

Bovatec® 91

Type A Medicated Article

Product Description

Bovatec® (lasalocid sodium) Type A Medicated Article is an ionophore that boosts feed efficiency, increases rate of weight gain and controls coccidiosis in cattle. Bovatec 91 contains 90.7 grams (20%) of lasalocid sodium sodium activity per pound of product.

Indications for Use

- For the control of coccidiosis caused by *Eimeria bovis* and *E. zuernii* in cattle up to 800 pounds.
- For improved feed efficiency and increased rate of weight gain in growing beef steers and heifers fed in confinement for slaughter.
- For increased rate of weight gain in growing beef steers and heifers on pasture (stocker, feeder, and slaughter) and replacement beef and dairy heifers.

FDA Status

- Category 1 drug and does not require a feedmill license for manufacture of medicated feeds.
- Approved for use in combination with:
 - **Beef:** Aureomycin®; MGA®; Aureomycin + MGA; Aureo® S 700; MGA + Tylosin.*†
 - **Dairy:** Aureomycin; Aureomycin + MGA*†

Packaging

- 50-pound, multiwall paper bag with protective barrier ply.

Key Points

- Excellent coccidiosis control.
- No step-up program required.
- Supports higher dry matter intake and improved weight gain.
- Optimizes rumen function without restricting intake.
- Effective across starter and grower diets.
- No withdrawal period is required when used according to labeling.

See reverse side for complete non-combination use directions, product claims and additional information on this product.

* Tylosin = Tylan® or Tylovet®

† Combinations with Aureomycin, Aureo S 700, Tylan or Tylovet require a valid veterinary feed directive.

Beef and Dairy Information: Bovatec® 91 — Type A Medicated Article

	For further manufacturing only		
Active drug ingredient	Each pound contains 90.7 grams (20%) of lasalocid sodium in a carrier suitable for incorporation in feed.		
Mixing directions	This product should be further diluted in an intermediate blending step prior to mixing in the final feed.		
	1. Complete Type C Medicated Feed <ul style="list-style-type: none"> a. Intermediate blending: Mix 1 part of Bovatec 91 Type A Medicated Article with 17 parts of finely ground non-medicated feedstuffs to provide an intermediate preblend containing 5 grams of lasalocid per pound. b. Using the 5 g/lb intermediate preblend, the following table would apply to the manufacture of complete Type C medicated feed: 		
	Intended lasalocid sodium concentration in the complete Type C medicated feed		Add the following amounts of 5 grams per pound intermediate preblend per ton of complete Type C medicated feed mixed:
	grams/ton	mg/lb	lbs/ton
	10	5	2
	15	7.5	3
	30*	15	6
	* Maximum approved concentration for complete Type C medicated feeds for growing beef steers and heifers fed in confinement for slaughter.		
	<ul style="list-style-type: none"> c. Using the 5 g/lb intermediate preblend, the following table would apply to the manufacture of other complete Type C medicated feeds and supplements: 		
	Daily feeding rate	Desired daily lasalocid sodium intake	Add the following amounts of 5 grams per pound intermediate preblend per ton of Type C medicated feed or supplement mixed:
	lbs/head/day	mg/head/day	grams/ton
	1	60	24
		200	80
		300	120
	2	60	12
		200	40
		300	60
	3	60	8
		200	26.7
		300	40
	2. Dry Type C Medicated Feed Supplement <ul style="list-style-type: none"> a. Intermediate blending: Mix 1 part Bovatec 91 Type A Medicated Article with 3.5 parts of finely ground non-medicated feedstuffs to provide an intermediate preblend containing 20 grams of lasalocid per pound. For example, mix one 50 lb bag of Bovatec 91 Type A Medicated Article with 175 lbs of non-medicated feedstuffs. b. Using the 20 g/lb intermediate preblend, the following table would apply to the manufacture of dry Type C medicated feed supplements: 		
	Intended lasalocid sodium concentration in the Type C medicated feed supplement		Add the following amounts of 20 grams per pound intermediate preblend per ton of Type C medicated feed supplement mixed:
	grams/ton	mg/lb	lbs/ton
	400	200	20
	600	300	30
	1,000	500	50
	1,400	720	72
	1,600	800	80
	c. Thoroughly mix Type C medicated feed supplement with sufficient non-medicated feedstuffs in accordance with the feeding rates listed in the use directions below.		
	3. Type C Liquid Medicated Feed Supplement Intended for Addition to Dry Feeds <ul style="list-style-type: none"> a. Type C liquid medicated feed supplements with suspending agent(s) should be in a pH range of 4-8 and maintain physical stability for up to three months with a viscosity not less than 300 cps. b. Conventional liquid supplements should be in a pH range of 4-8. <ul style="list-style-type: none"> For liquid feeds stored in recirculating tank systems: Recirculate immediately prior to use for no 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 a turbulence at the bottom of the tank that is visible at the top. Agitate daily as described even when not used. 		

Feeding directions	Species	Dose	Indications for use
	Growing beef steers and heifers fed in confinement for slaughter	10-30 grams lasalocid sodium per ton of total ration (90% dry matter) 25-30 grams lasalocid per ton of total ration (90% dry matter)	For improved feed efficiency: Feed as the sole ration to provide 100 to 360 mg lasalocid sodium per head per day. For increased rate of weight gain and improved feed efficiency: Feed as the sole ration to provide 250 to 360 mg lasalocid sodium per head per day.
	Growing beef steers and heifers on pasture (stocker, feeder, and slaughter) and replacement beef and dairy heifers	60-300 mg lasalocid sodium per head/day 60-300 mg lasalocid sodium per head/day	For increased rate of weight gain: Feed in at least 1 pound of Type C medicated feed. Intakes of lasalocid sodium greater than 200 mg per head per day have not been shown to be more effective than 200 mg per head per day. For increased rate of weight gain: Feed on a free-choice basis. Intakes of lasalocid sodium greater than 200 mg per head per day have not been shown to be more effective than 200 mg per head per day. Type C free-choice medicated feed must be manufactured under a medicated feed mill license utilizing an FDA approved formulation. NOTE: Coccidiosis may occur when young pasture cattle are co-mingled with adult cattle passing coccidial oocysts.
	Cattle up to 800 lbs	1 mg lasalocid sodium per 2.2 lbs body weight/day	For control of coccidiosis caused by <i>Eimeria bovis</i> and <i>E. zuernii</i> . Hand feed to provide up to 360 mg lasalocid sodium per head per day.

WITHDRAWAL PERIODS AND RESIDUE WARNINGS - No withdrawal period is required when used according to labeling. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

User Safety Warnings	Not for use in humans. Keep out of reach of children. When mixing and handling lasalocid sodium Type A medicated articles, use protective clothing, impervious gloves and a dust mask. Avoid contact with eyes. Operators should wash hands thoroughly with soap and water after handling.
Animal Safety Warnings	Feeding undiluted or mixing errors may result in an excess lasalocid concentration which could be fatal to cattle and sheep. Do not allow horses or other equines access to Type A articles or Type B feeds containing lasalocid as ingestion may be fatal. Safety of lasalocid for use in unapproved species has not been established.

Store below 25°C (77°F), excursions permitted to 37°C (99°F).
Restricted Drug (California) — Use only as directed. Not for human use.
Approved by FDA under NADA # 096-298

**To learn more about Bovatec® 91
talk with a Phibro expert at**

800-677-4623 or visit www.pahc.com