

Improving Your Soil Structure

VitaLife's range of bacteria-based growth enhancers have been trialled extensively in Australia and South East Asia. The results show significant improvement in both productivity and plant disease resistance.



How VitaLife Works

VitaLife both restores the soil while at the same time protecting against harmful elements.

The net result is improved plant growth. The ingredients in **VitaLife** are the key:

- ✓ **Fungi:** our beneficial fungi controls pathogens by directly attaching parasites that compete for nutrients and space.
- ✓ **Microbes:** we add a tested range of working bacteria-based plant growth enhancers that are proven to control plant pathogens.
- ✓ **Targeted bacteria:** We can also add selected strains of bacteria to control grass grub.
- ✓ **Magnesium:** is a powerful soil conditioner but we also add organic matter to enhance the natural organic cycle even more.



Your Ground Force

VitaLife products are carefully designed to restore tired and deficient soils back to good health. The majority of agricultural soils are fungi-deficient. That results in low brix levels, low calcium and phosphate levels in leaves, reduced disease-resistance and poor calcium retention.

VitaLife helps by increasing the development of humus – the organic 'glue' in the soil. It's formed by beneficial fungi and bacteria that break down organic matter, and alongside earthworms, decompose the surface litter to provide rapid humus development. The more humus in the soil, the more nutrients are stored and available for plants. You also improve drainage and moisture retention.

What's in VitaLife?

- ✓ Beneficial fungi
- ✓ Fully tested and trialed Microbes
- ✓ Nitrogen-fixing bacteria
- ✓ Magnesium
- ✓ Calcium
- ✓ Organic matter carefully selected to be an excellent medium for beneficial fungi and microbes
- ✓ Bacteria to help fight grass grub can be added.

Fertilizer New Zealand has a full range of BioGro Certified Products Including: BioGest for septic tanks, Digester for oxidation ponds, Ecoloo for toilets, RPR fertiliser, VitaGest, VerteSea, VerteBlack and VitaPond for ponds, VerteFert fertiliser.

To talk to our fertiliser experts call 0800 337 869
To find out more visit www.fertnz.co.nz

VitaLife – which option suits your needs?

VitaLife Magnesium

A unique combination of:

Magnesium + Calcium + Organic Matter + Beneficial Fungi

The Calcium/Magnesium ratio in the soil largely determines oxygen availability. More oxygen means more beneficial soil microbes as most are aerobic.

VitaLife Magnesium provides natural forms of Calcium and Magnesium in the perfect ratio for consistent plant uptake. Increasing the levels of magnesium in clovers and grasses also helps to reduce calcium/magnesium related metabolic disorders in lactating animals.

The Results

- ✓ More oxygen in your soil
- ✓ Stronger, more disease-resistant plants.
- ✓ Faster humus build up
- ✓ Soil that stores more nutrients and moisture
- ✓ More microbial activity
- ✓ Increased stock health
- ✓ More efficient use of phosphorus



VitaLife Calcium

A proven combination of:

Calcium + Organic Matter + Beneficial Fungi

Calcium(Lime) is the most important soil nutrient. It governs the uptake of other nutrients, including oxygen, needed for healthy soil.

The fungi added to VitaLife Calcium makes it easier for the soil to retain Calcium and makes it more available for uptake.



Technical Notes

VitaLife Magnesium: Ca 23% Mg 11%

VitaLife Calcium: Ca 30%

Application Rates: The rate of application should be 250-750kg/ha. Because the added microbes in VitaLife markedly increase the rate at which Calcium and Magnesium becomes plant available, the recommended rate should not be exceeded in any one application.