NUTURF®
SPECIALISTS PROVIDING SOLUTIONS

FOR MORE INFORMATION ON FoliMAX, CONTACT YOUR LOCAL TERRITORY MANAGER OR CALL 1800 631 008.

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Liquid nutrition at its best

FoliMAX AMINO +
Amino Acids, Growth Promoters & Vitamin B1
Liquid nutrition at its best

FoliMAX Amino +

FoliMAX Amino + is a unique combination of amino acids derived from enzymatically digested plant protein, Vitamin B1 for improved root growth and disease resistance, and plant growth promoters for optimising plant response in times of stress.

The FoliMAX Amino+ Guaranteed Minimum Analysis:

Total Organic Nitrogen: 2.89%

Total Amino Acids: 20%

Total Free Amino Acids: 10.75%

Vitamin B1: 1.125g/L

Plant Growth Promoters: 0.075g/L

The FoliMAX Amino+ product characteristics:

pH: 5.6 – 7.0

Specific Gravity: 1.13

Appearance: A brown coloured, free flowing liquid.

Solubility: Fully miscible

Key benefits of FoliMAX Amino +

- Strengthens your fertility program, maximises root development and uptake and utilisation of applied nutrients.
- Ideal for use during or prior to stress periods.
- Excellent for use following disease activity, to kick-start metabolism and protect against further infection.
- Increases soil microbial life, and improve organic matter breakdown and soil structure.
- Ideal for tank mix application with liquid or soluble trace elements for improved uptake.
- Excellent tank mix flexibility. Can be used in conjunction with a wide variety of plant nutrition, wetting agent and plant protection products.
- Manufactured in Australia.

Amino acids

Even though plants have the inherent capacity to biosynthesize all of the amino acids that they require from nitrogen, carbon, oxygen and hydrogen, the biochemical process is quite complex and energy consuming. As such, the application of amino acids such as those contained in FoliMAX Amino + allow the plant to save energy on this process, which can be dedicated to better plant development during critical growth stages. Amino acids are fundamental ingredients in a protein's biosynthetic process and nearly twenty amino acids types are involved in biosynthetic processes. Studies have shown that amino acids can directly or indirectly impact in a plant's physiological activities.

Amino acids are applied through foliar feeding, absorbed through the plant's stomata or via the root system when incorporated into the soil. This also helps improve microbial activity, which in turn, facilitates nutrient assimilation into the plant. The key roles that amino acids play in turf and landscape plants are as follows:

- Key role in protein synthesis.
- Prevention and recuperative affects to abiotic stress.
- Key metabolites in the photosynthetic process.
- Key material that assists in opening the plant's stomata, enhancing metabolism.
- Amino acids have a chelation effect on micronutrients, improving absorption and translocation within the plant.
- Provides a food source for soil microbial activity.

Plant growth promoters

The plant growth promoters in Amino + provide additional growth support functions for the plant, particularly in times of stress when the plant is unable to generate its own growth response. The plant growth promoters in Amino + provide the following functions:

- Stimulates cell elongation, enhancing plant growth.
- Stimulates root initiation and assists in lateral root development.
- Reduces negative growth effects when plants are exposed to low light intensities.

Vitamin B1

Vitamin B1 is produced in the foliage of plants and transported down to the root system where it has an effect on root growth and development. Vitamin B1 can assist at any time in a plant's life with root regeneration where the root system has been damaged or stressed through high salinity, pathogen activity or nutrient deficiencies and toxicities. Use of Vitamin B1 is seen as a 'back up' or 'insurance policy' as it is difficult to determine if a plant which has come under stress is capable of producing sufficient Vitamin B1 to send down to the root system to assist in cell development.

MIXING PROCEDURE AND COMPATBILITY WITH FoliMAX Amino +

Fill spray vessel with half the required volume of water. Shake container of Amino + and add required amount to spray tank while agitating. Add remaining water to the spray tank. Continue agitating during application. Wash out spray tank, including nozzles, immediately after use.

FLEXIBILITY IN APPLICATION RATES WITH FoliMAX Amino +

Apply as a spray application during the growing season on all turf grasses and most landscape plants. Dilute with water, using the desired situation according to the application rate chart. Apply in sufficient water to achieve adequate plant coverage. Use a water volume of 5-15L per 100m², depending on the application rate. Avoid mowing for 24 hours following an application. For soil targeted applications irrigate with 3-6mm immediately after the treatment has been applied.

Situation	Rate	Comments
Foliar application	10 – 20 L/ha	Apply as a spray application during the growing season on all turf grasses and most landscape plants.
Soil application	10 – 20 L/ha	Irrigate with 3-6mm immediately after the treatment has been applied.
Fertigation	2 – 10 L/ha	Use Amino + at 2 L/ha as a chelation agent or up to 10 L/ha as a natural nitrogen source.
Seedlings	5 mL/L	Apply Amino + upon seedling emergence and then apply as often as necessary.
Landscape / ornamental plants	5 mL/L	Apply to foliage at approximately 21 day intervals based on plant growth, colour and need.

OTHER KEY PRODUCTS IN THE FoliMAX RANGE

FoliMAX N-hancer-N 35-0-0

A clear liquid fertiliser solution containing 70% controlled release nitrogen as SRN-IQ Technology, specifically developed for use in turf and landscape situations.

FoliMAX NRG-NK 19-0-13+Fe

A nitrogen and potassium fertiliser solution containing nitrogen in the unique form of SRN-IQ, and the chloride free potassium source, potassium citrate/carbonate complex. The blend also contains iron for improved green-up and turf vigour.