



AminoPrecise® Technology

High concentration of specific amino acids for targeted plant results.

THE PROBLEM:

The old approach to using amino acids involved delivering a diverse set of amino acids, each at low concentrations, to a product. However, this often diluted the effectiveness of any one specific amino acid, making it harder for the plant to respond in a targeted and meaningful way.

THE SOLUTION:

Foliar-Pak's AminoPrecise technology delivers a carefully selected group of amino acids in high concentrations, preventing the desired amino acid from being diluted. Each amino acid is also scientifically matched to a specific nutrient and plant function.

WHY AMINOPRECISE?

- **Targeted Formulation:** Each amino acid is selected based on molecular size, plant uptake capability, and synergy with specific nutrients.
- **Customized Pairings:** AminoPrecise uses specific amino acids for specific purposes, matching each one to the nutrient it best supports. For example, the amino acid that improves calcium absorption is different from the one that boosts boron availability. So, when using AminoPrecise, the amino acid that the plant gets will be specific to calcium and specific to boron because precision matters.
- **High-Concentration Delivery:** AminoPrecise delivers amino acids at levels proven to trigger beneficial plant responses.
- **Rapid Uptake:** Small molecular weight amino acids ensure fast foliar absorption and immediate plant utilization.
- **Low-Use Rates:** AminoPrecise doesn't need a high-use rate to be effective.

KEY PLANT BENEFITS

- **Increased Nitrogen Assimilation:** Converts nitrogen into usable organic compounds faster, reducing plant toxicity and improving nitrogen use efficiency.
- **Enhanced Chlorophyll Production:** Delivers amino acids essential to iron and magnesium function, supporting photosynthesis and deeper green color, often with less nitrogen.
- **Boosted Carbon Assimilation:** Supports both C3 and C4 turfgrass by aiding carbon fixation and oxygen conversion for improved biomass production.
- **Dynamic Stress Reduction:** Supplies "upstream" amino acids that convert into various forms based on plant needs, helping turf respond to environmental stress naturally.
- **Improved Nutrient Uptake & Translocation:** Formulations link amino acids to nutrients like calcium, boron, iron, and manganese to increase solubility, mobility, and physiological effectiveness.

RESEARCH:

Our research involved tracking the metabolic fate of amino acid isotopes in plants and identifying the unique amino acids that are necessary to perform specific functions, such as increasing plant energy. This breakthrough changed the way we formulate every product in this category.

FOLIAR-PAK PRODUCTS CONTAINING AMINOPRECISE:

1-0-15	Colonise® Bio LTO
14-2-4	Foundation Forty
18-3-4	Gold Standard 45
11-0-11	Iron
Amperage	Magnesium
Boron	Manganese
CSi L	Minors
Calcium	Patch Amino 5
Colonise® Bio	Zinc

NOTICE: ENP Investments LLC warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. ENP Investments LLC will not be responsible for incidental or consequential damage resulting from the use of this product contrary to instructions or under abnormal conditions or under conditions not reasonably foreseeable to ENP Investments LLC.

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