

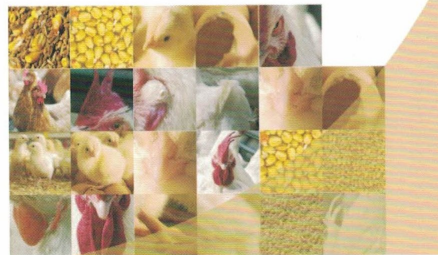
## IMPROVED PROFITABILITY FOR POULTRY PRODUCERS

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

YUMAMYCIN is a premix containing 10g and 50g maduramicin ammonium activity per kg in a carrier suitable for feed supplementing. It is available in granular form.

### 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 yields, 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 chicken and turkey poults
- ❖ It helps producers save on feed costs and medication costs thus increasing the potential profit per animal

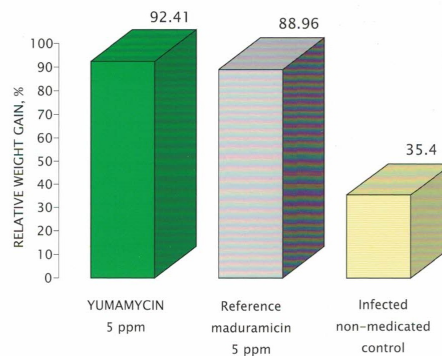
### EFFICACY

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*, *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	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

### RELATIVE WEIGHT GAIN, COMPARISON TRIAL



### DOSAGE

- ❖ Yumamycin 1% - Use 500 grams per metric ton of finished feed or as recommended by nutritionist
- ❖ Yumamycin 5% - Use 100 grams per metric ton of finished feed or as recommended by nutritionist

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