

HIGHMAG

Help combat grass tetany



The HIGH MAG product contains the unique 3 in 1 BLM formulation but specifically targets increasing magnesium levels in livestock to help combat grass tetany and milk fever.

Dosed once every 3 weeks, HIGH MAG helps improve the health and performance of livestock at times when increased magnesium is required.



BENEFITS

- Application flexibility – can be used in water supply or mixed with feed.
- Includes trace elements with high magnesium for times when grass tetany is most prevalent.
- High amino acid content (the building block of protein).
- Natural electrolytes for increased absorption and retention.
- Kelp / Seagrass extract with over 90 different natural nutrients for overall health.

KEY TIMES OF USE

The BLM High Magnesium product is to be used as a preventative not a cure.

Be proactive at times when grass tetany and milk fever are traditionally prevalent.

Please note: It is recommended that High Mag is used every 3 weeks at half the normal dose rate of other BLM Products. Refer dose rates for further instructions.

DRUM SIZES

Available in 20L & 200L

TARGET ANALYSIS

Amounts in mg/L	
COBALT	3000
COPPER	4000
MANGANESE	5400
ZINC	5300
MAGNESIUM	3600
SELENIUM	1500
POTASSIUM	200
SODIUM	2000
SULPHUR	16,000

This product also contains electrolytes (via fulvic acid) & amino acids (via kelp/seagrass extract).





John Andre from 'Ceres' in Southern Australia uses our product all year round with an inline system and uses the High Mag product for the period when grass tetany is most prevalent with Magnesium levels shown in blood tests to be very satisfactory.

JOHN ANDRE – 'Ceres', Kangaroo Inn, SA



DOSE RATES - CATTLE

It is recommended to halve the normal dose of High Mag (compared to other BLM products) to increase the frequency to **3 weeks** to ensure magnesium levels do not drop. Refer dose rates below.

BREEDER:

A heifer you're trying to get in calf, a cow in calf, or a cow with calf at foot to 200 kilograms is classed as a breeder unit.

DOSE RATES: Per Breeder unit

25mls per animal per 3 weeks.

EXAMPLE: 200 Breeders

200 breeders x 25ml dose:

Total 5,000 mls (5 ltrs) of High Mag for **3 weeks**.

DRY CATTLE: Calculated on animal's weight

DOSE RATES: Per head

100 - 200 kgs	10mls
201 - 300 kgs	15mls
301 - 400 kgs	20mls
401kg plus	25mls

Dose per head is for **3 weeks** and is not a daily dose.

IMPORTANT: BLM products are NOT a daily application process. Dose amounts for cattle are for a 3 week period (one dose lasts 3 weeks).

PRICE PER ADULT DOSE (25mls per 3 weeks)

20L Drum	\$0.53 per 25ml dose
200L Drum	\$0.49 per 25ml dose

DOSE RATES - SHEEP

Recommended dose frequency is once every 3 weeks at the dose rates in the table below, or as directed by a Veterinary Surgeon. The preferred application method for BLM products is through the water supply.

Age	Dose Volume (mls)	Frequency
Lambs under 30kg	2.5 mls	3 weeks
Adult Sheep	5 mls	3 weeks

PRICE PER ADULT DOSE (5mls per 3 weeks)

20L Drum	\$0.11 per 5ml dose
200L Drum	\$0.10 per 5ml dose

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Application Guidelines

WATER TROUGH

(Preferred method)

For the best results we recommend application via the water supply using the BLM stainless steel dispenser in the water trough. The dispenser simply screws into the top of a 5,10 or 20 ltr drum (BLM Empty dispenser drums are available for purchase if required)

Drum must NOT be completely filled (i.e. 20 ltrs in a 20 ltr drum). There has to be air pressure in the drum for the dispenser to work correctly over its 3 day dispensing period.

WHY: When you look at the dispenser it has an inlet and an outlet that are constantly under water in the trough so the air in the drum is trapped. For every ml of Beachport that escapes through the outlet over the 3 days a ml of water is sucked back in through the inlet keeping the air pressure constant. For example, put 15 ltrs of Beachport in a 20 ltr drum 3 days later Beachport will be replaced by 15 ltrs of water due to the air pressure in the drum.

DOSE STEPS

- Work out how many stock on water point:
e.g. cattle: 200 breeders x 25 mls = 5 ltrs.
(For larger mobs consider splitting the dose and treating every 3 weeks.)
- Measure 5lts of High Mag into a clean, empty 10 ltr drum.
- Screw the BLM Dispenser tightly onto the top of the drum.
- Ensure the trough has been cleaned thoroughly prior to placing the floating drum and dispenser into the water to prevent the inlet on the dispenser blocking when water is being sucked back into the drum.
- Drop the drum with dispenser into the trough, it will automatically right itself into the correct position with the stainless steel dispenser under water.
- Let the drum move freely around the trough, the stock will not knock it out.
- Leave the drum to dispense in the trough for 48-72 hours.
- When you return to collect it, empty the water left in drum into trough (may be a weak tea colour).
- Repeat the above process on a 3 weekly cycle.

IMPORTANT: Under no circumstances can BLM products be mixed with other products in the water supply at the same time. This includes UREA.

WATER TANK

- Dose amounts remain the same (25ml per head for an adult dose every 3 weeks)
- You can pour the correct dose directly into the tank but ensure that the tank does not overflow. Ensure the header tank to be treated has NO leaks.
- DO NOT turn tank supply off risking stock running out of water. Water flow is essential to allow the High Mag to suspend in the water and clouds on movement to outlet.
- Calculate the amount of product needed based on the number of stock being supplied by the tank.
- Pour the required amount directly into the tank. DO NOT turn off tank, let it fill as normal.
- BLM should not be put in a tank with excessive sediment present.

Note: If there are multiple tanks in the line ensure closest tank to stock is dosed.

HAY APPLICATION

- Mix the required amount of product with a volume of water that is sufficient enough to be able to evenly pour onto the hay that's been fed out.
- Add an extra 10% of product to allow for wastage.
- Dose over 3 applications (Not one).