

 **Advance**

PROMOTE

INCREASE FERTILISER UPTAKE + REDUCE FUNGAL DISEASE

**LIQUID PLANT
+ SOIL STIMULANT**



INCREASE UPTAKE OF APPLIED FERTILISER



Product Suitable for
ORGANIC FARMING

MICROSOIL
liquid fertiliser



- **14 Strains of Beneficial Microbes**
(including Bacillus & Pseudomonas – 340m CFU/ml)
- **VAM Fungi**
- **Humates + Fulvic and Amino Acids**
- **Trace Minerals and Kelp**
- **Plant Stimulants and Sugars**



PROMOTE

INCREASE FERTILISER UPTAKE & REDUCE FUNGAL DISEASE

PROMOTE'S unique liquid combination of 14 strains of beneficial microbes, plant stimulants and sugars has been independently proven in years of field trials to improve fertiliser availability and plant uptake, reduce fungal disease and increase yield.

Compatible with soluble fertilisers and most chemicals, Promote is ideally suited to a wide range of agricultural crops. Promote will compliment your current fertiliser program ensuring you get the most out of your inputs while maintaining soil health for future crops.



Promote



Control

Six years of R&D and successful field trials has been invested into the creation of Promote.

Manufacturing

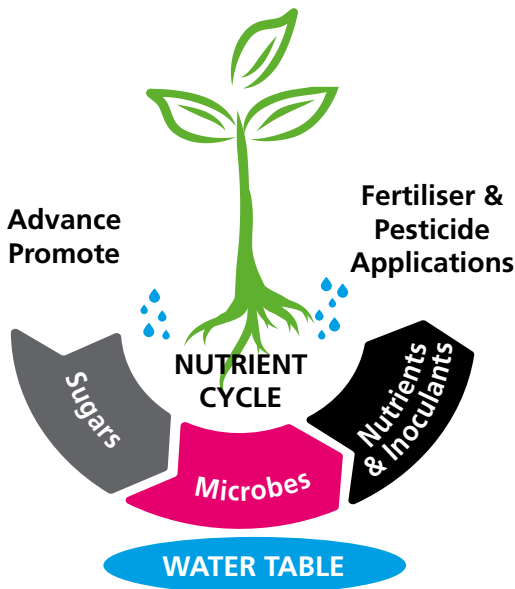
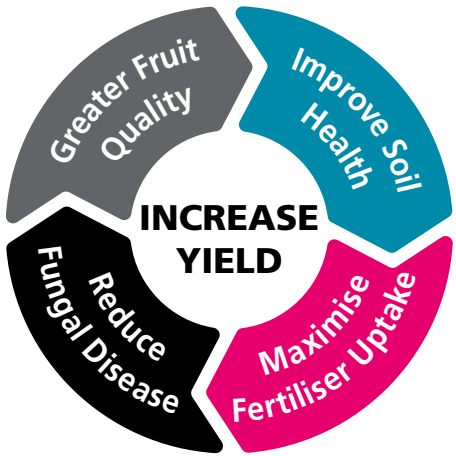
Promote is made from the highest quality ingredients available to produce a consistently effective product. The manufacturing process sees the biology undergoing a **Controlled Activation** with sugars in a regulated environment with respect to pH, temperature and oxygen levels. This process is vital in ensuring the optimal performance of the biological component of Promote in the field.

Plate counts from Charles Sturt University Laboratories confirm Promote to contain 340m CFU/ml.



BENEFICIAL MODES OF ACTION.

- Increase mineralisation and plant uptake of fertiliser
- Stimulate beneficial mycorrhizal fungi activity in the rootzone (VAM spores)
- Greater breakdown of soil organic material
- Increased root growth and plant vigour (Auxins, Cytokinins, Trace Minerals and Humates)
- Soil stable – Promote resists leaching in lighter soils
- Improve water use efficiency via enhanced root and mycorrhizal structures
- Biological strains scientifically proven to aid in the control of common plant diseases such as stripe rust, sclerotinia, powdery mildew, pythium, rhizoctonia, dollar spot, root rot etc (Lindbeck, Fernando et al 2005)
- Enhance soil health for future crops



Crops

Promote has been formulated to increase fertiliser uptake by plants while improving both soil and plant health.

Promote can also help to reduce the effect of common fungal diseases such as fusarium, pythium and rhizoctonia.

Promote is currently used in the following sectors:

- | | |
|-----------------------|----------------|
| ■ Horticulture | ■ Cotton, corn |
| ■ Broad acre cropping | ■ Pastures |
| ■ Viticulture | ■ Turf grass |

Replicated trials conducted in laboratories and the field have demonstrated the ability of Promote to increase yields and soil health.



Application Methods

- Liquid inject
- Plant hole drench
- Fertigation
- Foliar spray

Promote can be tank mixed with fertiliser and pesticides to help in plant uptake in key growth periods or times of fungal disease pressure.

Promote Application Rates

Method	L/HA	Timing	Ingredients
Fertigation	10 - 20	With fertiliser applications.	Beneficial Biology, Trace Minerals, Amino Acid, Humates, Kelp, Molasses, Mycorrhizal Fungi (VAM) pH: 4 - 5.5
Liquid Inject	10	At planting.	
Foliar	3 - 10	With pesticide applications.	

Contact

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MICROSOIL
liquid fertiliser

About Microsoil Australia.

Significant investment into Research & Development over the last 10 years has seen Microsoil deliver an extensive range of high quality products for agricultural production. The range of independently tested, innovative products includes:

- Liquid fertilisers
- Plant stress relief products
- Plant and soil stimulants
- Colour enhancement (red skin fruit)
- Crop protection products