



INNOVATIVE and AUSTRALIAN

Key-EI Calcium

Quality soil supplement for the prevention and correction of Calcium deficiencies.



Calcium aids in the formation and strength of cell walls and is necessary for the development of plants.

Key-EI Calcium

- Enhanced root uptake and translocation.
- Increased plant availability.
- Reduces leaching.
- Decreases soil tie ups.

Key-EI Calcium chelate

Key-EI Calcium is an essential plant micronutrient that is chelated in a Ethylene Diamine Tetraacetic Acid (**EDTA**), to create a highly efficient soil trace element fertiliser. The chelate delivery package further ensures that the nutrient is plant available via the root system.



Calcium Related Disorders

- Bitter pit
- Blossom end rot
- Cavity spot
- Black heart
- Stem end cavity
- Tip Burn

The Calcium Story

Calcium is an essential macronutrient in most cropping regions of Australia. Calcium is the fourth most important plant element. Calcium is critical for plant growth and structural integrity. Calcium also governs the uptake of other plant nutrients. Traditional forms of soil applied calcium such as Calcium Sulphate and Calcium Carbonate often have very poor mobility within the plant and soil. Calcium Chloride forms may be damaging to plants and their yields.

Foliar Application

Refer to Manni-Plex Calcium

Pack Size

Available in 2kg & 15kg packs.

Key-EI Calcium



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Key-El Calcium

Key-El Calcium

ANALYSIS

10 % Calcium as EDTA Chelate.

APPLICATION

For use in a regular nutrient program for all crops requiring Calcium via fertigation, water wheel or soil injection. Optimum rate of application will vary between fields. Multiple applications may be needed throughout the season. The application rate may need to be varied with changes in plant size, canopy or crop load.

MIXING INSTRUCTIONS

1. Dissolve contents before using.
2. Put 1/3 of water in the fertigation tank.
3. Add correct amount of **Key-El Calcium**.
4. Continue to fill tank with water and agitate.
5. Conduct jug test if requiring multiple nutrient mixing.

APPLICATION RATES

Minor Deficiency

Apply 1.5 Kg to 2.5 Kg of **Key-El Calcium** per application per hectare throughout the cropping season as needed. Multiple applications may be needed to correct deficiencies once they occur.

Major Deficiency

Apply 3.0 Kg to 4.5 Kg of **Key-El Calcium** per application per hectare throughout the cropping season as needed. Multiple applications may be needed to correct deficiencies once they occur.

Key-El Range & Analysis

Key-El BTE	0.9% Boron (B) as Borate 1.7% Copper (Cu) as EDTA Chelate 3.3% Iron (Fe) as EDTA Chelate 7.8% Magnesium (Mg) as Sulphate 1.7% Manganese (Mn) as EDTA Chelate 0.8% Zinc (Zn) as EDTA Chelate 0.023% Molybdenum (Mo) as Molybdate 10.4% Sulphur (S) as Sulphate
Key-El Calcium	10% Calcium (Ca) as EDTA Calcium
Key-El Copper	14% Copper (Cu) as EDTA Chelate
Key-El Iron	13% Iron (Fe) as EDTA Chelate
Key-El Magnesium	6% Magnesium (Mg) as EDTA Chelate
Key-El Manganese	13% Manganese (Mn) as EDTA Chelate
Key-El Zinc	14% Zinc (Zn) as EDTA Chelate

Barmac Nutrition Product Range

“AUTOFERT”	Liquid nutrition for plant & soil health.
“Key-El”	Soluble EDTA chelates.
“Ligno-Plex”	Fertigation Lignosulphonate liquids.
“Manni-Plex”	Foliar applied micronutrient technology.
“CoRoN”	Controlled Release foliar nitrogen.
“Sure-Flow”	NPK with trace element soluble blends.

For more information on Key-El Calcium contact -

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Edition 110308

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