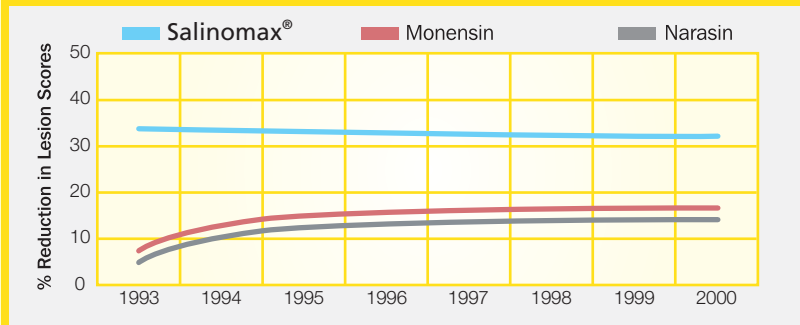


Broad-spectrum activity makes Salinomax® a better fit against coccidiosis.

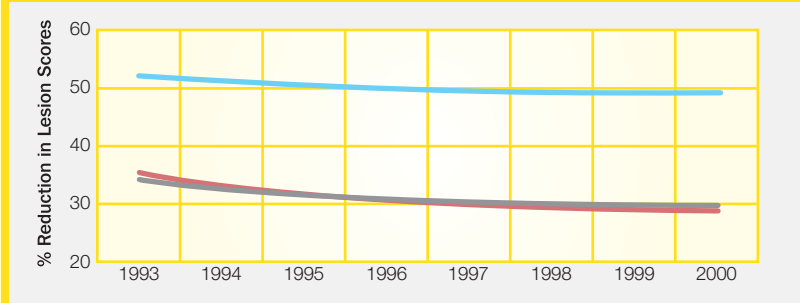
In comparison to other monovalent polyether ionophores, studies show that Salinomax® reduces the percentage of lesion scores caused by major species of *Eimeria*.

(All data by Schildknecht, Rakebrand & Jensen; USA 1993-1999)

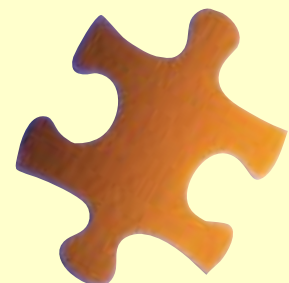
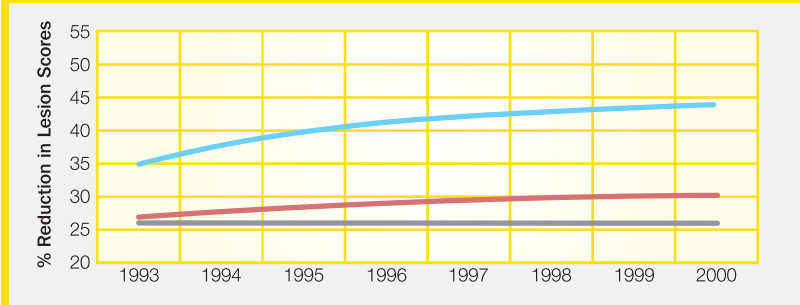
Comparative Anticoccidial Activity against *Eimeria tenella* Lesion Scores (1993 through 2000)

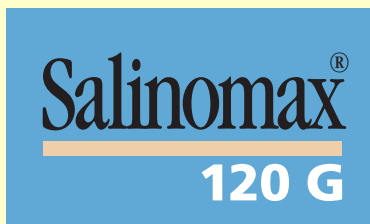


Comparative Anticoccidial Activity against *Eimeria acervulina* Lesion Scores (1993 through 2000)



Comparative Anticoccidial Activity against *Eimeria maxima* Lesion Scores (1993 through 2000)





Reliable control for coccidiosis.



- Highly effective monovalent ionophore anticoccidial controlling all *Eimeria* species in poultry
- Year round coccidiosis protection
- Unique, totally granular formulation
- More uniform dispersion throughout feed
- Consistent target concentration of salinomycin in feed
- Dust minimized
- Bird feed intake/water consumption unaffected
- Resistance minimized
- Excellent stability
- Wide margin of safety

Alpharma Animal Health is a partner in your anticoccidial program needs.

Alpharma is the only company to offer anticoccidial compounds in all four categories:

Polyether Ionophore Anticoccidials			Chemical Anticoccidials
Monovalent	Monovalent Glycoside	Divalent	Chemical
Salinomax®			
	Cygro*		
		Avatec*	
			Cycostat*

Alpharma offers a complete product line to fit any anticoccidial program for broilers. Within its wide product range, Alpharma provides technical assistance in developing the anticoccidial control program that best fits your broilers production needs.

For more information, please consult your local Alpharma Animal Health representative.



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Salinomax[®]
120 G

**Reliable control
for coccidiosis**



Effective, flexible broad-spectrum anticoccidial.

Salinomax[®] is a reliable, BSA approved anticoccidial, in a unique granular formulation, which contains 12% (120 grams) of salinomycin per kilogram of product. It is effective in preventing and controlling coccidiosis in broilers caused by *Eimeria tenella*, *E. necatrix*, *E. acervulina*, *E. maxima*, *E. brunetti*, and *E. mivati*.

Significant intestinal mucosal damage caused by coccidia challenge allows for the proliferation of harmful bacteria such as *Salmonella typhimurium*, *E. coli* and *Clostridium perfringens*. The last, is a significant pathogen in the occurrence of necrotic enteritis in broilers causing weight loss and poor feed conversions. Coccidial infections can cause sufficient damage to the intestinal mucosal providing a starting point for colonization with *C. perfringens* and exertion of the harmful effects of its toxins. Salinomax[®] kills the sporozoite prior to invasion and subsequent destruction of the intestinal epithelium thus, minimizing the incidence of secondary gut infections and its negative effects on nutrient absorption.

Product of choice.

Broad-spectrum activity of Salinomax[®] against the economically important species of *Eimeria* such as *E. maxima*, *E. acervulina*, and *E. tenella* makes Salinomax[®] the product of choice. According to data collected by Agri Stats in the USA for the years 1995 to 1999, the most popular program involves the use of an ionophore, principally salinomycin, in starter and grower feeds.

Salinomax[®] allows some oocysts to survive in the gut. This exposure to early low levels of oocysts helps stimulate a natural immune response.

Research has shown higher live-weight gain and improved feed conversion when broilers are fed diets with Salinomax[®].

Salinomax [®] versus Competition S		US Mixed Isolates	
Treatment	Dosage (ppm)	Weight Gain, %	Feed Conversion
Salinomax [®]	66	104	1,84
Competition S	66	100	1,90

USDA, 1997; Mixed isolates included *E. maxima*, *E. tenella*, *E. acervulina*; challenged during days 21-27.

Salinomax [®] versus Competition S		European Mixed Isolates	
Treatment	Dosage (ppm)	Weight Gain, %	Feed Conversion
Salinomax [®]	60	106	1,78
Competition S	60	100	1,85

E. Piron, 1998; Mixed isolates included *E. maxima*, *E. tenella*, and *E. acervulina*.



Unique granular form — disperses more uniformly than competitors.

Salinomax[®] is a unique, highly flowable granular salinomycin premix. It is produced using technologically advanced processes which insures that *every granule of product contains salinomycin*. Salinomax[®] offers you:

- Low dust ratio
- More consistent potency
- Uniform distribution throughout the feed



Particles of Salinomax[®] (Enlargement 30X)

High Shear Granulation (HSG) Provides assured concentration of salinomycin.

Salinomax[®] is produced using a unique process called “High Shear Granulation” (HSG). Salinomycin is compressed with binding substances such as gypsum and lignosulfonate into compact hard granules. The particle size of the resulting product is optimized for low dust and uniform mixing.

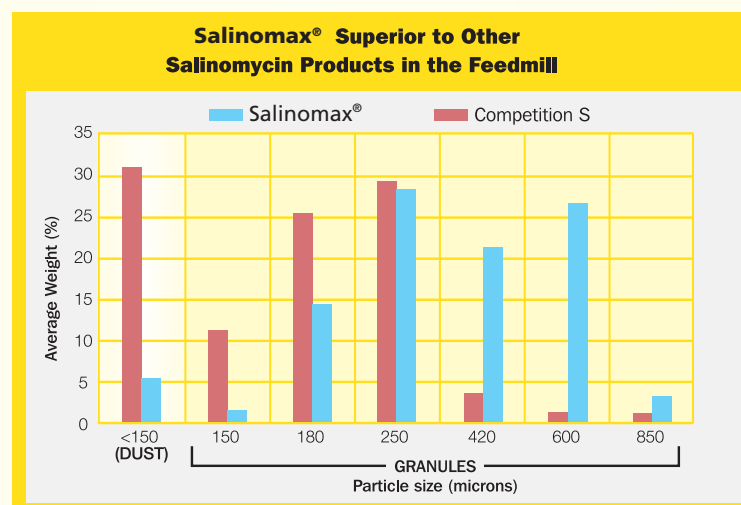
- Assuring salinomycin activity in every granule
- Disperses more uniformly throughout the feed compared to competitors
- Achieves consistent target concentration of salinomycin in the feed
- Optimum product purity
- More uniform particle size

Stable in all premixes and feeds.

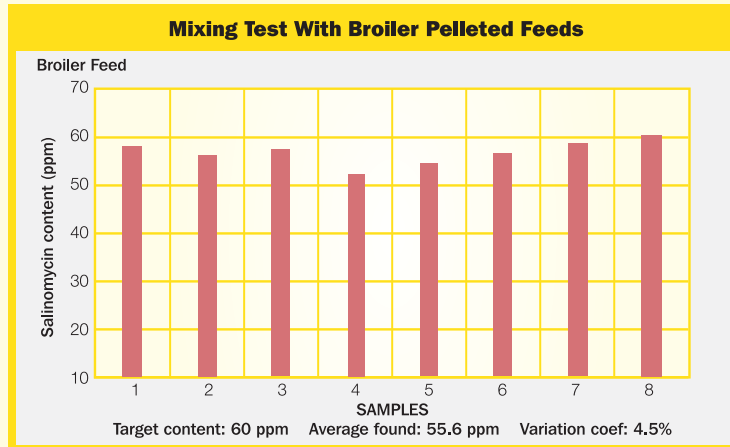
Stability studies demonstrate that Salinomax[®] is very stable under all commercial processing and storage conditions, both as a premix and in compound feeds.

Superior granular formulation.

Every granule of Salinomax[®] contains salinomycin that is embedded within the anorganic GMO free carrier firstly protecting more the active ingredient for external aggression and helping to reduce the risk for carry-over. Other salinomycin products consist of separate salinomycin and carrier particles. Compared to competitive products that are much more likely to separate in the feed, Salinomax[®] disperses much more uniformly throughout the feed. The granular form of Salinomax[®] helps to improve flowability of the premix.

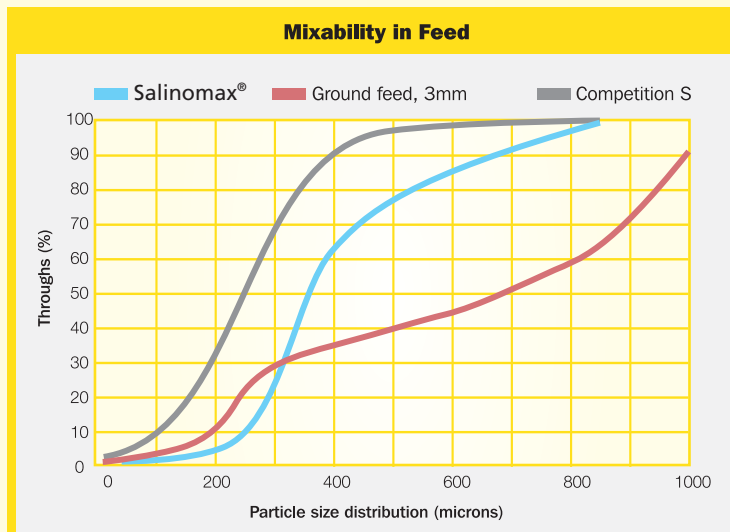


Mixing test with pelleted broiler feeds.



Mixability in feed.

The particle size of Salinomax[®] has been intentionally chosen to match and mix well with typical mash feedstuffs. It promotes low dust, a better flow and an even distribution of salinomycin in the feed.



Carry-over risks minimized.

With less dust and fines, risk of drug carry-over at the feedmill is minimized. Subsequent batches of feed mixed showed no detectable salinomycin.

