



## Agricultural Starter Programs (Pop-Up)

Whether you call it a starter, pop-up or pre-plant fertilizer, 3 Tier has cost effective, multiple benefit alternative. We start with the same critical NPK elements needed for increased and rapid germination of the plant, then we add a unique combination of our activated humic acid, a complete beneficial microbial package, and special soil regeneration consisting of thousands of identifiable enzymes, coenzymes, amino acids and other proteins. If your soils have high levels of salt, high clay content with compaction, or low soil pH, 3 Tier also offers a highly available calcium addition to the program. This convenient liquid program can be tank mixed and applied together for a single broadcast to the entire field just prior to planting, band sprayed, in-furrow or side dressed during seeding.

Not only will this starter program provide rapid and increased seed germination, it also regenerates the soil to naturally battle disease while increasing the uptake of other critical nutrients applied throughout the plant growth cycle for improved plant quality and yield enhancement. This scientifically designed and field tested program provides multiple benefits for the same cost as your conventional starter fertilizer.

### **Standard Broadcast Application Starter Package**

Normal Soils: Mix and apply **Establish 5-16-12 @ 32 ounces per acre** and **Huma-Balance XL w/Bio-Cat Booster @ 64 ounces per acre** in 20 to 40 gallons of water per acre. More water will only improve product performance. Add **Soil Restore @ 2 ounces per acre** for additional nutrient conversion.

High Salt, High Compacted Clay, or Low pH Program: Mix and apply **Establish 5-16-12 @ 32 ounces per acre** and **Huma-Cal Plus XL w/Bio-Cat Booster @ 64 ounces per acre** in 5 to 20 gallons of water per acre. More water will only improve product performance. Add **Soil Restore @ 2 ounces per acre** for additional nutrient conversion.

### **Standard Banded/Direct Seed Applied/In-Furrow Application Starter Package**

Normal Soils: Mix and apply **Establish 5-16-12 @ 16 ounces per acre** and **Huma-Balance XL w/Bio-Cat Booster @ 32 ounces per acre** in sufficient water per acre. More water will only improve product performance. Add **Soil Restore @ 1 ounce per acre** for additional nutrient conversion.

High Salt, High Compacted Clay, or Low pH Program: Mix and apply **Establish 5-16-12 @ 16 ounces per acre** and **Huma-Cal Plus XL w/Bio-Cat Booster @ 32 ounces per acre** in sufficient water per acre. More water will only improve product performance. Add **Soil Restore @ 1 ounce per acre** for additional nutrient conversion.

These suggested rates have been proven in wheat, rice, corn, soybean, potato, alfalfa and general vegetable production. For soils with specific challenges, these rates may be modified for maximum performance. All products can be applied through irrigation

For Specific Rates and Applications, Contact Daniel J Burdette  
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