

# YH MONENSIN 20% W/W GRANULE

**ACTIVE CONSTITUENT:** Monensin 200mg/g (as Monensin Sodium)

**PRODUCT DESCRIPTION:** Grey or taupe granule

**ROUTE OF ADMINISTRATION:** Oral administration.

## INDICATIONS:

YH Monensin 20% W/W Granule is used as an aid in the prevention of coccidiosis caused by *Eimeria acervulina*, *E. brunetti*, *E. maxima*, *E. mivati*, *E. necatrix*, *E. tenella* in poultry (broilers and replacement layers).

## RECOMMENDED DOSE:

Poultry (Broilers and replacement layers): Aid in prevention of coccidiosis: Monensin 100-120 mg/kg (ppm\*) in ration (equivalent to 0.5-0.6kg YH Monensin 20% W/W Granule / tonne of final feed).

\*1 ppm (part per million) = 1 mg/kg

**PHARMACODYNAMICS:** Monensin exhibits both antimicrobial and anticoccidial activity. It acts via complexation of monovalent cations. Its lipophilic structure facilitates transport of cations through biological membranes altering normal concentration gradients. Monensin is mainly active against Gram-positive bacteria.

**PHARMACOKINETIC:** Monensin is readily adsorbed and extensively metabolized, mainly in liver, followed by biliary excretion and elimination in the faeces. Monensin metabolites result mainly from O-demethylation at the methoxylic group and /or hydroxylation at several places on the ionophore backbone.

## INSTRUCTIONS FOR USE:

For oral administration in feed. The required amount of YH Monensin 20% W/W Granule must be thoroughly mixed in feed before use according to the instructions. To ensure homogeneity, thoroughly mix YH Monensin 20% W/W Granule into an intermediate premix (eg: 25kg) and add the intermediate into the finished feed. Do not feed the recommended daily dosage of Monensin in less than 1.0kg of supplement. If supplement to be used at rates different than 1.0 kg/animal/day, the quantity of YH Monensin 20% W/W Granule should be adjusted to the formula as follows.

Note: Do not feed a supplement containing more than 360mg monensin/kg supplement.

$$\frac{\text{Amount of monensin (mg/animal/day)}}{\text{Amount of feed (kg/animal/day)}} \times \frac{1}{200} = \text{Amount of YH Monensin 20\% W/W Granule to add to each tonne of feed}$$

**WARNINGS AND PRECAUTIONS:** The recommended level of YH Monensin 20% W/W Granule must not be exceeded. Responses to YH Monensin 20% W/W Granule is unlikely if nutrient intake is severely restricted. Poisonous if swallowed. Will irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. Do not inhale dust. When opening the container and mixing into feed wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves, goggles and half facepiece respirator with dust cartridge or canister. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles, respirator and if rubber wash with detergent and warm water, and contaminated clothing.

**INTERACTION WITH OTHER MEDICINAL PRODUCT:** Tiamulin should not be administered in poultry when YH Monensin 20% W/W Granule is being fed in the ration - severe growth depression or death may occur.

**PREGNANCY AND LACTATION:** Do not use in goats producing milk for human consumption. Do not use in chicken production eggs for human consumption.

**OVERDOSE AND TREATMENT:** High levels may cause decreased feed intake, poor growth, diarrhoea and death.

**STORAGE CONDITION:** Store below 30°C (Room temperature) in a dry place. Protect from light and moisture. Keep container tightly closed.

**CONTRAINDICATION:** YH Monensin 20% W/W Granule is contraindicated for use in horses, other equines and dogs. Ingestion in these species may be fatal.

**SIDE EFFECTS:** None under correct use of the product.

**WITHDRAWAL PERIOD:** Poultry: Meat: Nil; Eggs: Do not use in birds producing eggs for human consumption

**SHELF LIFE AFTER FIRST OPENING OF CONTAINER:** 7 days at not above 30°C.

**SHELF LIFE AFTER RECONSTITUTION OR DILUTION:** 3 months at not above 30°C.

**CONTROLLED MEDICINE/ "UBAT TERKAWAL"**

**FOR ANIMAL USE ONLY**

**KEEP OUT OF REACH OF CHILDREN/ "JAUHI UBAT DARI KANAK-KANAK"**

**DATE OF REVISION:** December 2023

**SHELF LIFE:** 2 years

**PACKAGING:** 25kg/bag.

**PRODUCT REGISTRATION NUMBER:**

## MANUFACTURED BY:

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## PRODUCT REGISTRATION HOLDER:

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