

MP ROOT ASSIST

LIQUID PLANT NUTRITION

ENHANCES SOIL & PLANT HEALTH

UNIQUE FEATURES

- » Inoculates treated plants with beneficial VAM fungi (70,000 propagules per Litre)
- » Enhances nutrient uptake efficiency for soil nutrients - P, K, Fe, Zn
- » Greater disease tolerance from soil borne fungal pathogens
- » Highly concentrated liquid for easy of handling and delivery
- » Added kelp concentrates for root stimulation
- » Enhanced shelf life with silica based spore guard silica based spore guard

TECHNOLOGY

MP ROOT ASSIST is a highly concentrated formula of Vesicular Arbuscular Mycorrhizas (VAM). VAM are beneficial symbiotic fungi that can colonize up to 80% of the turf root mass. The fungal hyphae that are produced grow out into the soil medium further than the root hairs themselves and results in greater nutrient access within the medium, as the hyphae carries ordinarily unavailable nutrient back to the plant. biologically active liquid fertiliser which will enhance plant vigour and aid in the release of locked up nutrients in the soil.

Once established the VAM network has the ability to store water and nutrient that can then be released to the plant on demand which the VAM then exchanges for sugars (a key VAM food course)

Advantages of VAM Fungi include:

- » Nutrient harvesting and P mobility
- » Water use efficiency
- » Disease and stress suppression

BENEFITS

- » Contains humates, Plant stimulants,
- » Kelp and Trace elements
- » Increases soil microbial activity

USE PATTERNS

General rates for MP ROOT ASSIST are 500mls/Ha in 300-500ltrs/Ha of water and can be applied as a Foliar or Soil applied as a drench. Ideally use higher rates of water or fertigation to wash product into root zone.

- » Irrigate immediately into the plant root zone
- » Can be mixed with wetting agent applications
- » Applications of MP Nourish, MP Reinforce, MP Roots or MP Refresh throughout the year will help to maintain healthy levels of VAM in the soil
- » Don't mix with liquid fertiliser applications as spores will remain dormant when soluble p levels are high

APPLICATION RATES

500mls of MP ROOT ASSIST in 300-500ltrs/Ha

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