

Monensin Medicated Dairy Cattle Feed

Type B Medicated Feed

For Use in Dairy Cattle Feeds Only

IMPORTANT: MUST BE THOROUGHLY MIXED INTO FEED BEFORE USE

For Increased Milk Production Efficiency (production of marketable solids-corrected milk per unit of feed intake).

Active Drug Ingredient

Monensin, USP.....23 to 80,000 g/ton*

Guaranteed Analysis

Crude Protein, not less than.....	_____	%
Non-Protein Nitrogen (NPN) ¹ , not more than.....	_____	%
Crude Fat, not less than.....	_____	%
Crude Fiber, not more than.....	_____	%
Acid Detergent Fiber, not more than.....	_____	%
Calcium, not less than.....	_____	%
Calcium, not more than.....	_____	%
Phosphorus, not less than.....	_____	%
Salt ² , not less than.....	_____	%
Salt ² not more than.....	_____	%
Sodium ³ , not less than.....	_____	%
Sodium ³ , not more than.....	_____	%
Potassium, not less than.....	_____	%
Selenium, not less than	_____	ppm
Vitamin A ^{2,4} , not less than.....	_____	I.U./lb

¹When added.

²If added

³Shall be guaranteed only when total sodium exceeds that furnished by the maximum salt guarantee.

⁴Other 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 feed must bear a single drug concentration.

Mixing Directions for Total Mixed Rations

Thoroughly mix monensin Type B Medicated Feed into one ton of total mixed ration (complete feed) to obtain the correct concentration in the Type C Medicated Feed (11 to 22 g/ton monensin in total mixed ration, 100% dry matter basis; Table 1). Use only the portion of the table below that is applicable to the concentration of monensin in the Type C Medicated Feed (total mixed ration) you manufacture.

Table 1: Mixing Directions for Dairy Cow Total Mixed Rations (TMR)^a

Monensin concentration in Type B Feed, g/ton; as-fed basis ^b	Dry Matter of TMR, %	Desired monensin concentration		
		g/ton in TMR ^c		
		11	15	22
		lb of Type B (as-fed) needed per ton of TMR		
500	50	22.00	30.00	44.00
	60	26.40	36.00	52.80
2000	50	5.50	7.50	11.00
	60	6.60	9.00	13.20

^aAmount of Type B (as-fed basis) needed to produce the TMR with desired level of monensin as follows:
 ((Desired level of monensin in TMR, g/ton) X (% dry matter of TMR)/g/ton of monensin in Type B) X 2000

Example Diet: Desire 11 g/ton monensin in TMR (dry matter basis), TMR contains 50% dry matter, & Type B contains 500 g/ton of monensin.

Example Solution: ((11g/ton) X (0.50 dry matter of TMR)/500 g/ton monensin in Type B) X 2000 = 22 lb of Type B needed per ton of TMR

^bIt is recommended that Type B feeds containing more than 1440 g/ton be further diluted before mixing into the TMR.

^c100% dry matter basis

Mixing Directions for Component Feeding Systems (Including Top Dress)

Thoroughly mix monensin Type B Medicated Feed into one ton of component portion of the ration to obtain the correct concentration in the Type C Medicated Feed (11 to 400 g/ton monensin; Table 2). Use only the portion of the table below that is applicable to the concentration of monensin in the Type C Medicated Feed (component feed) you manufacture.

Table 2: Mixing Directions for Dairy Cows in Component Feeding Systems (Including top Dress)^a

Monensin concentration in Type B Feed, g/ton; as-fed basis ^b	Desired monensin concentration		
	g/ton in Component Feed		
	50	200	400
	lb of Type B (as-fed) needed per ton of component feed		
500	200	800	1600
2000	50	200	400
4000	25	100	200

^aAmount of Type B (as-fed basis) needed to produce the component portion of the ration with desired level of monensin is as follows:
 (Desired level of monensin in component, g/ton / g/ton of monensin in Type B) X 2000

Example Top Dress: Desire 50 g/ton monensin in component, & Type B contains 500 g/ton of monensin.

Example Solution: (50 g/ton / 500 g/ton monensin in Type B) X 2000 = 200 lb of Type B needed per ton of Top Dress

^bIt is recommended that Type B feeds containing more than 1440 g/ton be further diluted before mixing into Top Dress.

An example of further dilution would be a ratio of 1:10 of Type B Medicated Feed:unmedicated Feed..

Caution

Do not allow horses or other equines access to feeds containing monensin. Ingestion of monensin by horses has been fatal. Monensin medicated cattle and goat feeds are safe for use in cattle and goats only. Consumption by unapproved species may result in toxic reactions. Feeding undiluted or mixing errors resulting in high concentrations of Monensin has been fatal to cattle and could be fatal to goats. Must be thoroughly mixed in feeds before use. Do not feed undiluted. 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.

You May Notice the following:

- Reduced voluntary feed intake in dairy cows fed monensin. This reduction increases with higher doses of monensin fed. Rule out monensin as the cause of reduced feed intake before attributing to other causes such as illness, feed management, or the environment.
- Reduced milk fat percentage in dairy cows fed monensin. This reduction increases with higher doses of monensin fed.
- Increased incidence of cystic ovaries and metritis in dairy cows fed monensin.
- Reduced conception rates, increased services per animal, and extended days open and corresponding calving intervals in dairy cows fed monensin.

Have a comprehensive and ongoing nutritional, reproductive and herd health program in place when feeding monensin to dairy cows.

Warning

A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

Manufactured By
Blue Bird Feed Mill
Any town, USA 12345

Net Weight lb on bag or bulk