

PLANTBOOSTER

## AminoN

(Natural organic bio-stimulant derived from plant based renewable resource)

AminoN is an innovative biostimulant for soil and foliar application. It performs as a prebiotic to multiply the concentration of microflora in the soil, stimulate and enhance its beneficial activity in the soil, and improves nutrient uptake by the crop. It provides an instant energy boost in plant developmental stages, helping to overcome environmental stress. It is a unique composition of organic nitrogen and compound amino acids derived from the plant source.

### AminoN Specialty and content

Specialty	Content
<ul style="list-style-type: none"> <li>• 100% Organic PreBiotics, BioStimulant and Foliar Fertilizer</li> <li>• Plant based natural protein origin/no synthetic chemical amino acids.</li> <li>• Fast action of biological activity in the soil</li> <li>• Easy foliar uptake free amino acids</li> <li>• Enhanced root initiation and development, and strengthen the root zone</li> <li>• Support vegetative growth and plant stress resistance</li> </ul>	<p><b>Organic Dry Matter: 31.5%</b>            Total Organic Nitrogen: 5.0%            Organic Carbon: 16.0%            Free amino acid: minimum 80%            Total amino acid: minimum 82%  <b>Ash: 1.95%</b>            pH: 5.5 to 6.0            Specific density: 1.16 kg/L            Shelf- life: 2 Years</p>

### Minimum Guaranteed analysis:

Total Nitrogen (N)..... 5%  
 Total Amino Acids.....26%

### AminoN Soil and foliar application for all types of crops and soil

- ❖ The application of AminoN into the soil increases the beneficial soil microflora, which improves soil structure and nutrient availability for crops. Through AminoN function, it enhances root system development and better nutrition. Crops grow stronger and have greater tolerance to stress, resulting better crop yield and quality.
- ❖ Through foliar application, AminoN is a form of water-soluble organic nitrogen that is readily available to the plant.

- ❖ This product is a natural bio-stimulant, and it can be applied as a foliar application. It contains amino acids and low molecular weight peptides that act synergistically to optimize the growth processes and to support the metabolism of the plant.
- ❖ AminoN biomolecules do not need to spend the energy to build the amino acid chains. Hence, it is allowing more energy to be assigned for higher yields, pest and disease resistance, and higher quality production.
- ❖ AminoN helps the plant to overcome adverse environmental conditions. It is absorbed by leaves quickly and efficiently in all types of soils and crops.

## Soil or foliar application alone or combined:

### Soil Application:

AminoN is a unique composition of molecules with a prebiotic function. It can be applied individually or in combination with other probiotic and nutrient products.

Applied individually to the soil, AminoN acts as a promoter in the multiplication and development of the beneficial microbiota already present in the soil.

Applied in a combined way to the soil, AminoN is a perfect complement for any probiotic product. The applying of microbial populations provided by the probiotic product into the rhizosphere in a rapid way. AminoN enhances the beneficial activity of the micro-organisms in the soil, and getting the most out of the product.

### Foliar Application:

Applied through foliar application, AminoN is a form of water-soluble organic nitrogen that is readily available to the plant. Its unique biomolecules of amino acids and low molecular weight peptides that act synergistically to catalyze growth processes and to support the metabolism of the plant. AminoN free amino acid chains and peptides do not need to expend the energy to build the amino acid chains themselves, allowing for more energy to be allocated for larger yields, pest and disease resistance, and higher quality production. AminoN helps the plant to overcome adverse environmental conditions. It is absorbed by leaves quickly and efficiently without scorching.

## Recommendation

When to apply AminoN?

- Soil application: On eroded soils or at risk of degradation. Especially recommended in combination with a probiotic product (micro inoculants) and soil conditioners or liquid fertilizers.
- Drip and foliar: At the beginning of the crop cycle, to amplify the full potential of the soil from the beginning.

- Foliar: Throughout the crop cycle, to maintain the beneficial activity that provides the peak potential of nutrient uptake in the soil and crop.

## Where to apply AminoN?

Suitable for all crops, especially suitable for outdoor or greenhouse horticultural crops, perennials, fruit trees, with Ferti-irrigation system. Nurseries and trees and seedlings.

For all types of soils and crops: efficient and sustainable product for all production systems and types of agriculture.

## How to apply AminoN?

Soil application by pulverization or through the irrigation system. To achieve the maximum product potential, it is recommended to apply at the dose rates of 1 L/ acre.

Foliar: Use 0.5L to 1.0L/ acre

Fertigation (Drip/ Drench): Use 2.0L to 4.0L / acre

This product is recommended to be applied alone or it can be mixed with other probiotics and nutrients products.

Frequency of application: apply 2-3 times to crop cycle and needs.

Recommendations:

- Do not mix with highly acidic or alkaline products.
- Stable at ambient temperature.
- This product tank mix well with other nutrients and herbicides. However, it is recommended to conduct compatibility jar test before tank mix

Product suitable for use in Organic Agriculture conforming to the annexes of the (COS) regulation CAN/CGSB-32-311-2015 inspected by Pro-Cert (21-1714) and OMIR -COR listed (ETB-15075).

