



**VIVA ALGA VIT**

**Viva Alga Vit<sup>®</sup>**  
**In harmony with nature**

**Viva Algavit is a %100 natural growth stimulant based on seaweed, which is produced by organic methods.**

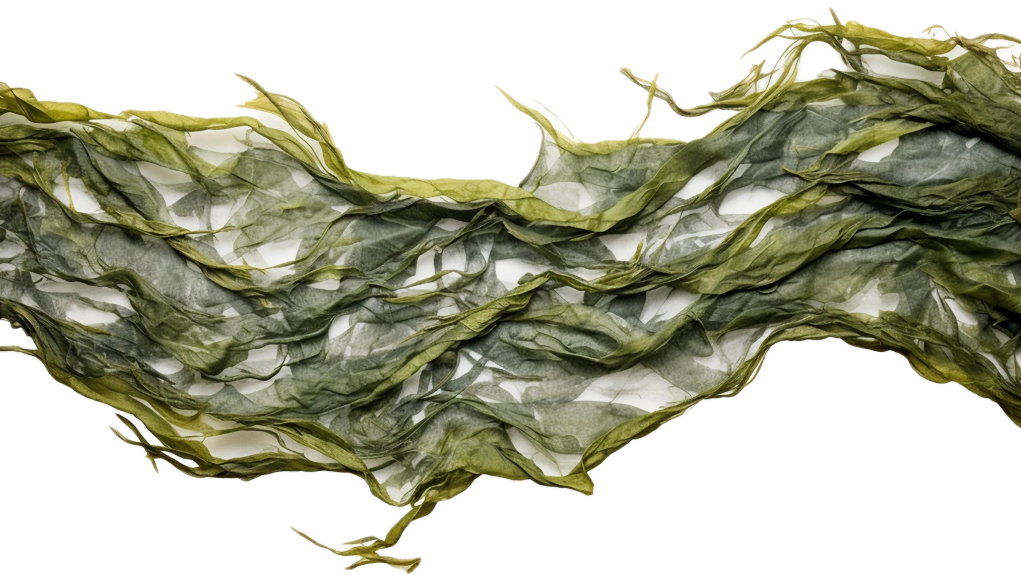
**Growth stimulants are active substances with high biological performance (including proteins, oligosaccharides and hormone-like polysaccharides) that help plants to overcome all kinds of biotic and abiotic stresses by improving their physiological activities. At the same time, they improve the absorption efficiency and absorption diversity of nutrients.**



## How does algae extract help plants?

The results of numerous studies have proven a wide range of positive effects of algae extract consumption in the life cycle and production of plants.

The use of fertilizers containing seaweed can lead to increased tolerance against abiotic stress factors, stresses that generally reduce plant growth and production performance, such as low humidity, high salinity and abnormal temperatures (freezing, heatstroke). Algae extract increases the plant's ability to survive in adverse conditions by causing physiological changes in the plant (agricultural and horticultural products), including improving energy storage and root morphology and increasing key osmotic protectors such as proline and total protein.



## Guarantee Analysis

OM	45 %	Betaine	45 ppm
OC	26 %	Cytokine	15 ppm
K2O	18 %	Gibberellin	10 ppm
Seaweed extract	18 %	Mannitol	0.5 %
P205	1.5 %	Indole acid	15 ppm
N	0.7 %	B	300 ppm



**Why we recommend using Viva Algavit®.**



**Viva Algavit®** contains %100 seaweed extract and provides the key elements required for the optimal completion of different stages of plant growth, including nitrogen, as well as calcium, magnesium and iron.

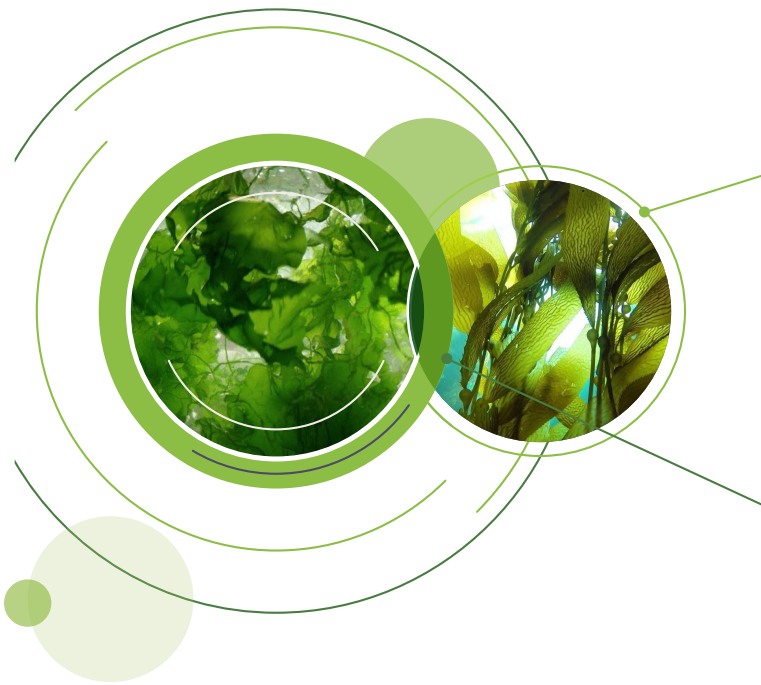
By providing sufficient amounts of absorbable phosphorus, **Viva Algavit®** maintains the plant's photosynthesis rate at an optimal level, and in this way, by producing more sugar, the plant has the necessary energy for germination, flowering, fruit growth and development, and stress control. will have environmental resources.

**Viva algae** is rich in rhizobacteria stimulating polysaccharides (PGRP). By increasing the diversity and activity of beneficial fungi and bacteria around the roots, these polysaccharide compounds give the plant the opportunity to use the substances secreted by these microorganisms to deal with abiotic stresses.

Potassium in this fertilizer helps to improve the plant's resistance to extreme temperatures, drought and salinity by increasing the thickness of the cell walls.

**Viva Algavit®** contains saccharide and protein compounds that directly and indirectly increase the metabolic pathways of the plant's defense response against bacterial and viral pathogens, and for this reason, its use in both prevention and combat stages with disease, it is strongly recommended to farmers.

The alginate in Viva Algavit® reacts with the metals in the soil to form cross-linked polymers that help maintain soil moisture for a long time, keep the soil aerated and healthy. Consumption of Viva Algavit® fertilizer 10 to 12 days before harvesting increases the shelf life of fruits and vegetables.





**Suggestions for consumption**

Because the maximum growth occurs in the root system of the plant, the advice of experts is that Algavit® should be provided to the roots using the irrigation system.

The amount of absorption of water and substances dissolved in it is a function of the temperature of the soil, for this reason, the most suitable time for fertilizing is the early morning hours.

Viva Algavit® can be used in the stages of germination, flowering, pollination, fruiting and fruit growth, depending on the needs of the plant.

If you care about the quality of your products, we recommend that you fertilize with Viva Algavit® at the stage of fruit growth and development.

VIVA KOUJ

[www.vivakoud.com](http://www.vivakoud.com)