

# Microbe Plus® Calcium

*A Microbial digested blend of Calcium and Fulvic acid liquid fertiliser*



## Introduction

### Microbe Plus® Calcium

Microbe Plus® Calcium has been created via a unique process that blends and digests calcium nitrates and lactates with beneficial microbes, fungi and bacteria. Selected trace elements have also been added, to create an excellent nutrient supplement.

Utilising a unique digestive process Microbe Plus® Calcium is biologically active. It will help rectify deficiencies quickly and effectively.

Calcium regulates the transport of other plant nutrients and is also involved in the activation of certain plant enzymes. It is also an essential nutrient for plant cell division, formation and structure. Calcium is also a catalyst for amino acid production.

The correct balance of calcium provides the foundation for most biological processes in the plant and soil system.

Microbe Plus® Calcium is designed as a foliar or Drip fertigation product that will deliver an adequate supply of calcium to the plant. The organic acids in Microbe Plus® Calcium will also aid the breakdown of insoluble or "trapped" calcium in the soil converting it into plant available form. The increase in available calcium will improve the uptake of other crop nutrients; improve soil aeration and water movement.

Microbe Plus® Calcium delivers a complex suit of nutrients. It combines high grade calcium chelates, magnesium and fulvic acids. It delivers a highly bio-available and digested liquid concentrate.

All the nutrients in Microbe Plus® Calcium have been microbially digested using GrowGreens proprietary blend of beneficial soil microbes. This process emulates the natural process found in nature and converts the nutrients into 100% plant available form.

## Active Ingredients

High grade calcium, magnesium and fulvic acids.

## Compatibility & Use

Microbe Plus® Calcium can be mixed and applied with most commonly used pesticides and fungicides however we strongly recommend checking labels for compatibility as well as pre testing in a small area prior to widespread application.

## Optimising results

For optimum results use with GrowGreen's Profert® or Microbe Plus® foliar products along with Xtend® plant oil adjuvant. Xtend® will maximise the result by reducing drift and increasing adherence to the sprayed surface.

## Application Details

Microbe Plus® Calcium is suitable for use in a wide range of market sectors – some are listed here:

Pasture / Dairy / Sugar / Broad acre / Horticulture  
Viticulture / Turf / Golf Courses/ Bowling Greens/ Race Courses

Crop	App. Rate/Ha	No. of applications
Horticultural crops	4 – 5L	3-4 fertigations; pre flowering, post flowering & fruit enlargement stage
Broad acre Winter crops	2 – 3L	Liquid injection at seed sowing stage, 2 foliar applications (mid tillering & booting – grain filling stage)
Broad acre Summer crops	4 – 5L	2-3 boom spray application or foliar applications; pre flowering, post flowering & grain filling stage
Annual & perennial pasture	3 – 4L	3-4 foliar applications post grazing

### To be diluted in a minimum of 100L of water p/Ha

*\*We recommend foliar spray to the point of run off Pending soil and leaf analysis, application rates may vary. The above should be used as a guide only.*

### Avoid spraying in high temperature and high UV Conditions

## Rain fast

Microbe Plus® Calcium is rain fast in 15 minutes. If rain is expected shortly after applying, application rates listed can be increased by 20%.

## Microbe Plus® Calcium Shelf Life

Microbe Plus® Calcium should be stored at ambient temperature conditions. It is recommended to be stored out of direct sunlight, but within a well lit area so that the microbial digestion process within the product continues.

Sedimentation will rise after prolonged storage. As such we recommend use within 12 months of the date of manufacture.

## Packaging

Microbe Plus® Calcium is available in the following containers: 20L and 1000L

## Analysis (W/V)

Nutrient	Form	Analysis
Nitrogen (N)	as nitrate	0.80%
Potassium (K)	as molasses	0.24%
Sulphur (S)	as sulphate	0.04%
Calcium (Ca)	as nitrate	1.00%
Magnesium (Mg)	as sulphate	0.10%

For information about specific application rates, or use with specific crops please contact us on the number below.

Telephone: +61 7 5463 9900  
OR 1800 355 913  
Email: sales@growgreen.com.au

**www.growgreenfertiliser.com**

Manufactured By:  
GrowGreen Pty Ltd  
6089 Cunningham Highway Kalbar Qld 4309

*GrowGreen Pty Ltd makes no express or implied warranty regarding the storage, handling, use or results obtained from using its products. (Excluding statutory warranties)*