

# M-POWER - Microbial Inoculant

## Understanding M-Power

M-Power is a liquid microbial inoculant containing billions of beneficial bacteria and fungi. It restores diversity to soil life, improves the composting process, restores healthy biological activity to effluent ponds, improves the uptake of nutrients from fertiliser applications and improves soil and plant health.

It includes mycorrhizae or root fungi that substantially increase the reach of root systems allowing the plant to gain more nutrients and moisture from surrounding soil. Containing various species that promote plant health by competing with, suppressing, or eliminating plant pathogens.

Easily combined with other Fertilizer New Zealand Liquid applications to provide a complete nutrient package for the soil and the plant and the environment.



## **M-POWER Benefits**

1. Returns diversity to soil biota with more than 340 strains of beneficial microbes.
2. Good for the soil, the plant and the environment.
3. Deters pest insects like grasshoppers, moths, aphids, beetles and much more.

## Application rate

### Compost

100-200mls per cubic metre

Sprinkle or spray liberally over compost while turning

### Effluent Ponds

As recommended

May require initial dose and then maintenance dosing. Please refer to your consultant.

### Liquid Fertiliser Additive

1 Litre per 15-25 litres of liquid fertiliser (Actavize, Synerlogic, VerteSea or VerteBlack).

Mix Liquid fertiliser with recommended amount of water, then add M-Power and mix thoroughly.

### Trees, Shrubs, Lawns & Gardens

Mix 1 litre of M-Power to 20-25 litres of water.

Spray to dripping point over plant and around base.

Avoid applying in the heat of the day.

## ACTAVIZE - Ideally applied with M-Power

### 3 WAYS ACTAVIZE WILL HELP YOUR FARM

#### 1. Increased Yield

Actavize balances the nutrient status of the plant, allowing crops to realise their full potential.

#### 2. No Leaching

Actavize contains stickers to ensure that the product where sprayed stays and doesn't leach. Actavize feeds the soil environment, is non-toxic and not harmful to beneficial insects, birds or livestock.

#### 3. Nutrients Rapidly Available

As Actavize is applied as a foliar spray, the nutrients are rapidly available to the plant through the foliage with the suspended solids being available to the plant root system.

#### Nutrient Analysis

Synerlogic with all its individual components is a product based on natural blood and bone with a range of proteins, amino acids, micro and macro minerals and vitamins.

N	Nitrogen	8%
P	Phosphorus	3%
K	Potassium	6%
Ca	Calcium	0.9%
Mg	Magnesium	0.13%
S	Sulphur	2%
Cu	Copper	94 ppm
Co	Cobalt	16 ppm
Zn	Zinc	115 ppm
Se	Selenium	>0.28 ppm
Fe	Iron	610 ppm
Mo	Molybdenum	119 ppm
B	Boron	160 ppm
Mn	Manganese	70 ppm
I	Iodine	0.14 ppm

Specific Gravity: 1.3



#### Good for the Soil, the Plant and the Environment

- Does not leach or contaminate waterways.
- Improved clover regeneration, and higher pasture brix levels.
- Stimulates nature's own soil processes, promoting vigorous healthy plant growth.
- Cleaner pastures with less litter, healthy productive stock with less metabolic problems.
- Improved pasture mineral content, dry matter per hectare and metabolisable energy.

Available in 1000 litre pods, 200 litres, 20 litres, 5 litres

To talk to our fertiliser experts call 0800 337 869

To find out more visit [www.fertnz.co.nz](http://www.fertnz.co.nz)