



HaifaStim™ HumiK

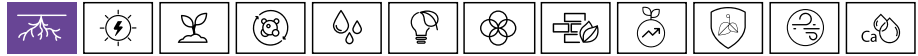
Stimulates root growth and enhances
uptake of water and nutrients



Pioneering the Future.



HaifaStim™ HumiK



HaifaStim™ HumiK is an ideal supplement to plant nutrition, improving soil fertility and uptake of nutrients. It is recommended for use throughout the plant's growth cycle.

HaifaStim™ HumiK is a rich liquid formulation containing stable humic extracts from leonardite with an optimal humic/fulvic acids ratio.

HaifaStim™ HumiK is suitable for all crops and highly recommended for greenhouse crops, orchards, vineyards, olive, citrus, strawberry, ornamental plants and lawns. It is ideal for Nutrigation™.

ACTIVITY & BENEFITS

Improves soil properties



HaifaStim™ HumiK favors the formation of micro-aggregates of soil particles, thus enhancing soil aeration. It also improves water retention capacity and supports water use efficiency. Due to the presence of negatively charged compounds, **HaifaStim™ HumiK** increases the soil's cation exchange capacity (CEC) and raises nutrient use efficiency. The activity of helpful microflora in the soil is also boosted.

Supports uptake of nutrients from the soil



HaifaStim™ HumiK creates a favorable environment for developing fine root capillaries, which are essential for efficiently absorbing nutrients. It also reduces the immobilization of Potassium (K^+) and ammonium (NH_4^+) ions, increasing their bioavailability.

Improves availability of Phosphorus and micronutrients



HaifaStim™ HumiK forms complexes with Phosphorus (P) and micronutrients, thus keeping them in the soil solution and ensuring that they remain available for uptake by the plant roots.

Alleviates salinity and drought stresses



HaifaStim™ HumiK increases soil moisture and decreases the Absciscic Acid (ABA) content in the plant, a hormone that leads to senescence. By interfering with Sodium (Na^+) absorption, **HaifaStim™ HumiK** helps to prevent salinity stresses.

COMPOSITION

	HumiK	HumiK 21
Total Nitrogen (N)	0.1 %	0.2 %
Organic Nitrogen (N)	0.1 %	0.2 %
Potassium oxide (K ₂ O)	7.2 %	10.8 %
Total Organic Carbon (TOC)	8.5 %	11.0 %
Total Organic Matter	17.0 %	22.0 %
Bioactive compounds		
Humic and Fulvic Acids	16.0 %	21.0 %
Humic Acids	9.0 %	14.0 %
Fulvic Acids	7.0 %	7.0 %

COMPATIBILITY

HaifaStim™ HumiK can be mixed with most fertilizers and agrochemicals, except for products with a strong acid reaction and fertilizers with high concentrations of divalent cations (Calcium, Magnesium, etc.). 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 - +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

HaifaStim™ HumiK:

5 l (5.7 kg) canisters in 20 l (22.8 kg) box on 800 l (912 kg) pallet

20 l (22.8 kg) canisters in 40 l (45.6 kg) box on 840 l (957.6 kg) pallet

HaifaStim™ HumiK 21:

5 l (6 kg) canisters in 20 l (24 kg) box on 800 l (960 kg) pallet

20 l (24 kg) canisters in 40 l (48 kg) box on 840 l (1008 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

PROPERTIES

	HumiK		HumiK 21	
Density (g/cm³ at 25°C)	1.14		1.20	
pH and Electric Conductivity (EC)				
Concentration	1 g/l	3 g/l	1 g/l	3 g/l
EC (mS/cm at 25°C)	0.21	0.71	0.33	0.94
pH	7.6	9.6	10.4	11.2



Pioneering the Future.











APPLICATIONS

HaifaStim™ HumiK is best used on both extensive and intensive crops, in particular on horticultural crops in greenhouses, orchards, vineyards, olive groves, citrus groves, strawberries, ornamental plants and lawns. HaifaStim™ HumiK is particularly suitable for use in nurseries (cuttings or seedlings) or in the pre-transplant phase to stimulate rooting.

Nutrigation™: recommended rate is 30-40 l/ha per year, split into 3-4 applications. Apply high rates in soils with low organic matter content and on intensive crops in nurseries, where better rooting is desired.

Foliar application: recommended spray concentration is 200-300 ml/hl. Apply at the rate of 3-5 l/ha per year.

SPECIFIC RECOMMENDATIONS FOR NUTRIGATION™ :

Crops	Recommended Dosage	Timing	
Vegetables	20-30 l/ha/cycle	From transplanting, 3-4 applications every 10-15 days	 
Fruit Trees	30-40 l/ha/year	From bud breaking to vegetative stage, 3-4 applications at 10-15 day intervals	  
Strawberries	25-35 l/ha/cycle	2-3 l/ha from transplanting to the beginning of vegetative growth, 2-3 applications at 14 day intervals	 
Vineyards and Table Grapes	30-40 l/ha/year	From bud breaking to vegetative stage 3-4 applications every 14 days	  

The background of the image is a complex, dense network of light-colored, fibrous roots or plant matter. These roots are tangled and spread across a dark, textured surface, possibly soil. The roots vary in thickness and direction, creating a complex web-like pattern. The overall tone is dark and earthy, with the light roots providing a strong contrast.

**Cutting edge
agronomic solutions
by Haifa.**



Try our other HaifaStim™ products:



HaifaStim™ **Booster**



HaifaStim™ **Wall-Up**



HaifaStim™ **Vigor**



HaifaStim™ **Calmaster**



HaifaStim™ **Force**



HaifaStim™ **Combat**



HaifaStim™ **Vital**



HaifaStim™ **Promo**



HaifaStim™ **eNergy**



HaifaStim™ **Rally**



HaifaStim™ **VIM**



HaifaStim™ **KIR**