

# Zilpaterol, Monensin, and Tylosin Type C Medicated Cattle Feed

## For Use in Cattle Feeds Only

**Caution:** Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by or on the order of a licensed veterinarian.

### INDICATIONS

For increased rate of weight gain, improved feed efficiency, increased carcass leanness, prevention and control of coccidiosis due to *Eimeria bovis* and *E. zuernii* and reduction of incidence of liver abscesses caused by *Fusobacterium necrophorum* and *Arcanobacterium (Actinomyces) progenes* in cattle fed in confinement for slaughter for the last 20 to 40 days on feed.

### ACTIVE DRUG INGREDIENTS

Zilpaterol hydrochloride .....	6.8 g/ton*
Monensin, USP <sup>1</sup> .....	10 to 40 g/ton*
Tylosin phosphate <sup>2</sup> .....	8 to 10 g/ton*

### GUARANTEED ANALYSIS

Crude Protein, not less than .....	_____ %
Non-Protein Nitrogen (NPN) <sup>3</sup> , not more than .....	_____ %
Crude Fat, not less than .....	_____ %
Crude Fiber, not more than .....	_____ %
Calcium, not less than .....	_____ %
Calcium, not more than .....	_____ %
Phosphorus, not less than .....	_____ %
Salt <sup>4</sup> , not less than .....	_____ %
Salt <sup>4</sup> , not more than .....	_____ %
Sodium <sup>5</sup> , not less than .....	_____ %
Sodium <sup>5</sup> , not more than .....	_____ %
Potassium, not less than .....	_____ %
Vitamin A <sup>4,6</sup> , not less than .....	_____ I.U./lb.

<sup>3</sup>When added.

<sup>4</sup>If added.

<sup>5</sup>Shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee.

<sup>6</sup>Other than precursors of Vitamin A.

### INGREDIENTS

Each ingredient must be named in accordance with the names and definitions adopted by the Association of American Feed Control Officials.

## FEEDING DIRECTIONS

Feed continuously as sole ration containing 6.8 g/ton zilpaterol to provide 60 to 90 mg/hd/day zilpaterol, 10 to 40 g/ton monensin to provide 0.14 to 0.42 mg monensin/lb body weight per day, depending on the severity of the coccidiosis challenge, up to 480 mg/hd/day and 8 to 10 g/ton tylosin to provide 60 to 90 mg/hd/day tylosin for the last 20 to 40 days on feed.

## CAUTIONS

Do not allow horses or other equines access to feeds containing monensin. Ingestion of monensin by horses has been fatal. Monensin medicated cattle feed is safe for use in cattle only. Consumption by unapproved species may result in toxic reactions. Do not exceed the levels of monensin recommended in the feeding directions, as reduced average daily gains may result. If feed refusals containing monensin are fed to other groups of cattle, the concentration of monensin in the refusals and amount of refusals fed should be taken into consideration to prevent monensin overdosing.

Do not use in any finished feed (supplement, concentrate or complete feed) containing in excess of 2% bentonite.

Zilpaterol hydrochloride is not for animals intended for breeding. Do not allow horses or other equines access to feed containing zilpaterol. Do not use in veal calves. Not to be fed to cattle in excess of 90 mg/head/day in complete feed. If pen consumption of complete feed exceeds 26.5 lbs/head/day (90 percent dry matter basis), zilpaterol should not be fed in complete feed.

## WARNINGS



Withdraw feed 3 days prior to slaughter. A withdrawal time has not been established for pre-ruminating calves.



The active ingredient in Zilmax<sup>®</sup> is zilpaterol hydrochloride, a beta<sub>2</sub>-adrenergic agonist. Not for use in humans. An anti-dust process has been applied to the drug product, Zilmax<sup>®</sup>, in order to greatly reduce inhalation risk. Extended handling tasks with the potential for dust generation require respiratory protection. Wear appropriate skin protection (e.g., impervious gloves, apron, overalls) if there is a potential for extended skin contact. Wear protective eyewear, if there is a potential for eye contact. If accidental eye contact occurs, immediately rinse with water and consult a physician.

**YOU MAY NOTICE:** Animals receiving zilpaterol hydrochloride may exhibit increased respiratory rate as well as elevated levels of creatine phosphokinase (CPK) and creatinine

## MANUFACTURED BY

BLUE BIRD FEED MILL  
Any town, USA 12345

Net weight lb (kg) on bag or bulk

\*The medicated feed label must state a single drug concentration.

<sup>1</sup>Sourced from Rumensin<sup>™</sup>, NADA#95-735

<sup>2</sup>Sourced from Tylan<sup>™</sup>, NADA# 12-491

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