

Microbe Plus® Phoscal

LIQUID NUTRIENT FERTILISER

A microbial digested blend of Phosphorus and Calcium



INTRODUCTION

Microbe Plus® Phoscal has been created via a unique process that blends and digests phosphorous acid and calcium carbonates together with selected trace elements creating an excellent nutrient supplement. Utilising a unique digestive process Microbe Plus® PhosCal is biologically active. It will help rectify deficiencies quickly and effectively.

The correct balance of phosphorus and calcium is required for plants to produce the sugars for normal growth. Plant deficiencies in phosphorus and calcium can predispose a plant to fungal and bacterial infection.

Correct levels of plant available phosphorus and calcium are required for normal root growth, nutrient uptake and photosynthesis. When these nutrients are lacking, root growth will be delayed and stunted. Nutrient uptake and plant photosynthesis will also be hindered. These nutrients are essential for plant health and cell wall integrity.

Phosphorus is an essential element for flower and fruit formation. Phosphorus is easily locked up in the soil. Microbe Plus® PhosCal via foliar spray or soil drench is an efficient method of application during high demand times such as seeding and fruit development.

Calcium regulates the transport of other plant nutrients and is also involved in the activation of certain plant enzymes. It is also essential for plant cell division and is a catalyst for amino acid production. It is a critical element for biological processes in the plant.

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

Microbe Plus® Phoscal

ACTIVE INGREDIENTS

Phosphorous acid, calcium carbonate, magnesium with beneficial bacteria.

OPTIMISING RESULTS

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

SHELF LIFE & STORAGE

- 12 months from the manufacturing date.
- Microbe Plus® Phoscal should be stored at ambient temperature.
- Should be stored in a well lit area so the microbial process continues.
- Sedimentation will rise after prolonged storage.

COMPATIBILITY & USE

Microbe Plus® Phoscal 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.

PACKAGING

Microbe Plus® Phoscal is available in the following containers:

- 20L and 1000L

ANALYSIS (W/V)

Nutrient	Form	Analysis (W/V)
Phosphorus (P)	as water soluble	7.00%
Calcium (Ca)	as carbonate	4.00%
Magnesium (Mg)	as sulphate	0.10%
Copper (Co)	as sulphate	0.025%

APPLICATION RATES

Microbe Plus® Phoscal 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	3 - 4ltrs	3-4 fertigations; pre flowering, post flowering & fruit enlargement stage
Broad acre winter crops	2 - 3ltrs	1-2 foliar applications (booting - grain filling stage)
Broad acre summer crops	3 - 4ltrs	2-3 foliar applications; post flowering & grain filling stage
Annual & perennial pasture	3 - 4ltrs	3-4 foliar applications post grazing

To be diluted in a minimum of 100L of water/ha

- We recommend to foliar spray to point of run off. Application rates may vary depending on soil and leaf analysis. The above should be used as a guide only.

Avoid spraying in high temperatures and high UV.

GrowGreen Pty Ltd

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GrowGreen Pty Ltd makes no express or implied warranty regarding the storage, handling, use or results obtained from using this product (excluding statutory warranties).

For information about specific application rates, please contact our technical staff.

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