



BIO-CALCIUM

Bio-available calcium for fast root uptake

pH 12.25

SG 1.26

Product	N %	P %	K %	S %	Ca %	Mg %	Fe %	Si %	C %	Zn ppm	Mn ppm	Cu ppm	Mo ppm	B ppm	Co ppm	HUMIC ACID %	FULVIC ACID %	AMINO ACID %
BIO-CALCIUM			1.5	0.25	6	0.25	0.19			190				120			0.04	3.6

Typical uses and benefits include:

- Bio-available calcium for rapid uptake.
- Enhances plant resilience.
- Improves call function, strength and structure.
- Boosts fruit quality and storage.
- Supplies plant available Ca in a stable alkaline solution.
- Sequestering or displacing chloride, sodium and aluminium from the root zone.

Bio-Calcium is a calcium amino acid chelate, complexed with long-chain carbon and additional mineral calcium for fast plant availability and soil stability.

As a liquid soluble calcium source, Bio-Calcium is suited for both acidic and alkali soils, buffering Hydrogen (pH) and displacing aluminium. Or in alkali soils, displacing sodium and buffering Magnesium.

Note, Soil stability can be further enhanced by utilising calcium as a vehicle for mediating mineral microbial interaction, resulting in microbial transformation of Organic Matter (OM) into persistent Soil Organic Carbon (SOC) <https://www.nature.com/articles/s41467-023-42291-6>.

Bio-Calcium is formulated for soil application to provide fast calcium availability and buffering within the soil zone. For best results, repeat frequently through the season/use in conjunction with a seasonal bulk lime, dolomite or gypsum as required to provide bulk calcium longevity..

fertiliser for life

AVAILABLE IN 20L, 200L, IBC & BULK

For alternative applications or to arrange a soil/plant test please contact your Ecogrowth® nutritional expert.



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APPLICATION RATES

Crop	Rate	Notes
FERTIGATED TAPE	20-40L/ha	Apply 3-4 times per season, depending on requirements. Dripper and T Tape Minimum 1:100 dilution of Bio-Calcium in water.
SPRINKLER IRRIGATION	40-100L/ha	Apply 3-4 times per season, depending on requirements. Sprinklers and Centre Pivot minimum 1:50 dilution of Bio-Calcium in water.

COMPATIBILITY

DO NOT mix with nutritional products containing phosphates or sulphates. Compatible with a broad range of agricultural pesticides and herbicides. It is an ideal tank mix partner with UAN. Check the compatibility chart here as a reference, and always do a small jar test before preparing a full tank mix.

HANDLING

Liquid fertilisers can be corrosive to metals, so flush equipment clean after use. Avoid fumes. Avoid contact with eyes and skin. Wash thoroughly with soap and water after handling. Protect the product from frost and do not store it for extended periods in direct sunlight.