

YH-QILU Monensin 20% W/W Granule

CONTROLLED MEDICINE/ UBAT TERKAWAL
FOR ANIMAL USE ONLY
KEEP OUT OF REACH OF CHILDREN / “JAUHI UBAT DARI KANAK-KANAK”

ACTIVE CONSTITUENT: Monensin sodium **PRODUCT DESCRIPTION:** Tawny granule

ROUTE OF ADMINISTRATION: Oral administration

STRENGTH OF THE ACTIVE SUBSTANCE: Monensin Sodium 206.567 mg/g (as 200mg/g of Monensin)

INDICATIONS AND INSTRUCTIONS FOR USE:

Premix for use in broiler chicken and growing turkeys

1. As an aid in the prevention of coccidiosis caused by *Eimeria necatrix*, *E. tenella*, *E. acervulina*, *E. brunetti*, *E. mitis*, and *E. maxima* in broiler chickens.
2. As an aid in the prevention of coccidiosis in growing turkeys caused by *E. adenoides*, *E. meleagrimitis*, and *E. gallopavonis*.

Important: Must be thoroughly mixed in feeds before use.

Mixing directions:

Thoroughly mix 500 g (0.5 kg) of YH-QILU Monensin 20% W/W Granule in 1 tonne (1,000 kg) of feed to provide monensin at 100 g monensin activity per tonne of feed.

To ensure adequate mixing, an intermediate blending step may be performed prior to manufacturing a complete feed.

Feeding Directions:

Feed continuously as the sole ration to broiler chickens.

Feed continuously as the sole ration to growing turkeys.

PHARMACODYNAMICS:

The coccidiocidal activity of monensin is mainly directed against free merozoites and first and second generation schizonts. Like all other polyene antibiotics, monensin acts as an ionophore and with this property mediates the influx of cations into the cell. Monensin preferentially transports sodium ions (Na⁺) into the cell in exchange for protons (H⁺). This leads to a breakdown of the natural transmembrane ion gradient, a pH shift and water entry into the cell. The associated increase in pressure causes destruction of intracellular structures and thus cell death. Monensin is effective against all coccidia and against the sporozoites of most Eimeria species.

PHARMACOKINETICS:

Due to its good fat solubility, the active substance passes through the intestinal epithelium without any problems and gets into the blood and tissue. Monensin does not accumulate in poultry tissue, even after administration of high toxic doses.

Most monensin is eliminated via the faeces within a day. After 24 h, there are no longer detectable amounts in any of the tissues. In poultry, the rapid elimination can be explained by the weak alkalinity and the acidic urine. In calves, 80% of the numerous metabolites (over 50) are eliminated in the bile.

WARNINGS AND PRECAUTIONS:

Cautions:

1. May be used in feeds containing the pellet-binding agents, Bentonite (2%), Attapulgit (2%), Kaolin (2.5%), Lignin Sulfonate (4%), Carboxymethylcellulose (0.1%) or Agri-Colloid.
2. Not allow canines, horses, other equines, or guinea fowl access to formulations containing monensin. Ingestion of monensin by these species has been fatal.
3. Some species of turkey coccidia may be monensin tolerant.
4. Not to be used after expiration date.

Warnings:

1. No withdrawal period is required when treated according to the label.
2. When mixing and handling YH-QILU Monensin 20% W/W Granule, avoid inhalation, oral exposure and direct contact with skin or eyes. Use protective clothing, impervious gloves and dust mask. Operators should wash thoroughly with soap and water after handling.
3. Keep out of reach of children.

INTERACTION WITH OTHER MEDICAMENTS:

This premix contains monensin: avoid simultaneous administration with tiamulin and monitor for possible adverse reactions when used concurrently with other medicinal substances. Avoid simultaneous administration of monensin and sulphonamides to turkeys as instances of possible intoxication have been reported. Animals including birds should not be treated with products containing tiamulin while receiving, or for at least 7 days before or after receiving, feed containing monensin. Severe growth depression or death may occur.

PREGNANCY AND LACTATION: Do not feed to replacement and laying chickens and turkeys.

SYMPTOMS AND TREATMENT OF OVERDOSE: None known.

STORAGE CONDITION: Store in a cool dry place. Store do not above 30°C.

CONTRAINDICATION:

Do not use this mixture for treatment of outbreaks of coccidiosis.

SIDE EFFECTS: None known.

DISPOSAL: Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

WITHDRAWAL PERIOD: No withdrawal period is required when treated according to the label.

SHELF LIFE AFTER RECONSTITUTION OR DILUTION: 28 days at not above 30°C.

SHELF LIFE AFTER FIRST OPENING OF CONTAINER: 60 days at not above 30°C.

SHELF LIFE: 24 months

PACKAGING: 25kg/bag.

DATE OF REVISION: January 2024

MANUFACTURED BY:

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MARKETING AUTHORISATION HOLDER:

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