Agronomy Insights

EzyFlow Nano Calbud for Grazing Crops and Pastures

For plant health and animal health combined.

Calcium, magnesium and trace elements are essential for good animal health and rumen function. A foliar application of EzyFlow Nano Calbud is an efficient and effective way to apply these essential nutrients to grazing crops and pastures.

EzyFlow Nano range	Elemental % w/v													
	N	P	K	Ca	Mg	S	Zn	Cu	Mn	B	Mo	Fe	Co	Kelp
EzyFlow Nano Calbud	4.5			20	4.5		4.5			0.14				

Essential nutrients for ruminant production

Calcium

- Gestation and lactation require higher amounts of calcium to avoid Hypocalcemia.
- Involved in bone development, nerve function, muscle contraction, blood clotting, milk production, heart function and cell development.

Magnesium

- Directly interacts with calcium and vice versa, thus they must be kept in the proper ratio for the body to function properly.
- Signs of deficiency vary in severity, but the most common symptoms are grass tetany, mastitis, excessive nervous behavior.

Zinc

- Works with vitamin A, iodine and selenium to build the immune system.
- Zinc deficiency causes poor growth, loss of appetite and a bad feed conversion rate.

Boron

- Involved in the production of essential amino acids and proteins.
- Energy substrates such as triglycerides and glucose.

High quality fodder crops are an efficient way to meet the animals energy and protein requirements, however the crop can be deficient in Ca, Mg, Zn & B.

While an application of EzyFlow Nano Calbud doesn't replace the need for further potential supplementation, it is an effective way to improve the animal's daily intake.

A treated crop or pasture may improve feed quality providing grazing stock with constant access to essential nutrients, as opposed to loose licks or blocks which require the animals to go to where they are placed in the paddock.

This ensures rumen bacteria continually have highly digestible, high quality nutrition. As seen in figure 1. The application of EzyFlow Nano Calbud has been shown to increase fodder quality. EzyFlow Nano Calbud is typically active in the plant for 4-6 weeks. Additional applications to the crop or pasture may be required for prolonged grazing periods or to target key times for Ca and Mg supply to the animals.

EzyFlow Nano Calbud is compatible with a large range of herbicides. While no negative impacts on weed control have been experienced in a tank mix with herbicides, it is advised that discretion is used when recommending or applying EzyFlow Nano Calbud in a tank mix.

CAUTION: DO NOT tank mix EzyFlow Nano Calbud with Sulphate of Ammonia (SOA) or liquid fertilisers containing phosphorus.

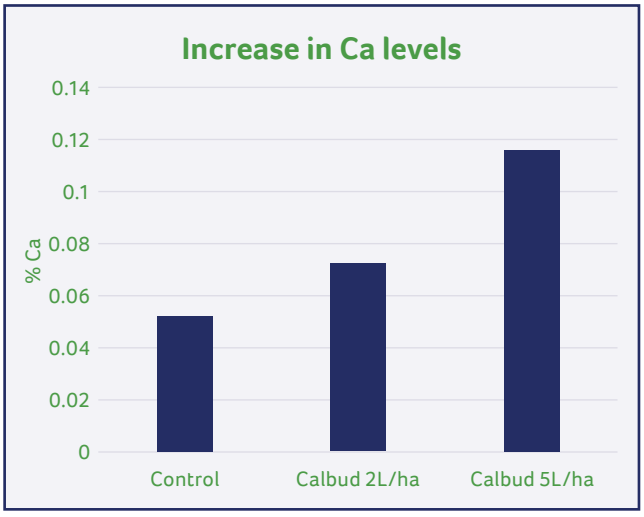

Figure 1. Calcium level increases on Wedgetail grazing wheat. Harden 2014. Samples taken 31 days after treatment. Winter application.