

FP-LL15 on Citrus and Avocado

Amino acid benefits

Amino acids are the building blocks of all cell formation, and are necessary components of many physiological processes in plants. All plants are capable of synthesizing amino acids from nitrogen, carbon, oxygen, and hydrogen, but it is an energy demanding process. The exogenous application of amino acids results in improved plant development and stimulated growth. They can be absorbed through foliar or root application. For plant nutrition purposes, the important amino acids are the L-Alfa types. Only the L-amino acids for parts of the proteins utilized by plants and promote changes in plant metabolic activity, D-amino acids are not recognized by plant enzymes.

Sustainable Organic N

FP-LL15 is an organic fish protein fertilizer. It can be used applied directly to the soil or used as a foliar spray application. Use during all stages of growth for improved crop quality, performance, and yields. This fully soluble powder is sustainably sourced from fresh and freshly frozen fish carcass' that have been stripped of their filets for human consumption.

GUARANTEED ANALYSIS

Total Nitrogen (N).....	15%
..... 0.01% Nitrate Nitrogen	
..... 0.67% Ammoniacal Nitrogen	
..... 14.17% Other Water Soluble Nitrogen	
..... 0.15% Water Insoluble Nitrogen	
Available Phosphate (P2O5).....	2%
Soluble Potash (K2O).....	0.5%

(Derived from: Fish Protein Hydrolysate)



Amino Acid Effects



Citrus and Avocado trees have proven to be responsive to several specifically timed foliar Nitrogen application. These applications provide not only needed nitrogen, but more key they provide an array of amino acids. These amino acids are then translocated through the tree to be either utilized to fulfill specific functions or to be stored as proteins to be utilized at a later time.

These foliar nitrogen applications have shown to:

- Strengthen and increase the length of the pollen tube causing higher flower to fruit conversion
- Allow for more flower development without increased and/or excessive shoot growth
- Increase overall yield of marketable sized fruit
- Post harvest foliar sprays replenish up to 20% of nitrogen lost to fruit development within 48 hours of application