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Guidelines for Sweet Potatoes

Preplant Soil Application: 24 ounces per acre *Soil Solution (Nitrilease RC)*: 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 ounces per acre.

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

Seed Potatoes for Bedding: After removal of tarps; foliar apply *Percplus (Plant Power)* @ 16 ounces per acre each week of development. Prior to first cutting, and after each cutting of slips, add *Nutri K* at 32 ounces to the *Percplus (Plant Power)* application.

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

Transplant Water: Apply *Percplus (Plant Power)* @ 16 ounces and *Nutri-K* @ 32 ounces per acre in with total water volume.

Designed to reduce Lag Phase in root establishment after transplant

Knifed into Seed Bed: Apply *Percplus (Plant Power)* @ 20 ounces and *Nutri K* @ 64 ounces per acre in 20 gallon total volume, knifed into side of 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; Apply *Zinc Plus* @ 16 ounces and *Boron Plus* @ 4 ounces.

Apply twice on seven day intervals.

Option # 2; Apply *Zinc Plus* @ 32 ounces and *Boron Plus* @ 8 ounces in one application.

Sweet Potato trials have shown this application to be beneficial in building tolerance to disease and enhancing final yield.

Initiation of Runners: Apply foliar *Percplus (Plant Power)* @ 16 ounces per acre.

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

Initial Bulking: (50 to 60 days after transplant) Apply foliar *Nutri K* @ 64 ounces with *Percplus (Plant Power)* @16 ounces, and *Boron Plus* @ 4 ounces per acre on weekly intervals for three to four applications.

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

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

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.