

Product Guide

SAFE FERTILISERS



- ✓ Promotes growth
- ✓ Increases sugar production
- ✓ Reduction in lodging and improved senescence
- ✓ Increased root development
- ✓ Speeds up conversion of nitrogen into protein
- ✓ Increases tolerance to stresses
- ✓ Stimulates microbes to release nature's store
- ✓ Increases water retention capacity
- ✓ Makes soil less erosion prone

www.safefertilisers.com.au



Fertilisers

- Spreader Blends
- Mineral Blends
- Supa Blends
- Custom Blends

Liquid Fertiliser

- Foliar Applications
- Water Applications
- Soil Applications

Conditioners

- Soil
- Organic
- Conventional

Feed Supplements

- Cattle
- Horses
- Sheep
- Goats
- Pigs
- Chickens

Services

- Soil Assessment
- Soil & Crop Study
- Research Laboratory
- Farmer Technical Assistance
- Animal Product Analysis
- Agricultural Advice








Special Custom Blends



Alroc Mineral Fertilisers, providing the perfect food for plants while building a correct soil structure for future growth.



Mineral Fertilisers

			Nitrogen	Phosphorous	Potassium	Sulphur	Calcium	Magnesium	Iron	Manganese	Boron	Copper	Zinc	Cobalt	Molybdenum	Selenium	Bentonite	Carbon	Silicates
			N	P	K	S	Ca	Mg	Fe	Mn	B	Cu	Zn	Co	Mo	Se	Ben	C	Si
	No 1 Mix	Basalt, Granite, Dolomite, Bentonite, organically prilled with 10% Coal Fines.	-	1200 ppm	7500 ppm	70 ppm	5.3%	3.7%	3.2%	900 ppm	7 ppm	20 ppm	80 ppm	30 ppm	1 ppm	5 ppm	10%	8%	2%
	No 2 Mix	Basalt, Granite, Lime, Bentonite, organically prilled with 10% Coal Fines.	-	1200 ppm	7500 ppm	50 ppm	7%	2.9%	3.2%	900 ppm	7 ppm	20 ppm	80 ppm	30 ppm	1 ppm	5 ppm	10%	8%	2%
	No 3 Mix	Alroc No.1 Mix with a total of 20% Coal Fines, organically prilled.	2800 ppm	960 ppm	6000 ppm	1350 ppm	4.2%	2.9%	2.5%	720 ppm	5 ppm	16 ppm	64 ppm	24 ppm	1 ppm	4 ppm	10%	16%	2%
	Extraphos	Rock Phosphate blended with Alroc No 1 Mix, organically prilled.	-	1.4%	7000 ppm	1500 ppm	8.2%	3.5%	2.7%	800 ppm	10 ppm	20 ppm	70 ppm	20 ppm	2 ppm	5 ppm	10%	7.2%	2%
	Extraphos & Potash	Sulphate of Potash blended with Alroc Extraphos, organically prilled. Also available in 2.5kg bag.	-	1.4%	2.9%	9500 ppm	8.2%	3.5%	2.7%	800 ppm	10 ppm	20 ppm	70 ppm	20 ppm	2 ppm	5 ppm	9%	6.8%	1.8%
	Phoscarb	Rock Phosphate and Coal Fines organically prilled.	6000 ppm	3.5%	5490 ppm	8920 ppm	10.5%	1.04%	2300 ppm	80 ppm	72 ppm	125 ppm	380 ppm	5 ppm	25 ppm	1 ppm	15%	22%	3%
	Micro-Carb	Bio Coal Fines organically prilled with trace elements. Excellent for soils with low carbon levels, eg sandy soils.	1.2%	2500 ppm	6500 ppm	5200 ppm	3.47%	1.2%	1.4%	104 ppm	74 ppm	125 ppm	350 ppm	1 ppm	25 ppm	1 ppm	10%	60%	2%
	Granular Lime	Natural limestone extracted with precision and finely ground. Uniquely prilled and screened for ease of use in conditioning soil.					39												
	Granular Dolomite	Natural Dolomite extracted with precision and finely ground. Uniquely prilled and screened for ease of use in conditioning soil.					24	18											
	Granular Gypsum	Natural Gypsum extracted with precision and finely ground. Uniquely prilled and screened for ease of use in conditioning soil.				18	22												









Supablends

		N	P	K	S	Ca	Mg	Fe	Mn	B	Cu	Zn	Co	Mo	Se	Ben	C	Si
Single Supablend	30% Superphosphate prilled with 70% Alroc No1 Mix and added trace minerals.	-	2.72%	5250 ppm	3.33%	9.71%	2.59%	2.24%	630 ppm	77 ppm	139 ppm	406 ppm	21 ppm	20 ppm	5 ppm	7%	5.6%	1.5%
MAP Supablend	30% MAP prilled with 70% Alroc No 1 Mix and added trace minerals.	3%	6.65%	5250 ppm	6790 ppm	3.71%	2.59%	2.24%	630 ppm	77 ppm	139 ppm	406 ppm	21 ppm	20 ppm	5 ppm	7%	5.6%	1.5%
DAP Supablend	30% DAP prilled with 70% Alroc No 1 Mix and added trace minerals.	5.4%	6.08%	5250 ppm	6790 ppm	3.71%	2.59%	2.24%	630 ppm	77 ppm	139 ppm	406 ppm	21 ppm	20 ppm	5 ppm	7%	5.6%	1.5%
NPK Supablend	35% artificial fertiliser, 50% Alroc Extraphos and 15% rock potash prilled with added trace minerals.	8.7%	4.7%	6.57%	3.73%	4.1%	1.75%	1.35%	400 ppm	75 ppm	135 ppm	385 ppm	10 ppm	20 ppm	3 ppm	5%	4%	1%
NPK 15:3:8	A unique blend with a balance of both natural and chemical fertilisers. Proven in horticulture and agriculture applications.	15.1%	3%	8.2%	5%	5%	1%	1%	240 ppm	22 ppm	16 ppm	60 ppm	10 ppm	12 ppm	3 ppm	5%	5%	-
Supa-Activ Phosphate	An ingenious super-activated rock phosphate blend with a high analysis and excellent availability. Suitable for most soil conditions and crop types.	3.28%	7.97%	800 ppm	1.89%	14.64%	5710 ppm	1875 ppm	80 ppm	72 ppm	125 ppm	365 ppm	5 ppm	25 ppm	1 ppm	-	16.45%	-



Liquid Foliar Fertiliser Blends








		Nitrogen	Phosphorous	Potassium	Sulphur	Calcium	Magnesium	Iron	Manganese	Boron	Copper	Zinc	Sodium	Carbon	Humates
		N	P	K	S	Ca	Mg	Fe	Mn	B	Cu	Zn	-	C	H
 Activ - 8	Organic based, designed to assist plants to tolerate environmental stresses and to increase resistance to pests, wilt, mildew and fungi. Promotes plant growth and improves sugar levels.	0.9%	-	1.35%	-	-	-	-	-	-	-	-	-	-	6.5%
N-Rich	An organic based foliar fertiliser enriched with nitrogen, formulated to provide nutrition and plant health for a variety of agricultural uses.	18%	2%	2%	-	-	-	-	-	-	-	-	-	-	1.25%
 Vital K Blast	K BLAST is a plant's dream when lacking potassium. Low levels of potassium decrease plant yields. In a wide range of crops potassium assists nitrogen and proteins in fruit development and flavour.	8.01% w/v	0.43% w/v	11.5% w/v	718 w/v	1429 mg/L	905 mg/L	33.55 mg/L	11.2 mg/L	-	0.61 mg/L	15 mg/L	912 mg/L	8.33% w/v	-
 Vital Phos	Liquid Phosphorus Fertiliser is designed to build strong roots and plant structure. Nitrogen is a protein builder while phosphorus stimulates early growth, root formation and hastens maturity.	2.82% w/v	5.25% w/v	1% w/v	1531 mg/L	2069 mg/L	1406 mg/L	50.1 mg/L	18.03 mg/L	-	0.92 mg/L	11.2 mg/L	426 mg/L	6.95% w/v	-
 Vital Calcium	Vital Calcium with added nitrogen and boron, combined with bio-nutrient elements aids plants in cell development. All plants benefit from available nutrient chelated with natural plant sugars.	2.73% w/v	653 mg/l	0.42% w/v	468 mg/L	3.77% w/v	637 mg/L	20.7 mg/L	7.09 mg/L	2.78 mg/L	0.52 mg/L	10.44 mg/L	295 mg/L	4.19% w/v	-
 Vital Mix	A liquid fertiliser with multiple nutrient balance to give deficient plants a boost. Vital Mix gives hungry crops a full nutrient top up in a balanced chelated form.	6.48% w/v	0.54% w/v	2.38% w/v	1669 mg/L	1044 mg/L	518 mg/L	15.06 mg/L	6.48 mg/L	1.1 mg/L	0.28 mg/L	59.1 mg/L	586 mg/L	8.33% w/v	-

 Liquid Lime	Ultra fine Liquid Lime immediately provides the availability of high analysis calcium replenishment. The Liquid Lime is 70% w/v ultra-fine 2 micron particle size.
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Calcium




27% gms w/v
Calcium Carbonate



Combats Lodging	Spray Application	Root Strength	Colour Increases	Resists Mildews	Skin Strength	Health
						



 <h1>Enviro Blends</h1>			Nitrogen	Phosphorous	Potassium	Sulphur	Calcium	Magnesium	Iron	Manganese	Boron	Copper	Zinc	Cobalt	Molybdenum	Selenium	Carbon	Silicates
			N	P	K	S	Ca	Mg	Fe	Mn	B	Cu	Zn	Co	Mo	Se	C	Si
	Spreader Blend No 3 Mix	Composted carbon, minerals, calcium and soft rock phosphate. A loose mix designed for belt spreaders.	1000 ppm	3%	2000 ppm	400 ppm	15%	1.5%	1%	400 ppm	2 ppm	8 ppm	20 ppm	4 ppm	4 ppm	1 ppm	26%	10%
	CBM	Chicken manure, blood & bone, and minerals. This 100% organic blend provides the full spectrum of macro and micro elements.	2%	2%	0.4%	2000 ppm	8%	2%	1.4 ppm	370 ppm	250 ppm	55 ppm	120 ppm	10 ppm	40 ppm	3 ppm	20%	5%
	SAFE Coated Urea	Developed to obtain greater value for money by reducing nitrogen losses and increasing utilisation efficiency.	46%	-	-	-	-	-	-	-	-	-	-	-	-	-	21%	-
	SAFE Coated Urea + Mineral Trace	Developed to obtain greater value for money by adding mineral traces.	46%	-	-	-	-	-	-	-	-	-	-	-	-	-	21%	-
	SAFE Coated DAP	Developed to obtain greater value for money by reducing nitrogen losses and increasing utilisation efficiency.	18%	20%		2%												
	SAFE Coated DAP + Mineral Trace	Developed to obtain greater value for money by adding mineral traces.	18%	20%		2%												

 <h1>Animal Feed Supplements</h1>			Nitrogen	Phosphorous	Potassium	Sulphur	Calcium	Magnesium	Iron	Manganese	Boron	Copper	Zinc	Cobalt	Molybdenum	Bentonite	Carbon	Silicates	Protein	Fibre	Sodium
			N	P	K	S	Ca	Mg	Fe	Mn	B	Cu	Zn	Co	Mo	Ben	C	Si	-	-	-
	Loose Licks	Dry feed supplement, formulated to extract the maximum performance from dried-off pasture, stubble and fodder trees.	0.5%	0.5%	2.7%	5%	9.5%	2%	1.5%	220 ppm	2360 ppm	10 ppm	52 ppm	12 ppm	10 ppm	2 ppm	4.1%	8%	10.7%	5%	3.19%
	Beef Up	Organic Colloidal Minerals blended with molasses, copra meal and essential ingredients.	0.5%	3252 ppm	3787 ppm	1.32%	5.3%	2.6%	1.81%	344 ppm	2360 ppm	20.4 ppm	52.2 ppm	12 ppm	10 ppm	2 ppm	4.1%	8%	2.47%	4.97%	3.19%
	Animal Minerals	Organic Colloidal Minerals blended with molasses, copra meal, and essential ingredients, designed to increase production for all types of animals.	0.5%	1.5%	3787 ppm	1.5%	5.3%	2.6%	1.81%	344 ppm	2360 ppm	20.4 ppm	52.2 ppm	12 ppm	10 ppm	2 ppm	4.1%	8%	2.47%	4.97%	3.19%
	Organic Horse Minerals	Organic Horse Minerals is a combination of concentrated natural colloidal minerals, dry molasses, rock minerals, trace elements, copra meal, zeolite, bentonite and dried kelp.		1%	2.7%	5%	8%	2.6%	1.5%	220 ppm	2360 ppm	10 ppm	52 ppm	12 ppm	10 ppm	2 ppm	4.1%	8%	5%	5%	3.19%
	Horse Mineral Custom Blends	Custom blends through hair tissue testing. Safe Fertilisers will adjust your Horse Minerals to suit your horse's nutritional needs. The nutritional needs of your horse are calculated by taking hair samples from the back of the neck and having a hair tissue analysis done. The hair test will test for 16 different minerals and 7 toxins. A full report will be completed and recommendations will be made to help adjust your horse's deficiencies and help rid your horse of unwanted toxins.																			



Vital Nutrition

		Nitrogen	Phosphorous	Potassium	Sulphur	Calcium	Magnesium	Iron	Copper	Fulvic Acid			
		N	P	K	S	Ca	Mg	Fe	Cu	-			
Vital Humate	Humic Acid is effective for improving the quality of all types of soil and plays a critical role in the ability of plants to uptake nutrients. Valuable in the breaking down of stubble and providing the transport mechanism to make nutrients readily available for plant uptake. This value pack of Vital Humate nutrients is the must have of plant nutrition.			2.4%							Potassium Humate (Dry) 14%	HA 8%	
Vital Fulvate	Fulvic Acid has the ability to stabilise nutrient allowing for plant uptake. Has a CEC of 1400, enhances root development, cell division and elongation, and with its low molecule size allows for the plant to take the nutrient in very fast. Very effective in dry times due to its ability to store moisture. Vital Fulvate is the mover and shaker in the nutrient transfer system.			1%						8%	K as Potassium Fulvate 13%	Fulvate (Dry) 70%	
Vital Kelp	Extracted from 100% fresh seaweed containing plant hormones and various natural nutrients, trace elements, alginic acids and polysaccharides. Suitable for all crops, potting soil, vegetable and flower gardens, orchards and turf grass. It builds strong roots, promotes pest and disease resistant plants and quality fruit. Vital kelp is a must in all fertiliser applications.	0.5%	5%	20%	1.5%	1.6%	0.06%	0.15	25ppm		Na 2.2%	AA 10%	OM 45%
Vital Activator	An organic stimulator containing humates as well as microbes to assist in soil balancing and improving overall health of soil profiles.	Plus Microbe Stimulates									8%	12%	-

		K	Cu	S	Zn	
Vital Trace	Vital trace elements in concentrate to correct and prevent nutrient deficiencies in all crops.	Fulvate as Potassium Fulvate 1%	Copper as Sulphate 10%	Sulphur as Sulphate 8%	Zinc as Sulphate 25%	Molybdenum as Molybdate 0.1%

Commodity Liquids

		N	P	K	S	Ca	Mg	Fe	Cu	Zn	Mo	Se	
Vital N-Blast	High vitality nitrogen with added humic acid to enhance nitrogen levels in crops.	40											Humic Acid
Vital P-Blast	A vital polyphosphate solution that can be used as a solid replacement, root starter and liquid foliar fertiliser.	13	19										Fulvic Acid

Design your own Blend	Blends to suit individual needs
Custom Made to Soil Reports	Blends to suit individual needs
Straight Blends for Specific Crops	Blends to suit individual needs
Any Blend Possible	Blends to suit individual needs
Base Minerals	Bulk Rock, Phosphate, Bulk Gypsum, Bulk Lime

Soil and Water Testing	Safe Analytical Laboratories. NATA Accredited Lab Full Analysis, report and recommendations
Lab Tissue Test	Full Australian Standard Test



SAFE FERTILISERS



Safe Fertilisers is a division within the SAFE Group, based in Dinmore, 25km west of Brisbane, at the junction of the Warrego and Cunningham Highways. Our site of 10 hectares, houses the factory, plant and office. Agronomic Advice, Custom Blending and Nutritional Training are some of the Mineral based Expertise offered from the heartbeat of the Alroc Mineral Fertiliser factory, Safe Fertilisers.

When lawyer Les Dyne survived cancer diagnosed in 1982, he believed that using natural dietary supplements was one of the main factors in his recovery. The experience convinced him that the modern diet was doing life as much harm as it was good.

Sustainable Agricultural & Food Enterprises Pty Ltd (SAFE) based in SE Queensland, is his contribution to reversing this trend.

“The more I looked into it, I saw that the food that we’re getting and what we think is healthy is actually grown with artificial fertilisers and chemicals and can be damaging to a body” Les says.

He believes people and animals should eat more natural foods, with at least 75% of their diet naturally grown.

He walked away from his legal career to promote the products he believed helped restore his health and vitality.

- ✓ SAFE produces dietary supplements providing nutrients lacking in inorganic chemically grown foods.
- ✓ The academy provides courses on Natural Medicines and their application.
- ✓ The laboratory provides accredited services to governments, institutions, farmers, vets, and individuals.
- ✓ Safe Fertilisers provides a range of services and natural products to the horticultural, cropping, grazing and livestock sectors.

