Monotec 100 microGranulate Premix

Contains monensin, the most efficient rumen modifier available for NZ dairy herds

Description

Monensin (as monensin sodium) 100g/kg microgranulate premix

Features

- Proven and highly effective ionophore
- Superior microGranulate form of premix, suitable for inclusion into cattle feed where adequate mixing is available
- Produced by leading manufacturer Huvepharma
- Extensive research validating NZ label claims:
    - prevention and control of coccidiosis
    - reduced bloat
    - aids in the control of ketosis
    - increased milk protein production in dairy cows

Benefits

- Prevents and controls coccidiosis in poultry, cattle, sheep and goats
- Reduced dust in premix and feedmilling, and improved uniformity throughout feed
- Highest quality European product
- The most effective rumen modifier for NZ dairy cattle
- Excellent return on investment

Action

Monensin is a coccidiostat that assists in the prevention and control of coccidiosis in poultry and ruminants.

Monensin is a monovalent ionophore that increases milk protein production in cows by increasing the ratio of propionate to acetate and butyrate produced by the rumen microflora.

Indications

Dairy Cattle: Increases milk protein production, aids in the control of ketosis, aids in the reduction of bloat, helps prevent and control coccidiosis caused by *Eimeria bovis* and *E.zuernii*
Beef Cattle: Aids in the control coccidiosis caused by *E. bovis* and *E. zuernii*, aid in the reduction of bloat
Replacement Heifers: Aids in the prevention and control of coccidiosis caused by *E. bovis* and *E. zuernii*.
Sheep: Aids in the control of coccidiosis caused by *E. ninakohlyakimovae, E. ahsata, E.faurei, E. parva, E. intricata* and *E. pallida.*
Goats: Aids in the control of coccidiosis caused by E. arloingi.
Broiler and Replacement Layer Chickens: Aids in the prevention of coccidiosis caused by *E. acervulina, E. brunetti, E. maxima, E. mivati, E. necatrix* and *E. tenella.*
Growing Turkeys: Aids in the prevention of coccidiosis caused by *E. adenoides, E.gallopavonis* and *E. meleagrimitis.*

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Dosage

Mix thoroughly in feed before use. Convert all rations, including dry feeds, silage and wet feeds, to a 90% dry matter basis before calculating the rate of addition of the premix.

Dairy Cattle:
Supplements: Mix thoroughly into the supplement to provide 300mg monensin/animal/day when the supplement is fed at its recommended rate, or 3g of premix/animal/day. Mix into not less than 0.5kg feed.

Supplement (kg/head/day)	Premix addition rate (kg/tonne)
1	3
2.0	1.5
3.0	1

Calves:
Supplements: Mix thoroughly into the supplement at a rate of 1kg premix/tonne of feed. This is equivalent to 100ppm (mg/kg) monensin in the supplement, or 1g of premix/animal/day when supplement is fed at 1kg/calf/day.

Beef Cattle, Replacement Heifers:
Supplements: Mix thoroughly into the supplement to provide 200mg monensin/animal/day when the supplement is fed at its recommended rate. This is equivalent to 2g premix/animal/day.

Supplement (kg/head/day)	Premix addition rate (kg/tonne)
0.5	4
1.0	2
2.0	1

Feedlot Cattle:
Complete Feeds: Mix thoroughly into the ration at a rate of 0.10-0.33kg premix/tonne of final feed. This is equivalent to 10-33ppm (mg/kg) monensin in the final feed.
Supplements: Mix thoroughly into the supplement to provide 50-360mgmonensin/animal/day when the supplement is fed at its recommended rate. This is equivalent to providing 0.5-3.6g premix/animal/day.

Sheep and Goats:
Complete Feeds: Mix thoroughly into the ration at a rate of 0.05-0.2kg premix/tonne of final feed. This is equivalent to 5-20ppm (mg/kg) monensin in the final feed.
Supplements: Mix thoroughly into the supplement to provide 7.5-40mgmonensin/animal/day when the supplement is fed at its recommended rate. This is equivalent to providing 0.075-0.4g premix/animal/day.

Example: To provide a monensin intake of 30mg/head/day.

Supplement (kg/head/day)	Premix addition rate (kg/tonne)
0.1	3
0.2	1.5
0.3	1

Broiler and Replacement Layer Chickens: Mix 1.0-1.2kg of premix thoroughly into feed. This is equivalent to 100-120g monensin/tonne of complete feed. Feed continuously as the only ration. May be fed up to the point of laying.
Growing Turkeys: Mix 0.6-1.0kg of premix thoroughly into feed. This is equivalent to 60-100g monensin/tonne of complete feed. Feed continuously as the only ration until 16 weeks of age.

Withholding Times

Cattle: Meat: Nil Milk: Nil

Sheep and Goats: Meat: Nil Milk: Milk intended for human consumption must be discarded during treatment, and for not less than **35 days** following the last treatment.

Poultry: Meat – Nil. Eggs from treated birds must not be sold for human consumption for **10 days** following the last treatment.

Contraindications

Poultry or cattle consuming monensin should not be treated with products containing erythromycin, tiamulin or oleandomycin as these may cause severe growth depression.

Special Precautions

Avoid skin and eye contact. When mixing wear impervious gloves. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face before meals and after work.
Do not allow use on horses or dogs as fatal toxicosis may result.

Pack Sizes

Available in 25kg packs

Other Information

Store below 25°C. Protect from direct sunlight. Store in its original container in a dry, well-ventilated area.

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