

IMPROVED PROFITABILITY FOR POULTRY PRODUCERS

YUMAMYCIN® 1%, 5% PREMIX (maduramicin ammonium)

YUMAMYCIN is a premix containing 10 g and 50 g maduramicin ammonium activity per kg in a carrier suitable for feed supplementing. It is available as powder or granules.

EFFECTIVE BROAD-SPECTRUM CONTROL OF COCCIDIOSIS

- ❖ Yumamycin exhibits broad-spectrum activity against coccidiosis caused by the most frequently occurring *Eimeria* species in chickens: *E. tenella*, *E. acervulina*, *E. necatrix*, *E. maxima*, *E. mivati*, *E. brunetti*, and in turkeys: *E. adenoides* and *E. meleagrimitis*, *E. gallopavonis*.
- ❖ Study results reveal that the preparation is effective against the early stages of the parasite's life cycle (sporozoites, trophozoites and first generation of schizonts). The decrease in *Eimeria* populations in chickens and turkeys occurs by killing the parasites, unlike other coccidiostats which only inhibit their development.
- ❖ The product's unique mechanism of action reduces to a minimum the emergence of cross-resistance with other monovalent or bivalent ionophores. Trials have demonstrated that Yumamycin is efficacious against *Eimeria* strains resistant to monensin, narasin and salinomycin.
- ❖ The effective dose is moderately low.
- ❖ It enables poultry producers to control coccidiosis and to enhance bird performance.
- ❖ Yumamycin is highly effective against the most damaging *Eimeria* - *E. tenella*.
- ❖ By protecting the intestinal lining from damage by coccidia, it reduces the risk of secondary infection by pathogens, such as *Clostridium perfringens*.



YUMAMYCIN HAS A PROVEN ANTICOCCIDIAL EFFICACY AND CONSEQUENT PRODUCTIVITY ENHANCING EFFECTS IN POULTRY



SAFE

- ❖ Yumamycin is extremely safe in target species.
- ❖ Yumamycin can be applied all year-round.
- ❖ It does not affect the feed and water intake, nor does it increase moisture in the urine and fecal discharge.
- ❖ The product can be added to finisher feed because of its short withdrawal period.
- ❖ The product does not affect the slaughter yield, the pigmentation of skin, legs and fat, the chemical composition and the meat taste.
- ❖ It remains stable during processing (e.g. pelleting) and storage both as a premix and in compound feeds.
- ❖ Yumamycin is compatible with most other feed additives.

COST-EFFECTIVE

- ❖ It increases weight gain and stimulates feed conversion efficiency in chickens.
- ❖ It is successfully included in rotation and shuttle programs against coccidiosis in chickens and turkey poults.
- ❖ It helps producers save on feed costs and medication costs thus increasing the potential profit per animal.

EFFICACY

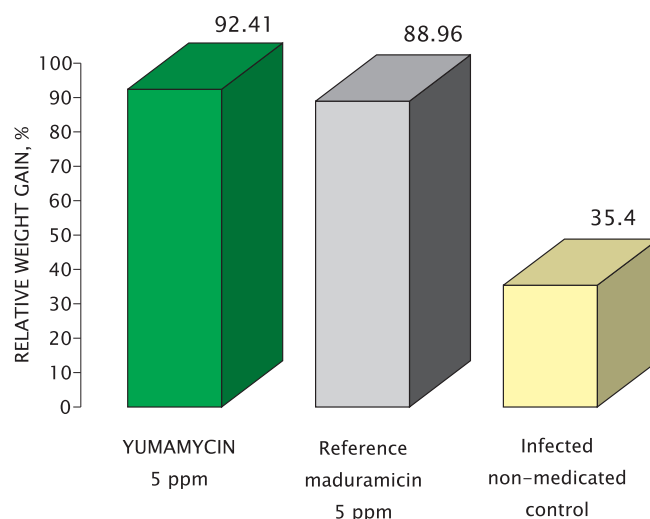
Yumamycin's efficacy has been evaluated in the conditions of battery trial involving chickens experimentally infected with *E. tenella*, in floor-pen raised chickens infected with mixed *E. tenella*, *E. acervulina*, *E. necatrix* and *E. mivati* infection and in field trials.

EFFICACY OF YUMAMYCIN IN THE CONDITIONS OF INDUCED COCCIDIAL INFECTION IN BROILER CHICKENS

Treatment	Yumamycin 5 ppm	Reference maduramicin 5 ppm	Infected non-medicated control
Concentration in feed ppm	5	5	-
Mortality %	0	0	60
Relative weight gain %	92.41	88.96	35.4
Mean lesion score	2	4	38.55
Mean oocyst count	1	10.5	10.5
Anticoccidial index	189.41	179.48	31.35

Yumamycin is packaged in 25 kg multi-layer, flat-bottom bags.

RELATIVE WEIGHT GAIN, COMPARISON TRIAL



Please refer to the product label for instructions for use, including dosage, mixing, handling, safety precautions and storage. Product status and use may differ under local country regulations.