Food and Drug Administration, HHS

§ 558.265 Halofuginone hydrobromide.

(a) Specifications. Type A medicated articles containing 6 grams of halofuginone hydrobromide per kilogram.

(b) Approvals. See No. 016592 in §510.600(c) of this chapter.

(c) Related tolerances. See §556.308 of this chapter.

(d) Conditions of use. (1) It is used in feed for broiler chickens as follows:

(i) Amount. 2.72 grams per ton.

(A) Indications for use. For the prevention of coccidiosis caused by *Eimeria tenella*, *E. necatrix*, *E. acervulina*, *E. brunetti*, *E. mivati*, and *E. maxima*.

(B) Limitations. Feed continuously as sole ration; withdraw 4 days before slaughter; do not feed to layers; avoid contact with skin, eyes, or clothing; keep out of lakes, ponds, or streams.

(ii) Amount per ton. Halofuginone 2.72 grams (0.0003 percent) plus bambermycins 1 to 2 grams.

(A) Indications for use. For the prevention of coccidiosis caused by *Eimeria tenella*, *E. necatrix*, *E. acervulina*, *E. brunetti*, *E. mivati*, and *E. maxima*; for increased rate of weight gain and improved feed efficiency.

(B) Limitations. Feed continuously as sole ration; withdraw 5 days before slaughter; do not feed to layers; use as sole source of organic arsenic; do not feed to layers; avoid contact with skin, eyes, or clothing; keep out of lakes, ponds, or streams.

(iii) Amount per ton. Halofuginone 2.72 grams (0.0003 percent) plus virginiamycin 5 grams.

(A) Indications for use. For the prevention of coccidiosis caused by *Eimeria tenella*, *E. necatrix*, *E. acervulina*, *E. brunetti*, *E. mivati*, and *E. maxima*; for increased rate of weight gain and improved feed efficiency.

(B) Limitations. Feed continuously as sole ration; withdraw 5 days before slaughter; use as sole source of organic arsenic; do not feed to layers; avoid contact with skin, eyes, or clothing; keep out of lakes, ponds, or streams.

(iv) Amount per ton. Halofuginone 2.72 grams (0.0003 percent) plus bacitracin methylene disalicylate 10 to 50 grams and roxarsone 22.7 to 45.4 grams.

(A) Indications for use. For the prevention of coccidiosis caused by *Eimeria tenella*, *E. necatrix*, *E. acervulina*, *E. brunetti*, *E. mivati*, and *E. maxima*; for increased rate of weight gain and improved feed efficiency.

(B) Limitations. Feed continuously as sole ration; withdraw 5 days before slaughter; use as sole source of organic arsenic; do not feed to layers; avoid contact with skin, eyes, or clothing; keep out of lakes, ponds, or streams.

(v) Amount per ton. Halofuginone 2.72 grams (0.0003 percent) plus bacitracin methylene disalicylate 10 to 50 grams.

(A) Indications for use. For the prevention of coccidiosis caused by *Eimeria tenella*, *E. necatrix*, *E. acervulina*, *E. brunetti*, *E. mivati*, and *E. maxima*; for increased rate of weight gain and improved feed efficiency.

(B) Limitations. Feed continuously as sole ration; withdraw 5 days before slaughter; use as sole source of organic arsenic; do not feed to layers; avoid contact with skin, eyes, or clothing; keep out of lakes, ponds, or streams.

(vi) Amount per ton. Halofuginone 2.72 grams (0.0003 percent) plus bacitracin methylene disalicylate 10 to 50 grams.

(A) Indications for use. For the prevention of coccidiosis caused by *Eimeria tenella*, *E. necatrix*, *E. acervulina*, *E. brunetti*, *E. mivati*, and *E. maxima*; for increased rate of weight gain and improved feed efficiency.
(B) Limitations. Feed continuously as sole ration; withdraw 5 days before slaughter; do not feed to layers; avoid contact with skin, eyes, or clothing; keep out of lakes, ponds, or streams.

(vii) Amount per ton. Halofuginone 2.72 grams (0.003% percent) plus lincomycin 2 to 4 grams.

(A) Indications for use. For the prevention of coccidiosis caused by Eimeria tenella, E. necatrix, E. acervulina, E. brunetti, E. mivati, and E. maxima and for improved feed efficiency.

(B) Limitations. Feed continuously as sole ration; withdraw 4 days before slaughter; do not feed to layers; avoid contact with skin, eyes, or clothing; keep out of lakes, ponds, or streams.

(viii) Amount per ton. Halofuginone hydrobromide, 2.72 grams plus roxarsone, 22.7 to 45.4 grams.

(A) Indications for use. For the prevention of coccidiosis caused by Eimeria tenella, E. necatrix, E. acervulina, E. brunetti, E. mivati, and E. maxima; for increased rate of weight gain, improved feed efficiency, and improved pigmentation.

(B) Limitations. Feed continuously as sole ration to replacement cage laying chickens until 20 weeks of age. Feed continuously as sole ration to replacement broiler breeder chickens until 16 weeks of age. Use as the sole source of organic arsenic; drug overdose or lack of water intake may result in leg weakness or paralysis. Do not feed to laying chickens or waterfowl. Withdraw 5 days before slaughter.

(2) It is used in feed for turkeys as follows:

(i) Amount per ton. 1.36 to 2.72 grams.

(A) Indications for use. For the prevention of coccidiosis in growing turkeys caused by Eimeria adenoeides, E. meleagrimitis, and E. gallopavonis.

(B) Limitations. Feed continuously as sole ration; withdraw 7 days before slaughter. Do not feed to laying chickens or waterfowl. Halofuginone hydrobromide is toxic to fish and other aquatic life. Keep out of lakes, ponds, and streams. Halofuginone hydrobromide is an eye and skin irritant. Avoid contact with skin, eyes, and clothing.

(3) It is used in feed for replacement cage laying chickens and replacement broiler breeder chickens as follows:

(i) Amount per ton. 2.72 grams.

(A) Indications for use. For the prevention of coccidiosis caused by Eimeria tenella, E. necatrix, E. acervulina, E. maxima, E. mivati/E. mitis, and E. brunetti.

(B) Limitations. Feed continuously as sole ration to replacement cage laying chickens until 20 weeks of age. Feed continuously as sole ration to replacement broiler breeder chickens until 16 weeks of age. Withdraw 4 days before slaughter. Do not feed to laying chickens or waterfowl. Halofuginone hydrobromide is toxic to fish and aquatic life. Keep out of lakes, ponds, and streams. Halofuginone hydrobromide is an irritant to eyes and skin. Avoid contact with skin, eyes, and clothing.

(ii) Amount per ton. Halofuginone hydrobromide, 1.36 to 2.72 grams plus bacitracin methylene disalicylate 10 to 50 grams.

(A) Indications for use. For prevention of coccidiosis caused by Eimeria adenoeides, E. meleagrimitis, and E. gallopavonis, and for increased rate of weight gain in growing turkeys.
increased rate of weight gain, improved feed efficiency, and improved pigmentation.

(B) Limitations. Feed continuously as sole ration to replacement cage laying chickens until 20 weeks of age. Feed continuously as sole ration to replacement broiler breeder chickens until 16 weeks of age. Use as the sole source of organic arsenic; drug overdose or lack of water intake may result in leg weakness or paralysis. Do not feed to laying chickens or waterfowl. Withdraw 5 days before slaughter.

§ 558.274 Hygromycin B.

(a) Approvals. (1) Type A medicated articles: 2.4 and 8 grams per pound to 000986 in § 510.600(c) of this chapter for use as in paragraph (c) of this section.

(2) 2.4 grams per pound to No. 051311 in § 510.600(c) of this chapter for use in swine feed as in paragraph (c)(1)(ii) of this section.

(3) [Reserved]

(4) 0.6 gram per pound to 017790 and 043733 in § 510.600(c) of this chapter for use in chickens as in paragraph (c)(1)(i) and in swine as in paragraph (c)(1)(ii) of this section.

(5)–(7) [Reserved]

(8) 0.6 and 1.6 grams per pound granted to 046573 in § 510.600(c) of this chapter for use in chickens as in paragraph (c)(1)(i) and in swine as in paragraph (c)(1)(ii) of this section.

(b) Related tolerances. See § 556.330 of this chapter.

(c) Conditions of use. (1) It may be used as follows:

<table>
<thead>
<tr>
<th>Hygromycin B in grams per ton</th>
<th>Combination in grams per ton</th>
<th>Indications for use</th>
<th>Limitations</th>
<th>Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) 8 to 12 ..................</td>
<td>Bacitracin 100 ..........</td>
<td>Chickens: control of infestation of large roundworms (Ascaris galli), cecal worms (Heterakis gallinae), and capillary worms (Capillaria obsignata); treatment of chronic respiratory disease (airsac infection), blue comb (nonspecific infectious enteritis).</td>
<td>Withdraw 3 days before slaughter.</td>
<td>000986, 017790, 043733, 046573</td>
</tr>
<tr>
<td>Bacitracin plus penicillin (100 to 200 of combination).</td>
<td>Bacitracin plus penicillin</td>
<td>Chickens: control of infestation of large roundworms (Ascaris galli), cecal worms (Heterakis gallinae), and capillary worms (Capillaria obsignata); treatment of chronic respiratory disease (airsac infection), blue comb (nonspecific infectious enteritis).</td>
<td>Feed containing not less than 25% of penicillin plus not less than 60% of bacitracin; as procaine penicillin plus bacitracin methylene disalicylate; withdraw 3 days before slaughter.</td>
<td>Combination containing not less than 50% nor more than 75% of bacitracin, except that it contains not more than 125 g of penicillin; as procaine penicillin plus zinc bacitracin; withdraw 3 days before slaughter.</td>
</tr>
</tbody>
</table>