

MineralBoost

PLUS

All she needs!

MineralBoost is a rumen dispersible granule containing high quality calcium, magnesium, sodium and phosphorous.

When added to an animal's diet, MineralBoost will maximise production and liveweight gain whilst also safe guarding against metabolic disorders. The rumen dispersible granule is a patented delivery technology designed to exhibit the benefits of a granule during mixing and freight (less dust, less segregation, less waste), while dispersing into fine powder once inside the rumen – providing a very convenient method of adding essential nutrients to an animal's diet.

Technical Specifications

MineralBoost Plus is made up of Calcium, Magnesium, Sodium and phosphorous and Bioplex® High Five (organic trace minerals). To understand the macro mineral levels available to the cow, MineralBoost is reported in elemental levels per 200gm dose rate, which is as follows:

- **Calcium:** 41gms elemental
- **Magnesium:** 12gms elemental
- **Sodium:** 11gms elemental
- **Phosphorous:** 5gms elemental
- **Organic Trace Minerals:** 5gms per cow per day (Bioplex® High Five)

CALCIUM

Calcimate in MineralBoost is manufactured from high quality New Zealand limestone. The industry's most stringent manufacturing and testing processes ensures the outcome is a fine, high calcium supplement you can trust.

Calcium maximises milk production post-calving, optimises assimilation, improves reproduction, strengthens the cow's immune system, counters the stress from cold weather and extreme activity (i.e. mating, calving) and enables younger stock to reach their growth potential.

MAGNESIUM

MineralBoost contains high quality magnesium sources from Australia.

Magnesium is required for the production of hormones that are important for the absorption of calcium from the gut and the mobilisation of calcium from bones. Magnesium supplementation will reduce animal health problems and increase milk production. The magnesium requirement of the modern dairy cow has increased, partly due to increased use of nitrogen (N) and potassium (K) fertilisers and due to an increase in cow genetic merit. All cows are to some extent deficient in magnesium in late pregnancy. Cows cannot access magnesium stored in the body and therefore it is best to be supplemented daily.

SODIUM

MineralBoost contains quality New Zealand sourced sodium. Dairy cows routinely expel sodium from the body in urine, faeces, saliva and milk which has to be replaced.

Sodium is an essential element for animals and may be one of the most cost-effective methods of increasing milk production. Research has proven supplementing with sodium can give a significant production response when the dietary level is low. Sodium in some form should be available all year round. Rapidly growing young animals require sodium for new tissue formation and if sodium is deficient, appetite is suppressed.

PHOSPHOROUS

MineralBoost Plus contains phosphorous, an essential mineral that is often overlooked. Phosphorous deficiency may reduce growth, energy, bone development, blood formation and nutrient metabolism.

ORGANIC TRACE MINERALS (Bioplex® and Sel-Plex® - Organic Trace Minerals from Alltech®)

Bioplex® minerals and Sel-Plex® selenium enriched yeast are the results of extensive research and development by Alltech, a global animal nutrition and health company. These trace minerals are more bio-available than inorganic trace minerals such as sulphates. The improved bio-availability means higher levels of cow performance can be achieved with smaller quantities and less minerals are excreted into the environment and wasted. These minerals are fully supported by years of peer reviewed research and all batches of raw materials and finished product are tested for PCB's, dioxins and heavy metals via the Alltech Q+ program. Bioplex® High Five has been specifically formulated for New Zealand cows.

Dose: 200gms per cow per day

It is not recommended to alter the dose rates of MineralBoost products unless directed by a nutrition consultant.



All the benefits of MineralBoost Classic plus the added advantage of Phosphorous

Quality Assurance Guarantee

MineralBoost is the only macro mineral product which is routinely tested for heavy metals, mineral content and degradation qualities. MineralBoost is traceable by batch number giving you complete peace of mind for you and your animals.

Warning: Seek advice from your nutrition advisor before substantially altering ration componentry. Ensure MineralBoost Plus is thoroughly blended throughout the ration before feeding. Do not feed MineralBoost Plus four weeks before calving. Care should be taken in adlib feeding situations.



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BIOPLEX® HIGH FIVE

For more information, contact the RDG team today on 0800 466 736 or visit www.mineralboost.co.nz