

The Ground Control Fertilizer program provided me with the ability to manage nutrient leaching with fertility applications after lay-by and around rainfall events. Applying a balanced fertilizer helped increase leaf quality at every stalk position and provided more harvest options for my farm. The tobacco grown under the Ground Control program cured well, I was happy with our final quality.

- John Gross,
Gross Farms
Sanford, NC



Lugs

Cutters

Leaf

Application

Direct Ground Application	Drip Application
✓ Semi rigid drop assemblies available for high clearance sprayers	✓ Design and sales assistance available
✓ 48" - 60" Assemblies	✓ Drip tape application equipment available
✓ Y-Configuration adjustable nozzles	✓ Fertigation equipment available



GROUND CONTROL™
FERTILIZER

TOBACCO



Ground Control Fertilizer is the use of fertigation grade liquid blends in a direct ground application.

The Ground Control program is designed to provide farmers more control over their fertility in adverse conditions of heavy rainfall, cool soil temperatures or crop stages that make fertility applications difficult.

Advantages of Ground Control

- ✓ Mitigate fertilizer and profit loss due to heavy early season rains through leaching

✓ Ability to apply fertilizer after lay-by to compensate for heavy rainfall events and leaching

✓ Allows stalk position specific fertility programs by applying liquid after harvest to increase yield potential and quality of the next leaf position

✓ Can be applied through drip fertigation or direct-to-ground. Over the top application can be done, but rates must be adjusted by environmental conditions.
- ✓ Manage fertility based on weather and rainfall patterns

✓ Nitrate based blends that provide plant available nitrogen at time of application

✓ Provides balanced nutrition of N-P-K-Ca and a full micro-nutrient package to increase yield potential and quality

✓ Increase green to cured weight percentage by producing a higher quality leaf

GROUND CONTROL BLENDS

- ✓ Nitrate nitrogen is plant available at application, ammoniacal/urea need time to convert .

✓ All blends contain calcium and a micro-nutrient package of boron, copper, manganese, molybdenum and zinc.
- ✓ Minimum amount of chlorine in every blend.

✓ All blends are manufactured to fertigation grade and filtered

Product Blends

- GC Max K - 3-1-9 with 100% nitrate nitrogen
- GC Prime - 5-1-7 with 70% nitrate nitrogen and 30% ammoniacal/urea
- GC Balance - 7-1-7 with 55% nitrate nitrogen and 45% ammoniacal/urea
- GC Max N - 10-2-5 with 40% nitrate nitrogen and 60% ammoniacal/urea

Example Program

Product	Rate/Acre (Dry in Lbs/A & Liquid in Gal/A)	Nitrogen (Lbs)	Phosphorus (Lbs)	Potassium (Lbs)	Timing
*Standard Dry Fertilizer Blend	650	40	40	120	Planting
*Standard Dry Fertilizer Blend	150	10	10	30	Cultivation
*Standard Dry Fertilizer Blend	150	10	10	30	Lay-by
GC Prime	20	10	2	14	After topping or as leaching adjustment. Increase rate with leaching.
GC Prime	15	7	1	10	After harvesting or knocking off lugs. Increase rate with leaching.
GC Prime	15	7	1	10	After harvesting cutters. Increase rate with leaching.
GC Prime	15	7	1	10	After leaf harvest if you haven't stripped or need tobacco to hold.
Total	950 Lbs/Dry & 65 Gal/Liquid	91	66	224	

*Standard Dry Fertilizer Blend program shown is for example purposes and not specific to the Ground Control Program.

