

# HaifaStim™ Amin

## Amino acids peptides and peptones for Fertigation

### Nitrogen organic fertilizer

HaifaStim™ Amin is an extract of the most bio-chemically active organic compounds obtained from animal protein matter. HaifaStim™ Amin improves nutrients use efficiency, boosts plant vegetative growth, root activity and improve crop quality traits. HaifaStim™ Amin also enhanced micro-organism activity and improves soil structure. Using HaifaStim™ Amin results plants with higher natural resistance for different stresses.



Better growth



Soil fertility



Enhanced nutrients uptake



Soil structure



Stress resistance

### Product specification (typical values)

Appearance	Brown liquid	Total Amino Acids	48.1% w/w
Total nitrogen	8.0% w/w	Free Amino Acids	10% w/w
Organic nitrogen	7.7% w/w	pH (10% solution)	6.5
Ammoniacal nitrogen	0.3% w/w	Density (20 °C)	1.24 g/cm <sup>3</sup>
Organic matter	52% w/w	Mean molecular weight	1.91 kDa
Organic carbon	26% w/w		

Concentration (%w/v)	0.1	0.2	0.3	0.4	0.5
EC (dS/m) at 20 °C	0.3	0.6	0.9	1.2	1.5



Pioneering the Future

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**Amino acids peptides and peptones for Fertigation**  
**Nitrogen organic fertilizer**

## **Suggested Application and dosage**

**Intensive crop production:** HaifaStim™ Amin helps the plant to produce sufficient amount of enzymes and metabolites in order to fulfill his yield potential.

**Stressed crops:** HaifaStim™ Amin helps the plant to overcome metabolic retardation associated with stress situation.

**In combination with water soluble fertilizers:** HaifaStim™ Amin improves uptake and nutrient use efficiency.

Use HaifaStim™ Amin at the dosage of 30 - 60 kg / ha for each fertigation event. Repeat the application according to crop needs and/or whether conditions. In case of significant stress, doses can be increased and repeated every 7-10 days.

## **Direction of use**

- HaifaStim™ Amin is compatible with the most common water soluble fertilizers.
- Avoid highly concentrated solution; Do not mix with concentrated agrochemicals.
- Shake the container before use.

## **Packaging**

30 kg cans, 240 kg drums or 1000 liter IBC



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