

## Vitaphos

ENVIRONMENTALLY FRIENDLY & STABLE

N	P	K	S	Ca
0	9	0	10	29



**Vitaphos** is a unique mix of RPR , Sulphur and a blend of beneficial bacteria and fungi to give enhanced soil health and plant performance.

**Vitaphos** supplies large amounts of the nutrients; P, S and Ca and millions of live bacteria to stimulate microbial and worm activity in the soil along with the beneficial Fungi, which extend the root mass of plants increasing uptake of things like P, Zinc and water.

Our RPR has a citric solubility of around 45%. Essentially a supplier of phosphorus, RPR releases both calcium and phosphorus to the soil at a rate determined by the

natural activity of worms and microbes. Containing significant quantities of calcium, RPR also contains trace minerals that enhance life both above and below the ground. As a result of increased biological activity plants grown are stronger and less prone to attack and damage by flea, weevil, or any other predator. In the case of clover this means more nitrogen fixed naturally. Given the extensive trial work conducted by MAF here in New Zealand growers can confidently switch from conventional suppliers of phosphorus to RPR. Where sulphur is a requirement, sulphur (equally as effective and often more efficient) can be added to ensure maximum dry matter performance.

**Vitaphos** stimulates the Rapid Organic Cycle in the soil

releasing plant available nutrients. Bacteria alone are credited with releasing 67% of annual plant food in a healthy NZ soil. Nitrogen, Potash, extra Sulphur and trace elements can be added to your individual requirements. Every tonne of Vitaphos has approximately ½ tonne of liming value.



# Vitaphos

RPR, Sulphur & Carbon Mix

## A balancing act - naturally

Before we tackle a problem, it's often best to step back and look at the bigger picture. If we can understand the whole issue – its symptoms, causes and possible solutions – we're usually better placed than if we concentrate solely on the problem.

Agriculture works with things of nature...with natural systems...even a tiny cell is more complex than any man-made machine.

## Microbes out front in the soil balance

One of the secrets to Fertilizer New Zealand Ltd is our access to special microbes that are renowned internationally for their ability to bring added value to soil. By judicious use of these fungi, phosphate in the soil can be used more efficiently, less nitrogen fertiliser needs to be used – and, all the time, production is maintained.

While several million microbes live in the soil, even more - up to 100 times more, in fact - live near and in the roots of plants. These microbes give phosphate to roots and, in return, receive carbon dioxide. In other words, they do naturally what nitrogen fertiliser is intended to do. Our entire existence depends on these unseen earthlings.



## Application Rate

The rate of application for Vitaphos should be: 250—500kg

## Vitaphos also available in

Vitaphos 10% & Vitaphos 20%

For more information on these editorials please visit:

[www.fertnz.co.nz](http://www.fertnz.co.nz)  
or phone 0800 337 869

**Fertilizer New Zealand has a full range of conventional and BioGro Certified Products. Some solid and liquid products are:** BioGest for septic tanks, RPR fertilisers, VitaLife, VitaGest, VerteSea, VerteBlack, Actavize and Synerlogic fertiliser.

To talk to our fertiliser experts call 0800 337 869  
To find out more visit [www.fertnz.co.nz](http://www.fertnz.co.nz)