Livestock IQ
INNOVATIVE ANIMAL NUTRITION

MAGBOOST

STAY AHEAD OF SEASONAL MAGNESIUM DEMANDS

KEY TIME-OF-USE SUPPLEMENT.

- Aids in the prevention of grass tetany & milk fever – before clinical signs appear.
- Elevated magnesium, carried by amino acids & electrolytes for fast absorption.
- Dosed every 3 weeks through the risk window – proactive, not reactive.
- One 3-day trough application. No daily handling, no daily dosing.

MagBoost is targeted magnesium support, built to carry livestock through the grass tetany and milk fever risk windows. Tetany strikes when the feed looks its best – lush, fast-growing pasture, where high nitrate and potassium block magnesium uptake, and a cold snap tips it over. Ruminants can't draw on magnesium reserves, so blood magnesium has to be topped up continuously. That's why MagBoost is dosed every three weeks through the danger window, with the magnesium carried by aspartic acid, glycine and proline – the amino acids that move it into the bloodstream when it's needed most. Proactive, not reactive.

CORE BENEFITS - MagBoost helps support:

Grass tetany risk

Supports normal muscle & metabolic function when magnesium intake falls short on lush, rapidly growing pasture.

Milk fever & late pregnancy

Supports the peak magnesium & calcium demand of late pregnancy & early lactation.

Newborn strength & survival

Helps support the development & survival of young animals, particularly multiples.

Milk let-down & mothering

Producers commonly notice better milk let-down, stronger newborns & improved appetite on lush feed.

High-nitrate pastures

Assists where high nitrate in fresh green feed places extra pressure on livestock.

Faster return to cycle

Females hold condition longer post-calving, supporting stronger rebreeding.

- Every batch NATA tested
- 3-year shelf life
- NIL withholding

THE REAL DIFFERENCE - THREE COMPONENTS WORKING TOGETHER

Three components. One rumen-protected formulation. Working in synergy like no other supplement on the market.

Where most tetany licks rely on the animal choosing to eat them, MagBoost pairs elevated magnesium with amino acids and natural electrolytes – delivered evenly through the trough so every animal at the water point gets a consistent dose.

16 AMINO ACIDS

The carriers that get magnesium where it's needed. Sourced from seagrass & kelp, led by **aspartic acid, glycine, glutamic acid** and **proline** – the ones that bind and carry magnesium, supporting rapid absorption into the bloodstream through the risk window.

10 TRACE MINERALS

Magnesium lifted for the danger window, with **copper, zinc, cobalt, selenium, manganese, boron, sodium, sulphur** and **potassium** – all chelated for absorption, supporting muscle, nerve and metabolic function through late pregnancy and early lactation.

NATURAL ELECTROLYTES

The delivery system. Natural fulvic acid electrolytes carry the magnesium, minerals and amino acids through the rumen and into the cells, restoring electrical balance and supporting hydration and metabolic stability when demand peaks.

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SMARTER YEAR-ROUND NUTRITION
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GRASS TETANY STRIKES WHEN THE FEED LOOKS ITS BEST.

By the time clinical signs appear, it's already too late. Grass tetany and milk fever move fast, and ruminants have almost no magnesium reserve to fall back on. That's why MagBoost is built to get ahead of it, keeping blood magnesium topped up through the most dangerous weeks of the season. One 3-day trough application covers the whole mob, with no yarding or daily handling.

MagBoost HUB

- Dose calculator
- Application guides
- Videos & SDS
- Product support

KNOW YOUR RISK WINDOWS

Start a full loading dose before each window opens, then continue every 3 weeks until the risk eases.

- **Pre-calving & pre-lambing:** Start from 6 weeks before calving or lambing, when the pull of late pregnancy lifts magnesium and calcium demand. Most important in cows at calving and in twin-bearing ewes.
- **Early lactation:** Continue through early lactation, when magnesium and calcium demand peaks and lactating stock are most exposed.
- **Spring flush & green feed:** Lush, fast-growing pasture is the classic trigger. Rapid growth, late breaks and seasonal transitions all reduce magnesium uptake, exactly when tetany risk is highest.
- **Cold, wet weather & tetany districts:** A cold snap on green feed is often what tips an at-risk animal over. If you're in known grass tetany country, don't wait for the weather to turn.

DOSE RATES

	ADULT CATTLE	ADULT SHEEP/GOATS
1st dose	50 ml p/head	10 ml p/head
3 weeks later	25 ml p/head	5 ml p/head
Frequency	Every 3 weeks through the risk window	Every 3 weeks through the risk window

Already using the LivestockIQ range?
Note that MagBoost dose rates are half those of the year-round products, and dosing is every 3 weeks, not 6.

DOSING MADE SIMPLE

1. **Measure:** Measure your dose (e.g. 50ml per head for adult cattle). Never attach the ProDispenser to a full drum of supplement.
2. **Fill & connect:** Pour into the DosingDrum, leaving 20% air space, and attach the ProDispenser.
3. **Dose:** Place upside down in the trough. The ProDispenser releases slowly over 3 days as water replaces the product.
4. **Repeat:** Move to the next water point, or dose again in 3 weeks.

If the water trough application method doesn't suit your operation, MagBoost can also be poured on hay or mixed with feed.

View the ProDispenser video via the MagBoost HUB QR code above

COST PER MAINTENANCE DOSE

All prices RRP ex GST.

DRUM SIZE	CATTLE COST P/DOSE (50ML)	CATTLE COST P/DOSE (25ML)	*CATTLE PROGRAM COST P/HEAD	SHEEP/GOAT COST P/DOSE (10ML)	SHEEP/GOAT COST P/DOSE (5ML)	*SHEEP/GOAT PROGRAM COST P/HEAD
10L	$1.69	$0.84	*$4.21	$0.34	$0.17	*$0.84
20L	$1.40	$0.70	$3.50	$0.28	$0.14	*$0.70
200L	$1.25	$0.62	*$3.11	$0.25	$0.12	*$0.62
1000L	$1.15	$0.58	*$2.88	$0.23	$0.12	*$0.58

***Cattle Program** – one 50 mL loading dose plus three 25 mL maintenance doses, covering a typical spring grass tetany window in lactating cattle. Add one maintenance dose (25 mL) for every extra 3 weeks of risk.

***Sheep Program** – one 10 mL loading dose plus three 5 mL maintenance doses, covering late pregnancy through early lactation in twin-bearing ewes. Add one maintenance dose (5 mL) for every extra 3 weeks of risk.

ADVANCED NUTRITIONAL SUPPORT

Beyond the trace element profile, this formulation includes bio-synthesised amino acids and natural electrolytes to enhance absorption in the bloodstream, improving nutrient bioavailability and overall effectiveness.

9 x Essential Amino Acids: leucine, isoleucine, valine, lysine, methionine, phenylalanine, threonine, histidine and arginine.
7 x Non-essential Amino Acids: alanine, aspartic acid, glutamic acid, glycine, proline, tyrosine and serine.

MINERAL TARGET ANALYSIS

MINERAL	TARGET	MINERAL	TARGET
Boron (B)	**900** mg/L	Potassium (K)	**200** mg/L
Cobalt (Co)	**3,000** mg/L	Selenium (Se)	**1,500** mg/L
Copper (Cu)	**4,000** mg/L	Sodium (Na)	**2,000** mg/L
Magnesium (Mg)	**3,600** mg/L	Sulphur (S)	**16,000** mg/L
Manganese (Mn)	**5,400** mg/L	Zinc (Zn)	**5,300** mg/L

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