



General Agriculture Application Guidelines

Application One – As a Seed Starter:

Mix Blue-Brown XL (Microbe 3-10-8) at 1 gallon per acre in a minimum of 10 gallons of water, more water is recommended for better coverage. Products can be broadcast to the soil or directly to the seed through the planter during seeding. Do not apply with fungicides.

Benefits:

- Faster and higher percent of germination
- Earlier root system vigor producing increased root surfaces
- Improves root penetration and moisture extraction
- Stronger plant emergence

Application Two – 1st Foliar Application Pass Recommended at early 3 or 4 leaf stages:

Mix Blue-Brown XL (Microbe 3-10-8) or for higher growth requirements use Blue-Grow XL (Microbe 7-7-6) at 1 gallon per acre in a minimum of 10 gallons of water, more water is recommended for better coverage. This application can be added and applied with most sprayed pesticides during this pass.

Benefits:

- Better utilization of soil nutrients, especially nitrogen, for more balanced uptake
- Significantly increases Cation exchange
- Increased chlorophyll and moisture retention
- Increased stress tolerance from wind and draught
- Healthier plants creates increased crop yields

Application Three (optional) – 2nd Foliar Application Pass Recommended at Pre-Bloom stage

Use Establish 5-16-12. Maintain 8-16-8, or Growth 16-4-8 applied as a foliar spray at the rate of 32 ounces per acre mixed with optional Huma-Boost at a rate of 32 ounces per acre applied with a minimum of 15 gallons of water. This application generally is an additional pass of just 3Tier foliar spray material.

Benefits:

- Continues healthy plants balanced nutrient uptake
- Maximizes crop yield potential
- Maximizes crop quality

Alternative Product Applications:

-Soil Regeneration: Apply Huma-Balance XL (Or Cal 86 Plus in tight clay soils) at 64 ounces per acre in the spring before planting and fall after harvest for improved soil structure and organic breakdown.

-Salt Remediation: Apply SA-1000 at 32 ounces to 2 gallons per acre as needed for salt management.

-Chemical Adjuvant: Add Huma-Boost at 32 ounces per acre for added delivery to chemical target and added protection to your crop and soils.

Note: These are general application outlines, specific crop programs are available. Contact 3 Tier for more crop specific application programs.

