

# AminoOrganic™ Premium

*A Microbial digested blend of selected marine crustaceans with fulvic acid.*



## Introduction

### AminoOrganic™ Premium

AminoOrganic™ Premium is an ACO certified organic amino acid fertiliser that has been created with selected marine crustaceans.

During the digestion process the product has not been heat treated this means that all the amino acids are present in "L" form which is preferred.

AminoOrganic™ Premium is fortified with fulvic acid. Fulvic acid is not only a preferred food for plant beneficial microbes but also a "chelating" agent that eventually will help in the plant absorption of nutrients.

The natural source of the product guarantees a complete profile of amino acids needed for the plant to create whatever protein is needed to deal with its metabolism, from growth to stress situation. Hence it is important to supply plants with a broad amino acid spectrum.

As no artificial amino acids have been added into the product, the balance among the different amino acids is driven by a natural process

### Amino Acid Profile

	ug/ml	Mole %
Glycine	4700	19.5
Aspartic acid	3600	8.5
Glutamic acid	5300	11
Alanine	3000	10
Proline	2600	7
Leucine	2100	6
Serine	1800	5.5
Arginine	2350	4
Hydroxyproline	1000	2.5
Histidine	800	1.5
Threonine	1600	4
Lysine	2500	5
Tyrosine	900	1.5
Methionine	950	2
Valine	2000	5
Isoluecine	1400	3.5
Phenylalanine	1500	3

Calculation based on free amino acid molecular weight

Being a microbial product the concentration of the different amino acids may vary.

## Active Ingredients

AminoOrganic™ Premium has been made by digestion of marine crustaceans and fulvic acid.

## Compatibility & Use

AminoOrganic™ Premium can be mixed and applied with most commonly used pesticides and fungicides; however we strongly recommend checking labels for compatibility as well as pre testing in a small area prior to widespread application.

## Optimising results

For optimum results use with GrowGreen's Xtend® plant oil adjuvant when foliar spraying. Xtend® will maximize the result by reducing drift and increasing adherence to the sprayed surface.

## Application Details

AminoOrganic™ Premium is suitable for use in a wide range of market sectors – some are listed here:

Horticulture, Pasture, Broad Acre, Viticulture, Turf.

Crop	App. Rate/Ha	No. of applications
Horticultural crops	1.5 – 2L	3-4 foliar applications, pre flowering, post flowering & fruit enlargement stage
Broad acre Winter crops	1.5 – 2L	Liquid injection at seed sowing stage, 2 foliar applications (mid tillering & booting – grain filling)
Broad acre Summer crops	1.5 – 2L	2-3 foliar applications; pre flowering, post flowering & grain filling stage
Annual & perennial	2 – 3L	3-4 foliar applications post grazing

**To be diluted in a minimum of 100L of water p/Ha**

*\*We recommend foliar Spray to the point of run off Pending soil and leaf analysis, application rates may vary. The above should be used as a guide only.*

**Avoid spraying in high temperature and high UV Conditions**

## Rain fast

When used in conjunction with Xtend® plant oil adjuvant, AminoOrganic™ Premium foliar spray is rain fast in 15 minutes.

## AminoOrganic™ Premium Shelf Life

AminoOrganic™ Premium should be stored at ambient temperature conditions. It is recommended to be stored within a well lit area so that the microbial digestion process within the product continues.

Some sedimentation will rise after prolonged storage. As such we recommend use within 12 months of the date of manufacture.

## Packaging

AminoOrganic™ Premium is available in the following containers: 20L and 1000L

## Analysis (W/V)

Nutrient	Form	Analysis
Nitrogen (N)	as protein	0.50%
Phosphorus (P)	as protein	0.10%
Sulphur (S)	as protein	0.50%

For information about specific application rates, or use with specific crops please contact us on the number below.

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