



Reg No. #B5430 Act 36 of 1947

AminoBoost is a phytofulvic acid chelated carbon (C), nitrogen (N) and phosphorous (P) product that is totally soluble in water. AminoBoost is an acidic phytofulvic acid product that aids in soil rehabilitation and improves soil structure. Due to the acidity of the product and the high fulvic acid content it can assist in mineralization of insoluble minerals in soils, neutralizing the ionic charges by chelating the minerals. It therefore keeps the neutralized minerals in solution and maintains availability for root uptake. It has strong chelating characteristics and will neutralize cation and anion charges of mineral nutrients to assist in the management and prevention of insoluble phosphate salts forming in the soil. This will maintain the minerals in a water soluble form for effective uptake and utilization.

Composition:

Nitrogen (N).....	18 g/kg
Phosphorous (P).....	12.6 g/kg
Fulvic Acid.....	15.6% ± 2

A fulvic acid chelated product, therefore a thick brown residue might be present at the bottom of the drum due to the complexity of the organic molecule composition. It will dissipate after shaking or stirring therefore shake well before use.

Product Properties:

SG:	1.23 ± 0.02
pH:	1.84 ± 0.1
Appearance:	Dark brown thick liquid

RESTORING NATURE'S BALANCE

A Biological Equilibrium Farming Product



Product Characteristics:

AminoBoost helps to improve the ability of the root to penetrate compacted and brackish soils. It therefore at the correct dosage, also improves water penetration in the soil. It is completely water-soluble and can be applied through dripper and other irrigation systems. The product contains a unique fulvic acid extracted from trees. It has excellent wetter and re-wetter properties as it is hygroscopic (water loving) which results in outstanding soil penetration and cation exchange. The wetting quality of this phyto-fulvic acid is directly related to the dispersing (or soapiness) qualities which breaks the surface tension of water. Where the surface tension of water is 70.5milliNewton/meter measured with the du Noüy surface tension apparatus, the value for **AminoBoost** is 49.4mN/m.

Directions for use: Use only as directed

Shake well before use.

- DO NOT USE AMINO BOOST WITH CALCIUM PRODUCTS.
- DO NOT USE WITH DYNO SULF.

Optimal application dosage concentration based on dosage response results.

General Recommendation:

Crop	Soil application (ℓ/ha)	Remarks
Pome Fruit: Apples, Pears	20 - 30 ℓ/ha AminoBoost during the growing season. (OR 10ℓ-15ℓ AminoBoost + 10ℓ-15ℓ LiquiCompost)	2ℓ - 5ℓ AminoBoost to be applied through the irrigation system with each fertilizer application during the growing season.
Stone Fruit: Apricots, Peaches, Plums		
Sub-Tropical Fruit: Mango, Avocado, Macadamia, Pecan, Bananas, Litchis		
Citrus:		
Grapes: Table grapes, Wine grapes	20 - 30 ℓ/ha AminoBoost during the growing season. (OR 10ℓ-15ℓ AminoBoost + 10ℓ-15ℓ LiquiCompost)	2ℓ - 5ℓ AminoBoost to be applied through the irrigation system with each fertilizer application during the growing season.
Root Vegetable: Potatoes, Sweet Potato	20 - 30 ℓ/ha AminoBoost during the growing season. (OR 10ℓ - 15ℓ AminoBoost + 10ℓ - 15ℓ LiquiCompost)	2ℓ - 5ℓ AminoBoost to be applied through the irrigation system with each fertilizer application during the growing season.
Other Vegetables: Tomatoes, Peppers		
Grain: Wheat, Canola, Lupines, Oats, Lucerne, Maize, Beans	<p><u>Non-irrigation:</u> 3-6 ℓ/ha AminoBoost (OR 3ℓ AminoBoost + 3ℓ LiquiCompost).</p> <p><u>Irrigation:</u> 20 - 30 ℓ/ha AminoBoost during the growing season. (OR 10ℓ - 15ℓ AminoBoost + 10ℓ - 15ℓ LiquiCompost)</p>	<p><u>Non-irrigation:</u> 3-6 ℓ/ha AminoBoost (OR 3ℓ AminoBoost + 3ℓ LiquiCompost).</p> <p><u>Irrigation:</u> 20 - 30 ℓ/ha AminoBoost during the growing season. (OR 10ℓ - 15ℓ AminoBoost + 10ℓ - 15ℓ LiquiCompost)</p>

- Due to the variation of soil and soil types from area to area, a full recommendation will only be possible once a **soil analysis and 1:2 water extract** analysis has been done.
- Recommendations are also based on requirements for different crop types.

Contact your **Agrilibrum** representative to obtain a crop specific Plant Stress Management™ recommendation.