



# MP VITALISE

**VM3 + Organics Acids + Traces**  
Stress recovery and growth stimulation

## UNIQUE FEATURES

- Increases nutrient availability in soil and foliage
- Improves heat and drought tolerance
- Strengthens turfgrass defense systems
- Enhances root growth and delayed senescence
- Reduces shock from transplant stress
- Contains beneficial biology for nutrient mineralisation

## TECHNOLOGY

MP VITALISE® is a specially formulated liquid organic complex to stimulate and support turf during stressful growth periods. It contains a high concentration of plant derived amino acids in combination with beneficial microbes, humic and fulvic acid, kelp and carbohydrates to boost soil biology, increase soil carbon, stimulate plant growth and break down organic matter.

## VM3 ORGANICS

MP VITALISE 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.

## USE PATTERNS

When applied in sufficient volume of water and allowed to remain in contact with foliage, MP VITALISE delivers biologically active plant extracts into the cells of leaf and stem tissue.

Substances including seaweed extracts, L-form amino acids (low molecular weight) and short chain humic acids act to increase cellular antioxidant levels, strengthen turfgrass defense systems, enhance chlorophyll production and subsequent photosynthetic efficiency.

When applied as a drench or when lightly watered into the turf root zone, MP VITALISE will act to increase the availability of bound up soil nutrients. Uptake via roots will impart some of the benefits which are more obvious from direct foliar application, however other soil benefits include stimulated microbial activity, increased respiration of turfgrass roots and improved general soil health.

## GUARANTEED ANALYSIS

<b>Nitrogen (N)</b>	2.7%
<b>Phosphorus (P)</b>	1%
<b>Potassium (K)</b>	1.7%

## APPLICATION RATES

### For turf:

20 L/ha of MP VITALISE for foliar application.

40 L/ha of MP VITALISE for soil drench application.

### For landscape & ornamentals:

100 to 150 mL in 10L water (for seedling transplant use 1% solution by volume, eg. 10 mL/1L water)