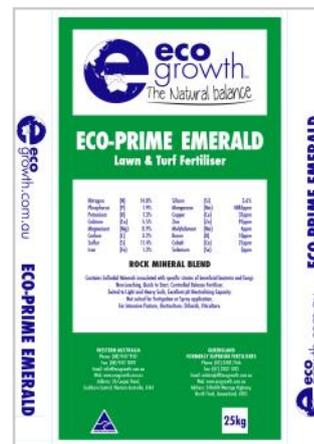




# Eco-Prime Emerald - Lawn Fertiliser

For Commercial Turf, Fairways, Parks & Gardens

- Low-maintenance
- Long lasting colour
- Tightly knitted surface
- Strong root development
- Hard wearing



Available in 25Kg, 1ton bulka bags

	N%	P%	K%	C%	Ca%	Mg%	S%	Si%	Fe%	Cu ppm	Zn ppm	Mn ppm	B ppm	Co ppm	Mo ppm
Standard 2-4 mm	14.8	1.9	7.3	3.2	5.5	0.9	11.4	3.6	1.2	37	97	4885	10	21	4
Mini Prill 1-2 mm	16	2.6	7.4	4.7	8.2	1.3	4	5.4	1.5	56	146	4853	15	31	5

Eco-Prime Emerald Lawn Fertiliser is a complete rock mineral NPK fertiliser impregnated with beneficial microbes. “Emerald” is designed to enhance lawn surfaces by providing balanced nutrition and strong root growth.

Colour is enriched in the leaf surface by increasing photosynthesis through trace balance and controlled macro release.

Root stimulation is achieved through a combination of natural ingredients such as mineral based NPK, Humates and beneficial biology including Mycohrizal fungi.

Commercial Turf	350Kg/Ha	=51.8Kg/Ha Nitrogen
	250Kg/Ha	=37 Kg/Ha Nitrogen
Home Lawn	30g/sqm	

Though not likely to burn grass, Fertiliser should be washed in at first opportunity. Safe for use on soft leaf buffalo lawns. Spreading is recommended at 5m spacing's. Fertiliser may burn broad leaf plants such as clover, avoid leaving on leaf to prevent broad leaf burn.





## 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.