



 **Sacox**[®]
salinomycin sodium



World's most widely used ionophore

Sacox® 120 microGranulate has been used in billions of chickens to protect them from coccidiosis and to guarantee optimal performance. For all these years no adverse effects on either feed intake or feathering have been observed, regardless of the season and temperature.

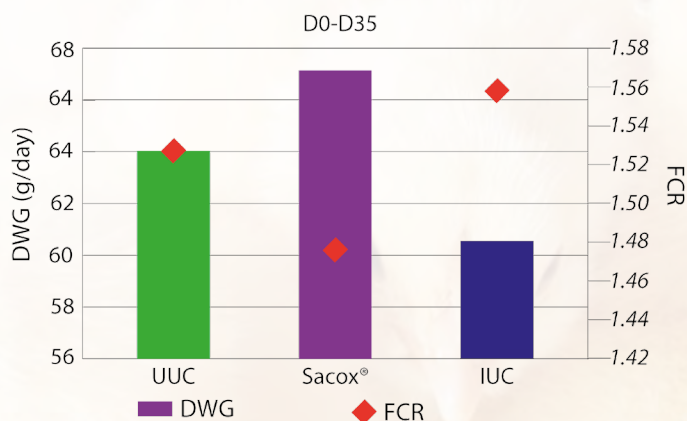
Sacox® 120 microGranulate is a coccidiostat for the prophylactic control of all coccidial species affecting chickens: *E. acervulina*, *E. maxima*, *E. tenella*, *E. necatrix*, *E. brunetti*, *E. mitis* and *E. praecox*

MODE OF ACTION

Salinomycin forms complexes with cations present in the gut lumen and transports them through the cell membrane. This causes a disturbance in the parasite's intracellular ion concentration which eventually results in the destruction of the parasite.

Salinomycin sodium has a coccidiocidal effect on the sporozoites and the merozoites (asexual stage) and also impairs the subsequent development of schizonts. As a result, there is minimal minimal damage to the intestinal cells.

PERFORMANCE TRIAL



Result

The average daily gain (ADG) of the group receiving Sacox®120 microGranulate was 11% higher compared to the IUC group. The feed conversion ratio (FCR) improved with 5% (compared with the IUC).

A challenge study was performed to determine the efficacy of Sacox®120 microGranulate in preventing coccidiosis in broilers under floor-pen conditions using a recent Western European coccidiosis field strain.

3 groups were evaluated

1. Uninfected Untreated Control group (UUC)
2. Infected treated with Sacox 120 microGranulate group (Sacox®)
3. Infected Untreated Control group (IUC)

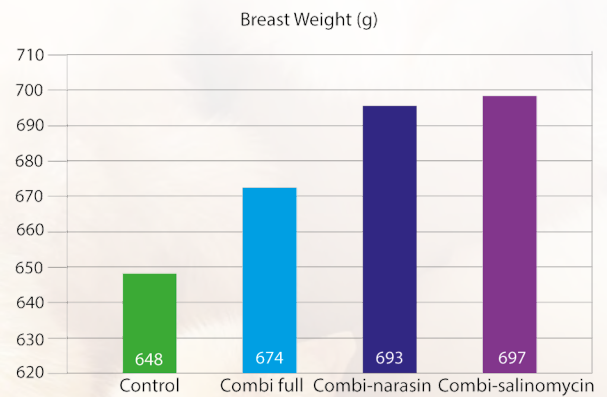
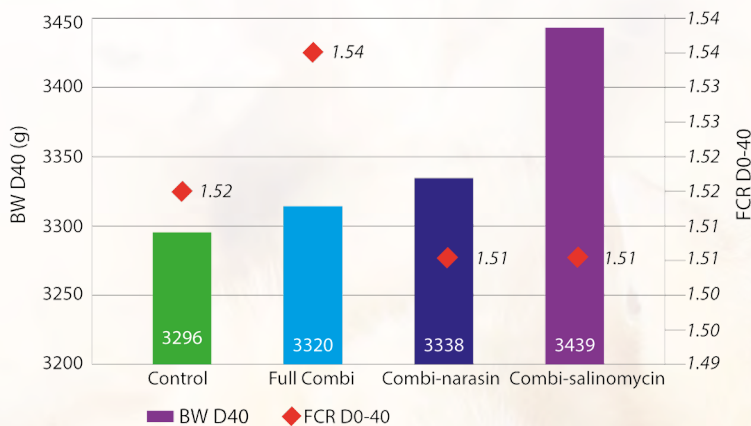
FORMULATION

Sacox® 120 microGranulate is a microgranulated feed additive, containing 120g salinomycin sodium per kg. A unique microgranulation process inseparably combines both the active substance and the carrier. This results in uniform microgranulated particles with flow characteristics and virtually no dust development. Sacox® 120 microGranulate can be homogenously mixed in commercial premix and feed, ensuring an even dose to all birds for more consistent protection from coccidiosis.

PERFORMANCE AND CARCASS QUALITY

A floor pen trial has been performed (August 2017) to evaluate the effect of different anticoccidial programs on zoo-technical parameters and carcass quality. In the table below you can find the different treatment groups that were used at different feeding stages. The birds were exposed to natural coccidiosis pressure as of day 1 resulting in low lesion scores (average of 0.8 TMLS)

Group	starter feed D0 - D22	grower feed D22 - D32	finisher feed D32 - D40
Control	-	-	-
Full combi	nicarbazin/narasin	nicarbazin/narasin	nicarbazin/narasin
Shuttle combi - narasin	nicarbazin/narasin	narasin	narasin
Shuttle combi - salinomycin	nicarbazin/narasin	salinomycin	salinomycin



Result

From this trial it can be concluded that the shuttle program combi - salinomycin is outperforming both other treatment groups on all measured parameters. These results are showing that using salinomycin until the end of the flock will bring you the best result both zoo-technical and on carcass quality.

BENEFITS

- **0 days withdrawal time for your convenience**
- Best option in shuttle program (ref. Huvepharma internal data)
- Works well in all seasons
- Microgranulated product



DOSAGE

Target species	Minimum and maximum content of salinomycin sodium in complete feedingstuff (ppm)	Quantity of Sacox® 120 microGranulate incorporated into the feedingstuff (g/ton)	Maximum age	Withdrawal period
Chickens for fattening	50 – 70	417 – 583	-	0 days
Chickens reared for laying	50	417	12 weeks	

WARNINGS

- For use in target species only
- Not to be used in breeding birds and turkeys
- Equines should be kept away from feed containing salinomycin sodium
- Poultry should not be treated with tiamulin for at least seven days before or after receiving feed containing Sacox® 120 microGranulate.
- Avoid contact of the product with the skin, protect eyes and mucous membranes and wear protective clothing

PACKAGING

Sacox® 120 microGranulate is sold in lined bags. It should be stored in a cool and dry place.

