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Guidelines for Sweet Potatoes

Preplant Soil Application: Apply *Soil Solution* @ 24 Oz/acre. This application should be made in the Fall and incorporated, or up to planting in the Spring. For No-till or over a growing crop, increase rate to 32 Oz/per acre.

Designed to increase microbial activity and enhance digestion of crop residue.

Seed Potatoes for Bedding: After removal of tarps, foliar apply *Percplus* @ 16 Oz/acre each week of development. **Prior to first cutting**, and after each cutting of slips, add *Nutri K* at 32 Oz/acre to the *Percplus* application. **OPTION:** Substitute *CropKarb* @ 32 Oz/acre for the *Percplus* and *Nutri K*.

Designed to reduce shock, build slip tolerance and transplant a healthier plant.

Transplant Water: Apply *Percplus* @ 16 Oz/acre and *Nutri-K* @ 32 Oz/acre in with total water volume. **OPTION:** Substitute *CropKarb* @ 32 Oz/acre for the *Percplus* and *Nutri K*.

Designed to reduce the Lag Phase in root establishment after transplant.

Knifed into Seed Bed: Apply *Percplus* @ 20 Oz and *Nutri K* @ 64 Oz/acre in 20 gallon total volume, knifed into seed bed (6" X 6"). **Note:** This application can replace the transplant water application.

This is a Starter Program that is designed to enhance and hasten final crop maturity.

Seedling Foliar: After initial shock of transplant (4 to 5 days):

Option # 1: *Zinc Plus* @ 16 Oz and *Boron Plus* @ 4 Oz/acre. Apply twice on seven day intervals.

Option # 2: *Zinc Plus* @ 32 Oz and *Boron Plus* @ 8 Oz/acre in one application.

Alternative: *MicroVite* @ 32 Oz may be used as a substitute for *Zinc Plus* @ 16 Oz/acre when other micronutrients are a concern.

Designed to build tolerance to disease and enhancing final yield.

Initiation of Runners: Apply foliar *Percplus* @ 16 Oz/acre.

Designed to enhance shoot growth and increase leaf surface and overall crop development.

Initial Bulking: (50 to 60 days after transplant) Apply foliar *CropKarb* @ 32 Oz/acre with *Nutri K* @ 32 Oz/acre on weekly intervals for 3 to 4 applications.

Option: If *CropKarb* is not available, apply *Nutri K* @ 64 Oz/acre with *Percplus* @ 16 Oz/acre, and *Boron Plus* @ 4 Oz/acre weekly for this application.

NOTE: To build resistance to skinning, add *Calcium Plus* @ 16 Oz/acre to this combination.

Designed to enhance the sizing process, generate more uniform size, and enhance storability.

NOTE: *CropKarb* may be replaced with a tank-mix of *Nutri K* @ 32 Oz, *Percplus* @ 8 to 16 Oz, and *Boron Plus* @ 4 Oz.

Plant Power may be substituted for *Percplus* and vice-versa in any application and at the same rate.

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

These **DeltAg Guidelines** have been utilized to enhance overall crop performance and are not intended to be utilized as a replacement for basic and customary fertilizer applications. **“Other Crop Specific Guidelines are available upon request.”**