 050604 and 055529 in §510.600(c) of this chapter for use as in paragraph (e) of this section.

(c) Related tolerances. See §§556.163 and 556.344 of this chapter.

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

(e) Conditions of use in cattle.—(1) Amount. Administer 1 mL (10 mg ivermectin and 100 mg clorsulon) per 50 kilograms (110 pounds) by subcutaneous injection.

(E) Indications for use. For the treatment and control of gastrointestinal nematodes (adults and fourth-stage larvae) (Haemonchus placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum); lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparus); grubs (parasitic stages) (Hypoderma bovis, H. placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum); lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparus); grubs (parasitic stages) (Hypoderma bovis, H. placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum); lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparus); grubs (parasitic stages) (Hypoderma bovis, H. placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum); lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparus); grubs (parasitic stages) (Hypoderma bovis, H. placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum); lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparus); grubs (parasitic stages) (Hypoderma bovis, H. placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum); lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparus); grubs (parasitic stages) (Hypoderma bovis, H. placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum); lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparus); grubs (parasitic stages) (Hypoderma bovis, H. placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum); lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparus); grubs (parasitic stages) (Hypoderma bovis, H. placei, Ostertagia ostertagi (including inhibited larvae), O. lyrata, Trichostrongylus axei, T. colubriformis, Cooperia oncophora, C. punctata, C. pectinata, Oesophagostomum radiatum, Nematodirus helvetianus (adults only), N. spathiger (adults only), Bunostomum phlebotomum); lungworms (adults and fourth-stage larvae) (Dictyocaulus viviparus); grubs (parasitic stages) (Hypoderma bovis, H.