Pennchlor 90-G® CHLORTETRACYCLINE

NADA 138-935 APPROVED BY FDA

PRODUCT DESCRIPTION
Pharmgate’s Pennchlor 90-G® is a Type A Medicated Article that contains 90 grams chlortetracycline as the calcium complex and calculated as hydrochloride per pound. Chlortetracycline is a broad spectrum antibiotic approved for use in livestock and poultry feeds. Chlortetracycline is used in livestock and poultry to treat disease and is effective against strains of gram-positive and gram-negative organisms.

PRODUCT ADVANTAGES
- Improved formulation for less dust.
- Improved formulation for easier blending.
- Effective broad spectrum activity against diseases.
- Free flowing and easy blending.
- Low treatment cost versus other antibiotics.
- Manufactured and quality-controlled at Pharmgate’s manufacturing facility according to FDA cGMP requirements
- Color-coded bag for easy identification.

CLEARANCES
Pharmgate’s Pennchlor 90-G® is a Type A Medicated Category I drug product. Feeds prepared using the Pennchlor 90-G® do not require a FDA Medicated Feed Mill License Application. Review labels for use directions and withdrawals. Pennchlor 90-G® can be mixed on the farm.

SPECIES APPROVED
Swine, Chickens, Turkeys, Nonlactating Dairy Cows, Beef Cattle and Sheep.

AMOUNT OF MEDICATION PER TON

<table>
<thead>
<tr>
<th>Level Desired</th>
<th>Pharmgate Pennchlor 90-G®</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 grams</td>
<td>.11 lb.</td>
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<tr>
<td>50 grams</td>
<td>.55 lb.</td>
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<tr>
<td>70 grams</td>
<td>.78 lb.</td>
</tr>
<tr>
<td>100 grams</td>
<td>1.11 lb.</td>
</tr>
<tr>
<td>200 grams</td>
<td>2.22 lb.</td>
</tr>
<tr>
<td>400 grams</td>
<td>4.44 lb.</td>
</tr>
<tr>
<td>500 grams</td>
<td>5.55 lb.</td>
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</tbody>
</table>

Take time to observe label directions.
# Directions for Use

*(Use level based on Chlortetracycline as HCl Salt. Mix quantity designated per ton of feed.)*

<table>
<thead>
<tr>
<th>Indications for Use</th>
<th>Use Levels of Chlortetracycline g/ton</th>
<th>lbs. of Pennchlor 90-G* per ton</th>
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<th>lbs. of Pennchlor 90-G* per ton</th>
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<tr>
<td><strong>CHICKENS</strong></td>
<td>For Broiler/layer chickens: For an increased rate of weight gain and improved feed efficiency. <strong>WARNING</strong>: Do not feed to chickens producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>10-50 g/ton</td>
<td>0.111-0.555</td>
<td>For Growing Swine: For an increased rate of weight gain and improved feed efficiency. <strong>WARNING</strong>: Do not feed to pigs producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>10-50 g/ton</td>
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<tr>
<td></td>
<td>For Chickens: Control of infectious synovitis caused by <em>Moraxella avium</em> susceptible to chlortetracycline. (Feed continuously for 7-14 days) <strong>WARNING</strong>: Do not feed to chickens producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>100-200 g/ton</td>
<td>1.11-2.22</td>
<td>For Swine: Reducing the incidence of clinical lymphadenitis (owl abscesses) caused by <em>Spirillum minus</em> susceptible to chlortetracycline.</td>
<td>50-100 g/ton</td>
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<td></td>
<td>For Chickens: Control of chronic respiratory disease (CRD) and air sac infection caused by <em>Moraxella avium</em> and <em>Pasteurella multocida</em> susceptible to chlortetracycline. (Feed continuously for 7-14 days) <strong>WARNING</strong>: Do not feed to chickens producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>200-400 g/ton</td>
<td>2.22-4.44</td>
<td>For Breeding Swine: Control of ketosis (reducing the incidence of abortions and shedding of leptospirae) caused by <em>Leptospira canicola</em> susceptible to chlortetracycline. (Feed continuously for 14 days) <strong>WARNING</strong>: Zero-day withdrawal period.</td>
<td>400 g/ton</td>
</tr>
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<td></td>
<td>For Chickens: Reduction of mortality due to <em>Escherichia coli</em> infections susceptible to chlortetracycline. (Feed for 5 days) <strong>WARNING</strong>: Do not feed to chickens producing eggs for human consumption, Withdraw 24 hours prior to slaughter.</td>
<td>500 g/ton</td>
<td>5.55</td>
<td>For Swine: Treatment of bacterial enteritis caused by <em>Escherichia coli</em> and <em>Salmonella enterica</em>. Bacterial pneumonia caused by <em>Pasteurella multocida</em> susceptible to chlortetracycline. (Feed for not more than 14 days) <strong>WARNING</strong>: Zero-day withdrawal period.</td>
<td>Feed approximately 40 g/lb, varying with body weight and feed consumption to provide 10 mg/lb body weight/day</td>
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<tr>
<td><strong>TURKEYS</strong></td>
<td>For Turkeys: Growing Turkeys: For an increased rate of weight gain and improved feed efficiency. <strong>WARNING</strong>: Do not feed to turkeys producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>10-50 g/ton</td>
<td>0.111-0.555</td>
<td>For Calves (up to 250 lbs.): For an increased rate of weight gain and improved feed efficiency. <strong>WARNING</strong>: Do not feed to calves producing eggs for human consumption, Withdraw 24 hours prior to slaughter.</td>
<td>0.1 mg/lb body weight/day</td>
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<tr>
<td></td>
<td>For Turkeys: Control of infectious synovitis caused by <em>Moraxella avium</em> susceptible to chlortetracycline. (Feed continuously for 7-14 days) <strong>WARNING</strong>: Do not feed to turkeys producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>200 g/ton</td>
<td>2.22</td>
<td>For Calves (250-400 lbs.): For an increased rate of weight gain and improved feed efficiency. <strong>WARNING</strong>: Do not feed to calves producing eggs for human consumption, Withdraw 24 hours prior to slaughter.</td>
<td>25-70 mg/head/day</td>
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<td>For Turkeys: Control of necrotic heart caused by <em>Haeccarina meleagridis</em> susceptible to chlortetracycline. (Feed continuously for 7-14 days) <strong>WARNING</strong>: Do not feed to turkeys producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>400 g/ton</td>
<td>4.44</td>
<td>For Growing Cattle (over 400 lbs.): For an increased rate of weight gain, improved feed efficiency and reduction of liver condemnation due to liver abscesses. <strong>WARNING</strong>: Zero-day withdrawal period.</td>
<td>70 mg/head/day</td>
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<td></td>
<td>For Turkeys: Turkey pouls not over 4 weeks of age: Reduction of mortality due to paralysis caused by <em>Streptococcus haemolyticus</em> susceptible to chlortetracycline. <strong>WARNING</strong>: Do not feed to turkeys producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>400 g/ton</td>
<td>4.44</td>
<td>For Beef Cattle: For the control of bacterial pneumonia associated with shipping fever complex caused by <em>Pasteurella multocida</em>. Susceptible to chlortetracycline. <strong>WARNING</strong>: Zero-day withdrawal period.</td>
<td>360 mg/head/day</td>
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<td></td>
<td>For Turkeys: Control of complicating bacterial organisms associated with bursa abscess (transmissible enteritis, coroviral enteritis) susceptible to chlortetracycline. (Feed continuously for 7-14 days) <strong>WARNING</strong>: Do not feed to turkeys producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>25 mg/lb body weight/day</td>
<td></td>
<td>For Beef Cattle (under 700 lbs.): Control of active infection of anaplasmosis caused by <em>Anaplasma marginale</em> susceptible to chlortetracycline. <strong>WARNING</strong>: Zero-day withdrawal period.</td>
<td>360 mg/head/day</td>
</tr>
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<td></td>
<td>Sheep for growing: For an increased rate of weight gain and improved feed efficiency. <strong>WARNING</strong>: Do not feed to lambs producing eggs for human consumption. Zero-day withdrawal period.</td>
<td>20-50 g/ton</td>
<td>0.222-0.555</td>
<td>For Beef Cattle (over 700 lbs.): Control of active infection of anaplasmosis caused by <em>Anaplasma marginale</em> susceptible to chlortetracycline. <strong>WARNING</strong>: Zero-day withdrawal period.</td>
<td>0.5 mg/lb body weight/day</td>
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<td></td>
<td>For Breeding Sheep: Reducing the incidence of vibriotic abortion caused by <em>Corynebacterium fetus</em> susceptible to chlortetracycline. <strong>WARNING</strong>: Zero-day withdrawal period.</td>
<td>80 mg/head/day</td>
<td></td>
<td>For Cattle, Beef, and Nonlactating Dairy Cattle: For treatment of bacterial enteritis caused by <em>Escherichia coli</em> and bacterial pneumonia caused by <em>Pasteurella multocida</em> susceptible to chlortetracycline. (Feed for not more than 14 days) <strong>WARNING</strong>: Zero-day withdrawal period.</td>
<td>10 mg/lb body weight/day</td>
</tr>
</tbody>
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**For use in dry feeds only. Not for use in liquid feed supplements.**

Distributed by

**PharmGate Animal Health**

14040 Industrial Rd. Omaha, NE 68144

Restricted Drug: (California) – Use only as directed

Take time... on-time injections.