

Profert®

Protein Liquid Fertiliser

Microbially active. Packed with Vital Amino acids. Balanced with trace elements and micro nutrients



Introduction

Profert®

Profert® is a foliar fertiliser produced by a unique process which involves the breakdown of select marine by-products, into a form in which plants can readily absorb the available nutrients either through their foliage or through their root system.

This unique process used to manufacture Profert® preserves beneficial microbes and creates nutrients in the form of absorbable amino acids.

Plants will rapidly absorb these nutrients in a noticeably shorter time frame than conventional fertilisers.

Healthy plants are generally better able to withstand stress from the environmental sources, including pests and diseases.

Profert® is a concentrated source of soil microflora.

Why Profert works so well

Unlike most other liquid protein sources Profert® is produced via a unique ambient (room) temperature process. This process involves bacterial digestion which preserves the protein molecules.

In doing so beneficial microbes are unharmed and continue increase over time.

Increased microbes will improve your soil biology as well as improve your plants nutrition.

Importance of amino acids & trace elements

Amino acids are the essential building blocks for plant growth. The foliar application of amino acids in Profert® will assist the energy required by the plant to convert these proteins into new growth.

Most soils have deficiencies of trace elements. For maximum yield and growth all plants require a balance of nutrients. Profert® is a concentrated source of both macro and micro nutrients which will maximise the efficiency of plant growth.

Correct soil fertility is the best way to increase yield potential.

Profert® is a balanced fertiliser that will provide nutrition to your plants, along with beneficial microbes to your soil. It is an integral nutritional solution for primary producers.

Profert® supplies organic nitrogen to the plant and soil. It further will provide trace minerals to rapidly correct minor micronutrient deficiencies.

Product Benefits

- Healthy plants are better able to withstand environmental stress such as pest and disease.
- The correct balance of Micro and Macro nutrients will aid the plants ability to produce uniformity in fruit size, colour, and shape.
- Microbes and bacteria help supplies organic nitrogen to the plant and soil.
- Profert® can enhance the uptake and assimilation of trace minerals to rapidly correct minor micronutrient deficiencies.
- Improving soil microbial activity can aid the reduction of bulk fertilisers use and assist with unlocking built up nutrients.
- Profert® has a Nil with holding period.

Profert Shelf Life

Profert® should be stored at ambient temperature conditions between 18 and 30 c.

It should be stored out of direct sunlight, but within a well lit area so that the microbial digestion process within the product continues.

This continues process will make the amino acid molecules smaller and even more plant absorbable.

Rainfastness

Profert® is rainfast in 15 minutes. We suggest not applying if rain is expected shortly after application.

Compatibility & Use

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

GrowGreen Pty Ltd
6089 Cunningham Highway Kalbar Qld 4309

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

Analysis (W/V)

Nitrogen (N) as protein	3.30%
Phosphorus (P) as water soluble	0.67%
Potassium (K) as protein	0.61%
Sulphur (S) as sulphates	0.55%
Calcium (Ca) as protein	0.50%
Boron (B) as Boric Acid	0.05%
Molybdenum (Mo) as Sodium Molybdate	0.006%
Zinc (Zn) as sulphate	0.07%
Magnesium (Mg) as sulphate	0.03%
Iron (Fe) as sulphate	0.003%
Copper (Cu) as sulphate	0.003%
Manganese (Mn) as sulphate	0.006%

Packaging

Profert® is available in the the following containers:

- 20L
- 200L
- 1000L

Optimising results

For optimum results use with GrowGreens Xtend® plant oil adjuvant. Xtend® will maximise the result by reducing drift and increasing adherence to the sprayed surface.

Application Details

Profert 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

Application Type	Application Rates
Drench	20 L per hectare
Foliar Spray*	15ml /L 8 ml/L citrus only
Drip irrigation	4ml per linear mt
Fertigation	10ml /L 8 ml /L citrus only
Direct seed sowing	4ml / L

**Spray to point of run off. Reduce rates to 8 ml for sensitive plants*

For information about specific application rates, please refer to the relevant market sector brochures. All our brochures are available to download from our web site – alternatively, contact us on the number below.

Telephone +61 7 5463 9900
www.growgreen.com.au