

Zilpaterol Finishing Cattle Feed – Component Feed + Monensin Tylosin Type B Medicated Liquid Feed

Do Not Feed Undiluted

For increased rate of weight gain, improved feed efficiency, increased carcass leanness, and prevention and control of coccidiosis due to *Eimeria bovis* and *E. zuernii* in cattle fed in confinement for slaughter for the last 20 to 40 days on feed.

ACTIVE DRUG INGREDIENT

Zilpaterol hydrochloride	180 – 680 g/ton*
Monensin, USP	100 – 4000 g/ton*

GUARANTEED ANALYSIS

Crude Protein (Min).....	_____ %
NPN ¹ (Max)	_____ %
Crude Fat (Min)	_____ %
Crude Fiber (Max)	_____ %
Calcium (Min)	_____ %
Calcium (Max)	_____ %
Phosphorus (Min)	_____ %
Salt ² (Min).....	_____ %
Salt ² (Max).....	_____ %
Sodium ³ (Min).....	_____ %
Sodium ³ (Max).....	_____ %
Potassium (Min)	_____ %
Vitamin A ^{2,4} (Min).....	_____ I.U./lb
Dry Matter (Min)	60%
Dry Matter (Max)	75%
pH.....	4.5 to 6.0

¹ When added.
² If added.
³ Shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee.
⁴ 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.

*Final printed label on formulated Type B Medicated Liquid Feed must bear a single drug concentration of each drug.

MIXING DIRECTIONS

Follow the feed mixing examples below to mix Type B feed with non-medicated feed to manufacture a Type C medicated component feed containing 6.8 to 24 g/ton zilpaterol and 10 to 40 g/ton monensin. It is recommended that Type B feeds containing more than 1440 g/ton of monensin be further diluted before mixing in this feed.

Thoroughly mix Type B medicated liquid feed into appropriate cattle feed ingredients to make one ton of the proper concentration in the Type C medicated component feed. See table below for examples to obtain the proper concentration in the Type C medicated component feed (as shown above).

For liquid feeds stored in recirculating tank systems:

Recirculate immediately prior to use for not less than 10 minutes, moving not less than 1 percent of the tank contents per minute from the bottom of the tank to the top. Recirculate daily as described even when not used.

For liquid feeds stored in mechanical, air or other agitation-type tank systems:

Agitate immediately prior to use for not less than 10 minutes, creating turbulence at the bottom of the tank that is visible at the top. Agitate daily as described even when not used.

Zilpaterol in Type B Medicated Liquid Feed ¹	Type B Medicated Liquid Feed to Add to Make a Ton of Type C Medicated Component Feed		Zilpaterol Concentration in Type C Medicated Component Feed ²	Type C Medicated Component Feed Consumption ³	Zilpaterol Consumed
	60% DM Basis	75% DM Basis			
g/ton	lb	lb	g/ton	lb/head/day	mg/head/day
180	444.4	355.5	24.0	5	60
180	185.2	148.2	10.0	12	60
340	235.4	188.3	24.0	5	60
340	98.0	78.4	10.0	12	60
680	117.7	94.2	24.0	5	60
680	49.0	39.2	10.0	12	60

¹Based on 100% dry matter basis

²Based on 90% dry matter basis

³The maximum amount of Type C medicated component feed in a daily feeding must not exceed 17.6 lb, when zilpaterol is provided in the minimum approved concentration of 6.8 g/ton.

WARNING: The active ingredient in Zilmax[®] is zilpaterol hydrochloride, a beta₂-adrenergic agonist. Not for use in humans. An anti-dust process has been applied to the drug product, Zilmax[®], 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.

► **WITHDRAWAL PERIOD: 3 days** ◀

CAUTION: Inadequate mixing (recirculation or agitation) of monensin liquid Type B or Type C medicated feeds has resulted in increased monensin concentration, which has been fatal to cattle. 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.

Zilpaterol hydrochloride is not for use in animals intended for breeding. Do not allow horses or other equines access to feed containing zilpaterol. Do not use in veal calves.

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

Expiration Date: 8 Weeks After Manufacture

Batch (Lot or Control) No.:

NADA 141-278 Nov 19 2014