



# HaifaStim™

## VIM

Enhances root activity, improves soil fertility and increases nutrient use efficiency



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Pioneering the Future.



# HaifaStim™ VIM



**HaifaStim™ VIM** is a concentrated suspension of pure micronized Leonardite, a rich source of humic and fulvic acids. Based on advanced production technology, HaifaStim™ VIM features the highest concentration and quality of humic and fulvic acids in an ideal ratio of 5 to 1. It is an acidic pH formulation that contains also the vital humin and ulmic acids fractions.

**HaifaStim™ VIM** is ideal for Nutrigation™ and recommended for use throughout the plant's growth cycle.

## ACTIVITY & BENEFITS



### Improves soil properties

HaifaStim™ VIM is rich in organic matter and contains bioactive components which are vital for developing soil microbiome. Humic, fulvic, humin and ulmic acids improve the soil's porosity and aeration.



### Increases nutrient availability

By increasing the soil's cation exchange capacity (CEC) and by enriching the soil with compounds that form complexes, HaifaStim™ VIM improves the availability of essential cations and micronutrients, as like Phosphorus (P) and Iron (Fe).



### Enhances root activity

HaifaStim™ VIM increases the root surface and enhances the activity of membrane transport proteins, thus facilitating the absorption of nitrates ( $\text{NO}_3^-$ ), phosphates ( $\text{PO}_4^{3-}$ ) and sulfates ( $\text{SO}_4^{2-}$ ).



### Act against drought and salinity stresses

HaifaStim™ VIM, thanks to its content of Humic acids, can reduce the over-salination problem in the soil, especially in areas where too much irrigation has resulted in salt toxicities: humic substances can adsorb anions and cations, preventing them from being available for root uptake and providing a compensation for any deficit of organic substances in rhizosphere.

## APPLICATIONS

**HaifaStim™VIM** is suitable for greenhouse vegetables, orchards, vineyards, olive, citrus, strawberry, ornamental plants and turf. HaifaStim™ VIM stimulates rooting, thus highly recommended for rooted cuttings and seedlings in the nursery.

**Nutrigation™:** it is recommended to apply 15-30 l/ha/year divided into 3-4 applications throughout the season. Higher rates are recommended in soils poor in organic matter, for dense crops or intensive crop rotations and when quick rooting and plant establishment is crucial.

**Foliar application:** 200-300 ml/hl, 3-4 applications/year.

## SPECIFIC RECOMMENDATIONS FOR NUTRIGATION™:

Crops	Recommended Dosage	Timing	
Vegetables	8-10 l/ha	From transplanting, 3-4 applications every 14 days	
Fruit Trees	4-5 l/ha	From bud breaking during vegetative stage, 3-4 applications every 14 days	
Strawberries	8-10 l/ha	From transplanting to the beginning of vegetative growth, 2-3 applications every 14 days	
Vineyards and Table Grapes	8-10 l/ha	From bud breaking during vegetative stage, 3-4 applications every 14 days	
Citrus	3-5 l/ha	After fruit set, 2-4 applications every 10 days	

## COMPOSITION

Humic and Fulvic Acids	24.0 %
Humic Acids	20.0 %
Fulvic Acids	4.0 %

## PROPERTIES

Density (at 25°C)	1.12 g/cm <sup>3</sup>	
<b>pH and Electric Conductivity (EC)</b>		
Concentration	1 g/l	3 g/l
EC (at 25°C)	0.04 mS/cm	0.07 mS/cm
pH	5.7	4.9

## COMPATIBILITY

- Due to its acidic pH, **HaifaStim™ VIM** can be mixed with all fertilizers and agrochemicals. Avoid mixing with high concentrations of Calcium, Magnesium and Sulfur-based products. To ensure compatibility, carry out a small-scale test before preparing a tank mix.

## STORAGE AND HANDLING

- Store in a well-aerated place, away from direct sunlight.
- Suitable storage temperature: 5°C to 30°C.
- In case of spillage, absorb the product with sand or soil and collect it into a dedicated bin.
- Shake before use to dismantle precipitates that sometimes form during storage.

## PACKAGING

1 l (1.12 kg) bottles in 20 l (22.4 kg) box on 840 l (940.8 kg) pallet  
5 l (5.6 kg) canisters in 20 l (22.4 kg) box on 1000 l (1120 kg) pallet



Product suitable for use in Organic Farming in accordance with Regulations (UE) No 2018/848 and 2021/1165



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An aerial photograph of a vast agricultural field, likely a vegetable or leafy green crop field. The rows of plants are densely packed and stretch across the frame, creating a strong sense of perspective. The lighting is bright, highlighting the vibrant green color of the foliage. The text is centered over the middle of the image.

**Cutting edge  
agronomic solutions  
by Haifa.**



# Try our other HaifaStim™ products:



HaifaStim™ HumiK



HaifaStim™ Wall-Up



HaifaStim™ Booster



HaifaStim™ Calmaster



HaifaStim™ Vigor



HaifaStim™ Combat



HaifaStim™ Force



HaifaStim™ Promo



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HaifaStim™ Rally



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HaifaStim™ KIR