§ 558.59 Amprolium and ethopabate in grams per ton

<table>
<thead>
<tr>
<th>Combination in grams per ton</th>
<th>Indications for use</th>
<th>Limitations</th>
<th>Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>(11) Amprolium 227 and ethopabate 3.6</td>
<td>Chlorotetracycline 200 to 400</td>
<td>For chickens where immunity to coccidiosis is not desired; prevention of coccidiosis; control of chronic respiratory disease (CRD) and air sac infection caused by M. gallisepticum and E. coli susceptible to chlortetracycline.</td>
<td>In low calcium feed containing 0.8% dietary calcium and 1.5% sodium sulfate; feed continuously as sole ration for 7 to 14 days; do not feed to chickens producing eggs for human consumption.</td>
</tr>
</tbody>
</table>

[41 FR 10990, Mar. 15, 1976]

Editorial Note: For Federal Register citations affecting §558.58, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

§ 558.59 Apramycin.

(a) Approvals. Type A articles to sponsors identified in §510.600(c) of this chapter as follows:

(1) 000986 for 75 grams apramycin (as apramycin sulfate) per pound for use as in paragraph (d)(1) of this section.

(2) [Reserved]

(b) [Reserved]

(c) Related tolerances. See §556.52 of this chapter.

(d) Conditions of use—(1) Swine—(i) Amount. 150 grams per ton.

(ii) Indications for use. For control of porcine colibacillosis (weanling pig scours) caused by susceptible strains of Escherichia coli.

(iii) Limitations. Use for 14 days. Withdraw 28 days before slaughter.

§ 558.76 Bacitracin methylene disalicylate.

(a) Approvals. Type A medicated articles: 10, 25, 30, 40, 50, 60, or 75 grams per pound to 054771 in §510.600(c) of this chapter.

(b) Special considerations. The quantities of antibiotics are expressed in terms of the equivalent amount of antibiotic standard.

(c) Related tolerances. See §556.70 of this chapter.

(d) Conditions of use. (1) Use as follows:

<table>
<thead>
<tr>
<th>Combination in grams per ton</th>
<th>Indications for use</th>
<th>Limitations</th>
<th>Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) 4 to 50 ...................</td>
<td>Chickens, turkeys, and pheasants; increased rate of weight gain and improved feed efficiency.</td>
<td>——</td>
<td>054771</td>
</tr>
<tr>
<td>(ii) 5 to 20 ..................</td>
<td>Quail not over 5 weeks of age; increased rate of weight gain and improved feed efficiency.</td>
<td>——</td>
<td>054771</td>
</tr>
<tr>
<td>(iii) 10 to 25 ...............</td>
<td>Chickens; for increased egg production and improved feed efficiency.</td>
<td>For first 7 months of production</td>
<td>054771</td>
</tr>
<tr>
<td>(iv) 10 to 30 ...............</td>
<td>Swine: for increased rate of weight gain and improved feed efficiency.</td>
<td>For growing and finishing swine</td>
<td>054771</td>
</tr>
<tr>
<td></td>
<td>Chlorotetracycline approximately 400, varying with body weight and feed consumption to provide 10 milligrams per pound of body weight per day.</td>
<td>Swine: for increased rate of weight gain and improved feed efficiency; for treatment of bacterial enteritis caused by Escherichia coli and Salmonella choleraesuis and bacterial pneumonia caused by Pasteurella multocida susceptible to chlorotetracycline.</td>
<td>054771 048164</td>
</tr>
</tbody>
</table>

[51 FR 9190, Mar. 18, 1986]
Food and Drug Administration, HHS  § 558.76

<table>
<thead>
<tr>
<th>Bacitracin methylene disalicylate 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>(v) [Reserved]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(vi) 50</td>
<td></td>
<td></td>
<td></td>
<td>054771</td>
</tr>
<tr>
<td>(vii) 70 milligrams per head per day</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(vii) 70 milligrams per head per day</td>
<td>Swine; for control of porcine proliferative enteropathies (ileitis) caused by <em>Lawsonia intracellularis</em> susceptible to chlortetracycline.</td>
<td>Feed for not more than 14 days; chlortetracycline and BMD as provided by 054771 in §510.600(c) of this chapter.</td>
<td>054771</td>
<td></td>
</tr>
<tr>
<td>(viii) 100 to 200</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(ix) 100 to 200</td>
<td>Broiler chickens; as an aid in the prevention of necrotic enteritis caused or complicated by <em>Clostridium</em> spp. or other organisms susceptible to bacitracin.</td>
<td>Feed continuously as sole ration</td>
<td>054771</td>
<td></td>
</tr>
<tr>
<td>(x) 200</td>
<td>Replacement chickens; as an aid in the prevention of necrotic enteritis caused or complicated by <em>Clostridium</em> spp. or other organisms susceptible to bacitracin.</td>
<td>Feed continuously as sole ration. Start at first clinical signs of disease, vary dosage based on severity of infection, administer continuously for 5 to 7 days or as long as clinical signs persist, then reduce medication to prevention level (50 g/t).</td>
<td>054771</td>
<td></td>
</tr>
<tr>
<td>(xi) 250</td>
<td>Turkeys; as an aid in the control of transmissible enteritis in growing turkeys complicated by organisms susceptible to bacitracin methylene disalicylate.</td>
<td>From Type A medicated articles containing 25, 40, or 50 grams of bacitracin methylene disalicylate. Feed continuously as the sole ration.</td>
<td>054771</td>
<td></td>
</tr>
</tbody>
</table>

1 These conditions are NAS/NRC reviewed and found effective. Applications for these uses may not require effectiveness data as specified by §514.111 of this chapter, but may require bioequivalency and safety information.

(2) It is used as bacitracin methylene disalicylate in feed for animals as follows:

(i) Amount. 70 milligrams per head per day.
(a) **Indications for use.** Feedlot beef cattle; reduction in the number of liver condemnations due to abscesses.

(b) **Limitations.** Administer continuously throughout the feeding period.

(ii) **Amount.** 250 milligrams per head per day.

(a) **Indications for use.** Feedlot beef cattle; reduction in the number of liver condemnations due to abscesses.

(b) **Limitations.** Administer continuously for 5 days then discontinue for subsequent 25 days, repeat the pattern during the feeding period.

3. Bacitracin methylene disalicylate may also be used in combination with:

(i) Amprolium as in § 558.55.

(ii) Amprolium and ethopabate as in § 558.58.

(iii) Decoquinate as in § 558.195.

(iv) Diclorazuril as in § 558.198.

(v) Fenbendazole as in § 558.258.

(vi) Halofuginone as in § 558.265.

(vii) Hygromycin B as in § 558.274.

(viii) Ivermectin as in § 558.300.

(ix) Lasalocid sodium as in § 558.311.

(x) Monensin as in § 558.355.

(xi) Narasin as in § 558.363.

(xii) Nicarbazin alone and with narasin as in § 558.366.

(xiii) Nitarsone as in § 558.369.

(xiv) Robenidine as in § 558.515.

(xv) Salinomycin as in § 558.550.

(xvi) Semduramicin as in § 558.555.

(xvii) Zoalene as in § 558.680.

[41 FR 10993, Mar. 15, 1976]

EDITORIAL NOTE: For Federal Register citations affecting § 558.76, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

§ 558.78 Bacitracin zinc.

(a) **Specifications.** Type A medicated articles containing bacitracin zinc equivalent to 10, 25, 40, or 50 grams per pound bacitracin.

(b) **Approvals.** See No. 054771 in § 510.600(c) of this chapter.

(c) **Related tolerances.** See § 556.70 of this chapter.

(d) **Conditions of use.** (1) It is used as follows:

<table>
<thead>
<tr>
<th>Bacitracin zinc in grams per ton</th>
<th>Combinations in grams per ton</th>
<th>Indications for use</th>
<th>Limitations</th>
<th>Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) 4 to 50 ..................</td>
<td>................................</td>
<td>Chickens: for increased rate of weight gain and improved feed efficiency.</td>
<td>Growing chickens</td>
<td>054771</td>
</tr>
<tr>
<td>(ii) 4 to 50 ..................</td>
<td>................................</td>
<td>Turkeys and pheasants: for increased rate of weight gain and improved feed efficiency.</td>
<td>Growing turkeys and pheasants</td>
<td>054771</td>
</tr>
<tr>
<td>(iii) 5 to 20 ..................</td>
<td>................................</td>
<td>Quail: for increased rate of weight gain and improved feed efficiency.</td>
<td>Growing quail; feed as the Type C feed to starting quail through 5 weeks of age.</td>
<td>054771</td>
</tr>
<tr>
<td>(iv) 10 to 25 ..................</td>
<td>................................</td>
<td>Laying chickens; improved feed efficiency and increased egg production.</td>
<td>In Type C feed</td>
<td>054771</td>
</tr>
<tr>
<td>(v) 10 to 50 ..................</td>
<td>................................</td>
<td>Swine; increased rate of weight gain and improved feed efficiency.</td>
<td>Growing and finishing swine</td>
<td>054771</td>
</tr>
<tr>
<td>(vi) 20 ........................</td>
<td>................................</td>
<td>Growing-finishing swine; increased rate of weight gain. Improved feed efficiency.</td>
<td>In Type C feed</td>
<td>054771</td>
</tr>
<tr>
<td>(vii) 20 to 40 ..................</td>
<td>................................</td>
<td>In Type C feed</td>
<td>054771</td>
<td></td>
</tr>
</tbody>
</table>

(2) It is used in feed for growing cattle at 35 to 70 milligrams per head per day as follows:

(i) To aid in stimulating growth and improving feed efficiency.

(ii) For increased rate of weight gain and improved feed efficiency; see sponsor 054771.

3. Bacitracin zinc may also be used in combination with:

(i) Amprolium and ethopabate as in § 558.58.

(ii) Clopidol as in § 558.175.

(iii) Decoquinate as in § 558.195.

(iv) Lasalocid as in § 558.311.

(v) Monensin as in § 558.355.

(vi) Naracin as in § 558.363.

(vii) Nitarsone as in § 558.369.

(viii) Robenidine as in § 558.515.

(ix) Salinomycin as in § 558.550.

[41 FR 10994, Mar. 15, 1976]

EDITORIAL NOTE: For Federal Register citations affecting § 558.78, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

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