




Hi-Cal

A Plant Available Soluble Lime

- Up to 10,000 times more Alkaline than Raw Calcium Carbonate Limes
- Cost Effective Liming Solution
- Helps to Balance Soil CEC
- Improves Physical and Biological Soil Structure
- Provides Soil Soluble and Plant Available Calcium
- Helps Reduce Frost, Disease and Salinity Damage





Hi-Cal is a blend of BioLime (crushed limestone), calcium hydroxide, chelating and calcium solubilising agents. It is designed for use where soil pH management is required along with the added advantage of plant-available calcium. Hi-Cal supplies functional calcium — essential for plant structure to increase resistance to insect, disease and frost damage. Hi-Cal's formula allows rapid ionic displacement of hydrogen with calcium to significantly reduce weed pressures, salt pressures and compaction in crops and pastures.

This is achieved because the calcium hydroxide in Hi-Cal has a higher neutralising value than calcium carbonate and can therefore change pH faster. The calcium hydroxide and calcium carbonate are complexed with chelating and solubilising agents that enhance the functional calcium. Calcium will displace excess hydrogen and sodium ions to assist in reducing soil acidity and salinity.

Hi-Cal not only gives you the advantages of pH management and calcium for soil, microbe and plant health, it also provides economic benefits by reducing the quantities of liming product required, which:

- Reduces freight costs;
- Reduces energy and time required to spread the product;
- Achieves excellent results;
- Is priced favourably compared with other liming products.

APPLICATION RATES

400-600kg/ha. A soil test prior to application is recommended. Applications will be soil type specific.

Application via a multi spreader is recommended.

DIRECTIONS FOR USE

May be mixed with most dry products. Hi-Cal is best applied in the period after harvest and before seeding. For best results incorporate into the soil to a depth of 5cm.

ANALYSIS

Calcium (Ca)	31%
pH	11.0

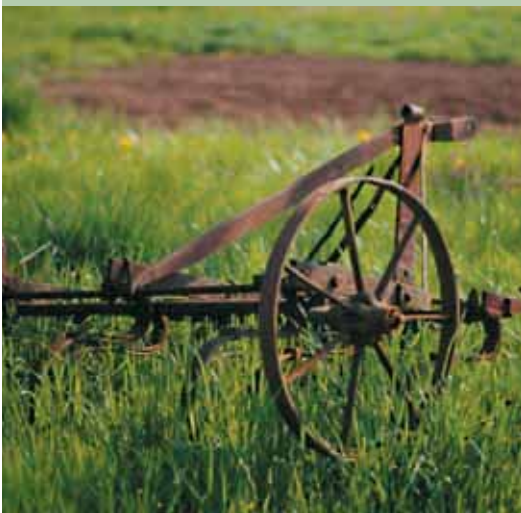
Sizes Available in

- Bulk amounts on request

DISCLAIMER: This product must be used in accordance with the recommended directions otherwise Optima Agriculture assumes no responsibility for product performance. If you are unsure in anyway, please contact Optima Agriculture for application advice, mixing compatibility and crop tolerance before applying.

Optima Hi-Cal

is up to 10,000 times
more alkaline
than raw Calcium
Carbonate limes.



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