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Guidelines for Field Corn Revised: March 5, 2007

Preplant Soil Application: 24 ounces per acre *Soil Solution (Ntrilease 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.*

Seed Treatment:

Hopper Box Powder: Apply *Seed Coat* (formerly Grow Coat) @ 2 ounces (dry weight) per planted acre of seed. Utilize where enhanced emergence and survival are desired.

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)* and 16 ounces of *Zinc Plus* (if needed) this combo may be applied with 2 to 3 gallons of liquid phosphate fertilizer. **NOTE:** Both are compatible with most Ortho Phosphate and Nitrogen Liquid Fertilizers.

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

Banded Behind Planter Press Wheel: *Percplus (Plant Power)* @ 8 Oz and *Zinc Plus* @ 32 Oz/acre if desired. *Substitute application method when In-furrow or Side Dress is not available.*

Side Dress: Apply 16 ounces of *Percplus (Plant Power)* and 32 ounces of *Zinc Plus* with side-dress liquid nitrogen and/or phosphate fertilizers. *Boron Plus* at 10 Ounces may also be applied if desired.

Enhances crop vigor and response to fertilizer and supplies crop with crop response to Zinc when soil test shows moderate deficiency.

Seedling Foliar: Make one to two applications of *Percplus (Plant Power)* @ 16 to 24 ounces and *Zinc Plus* @ 16 ounces broadcast, beginning at two to three leaf seedlings. These applications may be banded at half rate if applicable or applied in a tank mix with most herbicides (ex; glyphosate).

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

Ear Leaf of Post-pollination (Tassel) Foliar: 32 ounces per acre of *Nutri-K* applied with 8 ounces of *Percplus (Plant Power)* and 4 ounces of *Boron Plus*. *May be applied with pesticides or fungicides.

Designed to enhance grain development, uniformity, and maturity.

Maturity Foliar: Apply 32 ounce per acre of *Magnesium Plus* with 8 ounces of *Percplus (Plant Power)* and 4 ounces of *Boron Plus* in one to two applications within three to four weeks of harvest.

Designed to maintain chlorophyll production in shuck prior to harvest.

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.

