

FUNCTIONS OF MAGNESIUM IN PLANTS



- > Found at the center of the chlorophyll, essential for plant photosynthesis.
- > Is a carrier for Phosphorus, ensuring a steady supply to the plant.
- > Will increase nitrogen fixation in legumes.
- > Is both an enzyme activator and constituent of many enzymes.
- > Responsible for sugar synthesis and starch translocation.
- > Nutrient uptake control.

FUNCTIONS OF MAGNESIUM IN ANIMALS



- > Necessary for 100s of animal biochemical pathways, particularly involved in nerve function.
- > Ruminants require magnesium for efficient feed conversion and metabolism.
- > Magnesium deficiencies manifest themselves as nervousness, grass staggers, milk fever, low milk production, weight loss and infertility.

SOIL TESTING

We recommend that you complete a comprehensive Kinsey/Albrecht soil test from Perry Analytical Laboratories to establish the base saturation levels of your soil and how much calcium and magnesium you need to apply.

CONTACT

For advice and soil testing anytime

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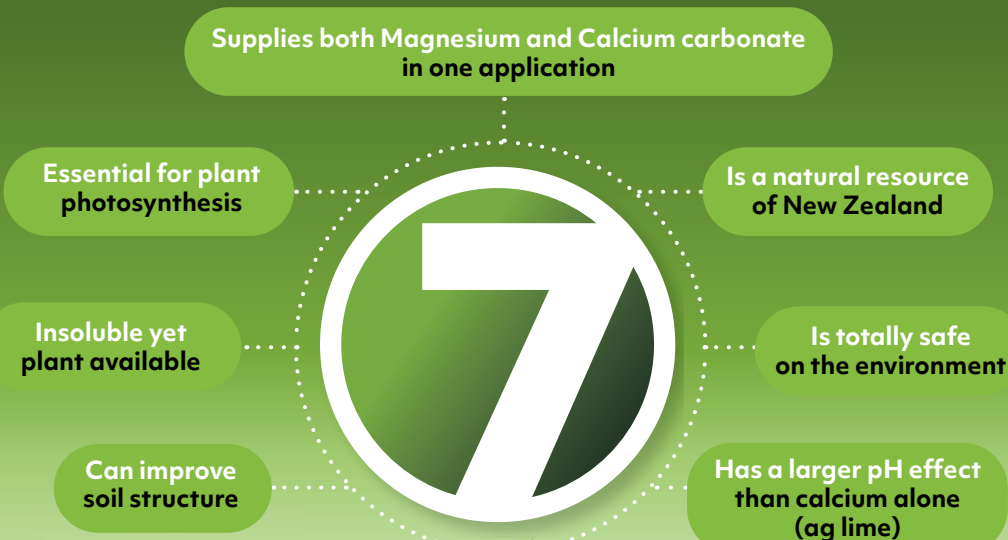
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Part of the Sollys group

SOLLYS

7 WAYS TO EMPOWER YOUR SOIL

with Golden Bay Dolomite



GOLDEN BAY
Dolomite
NZ's Finest Magnesium Fertiliser

www.goldenbaydolomite.co.nz

GOLDEN BAY DOLOMITE IS THE NATURAL COST-EFFECTIVE CHOICE

Applying maintenance amounts of Dolomite (250kgs/ha) can cost as little as \$40 to \$80/ha (depending on region).

This supplies enough calcium and magnesium to meet your soils needs, and to be a catalyst for pasture growth this season and beyond.

Farm benefits



Soils

- > Increased nutrient storage and availability.
- > Continual improvement of soil tilth and soil structure.
- > Reduced reliance on nitrogen inputs.
- > Improved worm and microbial activity.
- > Increases soil magnesium and calcium base saturation levels.



Stock health

- > Significant reduction in animal metabolic disorders, especially during the spring season.
- > Improved mating performance.
- > Reduce or eliminate the need for pasture dusting of magnesium oxide.



Pasture and Crops

- > Supplies magnesium found at the centre of the chlorophyll, essential for plant photosynthesis.
- > Stronger, more vigorous clover and pasture growth.
- > Stronger plant roots which grow further down into the soil profile.
- > Healthier, disease and pest-resistant crops.



Farm system

- > Continual sequestering of carbon.
- > Improved profitability.

7 WAYS TO EMPOWER YOUR SOIL WITH GOLDEN BAY DOLOMITE

