

MONICOX®

(Monensin sodium 8% + Nicarbazine 8%)

MONICOX®

Monicox® is composed of two active ingredients - Nicarbazine and Monensin. Monicox® is intended to be used as coccidiostat, effective against most of the *Eimeria spp.* in chicken. It also improves weight gain rate and feed conversion efficiency.

COMPOSITION

Each 1 kg of Monicox® contains:

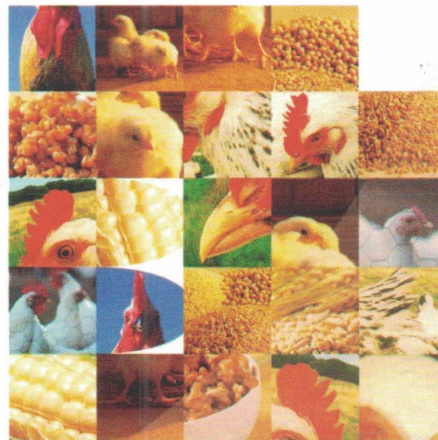
Monensin sodium - 80gm/kg

Nicarbazine - 80gm/kg

Monicox® is available as homogenous granules.

EFFICACY

- Monicox® is most effective in early life cycle of coccidia. Early control of coccidia prevents damage to the intestinal epithelial cells.
- Monicox® protects the intestinal lining from damage by coccidia, thus reduces the risk of infection by pathogen such as *Clostridium perfringens* and *E. coli*.
- Monensin is a polyether ionophore that exhibits both antimicrobial and anticoccidial properties.



European Pharmacopoeia Quality

- Monensin plays a role in asexual reproduction of coccidia, killing sporozoite, trophozoites and the first generation schizonts. It disrupts membranes active transport capacity of coccidia, making coccidia lacking in energy, resulting in death.
- Nicarbazin kills the second-generation schizonts and trophozoites, reducing intestinal cell damage. The two ingredients have different pharmacological effect and they show great degree of synergy in terms of efficacy against most of *Eimeria* spp.

EFFICACY TRIALS

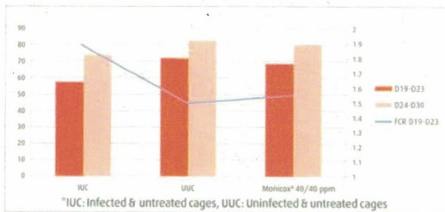
Battery-cage, floor-pen field trials were carried out in commercial broilers.

FACTBOX

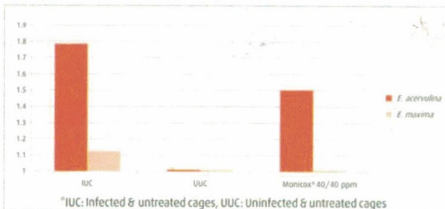
- The efficacy of Monicox® in controlling coccidiosis in broilers after an artificial infection was investigated at the combined dosage of 40/40 ppm.
- For the trial a mixed field coccidiosis isolate was derived from recent outbreaks.
- Birds were challenged at the age of 18 days.

RESULTS

1. Monicox® at concentration of 40/40 ppm significantly decreased the impact of the coccidiosis challenge on daily weight gain and feed conversion ratio.



2. Lesions caused by the *Eimeria* spp in the inoculums were decreased by Monicox®.



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INDICATION

- For prevention of coccidiosis in broiler chicken and chicken reared for replacement of laying hens (upto 16 weeks of age), caused by *Eimeria tenella*, *E. acervulina*, *E. mivati*, *E. brunetti*, *E. maxima*, *E. necatrix*.
- For prevention of coccidiosis in turkeys (upto 16 weeks of age) caused by *Eimeria adenoides*, *E. maleagrimitis* and *E. gallopavonis*.
- For increased weight gain rate and improvement of feed conversion ratio.
- Extremely effective in shuttle program in early life, followed by preferably.

MIXING INTERACTIONS

Monicox® should be carefully mixed with the mineral supplement or other feed ingredients prior to feed manufacture to ensure even distribution in the final feed. It is not compatible with Tiamulin.

Do not feed to chicken producing eggs for human use.

DOSAGE

For prevention of coccidiosis in poultry: Mix 500-600 gm Monicox® per ton in complete feeding stuff to provide 40-50 ppm activity of Monensin/Nicarbazin each.

WITHDRAWAL PERIOD

Chicken and turkeys: 1 day prior to slaughter.

STORAGE

The product should be stored in the original package in a closed, dry and well-ventilated area, protected from direct sunlight and at room temperature.

PACKAGING

Monicox® is available in 25 kg bags.