

MP PROMOTE

PLANT GUARD + VAM + VM3

UNIQUE FEATURES

- Inoculates treated plants with beneficial VAM fungi (40,000 propagules per 10 L)
- Greater uptake of soil applied fertiliser - P, K, Fe, Zn
- Improved drought tolerance and water use efficiency
- Contains plant and root stimulants and trace minerals
- Highly concentrated, easy to apply
- Safe tank mixing with MP Superior Liquid Range
- Owned, developed and manufactured in Australia

SOIL APPLICATION

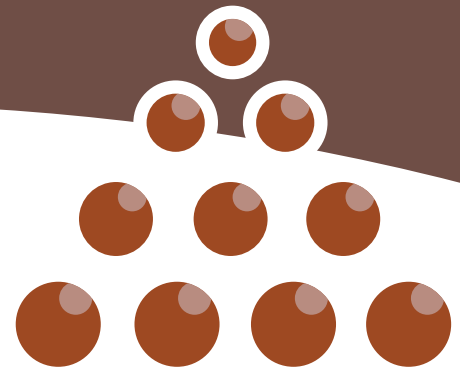
When applied as a drench or when lightly watered into the turf root zone, MP PROMOTE will provide turf with beneficial Vesicular Arbuscular Mycorrhizae (VAM) with Plant Guard, a scientifically balanced and activated proprietary blend of 14 species of bacillus, pseudomonas and yeast. When applied to soils, MP PROMOTE will increase the amount of active beneficial soil microbes to stimulate healthy root growth.

- Apply MP PROMOTE early spring to start the growing season with beneficial soil microbes.
- A second application early summer will pre-condition soil for the high seasonal stress of summer.
- Reapply MP PROMOTE in the autumn to keep the microbial balance in favour of the beneficial microbes.
- Applications of MP Superior Liquid fertilisers throughout the year will help to maintain healthy levels in the soil.

PRODUCT SPECIFICATIONS

Vesicular Arbuscular Mycorrhizae (VAM) – 40,000 propagules per 10 L.
Strains *Glomas intraradices*, *Glomas mosseae*, *Glomas aggregatum* and *Glomas clarum*.

Beneficial Biology (Plant Guard) – proprietary blend of 14 scientifically balanced and activated species of bacillus, pseudomonas and yeast.



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GENERAL INFORMATION

Plant Guard contains patented beneficial pro-biotic strains including pseudomonas and bacillus that can be effective in pre-conditioning plants to combat stressful conditions. Significant R&D and successful field trials have led to the creation of Plant Guard.

Vesicular Arbuscular Mycorrhizae (VAM) fungi are found in over 80% of plant species including grasses. VAM fungi produce hyphae that colonise plant roots and grow out into the soil alongside root hairs. The host plant provides VAM with carbohydrates (sugars). In return, the plant gains the benefits of the VAM's higher absorptive capacity for water and mineral nutrients due to its comparatively large surface area. This gives the plant access to a much larger volume of soil than the root system itself would have had access to. The end result is a very efficient mobilisation and uptake of fertilisers and other nutrients by plants, in particular - Phosphorus, Potassium, Zinc and Iron. VAM are especially beneficial for the plant partner in nutrient-poor soils.

MP PROMOTE contains VM3, a proprietary organic technology that enhances nutrient availability, longevity and compatibility for better turf performance. VM3 is a product of fermentation that incorporates several beneficial bacteria, trace minerals and plant stimulants.

MP PROMOTE - DIRECTIONS FOR USE

Situation	Rate	Repeat	Comments
<i>Soil application:</i> Greens, fairways and all sports and amenity turf	10 L/ha	Apply in early spring, early summer and autumn.	Apply in a minimum of 300 L/ha of water

Apply prior to applications of P fertiliser where possible to maximise spore uptake and establishment.