

COMPOSITION

HaifaStim™ Calmaster

Calcium oxide (CaO)	10%
Ca chelated with L-Asp Acid	10%
Physicochemical properties	
pH (0.1% water solution 20°C)	8.0 ± 1.0
EC (0.1% water solution 20°C)	1 ± 0.04 mS/cm
Solubility (water solution 20°C)	700 g/l
Specific gravity	0.75-0.8 g/cm ³
pH stability range	4-10

HaifaStim™ Calmaster Plus⁺

Calcium oxide (CaO)	9%
Ca chelated with L-Asp Acid	9%
Silicon Oxide (SiO ₂)	4.3%
Silicon (Si)	2.0%
Iron (Fe)	0.4%
Physicochemical properties	
pH (0.1% water solution 20°C)	8.0 ± 1.0
EC (0.1% water solution 20°C)	1.5 ± 0.04 mS/cm
Solubility (water solution 20°C)	700 g/l
Specific gravity	0.75-0.8 g/cm ³
pH stability range	4-7



Try our other HaifaStim™ products:

 HaifaStim™ HumiK

 HaifaStim™ Vigor

 HaifaStim™ Booster

 HaifaStim™ VIM

 HaifaStim™ eNergy

 HaifaStim™ Vital

 HaifaStim™ Force

 HaifaStim™ Wall-Up

 HaifaStim™ Promo

 HaifaStim™ Combat

 HaifaStim™ Rally

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HaifaStim™ Calmaster

Improves fruit quality and extends shelf life



Pioneering the Future.



HaifaStim™ Calmaster



HaifaStim™ Calmaster is an advanced calcium formulation that allows fast absorption of calcium by plants, and its assimilation in plant tissues, thus preventing physiological disorders related to calcium deficiency.

HaifaStim™ Calmaster provides plants with calcium in the form of L-Aspartic Acid chelates. Due to its low molecular weight, this chelating agent enables efficient penetration of the calcium through leaf cuticle, facilitating its uptake and activity. The unique chelating technology prevents calcium from blocking, fixation and precipitation with other nutrients or agrochemicals. It also ensures stability in a wide pH range.

HaifaStim™ Calmaster Plus+ combines the benefits of calcium as L-Aspartic Acid chelate and silicon as ortho-silicic acid. The synergic activity of calcium and silicon supports strength of cell membranes and plant skeleton.

Both products are fully soluble in water and ideal for application by foliar sprays and Nutrigation™.

ACTIVITY & BENEFITS



Prevents physiological disorders

The fast and highly efficient absorption of calcium helps preventing typical disorders related to calcium deficiency:

- Blossom end rot (BER) in tomato, pepper and other susceptible crops
- Bitter pit in pomme fruits
- Cracking in cherries, plums and other stone fruits
- Sun burns in fruits and green vegetables
- Secondary infections due to wounds



Enhances stress resistance

In plant tissues, **HaifaStim™ Calmaster** releases cytosolic aspartate, which is important metabolic hub for the biosynthesis various vital compounds (amino acids, nucleotides, proteins hormonal conjugates and others). These compounds are essential for plant development and enhance the plant's resistance to abiotic stress.



Extended fruit shelf life

The optimal supply of calcium during the stages of fruit development is essential for the formation of strong cell walls. After harvest, this mechanical strength helps keep fruit qualities over time, even with sensitive soft fruits.

APPLICATION RECOMMENDATIONS

General: It is advised to apply **HaifaStim™ Calmaster** or **HaifaStim™ Calmaster Plus+** from fruit setting, through fruit development until harvest. In soils of high pH, where calcium fixation and calcium carbonate formation take place, it is highly recommended to supplement plant nutrition with **HaifaStim™ Calmaster** or **HaifaStim™ Calmaster Plus+**.

Nutrigation™: Apply 2-3 kg/ha in the nutrient solution every 15 days.

Foliar application: Apply 2kg/ha or 200gr/100lt spray solution. Repeat application every 7-15 days.

HERE ARE SPECIFIC RECOMMENDATIONS FOR FOLIAR SPRAYS ON SELECTED CROPS:

Crops	Main benefits	Recommended Growth Stage	
Leafy vegetables	Prevent sun burns	Head development & maturation	
Tomato, Pepper, Eggplant, Melon, etc.	Avoid BER	From fruit setting until harvest	
Pomme fruits	Avoid bitter pit	From fruit setting until harvest	
Stone fruits	Improve fruit skin quality; eliminate cracking	From fruit setting until harvest	
Vineyards	Prevent sun burns	From fruit setting until harvest	
Soft fruits	Extend shelf life	From fruit setting until harvest	

The recommended foliar dosages refer to so-called "normal water volumes" and are indicative. It is advised to take into account soil / leaf analysis data to carry out a targeted fertilization.

COMPATIBILITY

HaifaStim™ Calmaster and **HaifaStim™ Calmaster Plus+** are compatible with most fertilizers and agrochemicals. It is recommended to carry out a small-scale test before preparing a tank-mix.

Note: The manufacturer's responsibility is expressly limited to guaranteeing the quality of the product in its original packaging.

STORAGE AND HANDLING

- Store in a well-aerated place, away from direct sunlight.
- Suitable storage temperature: 5°C to 30°C.

PACKAGING

- 1kg bags in 8kg boxes (576kg on pallet)
- 2kg bucket in 16kg boxes (512kg on pallet)
- 5kg buckets in 20kg boxes (640kg on pallet)
- 25kg buckets (750kg on pallet)

