

**eco growth**  
Fertiliser for Life



# SF AVO

## Balanced fertiliser designed specifically for avocados

### KEY BENEFITS:

- Designed to combat bi-annual bearing
- Maintain size with increased yield
- Encourage strong, healthy trees
- Safe to apply during flowering and fruit set
- Builds soil biology & strengthens roots
- Suits most spreader types
- Biologically Activated

Developed from over 20 years of infield use, SF Avo has been specifically created for the Avocado industry as it boasts a high analysis, yet is safe to use through delicate parts of the season such as flowering and fruit set. SF Avo provides a very simple one-step complete nutritional benefit, including Nitrogen – without causing tree or soil imbalances.

Matching nutrition to your crop's needs all season is the key to happier, healthier trees. Reduce fruit drop and maximise size, consistency and yield with a complete balance of key nutrients (not just Nitrogen) with SF Avo.

Silicates harden roots and this element is supplied through SF Avo (which is a Silicate mineral fertiliser). It is possible to harden avocados against root damage, especially in the presence of subsoil Aluminium.

### TYPICAL ANALYSIS

#### SF Avo (7-4-13-8)

	w/w%		w/w%
<b>Nitrogen (N)</b>		<b>Calcium (Ca)</b>	
N as ammonium	2.2%	Ca as carbonate	1.3%
N as urea	4.9%	Ca as sulphate	0.9%
N as mineral complex	0.1%	Ca as phosphate	4.1%
N Total	7.2%	Ca as mineral complex	0.9%
<b>Phosphorous (P)</b>		Ca Total	7.2%
P as water soluble	2.0%	<b>Silicon (Si)</b> as silicate complex	2.8%
P as citrate soluble	1.2%	<b>Carbon (C)</b> as complex	5.0%
P as citrate insoluble	1.9%	<b>Iron (Fe)</b> as mineral complex	0.60%
P Total	4.1%	<b>Zinc (Zn)</b>	
<b>Potassium (K)</b>		Zn as sulphate	0.52%
K as sulphate	12.5%	Zn as mineral complex	0.02%
K as mineral complex	0.3%	Zn Total	0.54%
K Total	12.8%	<b>Boron (B)</b>	
<b>Sulphur (S)</b>		B as mineral complex	0.01%
S as sulphate	7.7%	B as oxide	0.36%
S as mineral complex	0.7%	B Total	0.37%
S Total	8.4%	<b>Manganese (Mn)</b> as mineral complex	0.03%
<b>Magnesium (Mg)</b>		<b>Copper (Cu)</b> as mineral complex	0.007%
Mg as oxide	3.0%		
Mg as mineral complex	0.3%		
Mg Total	3.3%		

### CROP/PLANT TYPE

### RATE

### TIMING

Avocado trees	30g/m2 of shade cover 150-200g/tree (up to 600g/tree)	Varies depending on size & age of tree and crop load at flowering.
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AVAILABLE IN 25KG & 500KG/1 TONNE BULKA BAGS | FOR ALTERNATIVE USES OR APPLICATIONS PLEASE CONTACT YOUR ECO GROWTH® NUTRITIONAL EXPERT.

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

**Eco Growth International Pty Ltd**

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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> (Glomus intraradices).
<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

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>Eco-Prime® Natural (SF12)</b>	0.2	5.4	0.5	2.3	19.5	0.8	1.6	7.5	13.5	240	820	200	7	30	20	4
<b>Eco-Prime® Natural (SF12) + K</b>	0.2	4.9	2.5	3.1	18.5	0.8	1.5	6.7	12.8	228	779	190	7	29	19	4
<b>Eco-Prime® Soft Rock Phosphate</b>	0.2	11.2	1	1.6	21.5	0.8	1.9	21.5	0.2	800	1800	450	12	45	100	12
<b>Eco-Prime® PhosPot</b>	0.17	9.8	6.12	3.7	18.8	0.7	1.6	18.8	0.2	543	1575	350	9	40	85	10
<b>BALANCED FERTILISERS SUITABLE FOR HORTICULTURE, BROADACRE, VITICULTURE AND PASTURE</b>																
<b>SF 14 Ultimate</b>	8.3	10.1	10.2	4.6	10.6	0.3	1.1	11.5	0.2	325	750	140	4	23	18	7
<b>Eco-Prime® Blue (SF30)</b>	5.2	5.3	5.3	3.8	14	0.6	1.2	5	9.7	144	504	72	4	14	22	2
<b>Eco-Prime® Purple (SF35)</b>	10.5	4.2	12.1	4.6	10.3	0.4	0.8	3.7	7.2	106	370	53	4	64	10	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>Express Si Potash</b>			9.3					15.3									5.4
<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 NK + TE</b>	23	1.8	4.5	1.9		0.1	0.04			261	438	250	39	102	21		

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