



GROUND CONTROL™
FERTILIZER

TURFGRASS PROGRAM





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Greens Program

	Product	*Rate	*Timing & Information	Product Description
Liquids	GC - Greens Grade (6-1-4)	11 oz/1000 sq ft. **See rate sheet for more info.	Weekly - Begin after the initiation of Spring green up. Continue through cooler soil temperatures and dormancy preparation.	Calcium nitrate, potassium nitrate and ammonium nitrate based liquid. 60% quick and 40% extended release nitrogen. 1% calcium and 3% micro-nutrient makeup.
	Metalosate® NPK (4-17-17)	3-5 oz/1000 sq ft.	Weekly - Begin during Spring green up and during dormancy preparation. Can substitute for GC- Greens Grade when color without growth is desired.	Amino-acid chelate NPK. Rapid entry into the plant.
	Metalosate® Multimineral™	3-5 oz/1000 sq ft.	Weekly - Apply weekly throughout the entire season to provide a balanced supply of micronutrients and calcium.	Amino-acid chelate nutrient pack containing magnesium, copper, iron, manganese, molybdenum and zinc.
	Metalosate® Potassium (0-0-24)	3-5 oz/1000 sq ft.	Bi-Monthly - Apply along with GC-Greens Grade as a tank mix to increase potassium in the root zone for better disease resistance and moisture management.	Amino-acid chelate potassium. Rapid entry into the plant. Promotes disease and drought resistance.
	LEAF-LOCK	32oz/100 gal	Weekly - Include in each foliar application.	Non-ionic surfactant with an added humectant that is designed to evenly spread a spray solution across leaf surfaces and increase penetration. LEAF-LOCK also serves as a drift reduction and antifoaming agent.
Dry	GC-Command Mini (23-4-23)	Rate should be determined by nitrogen need over four month release time	Apply when growth is desired, after turf breaks dormancy or when 120 days of controlled fertility release is desired. When applying on greens, irrigate after application, roll greens the following day and resume mowing two days post application.	Ground Control Command is a poly-coated slow release fertilizer. The controlled release allows for fewer applications, reduced leaching and season long fertility. 75% coated nitrogen and 50% coated potassium.
	GC-Command Mini (6-0-22)	Rate should be determined by nitrogen need over four month release time	Apply in the early Spring or late Fall when limited growth is desired and potassium is needed. When applying on greens, irrigate after application, roll greens the following day and resume mowing two days post application.	Ground Control Command is a poly-coated slow release fertilizer. The controlled release allows for fewer applications, reduced leaching and season long fertility. No coated nitrogen, allowing for applications in the early Spring or late Fall. 60% coated potassium, 36% coated sulfur and 100% coated boron and magnesium.

**See rate sheet insert for specific rates

*Turfgrass Program is intended to be a general guide. Environmental conditions may dictate the need for more or less water/nutrients or a change in application timing. Therefore, the timing and recommended rates are only a suggestion. A good common-sense approach is always best.

Watering-In Product: Watering-in of Ground Control Fertilizer™ products is encouraged, but not required.

Mowing height must be considered when choosing between standard and mini GC-Command.

Sports Turf Program: Tees, Fairways, & Athletic Fields

	Product	*Rate	*Timing & Information	Product Description
Liquids	GC - 14-1-8	**See rate sheet for more info.	GC – 14-1-8 can be used as a stand-alone fertility program or used to supplement a granular fertilizer. This product can be used alongside growth regulators to prevent yellowing and to maintain turf quality, rates will depend on growth regulator rates and timing. General application timing is dependent on total fertility practices.	50% quick and 50% extended release on nitrogen. 3% micro-nutrient makeup.
	LEAF-LOCK	32 oz/ 100 gallons	Weekly -Include in each foliar application	Non-ionic surfactant with an added humectant that is designed to evenly spread a spray solution across leaf surfaces and increase penetration. LEAF-LOCK also serves as a drift reduction and antifoaming agent.
Dry	GC- Command Standard (23-4-23)	Rate should be determined by nitrogen need over four month release time	Apply when growth is desired, after turf breaks dormancy or during establishment.	GC-Command is a poly-coated slow release fertilizer. The controlled release allows for fewer applications, reduced leaching and season long fertility. 75% coated nitrogen and 50% coated potassium.
	GC- Command Standard (6-0-22)	Rate should be determined by nitrogen need over four month release time	Apply in the Fall when limited growth is still desired and potassium is needed.	GC-Command is a poly-coated slow release fertilizer. The controlled release allows for fewer applications, reduced leaching and season long fertility. No coated nitrogen, allowing for applications in the Fall, prior to dormancy, 60% coated potassium, 36% coated sulfur and 100% coated boron and magnesium.

How Does It Work? Ground Control Liquid



Ground Control liquid fertilizers are fertigation grade blended fertilizers, providing balanced plant nutrition for high yields without sacrificing quality. Ground Control blends should be used as a replacement or supplement for liquid nitrogen products, with the goal of providing other essential nutrients during key growth stages.

Ground Control fertilizers should be used as a tool to reduce fertilizer loss due to leaching of dry materials that are applied pre-plant or early in the crop cycle. Increased quality is another major focus by applying a balanced blend later in cycle as the crop approaches maturity.

How Does It Work? Ground Control Command

When GC-Command granules are applied to the soil, the coating acts as a semi-permeable barrier, allowing a continuous release of nutrients to the root zone.

The poly-coated fertilizers release plant nutrients slowly and continuously throughout the growth cycle. A single application of GC-Command controlled release fertilizer will supply optimal levels of turfgrass nutrients for several months.

Custom blends and release times are available upon request.



Additional Turf Products

Product	Rate	Timing	Product Description
Metalosate® Big 5™	3-5 oz/1000 sq ft	Apply as needed, particularly as a source of sulfur.	Amino-acid chelate nutrient pack containing manganese, zinc, sulfur, boron and nitrogen.
Metalosate® Crop-Up™	3-5 oz/1000 sq ft	Apply as needed, particularly as a source of balanced micro-nutrients with boron.	Amino-acid chelate nutrient pack containing magnesium, manganese, zinc, iron and boron.
Metalosate® Calcium	2-4 oz/1000 sq ft	Apply in situations where increased concentrations of calcium are needed.	Amino-acid chelate calcium.
Metalosate® Boron	1-2 oz/1000 sq ft	Apply in situations where increased concentrations of boron are needed.	Amino-acid chelate boron.
Metalosate® Iron	1-2 oz/1000 sq ft	Apply in situations where increased concentrations of iron are needed.	Amino-acid chelate iron.

Ground Control Fertilizer - Custom blended liquid options available upon request.

GC - Command Poly-Coated custom options available upon request.



Available as a Complete Turfgrass Program:

- 275 Gallon Tote of either
 - GC-Greens Grade 6-1-4
 - GC-Athletic Grade 14-1-8
- A Consolidated Pallet of Metalosate® Powered by Albion Technology Foliar Products & LEAF-LOCK Surfactants
- GC-Command Standard or Mini in 50lb bags packaged to meet customer needs.

The results of our single application of poly-coated 23-4-23 GC Command matched or exceeded the multi-application of our standard program. I found it a much more efficient way to spread an even distribution of N over 4 months. During the summer rainy period we never suffered heavy flushes of growth.

Tommy Walston
Grounds Supervisor
ECU - North Recreational Complex

On my greens, I was pleased to see the extended feed provided by the GC- Greens Grade during our summer growing season. I was especially impressed with the spray compatibility of Multimineral. The full micro package remains a weekly additive to almost everything I spray, whether I irrigate in or not. Well pleased.

Dan Jordan
Chicora Country Club
Dunn, NC