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Guidelines for Cotton

Preplant Soil Application: 24 ounces per acre **Soil Solution** (*Nutrilase 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 enhance digestion of crop residue and increase microbial activity.

Hopper Box Seed Treatment: Utilize where enhanced emergence and survival are desired.

Apply **Seed Coat** (formerly **Grow Coat**) @ 2 Oz (dry weight) per planted acre of seed.

Designed to stimulate micro-flora in the rhizosphere immediately adjacent to seed, and enhance seedling root development and stand establishment.

In-Furrow: 8 ounces per acre of **Percplus** (*Plant Power*).

Designed to enhance root development, early growth, and build crop tolerance to early season stress

Soil Applied: Boron Plus may be applied @ 16 to 20 ounces side-dressed when supplemental boron is desired. **Percplus** (*Plant Power*) may be side-dressed as alternative to in-furrow at 12 Oz/ acre.

When Soil pH is lower than desired: Apply **Calcium Plus*** @ 32 ounces per acre in with side-dress Nitrogen.

**Designed to temporarily acidify soil profile around root zone*

Seedling Foliar: Two applications of **Percplus** (*Plant Power*) @ 16 ounces broadcast, after 1st true leaf.

Designed to enhance crop vigor, root development, and tolerance to stress.

Sixth to Tenth Node: Apply **Boron Plus** @ 4 ounces per acre with insecticide or PGR on a 14 to 21 day schedule in two to three applications.

Designed to maintain crop in a fruiting mode and to direct Nitrate Nitrogen to fruit.

Heavy Boll Set: (May be applied with insecticide) 32 ounces per acre of **Nutri-K** applied with 4 ounces of **Boron Plus** and 8 ounces per acre of **Percplus** (*Plant Power*). Timing at fourth and sixth week of heavy bloom and boll fill. (Two applications)

Designed to enhance boll set and sizing toward maturity.

NOTE: Many years of tissue testing have indicated the need for potassium at this stage of development. About 40% of samples have called for Boron at this same stage. The addition of 4 ounces of **Boron Plus** in this combination will aid crop response and translocation of K and direct Nitrate to the fruit.

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.