

NEOVA



NEOVIVO™

Growth promoter and anti-stress



Stimulate growth and development



Anti-Stress



Improves productivity

NEOVIVO™ – GROWTH PROMOTER AND ANTISTRESS

NeoVivo™ – vegetal origin solution

NeoVivo™ is an advanced liquid formulation developed from carefully selected vegetal-origin compounds, designed to support and stimulate crop growth and development throughout the entire plant life-cycle. NeoVivo™ helps crops perform optimally

under stressed growing conditions. Enriched with essential micro-elements, including boron, EDTA-chelated zinc (Zn), and manganese (Mn), NeoVivo™ plays a vital role in supporting key metabolic and physiological processes.



Neova – Creating green growth

Neova is a Finnish company with global presence, focusing on satisfying people's essential needs for clean food, air and water. Since over 80 years peat has been the core of Neova's history, investigating peat qualities and utilizing peat in high quality professional substrates and growing media products. It is a natural step for us, to bring the benefit of our valuable

raw material to a wider audience as biostimulants.

In addition, we investigate and develop other raw matters, botanical extracts and microbials, found in the harsh Nordic environment. Neova follows the world's strictest environmental regulation related to peatlands and raw material production, **to bring the best of Finnish nature to your fields.**

NeoVivo™ – key benefits for the crops



Promotes plant growth and development

The bioactive compounds in NeoVivo™ promote plant growth and development.



Increase tolerance to abiotic stress

NeoVivo™ is a powerful product to prevent stress and overcome abiotic stress, maintaining plant vigor under adverse environmental conditions.



Better plant performance

NeoVivo™ improves plant metabolism enhancing plant productivity.

Growledge operating model

Our Growledge operating model combines a customer-oriented approach with scientific research. This approach serves as a solid foundation for the development of every new product.

Own raw
material
resources



Scientific
efficacy
research



Proven
field
trials



NEOVIVO™ – MODE OF ACTION

Ascophyllum nodosum

NeoVivo™ contains a high percentage of seaweed extract (*Ascophyllum nodosum*), which is a source of many bioactive compounds such as alginic acid, mannitol, polysaccharides, betaines and natural growth hormones. *Ascophyllum nodosum* promotes plant growth and development, by improving nutrient absorption and supplying phytohormones naturally.

In addition, *Ascophyllum nodosum* extracts have a powerful antistress effect, activating the plant self-defense system and alleviating the plant against osmotic stress produced by drought and salinity conditions.



Amino acids

NeoVivo™ is a source of free amino acids from vegetal origin. Amino acids have a key role in plants, enhancing growth and development, and increasing the tolerance and plant recovery to abiotic stress. Also, amino acids act as chelating agents, improving the performance of other products when they are applied in combination.

EDTA Zn and Mn

NeoVivo™ is enriched with EDTA chelated zinc (Zn) and manganese (Mn). These micronutrients are essential for a proper plant development, playing a key role in various metabolic processes. Deficiencies can lead to physiological dysfunction, affecting the overall performance of the plant.

Boron

NeoVivo™ supplies boron to the plant in form of ethanolamine. Boron is a crucial element for the plants, being part of cell walls and binding with calcium within them. Also, boron influences cell division and elongation and has a key role during flowering processes.



THE GROWTH AND ANTI-STRESS SOLUTION

Dosage:

Crop	Dose per application	Moment of application	Frequency
Oilseed crops	1-2 L/ha	From vegetative development	1-2 applications
Cereals	1-2 L/ha	From vegetative development	1-2 applications
Leafy crops	1-2 L/ha	During the crop cycle	1-2 applications
Vegetables	2-3 L/ha	During the crop cycle	10-14 days
Soft fruits	2-3 L/ha	During the crop cycle	10-14 days
Grapes and fruit trees	2-4 L/ha	During the crop cycle	10-14 days

Application:

NeoVivo™ is a product that can be used in foliar applications and by irrigation.

It is compatible with most of the products on the market. Perform a jar test before mixing, to ensure compatibility. Carefully follow the instructions for use.

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