



Amino Acids: The Building Blocks of Plant Proteins



Amino acids are naturally occurring organic compounds that are essential to crop quality and yield. Plants use amino acids to make proteins - the main component of living cells. It is important for plants to have adequate levels of amino acids to carry out their physiological functions and create sufficient protein. When plant protein levels are too low, plants are more susceptible to disease.

Applying foliar amino acids provides plants with the building blocks they need for protein synthesis. It helps boost plant growth, particularly in environmentally stressful conditions such as salinity or water stress. Applying supplemental amino acids may also increase chlorophyll synthesis and content.

BRANDT Organiplex Foliar Nutrients

NEW proprietary foliar nutrient line. Each formulation contains a high concentration of amino acids complexed with select nutrients to meet specific crop needs. BRANDT Organiplex delivers nutrients efficiently and is an excellent tool for managing and correcting deficiencies in conventional and organic operations.

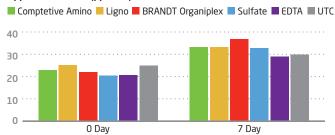


- Excellent foliar mobility
- High concentration of amino acids
- Clean product with long term stability

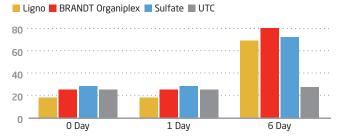


BRANDT Organiplex Field Trials: Tissue Tests

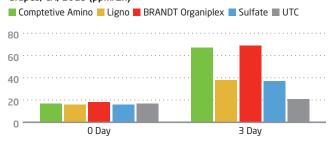
Apples, WA, 2019 (ppm/Zn)



Citrus, CA, 2019 (ppm/Zn)



Grapes, CA, 2019 (ppm/Zn)



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BRANDT Organiplex Formulations

BRANDT Organiplex 8% Ca

8.0% Ca

Derived from calcium amino acid complex

BRANDT Organiplex MicroMix

2.0% Fe | 2.0% Mn | 2.0% Zn

Derived from iron amino acid complex, manganese amino acid complex, zinc amino acid complex

BRANDT Organiplex 4% Mn

4.0% Mn 0.25% B

Derived from manganese amino acid complex, sodium borate

BRANDT Organiplex 3% Mg

3.0% Mg 0.25% B

Derived from magnesium amino acid complex, sodium borate

BRANDT Organiplex 6% Zn

6.0% Zn

Derived from zinc amino acid complex



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