



# HaifaStim™ Booster

Boosts metabolic activity in  
stressful situations



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Pioneering the Future.



# HaifaStim™ Booster



**HaifaStim™ Booster** is the ideal supplement to plant nutrition during phases of intensive vegetative growth and leaf expansion, ensuring optimal enzyme activity that supports plant vitality.

**HaifaStim™ Booster** is a dry, high concentrated physio-nutritional formula, carefully designed to boost plant metabolism. HaifaStim™ Booster provides the growing plant with synergic combination of amino acids and peptides, Magnesium, Boron, Iron and other micronutrients. It is ideal for application by foliar sprays and Nutrigation™.

## ACTIVITY & BENEFITS



### **Boosts growth processes in the plant**

The bioactive compounds in HaifaStim™ Booster act together to enhance cell development, thus encouraging vital physiological processes in the plant, especially at stages of intensive growth.



### **Enhances foliar uptake of nutrients**

Due to the lipophilic nature of the product, its low pH and high miscibility, HaifaStim™ Booster enhances the efficacy of foliar-applied nutrients and plant protection products.



### **Alleviates abiotic stresses**

The high content of low molecular weight amino acids, which act as efficient osmolytes, guarantees a prompt response to water, salinity and heat stress. HaifaStim™ Booster also stimulates the production of molecules with stress-mitigating action.



### **Supports fruit set**

HaifaStim™ Booster supports pollen formation and extends flower, thus enhancing fruit-set.



### **Improves yield quality**

The combined action of amino acids, organic Nitrogen, Magnesium and micronutrients favors photosynthetic activity and boosts the synthesis of the pigments, flavonoids and carbohydrates that improve fruit quality.

## COMPOSITION

Total Nitrogen (N)	9.0 %
Nitrogen (N) Organic	9.0 %
Total Organic Carbon (TOC) of biological origin	28.0 %
Magnesium (MgO) water-soluble	6.0 %
Sulphur trioxide (SO <sub>3</sub> ) water-soluble	17.0 %
Boron (B) water-soluble	1.0 %
Copper (Cu) water-soluble	0.002 %
Iron (Fe) water-soluble	3.0 %
Manganese (Mn) water-soluble	0.01 %
Molybdenum (Mo) water-soluble	0.001 %
Zinc (Zn) water-soluble	0.002 %

### Bioactive compounds

Total Amino Acids and Peptides	56.2 %
Free Amino Acids	10.0 %

## PROPERTIES

**Specific weight (at 25°C)** **0.65 g/cm<sup>3</sup>**

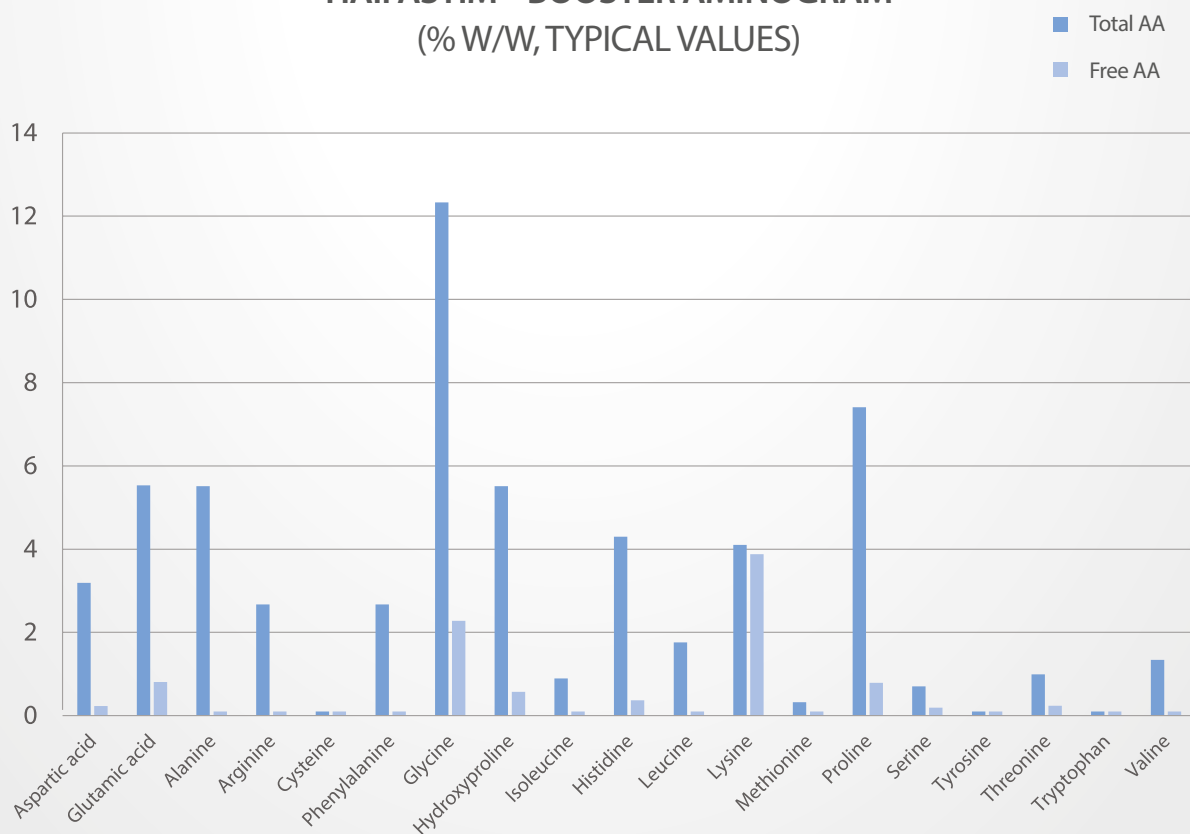
### pH and Electric Conductivity (EC)

Concentration	1 g/l	2 g/l	3 g/l	10 g/l	50 g/l
EC (mS/cm at 25°C)	0.58	0.93	1.25	1.95	9.52
pH	5.5	5.4	5.3	5.3	5.0

### Solubility

Temperature (°C)	0	10	20	30	40
Solubility (g/100 g H <sub>2</sub> O)	25.0	33.6	39.6	47.8	53.4

## HAIFASTIM™ BOOSTER AMINOGRAM (% W/W, TYPICAL VALUES)








## APPLICATIONS

Apply at least 2-4 treatments throughout the growth cycle, from vegetative growth onwards. It is highly recommended to apply **HaifaStim™ Booster** when stress conditions develop.

**Nutrigation™:** apply 5-10 kg/ha per irrigation. In greenhouses, use 3-6 kg/1000 l stock solution, depending on conditions and needs. Check the EC of the solution at the drip level.

**Foliar application:** apply 150-300 g/hl. Use lower rates for crops in greenhouses or tunnels and higher rates in the open field and on stressed crops. Apply every 10-15 days using volumes of water that allow adequate wetting of the leaf apparatus. Repeat treatment during cool hours of the day.

## SPECIFIC RECOMMENDATIONS FOR FOLIAR SPRAYS:

Crops	Recommended Dosage	Timing	
Leafy Vegetables	100-200 g/hl	1-2 applications every 10-15 days from the 1-2 leaves	
Tomato, Pepper, Cucumber, Eggplant, Melon, Watermelon, etc.	100-200 g/hl	From the 1 <sup>st</sup> leaf, during the vegetative stage until initial flowering and color break	
Citrus and Tropical Fruits	150-250 g/hl	During bud breaking, vegetative stage, green tip and post-harvest	
Fruit Trees: Stone fruits, Pomefruits, Softfruits, Olives etc.	150-250 g/hl	During bud breaking, vegetative stage, green tip and post-harvest	
Vineyards and Table Grapes	150-250 g/hl	During bud breaking, at unfolded leaves, before flowering and in post-harvest	

## COMPATIBILITY

- **HaifaStim™ Booster** can be mixed with the common water-soluble fertilizers and pesticides, except for highly alkaline products. It is advisable to carry out a small-scale test to ensure compatibility and plant safety of the mix.
- In pome, stone fruit trees and herbaceous plants susceptible to Copper toxicity, **HaifaStim™ Booster** can exalt the phytotoxicity of Copper if applied as a mixture or afterwards applying Copper-based products.
- On sensitive crops (except for olive trees) and during times of temperature changes, use the lower application rates of **HaifaStim™ Booster** if combined with Sulfur.
- Due to its high solubility, **HaifaStim™ Booster** may be subject to compaction. However, this does not affect the product's activity and efficiency.

## STORAGE AND HANDLING

Store in a well-aerated place, away from direct sunlight.

Suitable storage temperature: +5°C to +30°C.

## PACKAGING

- 3 kg bags in 24 kg box on 432 kg pallet
- 10 kg bags on 500 kg pallet



Product suitable for use in Organic Farming in accordance with Regulations (UE) No 2018/848 and 2021/1165.  
Control ECOCERT SA F - 32600





# Try our other HaifaStim™ products:



HaifaStim™ HumiK



HaifaStim™ Wall-Up



HaifaStim™ Vigor



HaifaStim™ Calmaster



HaifaStim™ Force



HaifaStim™ Combat



HaifaStim™ Vital



HaifaStim™ Promo



HaifaStim™ eNergy



HaifaStim™ Rally



HaifaStim™ VIM



HaifaStim™ KIR