



**eco growth**  
Fertiliser for Life



# TURF FERTILISERS

## Complete turf nutrition solutions

### OUR RANGE INCLUDES:

- Biologically activated, complete analysis rock mineral NPK granular fertilisers
- High analysis NPK liquids (with full trace) for foliar spraying and application via fertigation, and
- Liquid wetting agents, biological stimulants and humic soil amendments.

Eco Growth's premium turf fertilisers have been specifically formulated to enhance lawn surfaces by providing balanced nutrition and promoting strong development of roots.

When used in conjunction, these products work to stimulate soil biological functioning, improve water infiltration and retention, increase cation/anion exchange, and enhance mineralisation and nutrient uptake.

Turf colour is enriched by increasing photosynthesis through trace balance and controlled macro release, and root stimulation is achieved through a combination of natural mineral-based sources of phosphorus and potassium, humates and our Eco Advance® premium biology – that includes beneficial mycorrhizal fungi.

The end result is a resilient, hard wearing, tightly knitted turf that holds colour for extended periods and maintains a consistent surface across a wide range of field conditions.

### PRE-PLANT / INITIAL SOIL PREPARATION

PRODUCT	RATE
Eco-Prime® Red	200-250 kg/ha
Humus 400	250-300 kg/ha
Eco-Wet®	15-20L/ha

### RENOVATION (COMMERCIAL)

PRODUCT	RATE	FREQUENCY
Eco-Prime® Red	350 kg/ha	Initial application after harvest
Express® NK + TE	As required for additional nitrogen and trace elements	
Eco Vital®	5-10 L /ha	Every 2-4 weeks
Eco Prime® Emerald (Standard Prill)	350 kg/ha 250 kg/ha	Primary growth phase To finish

### MAINTENANCE (COMMERCIAL)

PRODUCT	RATE	FREQUENCY
Eco-Prime® Emerald (Standard Prill)	250-350 kg/ha	Every 6-8 weeks
Rate and frequency should be varied between active and passive turf areas.		
Eco-Prime® Emerald (Mini Prill)	250 kg/ha	Every 5-6 Weeks
Eco-Vital®	5-10 L /ha	Every 2-4 weeks
Eco-Humate	10L/ha	Every 8 weeks
Express® Liquid Range		As required

Note: General recommended application rate for Emerald (Standard Prill) for residential lawns is 25-35g/m<sup>2</sup> every 6-8 weeks.

Eco Growth is Australia's leading manufacturer of biologically activated fertilisers

**Eco Growth International Pty Ltd**

Western Australia: 75 Postans Rd, Hope Valley, WA 6165 | ☎ (08) 9417 9101 | ✉ adminwa@ecogrowth.com.au  
Queensland: 540-604 Warrego Hwy, North Tivoli, QLD 4305 | ☎ (07) 3282 7166 | ✉ adminqld@ecogrowth.com.au

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## FEED THE SOIL TO FEED THE PLANT

Nutrition is not just about analysis, but nutrient availability. Eco Advance® makes the connection between fertiliser, soil and plant in a powerful symbiotic relationship. Eco Advance® is a specially formulated blend of targeted microbiology that improves nutrient availability, soil structure, increased resistance and buffering capacity along with many other soil and plant benefits.

### Eco Advance® contains the following microbes:

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

## ECO GROWTH CUSTOM BLENDS SPECIFIC FOR YOUR CROP AND SOIL

Eco Growth have the unique ability to produce bulk custom blends of biologically activated granular fertilisers specifically for your soil.

By conducting paddock-specific soil tests and providing current agronomic advice, a single custom blend can meet most crop nutrient requirements while saving you time and money. The majority of our base ingredients are sourced locally and custom blends are available in 25kg bags, 1 tonne bulka bags or bulk loads.

Eco Growth fertilisers address the increasing imbalances in both soil and plant by manufacturing a range of balanced fertilisers that have a solid base of NPK, silicate, calcium and trace elements enhanced with the addition of Eco Advance® premium biology.

## Ordering your blend is as easy as 1, 2, 3

1

Our trained nutritional specialists discuss your crop needs & analyse your soil/leaf test results


2

Our specialists design and price your custom blend


3

We manufacture and dispatch your custom blend fertiliser

## BIO ACTIVATED ROCK MINERAL GRANULAR FERTILISERS

Product (%w/w)	%N	%P	%K	%S	%Ca	%Mg	%Fe	%Si	%C	Zn ppm	Mn ppm	Cu ppm	Mo ppm	B ppm	Co ppm	Se ppm
 <b>ALL NATURAL RANGE - AUSTRALIAN ORGANIC APPROVED</b>																
<b>Humus 400</b>	0.6	0.4	0.1	2.7	0.2	0.8	1.3		58	176			143			
<b>BALANCED FERTILISERS SUITABLE FOR HORTICULTURE, BROADACRE, VITICULTURE AND PASTURE</b>																
<b>Eco-Prime® Red</b>	6.5	8.7	8.2	7.1	9	0.6	1	7.5	3.5	410	2030	150	6	18	38	3
<b>BALANCED FERTILISERS FOR TURF</b>																
<b>Eco-Prime® Emerald</b>	15.1	0.9	7.1	11.7	5.5	1	0.8	3.8	2.1	98	4875	56	5	8	3	1
<b>Eco-Prime® Emerald Mini Prill 1-2mm</b>	16	2.4	7.3	4.7	8.2	1.4	1.1	3.2	5.7	294	4994	84	3	13	21	2

## COMMERCIAL STRENGTH LIQUID FERTILISERS

Product (%w/v)	%N	%P	%K	%S	%Ca	%Mg	%Fe	%Si	%C	Zn ppm	Mn ppm	Cu ppm	Mo ppm	B ppm	Co ppm	% HUMIC ACID	% FULVIC ACID
 <b>ALL NATURAL RANGE - AUSTRALIAN ORGANIC APPROVED</b>																	
<b>Eco Vital®</b>	2	0.6	0.4		0.5	0.2	0.07			750	704	730	1	34	8		
<b>Eco Humate</b>			2.2						5.5								12.2
<b>LIQUID FERTILISERS AND SOIL AMENDMENTS (%W/V)</b>																	
<b>Express® NPK</b>	16	7	16	1.9		0.1	0.04			261	438	250	39	102	21		
<b>Express® PK</b>		13	30	0.2		0.1	0.04			261	438	250	39	102	21		
<b>Express® TE</b>	3			4.8		1.5	1.8		1.3	12000	15000	6100	320	6300	210		
<b>Eco Wet®</b>	A fast acting wetting agent which contains natural polymers																

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