



# SUSTENTO

## 30% Amino Acid Liquid

**SUSTENTO** is a bio stimulant soluble liquid with high concentration of free amino acids of vegetable origin, easily assimilated by the plant, recommended for critical moments in the plant growth in which the crops demand more power, such as: rooting, sprouting, flowering, and also in moments when the plant suffers stress.

### PROPERTIES

**SUSTENTO** consists of 18 basic amino acids which are necessary to facilitate and enhance the development and operation of biochemical and physiological processes of plants, which develops the resistance to diseases, pests and adverse climatic factors such as drought and frost. In its composition are:

*Arginine* stimulates the growth of root, it intervenes in the synthesis of chlorophyll.

*Aspartic acid*, retains the micronutrients forming chelates which allows the nutrient absorption for more time.

*Glutamic acid and Glycine*, increase chlorophyll concentration by improving photosynthetic activity. Micronutrients are also forming chelates, to help synthesize other amino acids.

*Proline*, helps reduce the stress of Plants produced by adverse environmental factors.

*Serine*, regulates the water balance of plants.

**SUSTENTO** is a soluble liquid for foliar or soil application, easily to use and quantify.

**SUSTENTO** is a product free of heavy metals.

### COMPATIBILITY

**SUSTENTO** is compatible with the majority of plant protection products and fertilizers in common use, is not recommended to use associated with alkaline products.

For mixing with other foliar is recommended a prior test of compatibility.

### INSTRUCTIONS FOR USE



**SUSTENTO** is a product that is not considered to be dangerous, therefore it has not been classified to be danger; its degradation and metabolism occur in a totally natural way to natural compounds that did not show any toxic effect. It can be applied in foliar sprays and soil by using conventional ground equipment in perfect working condition and properly calibrated.

**PACKAGE:** 1L, 20L, 200L, customizable

### RECOMMENDATIONS OF APPLICATION

Crop	Dosage (L/200L)	Dosage (L/Ha)	Application method
Garlic, onion	0.5	1.0-2.0	From 2 to 3 leaves every 15 days.
Melon,Pumpkin, Watermelon, Cucumber	0.5	2.0	The 4 <sup>th</sup> true leaf, pre-flower, fruit setting and fruit growth.
Strawberry	0.5	1.0-2.0	10 days after transplantation, 14 days later, and with 14 days intervals during fruition.
Potato,sweet potato	0.5	1.0-2.0	From 5-6 leaves every 15 to 20 days.
Vine	0.5	2.0-3.0	Pre-flower, berries with diameter of 2-3cm, every 15 days.
Artichoke	0.3-0.6	2.0	After transplantation, during pre-flower and fruit setting.
Coffee	0.5	2.0	pre-flower, fruit setting and berries growth.
Banana	0.6	2.0	Flowering, fruit setting and berries growth.
Flowers	0.3-0.5	2.0	Apply with intervals of 15 days or after each cut, during sprouting and pre-flower.
Tomato	0.3-0.6	2.0	7-15 days after transplantation, pre-flower and fruit setting.



Paprika, pepper, chilli	0.5	2.0	7-15 days after transplantation, pre-flower and fruit setting.
Quinoa	0.5	0.5-1.0	Flowering and full of grains.
Rice	0.5	0.5	10-15 days after transplantation, during heading and full of grains.
Lemon	-	2.0-3.0	Flowering, fruit setting and fruit growth.
Fruits	-	2.0-3.0	Pre-flower, fruit setting and full of fruits.
Asparagus	-	1.0	1 <sup>st</sup> application: plant 20-30cm and then 30 days later.
Brocli, cabbage, lettuce, cauliflower	0.5	0.5-1.0	7-15 days after transplantation, 15-20 days later.
Legumes	0.5	2.0	7 days after sowing, flowering and pod filling.
Avocado, olive	0.2-0.3	2.0-3.0	Pre-flowering and 2 to 4 applications after fruit setting.
Peach Apple	0.2-0.3	2.0-3.0	Pre-flowering and 2 to 4 applications after fruit setting.
Citrus	0.2-0.3	2.0-3.0	Before flowering and every 20 days after fruit setting.