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Guidelines for Hydroponic Tomatoes

These DeltAg Guidelines are designed to enhance overall crop performance and are not intended to be utilized as a replacement for basic and customary N-P-K fertilizer applications. ****All Injection Rates are Based on a 1 to 100 Ratio****

Transplant Water: Inject *Plant Power* at a rate of one (1) ounce.

Designed to reduce Lag Phase in root establishment after transplant.

Weekly After Transplant: After initial shock of transplant (4 to 5 days); Apply *Plant Power* @ one (1) ounce and *MicroVite* at Six (6) ounces once weekly.

This combo is designed to enhance root development and crop vigor, while supplying critical nutrients in addition to N-P-K basic needs.

NOTE: *Plant Power (Perplus)* is *DeltAg's* biostimulant base product. It contains enzymes, amino acids and vitamins and is designed to enhance plant energy levels and overall plant development. *MicroVite* is 5.7% Sulfate sulfur, 4% Zinc, 1% Copper, 1% Manganese and 2% Magnesium. It is a combination of our *ZincPlus*, *Copper Plus*, *Manganese Plus* and *Magnesium Plus*. *MicroVite* is derived from sulfate source materials with the *DeltAg* complexing and 'active' chemistry. The design is to eliminate the need for addition of five separate products in many vegetable programs that utilize several *DeltAg* products.

Early Bloom: Apply *Boron Plus* at one-half (0.5) ounce per week during initial blooming and sizing. Typically four to six weeks of primary blooming. This rate is equivalent to a total rate of less than 16 ounces per acre over the course of the crop growth. *Designed to reduce bloom shed and increase bloom set.*

****For High Nitrates:** Apply *Calcium Plus* @ Four (4) ounces along with *Boron Plus* @ One-half (0.5) ounce. Make this application as needed based on tissue tests or observation.

This combination is designed for managing nitrogen when it becomes excessive in the reproductive stages of crop development by driving increased sugar to the fruit rather than to vegetation.

Mid-Sizing to Maturity: Continue with *Plant Power*, *MicroVite* and *Boron Plus* if still blooming.

Add the Following to the Weekly Applications

Nutri K: Apply Four (4) ounces per week during primary sizing. *Designed to supplement potash needs and improve sizing, uniformity, quality, and yield.*

Calcium Plus: Apply Four (4) ounces per week to Greenhouse **in final two weeks** of maturing process for each set if growing clusters or weekly during maturing process.

Designed to aid in reducing cracking and improving storability.

Mixing: Always dilute *Nutri K* in water first, and follow with other ingredients in listed order to avoid excessive foaming.