



# 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 MATCHPLAY Superior Liquid Range

## GENERAL INFORMATION

Plant Guard contains patented beneficial pro-biotic strains including pseudomonas and bacillus that can be effective in pre-conditioning plants to stress. Vesicular Arbuscular Mycorrhizae (VAM) fungi produce hyphae that colonise plant roots and function as an extension of the root system. This symbiotic relationship provides VAM with carbohydrates (sugars), and in return the host plant receives greater water and mineral nutrient uptake via the fungi's highly absorptive mycelial network. The result is a very efficient mobilisation and uptake of fertilisers and other mineral nutrients by plants, in particular - phosphorus, potassium, zinc, and iron. 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 such as aminos, kelps, fulvic and humic acids.

## USE PATTERNS

Applied as a drench or when lightly watered into the turf root zone, MP PROMOTE will provide turf with Vesicular Arbuscular Mycorrhizae (VAM) and beneficial biology (Plant Guard). MP PROMOTE will increase the amount of active beneficial soil microbes within the soil 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.

## APPLICATION RATES

### For landscape & ornamentals:

50 to 100 mL in 10L water (for seedling transplant use 1% solution by volume, eg. 10 mL/1L water)

## DIRECTIONS FOR USE

SITUATION	RATE	REPEAT	COMMENTS
Soil application: 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 fertiliser where possible to maximise spore uptake and establishment.