

**KEEP OUT OF REACH OF CHILDREN
FOR ANIMAL TREATMENT ONLY**

Monotec[®] 100

microGranulate Premix

ACTIVE INGREDIENT:

Contains monensin sodium, equivalent to 100 g/kg MONENSIN activity

NET CONTENTS: 25kg

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT

INDICATIONS:

Dairy Cattle: For increased milk protein production.

As an aid in the control of ketosis. As an aid in the prevention and control of coccidiosis caused by *Eimeria bovis* and *Eimeria zuernii*. As an aid in the reduction of bloat.

Beef Cattle: For improved feed efficiency and/or rate of weight gain. As an aid in the prevention and control of coccidiosis caused by *Eimeria bovis* and *Eimeria zuernii*. As an aid in the reduction of bloat.

Beef Cows: For improved feed efficiency as indicated by improvement in the relationship of feed to cow weight, calf weight and reproductive performance.

Replacement Heifers:

For increased rate of weight gain and to promote earlier onset of first oestrous. As an aid in the prevention and control of coccidiosis caused by *Eimeria bovis* and *Eimeria zuernii*.

Sheep: As an aid in the control of coccidiosis caused by *Eimeria ninakohlyakimovae*, *E. ahsata*, *E. faurei*, *E. parva*, *E. intricata* and *E. pallida*.

Goats: As an aid in the control of coccidiosis caused by *Eimeria arloingi*.

Broiler Chickens and Layer Replacement Chickens:

As an aid in the prevention of coccidiosis caused by *Eimeria acervulina*, *E. brunetti*, *E. maxima*, *E. mivati*, *E. necatrix* and *E. tenella*.

Growing Turkeys:

As an aid in the prevention of coccidiosis caused by *Eimeria adenoides*, *E. gallopavonis* and *E. meleagrimitis*.

MIXING AND FEEDING DIRECTIONS:

By law the user must take due care, obtaining expert advice when necessary, to avoid unnecessary pain and distress when using the product other than as directed on the label.

IMPORTANT: MUST BE THOROUGHLY MIXED IN FEEDS BEFORE USE.

MIXING DIRECTIONS:

All rations (including dry feeds, silage, wet feeds) should be converted to a 90% dry matter basis for calculation of the MONOTEC 100 MICROGRANULATE Premix addition rate.

1. Dairy Cows

In Supplements: Thoroughly mix MONOTEC 100 MICROGRANULATE Premix into the supplement to provide 300 mg monensin per animal per day when the supplement is fed at its recommended rate. This is equivalent to providing 3 grams of MONOTEC 100 MICROGRANULATE Premix per animal per day. Feed in not less than 0.5 kg feed.

Daily Supplement Offered (kg/hd/day)	MONOTEC 100 microGranulate Premix Addition Rate (kg/t)
1.0	3
2.0	1.5
3.0	1

2. Calves

In Supplements: Thoroughly mix MONOTEC 100 MICROGRANULATE Premix into the supplement at a rate of 1kg MONOTEC 100 MICROGRANULATE Premix per tonne of feed. This is the equivalent of 100 ppm (mg/kg) of monensin active ingredient in the supplement. This is the equivalent to providing 1 gram of MONOTEC 100 MICROGRANULATE Premix per calf/day when supplement is fed at 1kg/calf/day.

3. Beef cattle, Beef Cows, Replacement Heifers

In Supplements: Thoroughly mix MONOTEC 100 MICROGRANULATE Premix into the supplement to provide 200 mg monensin per animal per day when the supplement is fed at its recommended rate. This is equivalent to providing 2 grams of MONOTEC 100 MICROGRANULATE Premix per animal per day.

Daily Supplement Offered (Kg/hd/day)	MONOTEC 100 microGranulate Premix Addition Rate (kg/t)
0.5	4
1.0	2
2.0	1

4. Feedlot cattle

In complete feeds: Thoroughly mix MONOTEC 100 microGranulate Premix into the ration at a rate of 0.10 to 0.33 kg MONOTEC 100 microGranulate Premix per tonne of final feed. This is the equivalent of 10 to 33 ppm (mg/kg) of monensin active ingredient in the final feed.

In Supplements: Thoroughly mix MONOTEC 100 microGranulate Premix into the supplement to provide 50-360 mg monensin per animal per day, when the supplement is fed at its recommended rate. This is equivalent to providing 0.5 to 3.6 grams MONOTEC 100 MICROGRANULATE Premix per animal per day.

5. Sheep and Goats

Complete Feeds: Thoroughly mix MONOTEC 100 MICROGRANULATE Premix into the ration at a rate of 0.05 to 0.2 kg MONOTEC 100 MICROGRANULATE Premix per tonne of final feed. This is the equivalent of 5 to 20 ppm (mg/kg) of monensin active ingredient in the final feed.

In Supplements: Thoroughly mix MONOTEC 100 MICROGRANULATE Premix into the supplement to provide 7.5 mg to 40 mg monensin per animal per day when the supplement is fed at its recommended rate. This is the equivalent of providing 0.075 to 0.4 grams of MONOTEC 100

MICROGRANULATE Premix per animal per day.

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

Daily Supplement Offered (kg/hd/day)	MONOTEC 100 microGranulate Premix Addition Rate (kg/t)
0.1	3
0.2	1.5
0.3	1

6. Broiler and Layer Replacement Chickens: Thoroughly mix 1.0kg to 1.2kg of MONOTEC 100 MICROGRANULATE Premix into feed to provide monensin equivalent to 100g to 120g activity per tonne of complete feed. Feed continuously as the only ration. May be fed up to point of laying.

7. Growing Turkeys: Thoroughly mix 0.6kg to 1.0kg of MONOTEC 100 MICROGRANULATE Premix into feed to provide monensin equivalent to 60g to 100g activity per tonne of complete feed. Feed continuously as the only ration until 16 weeks of age.

CONTRAINDICATIONS:

Poultry or cattle consuming monensin should not be treated with products containing erythromycin, tiamulin or oleandomycin. Severe growth depression may occur. Do not exceed the recommended levels of monensin as reduced daily gain may result.

CAUTION:

Do not allow dogs, horses or other equines access to feeds containing monensin. Ingestion by dogs and horses may be fatal.

WITHHOLDING PERIODS:

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.

Cattle: Meat: Nil. Milk: Nil.

Sheep and Goats: Meat: Nil.

Milk: Sheep or goat milk intended for human consumption must be discarded during treatment 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.

DANGER:
Corrosive
Dangerous to the environment
Handling precautions:

Monensin sodium may be dangerous if swallowed or absorbed through the skin and may cause eye damage. Repeated exposure to monensin sodium may cause skin allergy. May cause mild skin irritation. 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. Harmful to aquatic organisms and soil environment. Very toxic to terrestrial vertebrates. Avoid contamination of any water supply with product or empty container. Avoid release to the environment.

First aid:

If swallowed do NOT induce vomiting. If eye contact occurs hold eyes open and rinse cautiously with water for several minutes. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water.

Emergency Response:

In case of spillage wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Sweep up solids without creating dust. Wash area with water and absorb with further inert material.

Disposal:

Preferably dispose of product by use, or at an approved landfill or equivalent facility.

STORAGE:

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

Registered pursuant to the ACVM Act 1997, No.A10036

See www.nzfsa.govt.nz/acvm/ for registration conditions.

Registered to: AgriHealth NZ Ltd

www.agrihealth.co.nz



Batch Number:

Expiry Date: