

Cost effective, environmentally friendly products that work.

GrowGreen

SPECIALISTS IN PLANT
HORMONES AND AMINO
ACID NUTRITION

Increasing yields with technology

Organically certified products

Australian Organic Registered Garden Product
ALLOWED INPUT 4014

Analysis (W/V)		
Nutrient	Form	Analysis (W/V)
Nitrogen (N)	as protein	0.52%
Phosphorus (P)	as protein	0.12%
Sulphur (S)	as protein	0.52%
AminoOrganic® Premium is an amino acid supplement. The amino acid profile is as follows:		
	Total amino acid	g/L
Glycine	4700	18.5
Aspartic acid	3600	8.5
Glutamic acid	5000	11.0
Alanine	3000	10.0
Arginine	2350	4.0
But also AminoOrganic® Premium incorporates Hydroxyproline, Histidine, Lysine, Tyrosine, Methionine, Valine, Isoleucine, Threonine, Phenylalanine, Asparagine, Serine, Glutamine, GABA, Cystine, Proline, Leucine, Serine		



Directions for Use & Compatibility
For optimum results use AminoOrganic® Premium with GrowGreen Xtend® at 200ml/L. Xtend® will maximise the results of AminoOrganic® Premium in spray, dip or irrigated applications.
Always check for compatibility with insecticides and herbicides (especially with methionine herbicides) and other fertilisers. We recommend testing the mixture on a small area prior to wide spread application.
Avoid spraying in high temperature and high UV conditions.
Warning statement: Do not swallow. The spray from this product may act as an irritant. Avoid inhalation and contact with eyes and skin.
AminoOrganic® Premium
AminoOrganic® Premium incorporates the benefits of the amino acids that have been obtained without altering the physico-chemical properties of the amino acids.
As AminoOrganic® Premium will deliver a complete profile of amino acids, these will be eventually incorporated into all plant metabolic processes.
Folic acid works closely with amino acids as it will increase the activity of several enzymes. But also will enhance the microbial population of the product.
Manufactured in Australia by GrowGreen Pty Ltd, 6000 Cornerway Hwy, Kallaroo, Qld 4309 Ph: 1800 353 913
For more information please visit our website www.growgreenfertiliser.com
GrowGreen Pty Ltd makes no express or implied warranty regarding the design, handling, use or results obtained from using this product, including statutory warranties.

Application Rates		
Crop	Rate/L	No. of applications
Horticultural crops	1.5 - 3	1-4 foliar applications, pre flowering, post flowering & fruit enlargement stage
Broad acre winter crops	1.5 - 3	1-4 foliar applications pre flowering stage, 2 foliar applications post flowering & grain filling stage
Broad acre summer crops	1.5 - 3	2-3 foliar applications pre flowering, post flowering & grain filling stage
Annual & perennial pasture	2 - 5	1-4 foliar applications post grazing

AminoOrganic® Premium
Organic Liquid Supplement with Folic acid
A microbial digested blend of amino acids
SHAKE WELL BEFORE USE

Directions for Use & Compatibility
For optimum results use Microbe Plus® Kelp Premium with GrowGreen Xtend® plant oil adjuvant at 200ml/L. Xtend® will maximise the results of Microbe Plus® Kelp Premium in spray, dip or irrigated applications.
Always check for compatibility with insecticides and herbicides (especially with methionine herbicides) and other fertilisers. We recommend testing the mixture on a small area prior to wide spread application.
Avoid spraying in high temperature and high UV conditions.
Warning statement: Do not swallow. The spray from this product may act as an irritant. Avoid inhalation and contact with eyes and skin.
Microbe Plus® Kelp Premium
Microbe Plus® Kelp Premium incorporates the benefits of plant hormones and bioactives, but it has also been formulated with macro and micro nutrients. With this combination it will help plants increase the nutrient efficiency and the resistance to abiotic stress. It is an excellent soil conditioning agent that can help with nutrient absorption and soil development and is known to create greater plant resistance to stress and frost. Microbe Plus® Kelp Premium can be used as both a soil drench and foliar spray.
The benefits of using Microbe Plus® Kelp Premium can be seen during the whole life cycle of the plant. From early stages where it can help to create a larger root system and increase access to nutrients to helping plants increase bud formation or flowering. During the final phase, Microbe Plus® Kelp Premium will increase the number and size of florets, and with early ripening and increase in quality.
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Analysis (W/V)		
Nutrient	Form	Analysis (W/V)
Nitrogen (N)	as nitrate	0.20%
Phosphorus (P)	as water soluble	0.10%
Potassium (K)	as molasses	0.30%



Application Rates
Crop Rate/L No. of applications
Horticultural crops 1.5 - 3 1-4 foliar applications, pre flowering, post flowering & fruit enlargement stage
Broad acre winter crops 1.5 - 3 1-4 foliar applications pre flowering & grain filling stage
Broad acre summer crops 1.5 - 3 2-3 foliar applications, pre flowering & grain filling stage
Annual & perennial pasture 2 - 5 1-4 foliar applications post grazing
To be diluted in a minimum of 100L of water.
* We recommend foliar spray for full coverage. Application rates may vary depending on soil and leaf analysis. The above should be used as a guide only.
Avoid spraying in high temperature and high UV conditions.
Warning statement: Do not swallow. The spray from this product may act as an irritant. Avoid inhalation and contact with eyes and skin.
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Marine crustacean-derived amino acids. Provides with an available source of N to all different crops. The plant will use our amino acids to optimise their metabolism or to deal with any situation of stress.

An incredible source of plant hormones and organic bioactive molecules. The content of this product will stimulate the plant to reach their maximum genetic potential. It is the perfect complement for AminoOrganic Premium.

Analysis (W/V)		
Nutrient	Form	Analysis (W/V)
Nitrogen (N)	as protein	0.20%
Phosphorus (P)	as molasses	0.02%
Potassium (K)	as molasses	0.02%
Calcium (Ca)	as molasses	0.02%
Molybdenum (Mo)	as sodium molybdate	0.002%



CarboAid Green
CarboAid Green has been created via a unique process that blends carbohydrates with plant beneficial microbes, fungi and bacteria. Utilising a unique digestive process, CarboAid Green is biologically active.
Growing plants need nutrients that are readily available. Many nutrient sources and nutrients already present in the soil require micro and macro activities in the soil and on the leaves to make nutrient elements available to plants. When the biological activity in the soil is in balance, plants may grow to their potential. Plants continue to need proper fertilisers, but they also need to be growing in healthy soil.
GrowGreen CarboAid Green has been formulated for the purpose of enhancing microbial and fungal activities in the soil by providing a source of carbohydrates for growth of soil micro-organisms, thereby improving the health of the soil. Carbohydrates are compounds of hydrogen, oxygen and carbon that are stored in living organisms to be used as energy.
CarboAid Green has been fortified with a high dose of beneficial and essential microbes and fungi. When a combination of beneficial microbes, fungi and carbohydrates is applied, locked up nutrient elements can be released by microbial activity. This may result in more vigorous growth of stems and roots and in this way could enhance crop production.
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Application Rates		
Crop	Rate/L	No. of applications
Horticultural crops	1.5 - 3	1-4 foliar applications, pre flowering, post flowering & fruit enlargement stage
Broad acre winter crops	1.5 - 3	1-4 foliar applications pre flowering stage, 2 foliar applications post flowering & grain filling stage
Broad acre summer crops	1.5 - 3	2-3 foliar applications pre flowering, post flowering & grain filling stage
Annual & perennial pasture	2 - 5	1-4 foliar applications post grazing

CarboAid Green
Liquid Fertiliser and Soil Amendment
A microbial digested blend of carbohydrates and proteins
SHAKE WELL BEFORE USE

Directions for Use & Compatibility
For optimum results use CarboAid Green with GrowGreen Xtend® at 200ml/L. Xtend® will maximise the results of CarboAid Green in spray, dip or irrigated applications. Always check for compatibility with insecticides and other fertilisers. We recommend testing the mixture on a small area prior to wide spread application. CarboAid Green can also be mixed and applied with all GrowGreen's liquid fertiliser range.
Avoid spraying in high temperature and high UV conditions.
Warning statement: Do not swallow. The spray from this product may act as an irritant. Avoid inhalation and contact with eyes and skin.
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General Instructions
Always shake well before use.
The vegetable oil used in this product has been subjected to an additional refining stage by Protein Technologies Research and Development and the product also contains Vitamins A and E.
GrowGreen Xtend Plant Oil Adjuvant will maximise the performance of horticultural and garden sprays by increasing the amount of spray that reaches and adheres to the sprayed surface. Once on the leaf or most part the spray droplets spread and cover even very waxy, difficult to wet surfaces. GrowGreen Xtend Plant Oil Adjuvant is designed to reduce spray drift, re-suspension and help penetration through the waxy surface of plants and insects.
GrowGreen Xtend spray Oil Adjuvant mixed sprays are applied to various plants.
This product does not burn foliage, flowers or fruit when used as recommended rates.
Protection of Wildlife, Fish and the Environment
DO NOT contaminate streams, rivers or waterways with the oil or used containers.
Storage and Disposal
Keep out of the reach of children. Store in the closed original container in a well-ventilated area, as well as possible. Do not use for prolonged periods in direct sunlight.
Toilets, preferably pressure clean empty containers before disposal. Add testing to spray tank. Do not dispose of undiluted chemical on the street, curb and/or gutter or in any empty container in a local authority landfill. If available, bring the container below 200ml in a disposal pit specifically marked and set up for the purpose of oil, waterways, vegetation and soils. Empty containers and product should not be burnt. Home Garbages. Dispose of empty containers by emptying in paper, placing in plastic bag and putting in garbage.
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Directions for Use
1. For small volume of spray: grow Green Xtend Plant Oil Adjuvant with the waterable spray concentrate in an appropriate container.
2. Mix the following dose rates of GrowGreen Xtend Plant Oil Adjuvant with the water to be sprayed.
3. Add the mixture to the water prior to adding the oil.
4. If the pesticide is a wettable powder or dispersible granular formulation, add water to the pesticide on a one to one basis and mix it a slurry. Add this mixture to the measured amount of GrowGreen Xtend Plant Oil Adjuvant and follow the mixing instructions.
5. 1.2 fl oz the spray tank with water.
6. Add the mixture to the water in the spray tank.
7. Top up the tank with water.
Dose Rate
The volume of GrowGreen Xtend Plant Oil Adjuvant required is relative to the volume of pesticide or foliar spray applied. NOT to the volume of water applied. As a guide the following dose rates of GrowGreen Xtend Plant Oil Adjuvant apply:
Broom Sprays: Broadacre 200ml/100L water
Wind Gun Sprays: Broadacre 200ml/100L water
Orchards: Tree Penetration (high) 150-200ml/100L water
Aerial Load (low) 1.2-2.5L/50L water
Small Garden Sprayer: 5ml/5L water
NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO LABEL, UNLESS AUTHORIZED UNDER APPROPRIATE LEGISLATION.
Caution
The primary function of GrowGreen Xtend Plant Oil Adjuvant is to increase the efficiency of the products applied. Therefore, to avoid over-saturating the crop or plant through excessive application of pesticides or other products, always use the minimum recommended application to a small area prior to full scale spraying with a new crop. Always use your own judgement of selective herbicides and GrowGreen Xtend Plant Oil Adjuvant.
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CarboAid Green has been designed to stimulate the microbial population of both; rhizosphere and phyllosphere. Plant growth increases when symbiotically working with fungi and bacteria. The selected sources of sugars and proteins in this product will increase the natural process of symbiosis.

A natural wetter-sticker which is compatible not only with the rest of GrowGreen products, but also with any other agri-chemical (fertiliser, herbicide or fungicide). Xtend will increase the chances of the leaf of absorbing the target molecule

Specialized products

Analysis (W/V)

Element	Plant	Analysis (W/V)
Nitrogen (N)	ammonia	1.10%
	nitrate	0.10%
Phosphorus (P)	ammonia	0.10%
	nitrate	0.10%
Potassium (K)	ammonia	0.10%
	nitrate	0.10%
Calcium (Ca)	ammonia	0.10%
	nitrate	0.10%
Magnesium (Mg)	ammonia	0.10%
	nitrate	0.10%
Sulphur (S)	ammonia	0.10%
	nitrate	0.10%
Iron (Fe)	ammonia	0.10%
	nitrate	0.10%
Zinc (Zn)	ammonia	0.10%
	nitrate	0.10%
Copper (Cu)	ammonia	0.10%
	nitrate	0.10%
Manganese (Mn)	ammonia	0.10%
	nitrate	0.10%
Boron (B)	ammonia	0.10%
	nitrate	0.10%
Molybdenum (Mo)	ammonia	0.10%
	nitrate	0.10%
Selenium (Se)	ammonia	0.10%
	nitrate	0.10%
Vanadium (V)	ammonia	0.10%
	nitrate	0.10%
Nickel (Ni)	ammonia	0.10%
	nitrate	0.10%
Chromium (Cr)	ammonia	0.10%
	nitrate	0.10%
Cadmium (Cd)	ammonia	0.10%
	nitrate	0.10%
Lead (Pb)	ammonia	0.10%
	nitrate	0.10%
Mercury (Hg)	ammonia	0.10%
	nitrate	0.10%
Silver (Ag)	ammonia	0.10%
	nitrate	0.10%
Gold (Au)	ammonia	0.10%
	nitrate	0.10%
Platinum (Pt)	ammonia	0.10%
	nitrate	0.10%
Iridium (Ir)	ammonia	0.10%
	nitrate	0.10%
Ruthenium (Ru)	ammonia	0.10%
	nitrate	0.10%
Rhodium (Rh)	ammonia	0.10%
	nitrate	0.10%
Palladium (Pd)	ammonia	0.10%
	nitrate	0.10%
Osmium (Os)	ammonia	0.10%
	nitrate	0.10%
Iridium (Ir)	ammonia	0.10%
	nitrate	0.10%
Ruthenium (Ru)	ammonia	0.10%
	nitrate	0.10%
Rhodium (Rh)	ammonia	0.10%
	nitrate	0.10%
Palladium (Pd)	ammonia	0.10%
	nitrate	0.10%
Osmium (Os)	ammonia	0.10%
	nitrate	0.10%
Iridium (Ir)	ammonia	0.10%
	nitrate	0.10%
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	nitrate	0.10%
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	nitrate	0.10%
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	nitrate	0.10%
Ruthenium (Ru)	ammonia	0.10%
	nitrate	0.10%
Rhodium (Rh)	ammonia	0.10%
	nitrate	0.10%
Palladium (Pd)	ammonia	0.10%
	nitrate	0.10%
Osmium (Os)	ammonia	0.10%
	nitrate	0.10%
Iridium (Ir)	ammonia	0.10%
	nitrate	0.10%
Ruthenium (Ru)	ammonia	0.10%
	nitrate	0.10%
Rhodium (Rh)	ammonia	0.10%
	nitrate	0.10%
Palladium (Pd)	ammonia	0.10%
	nitrate	0.10%
Osmium (Os)	ammonia	0.10%

Microbially digested fish and crustaceans which results in the preferred form of amino acids for plant growth ("L" shape). As it contains all the macro and micronutrients, plants will be stimulated to provide higher yields with less chances of disease.

Two species of seaweed from different oceans and climatic conditions that creates a unique product with all the relevant plant hormones. It also contains eliciting carbohydrates which will encourage production and plant resistance against biotic and abiotic stress.

A unique product that incorporates the benefits of amino acids and seaweeds. It is also fortified with macro and micronutrients resulting in the most efficient technological fertilizer in the market.

Microbe Plus family

All the products within the Microbe Plus family contain off a unique blend of plant beneficial microbes that will help plant nutrient absorption. This process is achieved due to the microbial digestion of the nutrients and therefore transforming them into plant available form. Our microbial cocktail contains different species of fungi and bacteria.

Panel 1: GrowGreen Microbe Plus

Product (2015)

Element	Concentration (%)
Nitrogen (N)	1.0
Phosphorus (P)	0.5
Potassium (K)	0.5
Calcium (Ca)	0.5
Magnesium (Mg)	0.5
Sulfur (S)	0.5
Zinc (Zn)	0.5
Copper (Cu)	0.5
Manganese (Mn)	0.5
Boron (B)	0.5
Silica (Si)	0.5
Iron (Fe)	0.5
Selenium (Se)	0.5
Chlorine (Cl)	0.5
Fluorine (F)	0.5
Iodine (I)	0.5
Molybdenum (Mo)	0.5
Cobalt (Co)	0.5
Nickel (Ni)	0.5
Vanadium (V)	0.5
Chromium (Cr)	0.5
Barium (Ba)	0.5
Strontium (Sr)	0.5
Lithium (Li)	0.5
Sodium (Na)	0.5
Aluminum (Al)	0.5
Carbon (C)	0.5
Oxygen (O)	0.5
Hydrogen (H)	0.5

Panel 2: Drip

Product (2015)

Element	Concentration (%)
Nitrogen (N)	1.0
Phosphorus (P)	0.5
Potassium (K)	0.5
Calcium (Ca)	0.5
Magnesium (Mg)	0.5
Sulfur (S)	0.5
Zinc (Zn)	0.5
Copper (Cu)	0.5
Manganese (Mn)	0.5
Boron (B)	0.5
Silica (Si)	0.5
Iron (Fe)	0.5
Selenium (Se)	0.5
Chlorine (Cl)	0.5
Fluorine (F)	0.5
Iodine (I)	0.5
Molybdenum (Mo)	0.5
Cobalt (Co)	0.5
Nickel (Ni)	0.5
Vanadium (V)	0.5
Chromium (Cr)	0.5
Barium (Ba)	0.5
Strontium (Sr)	0.5
Lithium (Li)	0.5
Sodium (Na)	0.5
Aluminum (Al)	0.5
Carbon (C)	0.5
Oxygen (O)	0.5
Hydrogen (H)	0.5

Panel 3: Phoscal

Product (2015)

Element	Concentration (%)
Nitrogen (N)	1.0
Phosphorus (P)	0.5
Potassium (K)	0.5
Calcium (Ca)	0.5
Magnesium (Mg)	0.5
Sulfur (S)	0.5
Zinc (Zn)	0.5
Copper (Cu)	0.5
Manganese (Mn)	0.5
Boron (B)	0.5
Silica (Si)	0.5
Iron (Fe)	0.5
Selenium (Se)	0.5
Chlorine (Cl)	0.5
Fluorine (F)	0.5
Iodine (I)	0.5
Molybdenum (Mo)	0.5
Cobalt (Co)	0.5
Nickel (Ni)	0.5
Vanadium (V)	0.5
Chromium (Cr)	0.5
Barium (Ba)	0.5
Strontium (Sr)	0.5
Lithium (Li)	0.5
Sodium (Na)	0.5
Aluminum (Al)	0.5
Carbon (C)	0.5
Oxygen (O)	0.5
Hydrogen (H)	0.5

Panel 4: Potassium

Product (2015)

Element	Concentration (%)
Nitrogen (N)	1.0
Phosphorus (P)	0.5
Potassium (K)	0.5
Calcium (Ca)	0.5
Magnesium (Mg)	0.5
Sulfur (S)	0.5
Zinc (Zn)	0.5
Copper (Cu)	0.5
Manganese (Mn)	0.5
Boron (B)	0.5
Silica (Si)	0.5
Iron (Fe)	0.5
Selenium (Se)	0.5
Chlorine (Cl)	0.5
Fluorine (F)	0.5
Iodine (I)	0.5
Molybdenum (Mo)	0.5
Cobalt (Co)	0.5
Nickel (Ni)	0.5
Vanadium (V)	0.5
Chromium (Cr)	0.5
Barium (Ba)	0.5
Strontium (Sr)	0.5
Lithium (Li)	0.5
Sodium (Na)	0.5
Aluminum (Al)	0.5
Carbon (C)	0.5
Oxygen (O)	0.5
Hydrogen (H)	0.5

Designed to be used in both, drip and foliar fertilization. Contains macronutrients and vital micronutrients

PhosCal supplies plants with a liquid source of calcium (4%) and phosphorous (7% as phosphorous acid) .

Liquid boost of potassium, calcium and zinc and micronutrients. Used to prepare plants for an optimum flowering and fruit formation.

Liquid potassium (as citrate) designed for K-hungry plants.
Potassium will increase the transport of sugars resulting in fruits with higher brix content .

Increasing yields with technology

Visit our web to see the full range of products and for further information.

<http://growgreenfertiliser.com>