

## Eco-Prime PhosPot

For Pasture, Orchards, Vegetables

- P, K and Trace fertiliser
- Long lasting - controlled release
- Strong root development
- Can be used on Sodic soils
- Suits low & high PBI soils
- Prilled for ease of application



Available in 25Kg, 1ton bulka bags & Bulk loads

N%	P%	K%	C%	Ca%	Mg%	S%	Si%	Fe%	Cu ppm	Zn ppm	Mn ppm	B ppm	Co ppm	Mo ppm	Se ppm
0.2	9.8	6.0	0.2	18.8	0.7	3.7	20	1.6	350	543	1575	44	88	9	11

Eco-Prime PhosPot is a BFA registered prilled Soft-Rock Phosphate and Potash fertiliser, impregnated with beneficial biology.

Phosphorus availability and speed of delivery is increased through the utilization of colloidal soft rock phosphate, which is ground to a fine powder, then reconstituted into a prill inoculated with beneficial microbes; including phosphorus solubalisers *Bacillus megaterium*, mobilisers *VAM spp* and plant Phytohormone producers that help stimulate root growth.

Bio-phosphate is typically not bound by high Phosphorus Buffering Index (PBI) soils, resulting in increased phosphorus availability with continued use.

Pasture non-irrigated  
irrigated

90-150Kg/Ha  
150-250Kg/Ha  
500g/tree

Orchard red apples

superior  
fertilisers



Eco-Prime PhosPot is suited to application through standard super spreaders, ensure product is kept dry.





## Eco-Prime Biotechnology - *Creating Living Soil*

Probiotic (beneficial) soil microbe strains have been incorporated in the prilling (granulating) process, and are designed to dissolve the fine rock minerals into the BIOLOGICALLY AVAILABLE minerals that can then be used by plants as they require. Adding these probiotic soil microbes also inoculates the soil with other beneficial microbes (soil structure builders, decomposers, nutrient builders, nitrogen fixers, protectors, and plant growth hormone producers). Micro-organisms select what they need to make the compounds of life (and in a form that are BIO-AVAILABLE), and reject the waste that is not needed. Micro organisms also control what goes into the plant roots. These controls are TURNED OFF when the soil is made more acid or excessive chemicals are added.

### Some of the Microbe Strains include:

- Azotobacter:** Produce nitrogen, vitamins and plant growth hormones. *Azotobacter spp.*
- Azospirillum:** Free living nitrogen fixers-converting atmosphere nitrogen in the soil
- Bacilli:** Such as Lactic acid bacteria, help with soil condition structure *Bacillus subtilis*, also phosphorus solubilisation *Bacillus Megaterium*
- Cellulosic Fungi:** Decomposers of organic matter (cellulose) turning stubble into organic carbon. *Chaetomium spp.*
- Mycorrhiza:** Nutrient converters and actively source phosphorus from the soil. Vesicular Arbuscular Mycorrhiza *spp (Glomus intraradices)*
- Pseudomonas:** Bacteria that populate the soil and root zone, aid with plant hormone production *Pseudomonas spp.*
- Rhizobium:** Legume nitrogen fixers.
- Streptomyces:** Bacteria that produce metabolites that help plants grow.
- Trichoderma:** Plant metabolite and hormone producer. *Trichoderma spp.*

*Included in all Eco-Prime Granular Fertilisers, including:*

*Eco-Prime NPK Blue, Purple, Red, Natural PK, Soft Rock Bio-Phosphate, Pasture PK, Pasture NPK*

Addition of the above microbe strains, aids the function of the fertiliser and is intended to kick start soil processes. However many factors (including temperature, moisture levels, chemical residues, shelf life etc.) effect microbial activity. For this reason the above biology is intended only as a tool to aid seed and begin biological processes. The success of this will depend on the above factors and general soil health conditions. Eco-Growth and Superior Fertilisers cannot guarantee complete survival or response from any microbe included in our process, however every care is taken to ensure consistency and survival.