

# MP ROOTS

**5-5-3 + VM3 + VAM**

Available phosphorus for root development

## UNIQUE FEATURES

- Organic soil & plant enhancing liquid fertiliser with VAM organics
- High phosphorus formula with optimal pH to maximise leaf uptake of nutrients
- Aids root development and seed germination
- Clean liquid product that is easy to apply via boom spray
- Enhanced organics & stimulants package

## TECHNOLOGY

MP ROOTS® is an organic, biologically active liquid fertiliser which will enhance plant vigour and aid in the release of locked up nutrients in the soil. The combination of humates, kelp, VAM and natural plant nutrients provide many advantages which include:

- An increase in root mass and root hair activity
- Aids the recovery from environmental stresses
- High tolerance of plant parasitic nematodes due to an increase in root mass from the inclusion of kelp and natural seaweed products

## VM3 ORGANICS + VAM

MP ROOTS delivers freely available phosphorus to stimulate root growth and correct deficiency fast. MP ROOTS is formulated with VM3 organics and added VAM (Vesicular Arbuscular Mycorrhizas). VAM is a beneficial symbiotic fungi that can colonise up to 80% of the turf root mass.

The fungal hyphae produced by VAM grow out into the soil medium further than the root hairs themselves, enhancing access to ordinarily unavailable soil nutrient. VAM releases compounds that can dissolve elements susceptible in forming insoluble compounds such as phosphorus and trace elements. Numerous studies have also shown VAM to improve the plants ability to recover from water stress.

## USE PATTERNS

General rates for MP ROOTS are 10 to 40 L/ha in 150 to 500 L/ha of water and can be applied as a foliar or soil applied drench. MP ROOTS is ideal for turf establishment and renovation. Programmed applications in sand content profiles will assist in maintaining soil nutrients near the plant roots. Apply via boom spray, fertigation unit or fertispray.

## GUARANTEED ANALYSIS

<b>Nitrogen (N)</b>	4.9%
<b>Phosphorus (P)</b>	5.4%
<b>Potassium (K)</b>	2.6%

## APPLICATION RATES

### For turf:

10 to 40 L/ha of MP ROOTS in 150 to 500 L/ha

### For landscape & ornamentals:

100 to 200 mL in 10L water (for seedling transplant use 1% solution by volume, eg. 10 mL/1L water)