

Greene County  
Fertilizer Company

**N-EXT**™

Fertility Forward®

OUR BIO-BASED FERTILIZERS & SPECIALTY  
FERTILITY PRODUCTS ARE BLENDED TO  
FEED PLANTS, IMPROVE SOIL FERTILITY  
AND BUILD TOPSOIL.



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Healthy turf starts with Greene County Fert.

**MAILING ADDRESS**

P.O. Box 1346  
Greensboro, GA 30642

**LOCATION**

1490 Airport Road  
Greensboro, GA 30642  
1-855-606-3378  
[GreeneCountyFert.com](http://GreeneCountyFert.com)



Consult your Account Representative for application recommendations specific to your growing zone.

Always read and follow the label directions.

Products are manufactured and guaranteed by Greene County Fertilizer Company, Inc.

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Greene County Fertilizer Company produces fertility products that are rooted in a blend of plant and soil sciences.

Greene County Fertilizer Company products are affordable and priced to fit a production Lawn Service business model.

Our commitment to the Lawn Service Industry is to produce high quality products and professional education through:

- o Technical Support
  - o Professional Meetings/Events
  - o Lawncology.com & YouTube channel
  - o GCFC YouTube channel
  - o Newsletters
- 
- GCFC has published liquid fertility programs for all turf types and growing zones.
  - Our specialty products are flexible additions to any existing fertility program to add Biostimulants, fill in missing components, address existing problems / environmental conditions, reduce Nitrogen inputs and improve overall results.



- Full Line of Liquid Fertilizers & Specialty Products
- High Performance Plant Nutrients
- Soil Amendments
- Complete Products
- Custom Liquid Fertilizer Blending
- Granular program? We Can Make it Better with our Specialty Products.

Grow your business, we'll grow your turf.



### 0-0-5 Liquid Aeration

- Designed to loosen topsoil and encourage deeper rooting to allow for greater oxygenation of the root zone
- N-Ext Air-8™ utilizes biostimulants and highly oxidizing material
- Dual Purpose Product / Application Rates
  - High Rate (6-9 oz / 1K sf):
    - Chemical reaction with soil surface and turf root mass increase proven in university trials to promote aeration of soil.
    - Recommended for Spring and Fall applications
    - Addition of N-Ext RGS™ further enhances soil aeration
  - Low rate (3 oz / 1K sf):
    - Carbon based additive to fertilizer program to improve nutrient efficiency and soil fertility any time during the growing season



## 0-0-1 Soil & Plant Formula

- Biostimulant / Soil Amendment
- N-Ext RGS™ is the missing link in most fertilizer programs
- Designed to increase rooting potential (mass and depth) and decrease stress pressure caused by heat and drought
- Biologically active material contains Humic Acids and Sea Kelp to aid in color response
- Buffers and extends nitrogen release rates
- Adds oxygen to the soil profile for greater nutrient uptake
- Mixing / Application rates: 3 oz to 6 oz / 1K sf

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*“What I value most about the products, especially the N-Ext RGS product, is that they are easy to use and easy to integrate into your current system...and the results are fantastic!”*

*- Jesse Smith, President, Royal Greens, Frederick MD*

The logo for N-Ext Humic12 features the word "N-Ext" in a stylized, multi-colored font (orange, green, blue) above the word "Humic12" in a large, blue, italicized font. Below the logo, the text "0-0-1 Liquid Humic Acid" is written in a smaller, green font, followed by a trademark symbol (TM).

**N-Ext Humic12™**  
0-0-1 Liquid Humic Acid™

**N-Ext Humic12™**

- A fundamental foundation of topsoil fertility
- Benefits include:
  - Increased root growth
  - Increased chlorophyll content
  - Increased nutrient uptake
  - Improved soil structure
  - Improved water retention
  - Improved plant quality
  - Improved mineral chelation
- May be applied to all turf and planting beds at any time of the growing season
- Readily dispersed in most fertilizer or micronutrient products
- Mixing / Application rates vary. Please read and follow label directions for applications for:
  - Turf
  - Soil Drench



# N-Ext D-thatch™

0-0-2 Thatch Digester

- Designed to reduce thatch build-up in lawns that do not have the ability to be mechanically adjusted due to cultivar or time of season
- N-Ext D-Thatch™ focuses on composting thatch faster by encouraging microbial activity at the soil surface and increasing heat
- Dual Purpose Product / Application Rates
  - High Rate (6-9 oz / 1K sf):
    - Recommended for summer applications
    - Thatch is reduced and the organic matter is recycled as a food source for your turf
  - Low rate (3 oz / 1K sf):
    - Carbon based additive to fertilizer program to improve nutrient efficiency and soil fertility any time during the growing season
    - Stimulates increased root mass and depth
    - Excellent additive during periods of heat / drought stress to help turf / plants

# N-Ext Sea-K™

## 0-0-5 Stress Reducer, Bloom and Root

- N-Ext Sea-K™ contains a highly concentrated Sea Kelp derived from the cold waters of the North Atlantic
- Contains high concentrations of Auxins, Gibberellins and Cytonkinins
- Very low inputs
- Benefits of use are:
  - Deeper color
  - Increased rooting
  - Increased pest resistance
  - Increased drought protection
  - Increased nutrient uptake
  - Reduced senescence
- Low application inputs: always read and follow label directions.



### N-Ext BufferUp™ Tank Conditioner Raising pH

- Tank conditioner to Increase pH of liquid being applied

### N-Ext BufferDN™ Tank Conditioner Lowering pH

- Tank conditioner to lower pH of liquid being applied

# N-Ext Hydr8

Liquicure™  
Soil Surfactant / Wetting Agent

Hydr8 Liquicure™ is a Soil Applied Block Polymer Surfactant which:

- Treats the soil by absorbing strongly onto soil particles.
- Improves wetting characteristics of treated water.
- Provides residual control with good rewetting performance and long-lasting effect.
- Can be used effectively in a wide range of application conditions.
- Hydr8 Liquicure™ improves the infiltration and penetration of applied irrigation water in agricultural crops, ornamental plants and managed turf.
- It is formulated to minimize repellency of hydrophic soils, enhance adhesive tension, and relieve cohesion tension in water.
- Applications can be made via commercial tank sprayers, ride-on spreader/sprayers, hose end and pump sprayers, and most irrigation systems.



## FERTILIZER PRODUCTS

- Full Line of Liquid Fertilizers & Specialty Products
- High Performance Plant Nutrients
- Soil Amendments • Complete Products
- Custom Liquid Fertilizer Blending

Healthy turf starts with Greene County Fert.

# N-Charge<sup>28-0-0</sup>

## Enhanced Efficiency Controlled Release Liquid Nitrogen Blends

28% N-Charge™ (28-0-0) is Liquid UAN (Urea Ammonium Nitrate) solution blended with N-Ext Humic12™ and Excelis Maxx™ (LCN & Rhizovit Complex Urease Inhibitor).

- Well controlled low input liquid Nitrogen
- Consistent color and growth rate with no “surge growth”
- Application rate: .35 to .55 pounds of N / 1K sf (15 oz to 23 oz / 1K sf)
- Can be applied with ride-on sprayers
  - Minimum water carrier of 1 gallon / 1K sf

### Blends well with:

- N-Ext Air-8™
- Most often used blend @ 21/3 oz / 1K sf
- N-Ext RGS™
- N-Ext D-Thatch™
- 0-0-25 GreeneKick™
- 7-0-0 GreeNeEfFect™
- 16-21-2 GreenePOP™
- Can be tank mixed with any Greene County Fertilizer products

### When to Use

First and last fertility rounds @ 23 oz / 1K sf (.55 #N)  
Other fertility rounds @ +/- 15 oz / 1K sf (.35 #N)

# 26-0-0 GreeneCharge™

## Enhanced Efficiency Controlled Release Liquid Nitrogen Plus Micronutrients

26-0-0 GreeneCharge™ Liquid UAN (Urea Ammonium Nitrate) solution blended with 0-0-2 MicroGreene™ and Excelis Maxx™ (LCN & Rhizovit Complex Urease Inhibitor).

- Enhanced efficiency low input liquid Nitrogen with balanced micronutrient blend
- Consistent color and slow growth with no "surge growth"
- Application rate: .25 to .33 pounds of N / 1K sf (12 oz to 15 oz / 1K sf)
- Can be applied with ride-on sprayers
- Minimum water carrier of 1 gallon / 1K sf
- Contains micronutrients Iron, Sulfur, Magnesium, Manganese, Copper, Zinc
- Non-Food ingredients include Humic Acid and cold-water Kelp
- Safe for use on all turf types

### Blends well with:

- N-Ext RGS™
  - Most often used blend @ 15/3 oz / 1K sf
  - This application is 1/3# N + 3 oz RGS + 2.65 oz 0-0-2 MicroGreene™ per 1K sf in a ready to use blend
- N-Ext D-Thatch™
- 0-0-25 GreeneKick™
- 16-21-2 GreenePOP™
- Can be tank mixed with any GCFC products

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### When to Use

When turfgrass is actively growing @ +/- 15 oz / 1K sf (.33 #N) During periods of drought stress @ +/- 12 oz / 1K sf (.25 #N)

# 18-0-1 GreenePunch™

## Lawn Fertilizer

18-0-1 GreenePunch™ Lawn Fertilizer is a complete blended Nitrogen fertilizer with a high carbon content.

- Quick green-up and consistent color with minimal growth for 6-8 weeks
- Produces a strong and deep root mass
- Stimulates soil activity necessary for sustainable fertility
- Application rate: .13 to .26 pounds of N / 1K sf (9 oz to 18 oz / 1K sf)
- Contains micronutrients Sulfur and Iron
- Non-Food ingredients include Humic Acid and cold-water Kelp
- Can be tank mixed with any Greene County Fertilizer products
- Safe for use on all turf types
- Can be applied with ride-on sprayers
  - Minimum water carrier of 1 gallon / 1K sf

# 16-21-2 GreenePOP™

## Liquid Starter Fertilizer

### 16-21-2 GreenePOP™ Starter Fertilizer

- Engineered to deliver all that grass seed needs to germinate quickly and establish a strong root system
- Can be applied directly on top of seeds at time of planting
- Combination of Nitrogen, Phosphorous, Potassium, Humic Acid, and cold-water kelp prepares the soil and efficiently feeds newly rooting turf.
- Stand-alone application or low volume additive to a fertility program to address / correct Phosphorous deficiencies
- Safe for use on all turf types

#### Blends well with:

- 28% N-Charge™
- 26-0-0 GreeneCharge™
- Can be tank mixed with any GCFC products
- Application rate: .12 to .24 pounds of N / 1K sf (9 oz to 18 oz / 1K sf)
- Can be applied with ride-on sprayers
- Minimum water carrier of 1 gallon / 1K sf





## Chelated Iron

### 14-0-0 N-Ext Iron+™ Chelated Iron

- 14% Nitrogen, 5% Iron, & 1% Manganese blend
- Facilitates rapid plant response and long-lasting color
- A lignin-based chelation technique that allows for greater absorption and longer green color than EDTA or citric chelated Iron.
- Apply when iron deficiencies are present
- Safe for use on all turf types
- Formulated for use with low volume ride-on spreader-sprayers
- Minimum water dilution rate of 7-1
- Application rate: Apply at a maximum of 9 oz / 1K sf

# 9-0-1 GreeneStart™

## Multipurpose Fertilizer

### 9-0-1 GreeneStart™ Multipurpose Fertilizer

- Well balanced and complete plant nutrient / soil amendment / biostimulant fertilizer
- Contains micronutrients Iron, Sulfur, Magnesium, Manganese, Copper, Zinc

#### Best used for:

- "Low N" Turf application
- Moderate heat/drought stressed turf
- Seeding / Overseeding
- Non-foliar application on plants, shrubs, & trees
- Formulated to facilitate rapid seed germination and root development without risk to seed
- Significantly increases root mass and depth
- Stimulates considerable soil activity to significantly improve soil fertility
- Application rate .11 to .18 pounds of N / 1K sf (9 oz to 15 oz / 1K sf)
- Can be tank mixed with any GCFC products
- Safe for use on all turf types
- Can be applied with ride-on sprayers
  - Minimum water carrier of .5 gallon / 1K sf



# 7-0-0 GreeNeEfFect™

## Turf & Ornamental Fertilizer Plus 6% Iron

### 7-0-0 GreeNe EfFect™ Turf & Ornamental Fertilizer Plus 6% Iron

- 7% Nitrogen 6% Iron Blend
- Simple and Economic way to correct chlorosis issues
- Iron is chelated with citric acid to form an organic chelation bond
- Produces a deep green color to turf & a consistent greening effect on plants
- Excellent summer additive for cool season turf types
- Often tank blended with 0-0-2 MicroGreene™ for summer stress application
- Excellent spring & fall additive for warm season turf types
- Safe for use on all turf types
- Application rate: Apply at a rate of 3 - 12 oz / 1K sf
- Can be applied with ride-on sprayers
  - Minimum water dilution rate of 7-1



# 5-0-1 ProGreene™

## Pro Turf Fertilizer

- 5-0-1 ProGreene™ Fertilizer is a complete fertilizer for all varieties of turf grass and certain plant, shrub, and tree situations.
- Formulated to provide consistent color during periods when the soil is the most active; it will significantly increase root mass and depth therefore drought resistance.
- Product will stimulate soil microbial activity thus improving soil fertility.
- On cool season turf, it provides a margin of safety on non-irrigated lawns during periods of drought stress.
- On warm season turf, it is safe for feeding applications during warmer months or for lawns where there is clearly a need for soil re-mediation.
- Can be also used for soil (non-foliar applications on trees and shrubs).

### Mixing / Application rates:

- **Greens & Tees:** Apply at a rate of 1 gallon per acre weekly or 2 gallons every two weeks.
- **Lawns:** Apply at a maximum rate of 5 gallons per acre (15 oz per 1,000 sf) at an interval of 4 weeks as needed throughout the growing season. Dilute with enough water to cover 1 acre. Do not apply at less than a 7:1 dilution. Apply to all turf types at an interval of 4-8 wks. Recommended annual rate of 6-12 lbs N per acre.

# FloraGreen<sup>4-0-2</sup>™

Tree ▪ Shrub ▪ Palm ▪ Plant ▪ Garden  
& Ornamental Fertilizer

- 4-0-2 FloraGreen™ Fertilizer is a complete fertilizer for all varieties of landscape plants, ornamentals. Tropicals, palms, shrubs, and trees of all kinds.
- Formulated for foliar application (Very low inputs)
- Soil application optional (Required when temperature is above 80°)
- Product will absorb through leaf, stem, and cambium layer into the circulatory system of the tree/plant
- No risk of burn
- Contains micronutrients Iron, Sulfur, Magnesium, Manganese, Copper, Zinc
- Often tank blended with 0-0-2 MicroGreen™ for application to new plantings or distressed plants
- Often tank blended with N-Ext RGS™ or SeaK™ for application to flowering plants
- Can be applied to turf for lawns with significant soil fertility deficiencies.

## Mixing / Application rates:

- **Healthy plants, shrubs, trees:** 1 pt 4-0-2 in 5 gals of water will cover 2,000 sf of foliage surface area
- **Distressed plants, shrubs, trees:** 1 pt 4-0-2 + 8 oz 0-0-2 MicroGreen™ in 5 gals of water will cover 2,000 sf of foliage surface area
- **Flowering plants, shrubs, trees:** 1 pt 4-0-2 + 8 oz N-Ext RGS™ in 5 gals of water will cover 2,000 sf of foliage surface area

# 0-0-31 GreenePhite™

Potassium Phosphite Plant Fertilizer

## 0-0-31 GreenePhite™ Potassium Phosphite Plant Fertilizer

- Liquid Potassium Phosphite product for foliar or soil drench application
- Stimulates plant processes to help plant during periods of stress
- Product is safe for all turf types
- Remains in the liquid phase on leaf surfaces for a prolonged period of time and demonstrates spray adjuvant properties

Mixing / Application rates vary.  
Please read and follow label  
directions for applications for:

- Turf
- General nursery /  
greenhouse plants
- Trees / Shrubs

# MicroGreene<sup>0-0-2</sup> / MicroGreene<sup>SK</sup>

0-0-2 Fertilizers

## 0-0-2 MicroGreene™

- Versatile, complete, efficient and affordable liquid micro-nutrient fertilizer and soil amendment
- Formulated for soil fertility and plant health
- Product will meet the micro-nutrient needs of all turf types
- Increases root mass and depth
- Increases Soil Organic Matter which has a profound impact on plant health, soil fertility, soil water holding capacity
- Stand-alone turf application during “Fertilizer Ordinance” blackout periods where application of Nitrogen and Phosphorous are prohibited
- Contains micronutrients Iron 3%, Sulfur 3%, Magnesium .5%, Manganese .25%, Copper .05%, Zinc .15%
- Contains biostimulants Humic Acid 3%, cold-water kelp 2%

## 0-0-2 MicroGreeneSK™

- 0-0-2 MicroGreene™ supercharged with 50% more cold-water sea kelp for increased plant response.



## Potassium Turf Fertilizer

### 0-0-25 GreeneKick™ Potassium Turf Fertilizer

- Liquid Potassium Carbonate product for foliar or soil drench application
- Helps correct Potassium deficiency in plants and improve stress tolerance
- Provides 100% soluble potassium to plants
- Can be applied through foliar and root feeding to provide dual efficacy during growing season to achieve faster results
- Recommended for turf, tropicals, ornamentals, shrubs, and trees
- Low salt index / Does not contain Chlorides

Mixing / Application rates vary. Please read and follow label directions for applications for:

- Turf
- Tropicals / Ornamentals
- Trees / Shrubs





## PACKAGING

- 275 gallon IBC tote
- 5 gallon buckets
- 2.5 gallon jugs
- 1 gallon bottles

### 5 gallon buckets

- 1 pallet equals 36 buckets • 180 gallons

### 2.5 gallon jugs

- 1 case equals 2 jugs
- 1 pallet equals 36 cases • 180 gallons

### 1 gallon bottles

- 1 case equals 4 bottles
- 1 pallet equals 48 cases • 192 gallons

Call for quote: Truck Load • Tanker • Intermodal

## Honey Badger Custom Blend™ Formula A

Honey Badger Custom Blend™ Formula A is a robust combination utilizing three of our most popular proven products. While the N-Ext Air-8™ is aggregating tight soils and allowing atmospheric oxygen to enter the soil profile it takes along with it the root mass and deeper rooting benefits of N-Ext Sea-K™ and the robust microbial building benefits of N-Ext D-Thatch™. An aggressive approach to getting stubborn soils to respond faster. More oxygen, more roots, more biology quicker.

Product is intended to be used as an additive to current fertilizer program. Apply at a rate of 9 oz. per 1,000 sq. ft. in early spring, seeding, new sod installs or late fall. (Minimum dilution with water 7:1).

### Usage rates and timing circumstance applications

- **Seeding:** apply 6-9 oz. at seeding with starter fertilizer like 16-21-2 GreenePOP™ (increases seed germination success; increases soil biology; aggregates soil allowing oxygen into the soil profile; helps reduce nutrient stratification.)
- **Sod Installation:** apply 6 oz. per 1,000 sq. ft. over the top of freshly installed turf and watered-in (anytime sod can be installed during the growing season, sod roots attach quicker).
- **1st and last round applications:** quicker green-up from cold anaerobic soils, apply 9 oz. per 1,000 sq. ft.
- **Hydroseeding:** dispense 5 gallons in every 500 gallons of finished solution. (Higher seed germination success; increased water holding capacity; improved soil structure).
- **Construction-robbed soils:** apply 9 oz. per 1,000 sq. ft. anytime of the year to improve soil health, nutrient efficacy, increase root cycling and soil biology. This is best combined with Honey Badger Custom Blend™ H.

## Honey Badger Custom Blend™ Formula H

Honey Badger Custom Blend™ Formula H is all of the benefits of our N-Ext Humic 12™, a baseline 12% Humic Acid formula combined with our Sea-K™ and D-Thatch™. This is a heavy lifter for deprived low organic matter and drought-stricken soils. Honey Badger H provides the following biostimulants synergistic benefits.

- Increased nutrient uptake
- Increased rooting
- Improved water retention
- Improved soil structure
- Improved turf quality

Apply 3 oz. per 1,000 sq. ft. any time of the season; 6-9 oz. as an additive to a regular fertilization program. 15 oz. per 1,000 sq. ft. after sod installations and dry growing conditions. (Minimum dilution with water 7:1).

### Usage rates and timing circumstance applications

- **Sod Installation:** apply 15 oz. per 1,000 sq. ft. over the top of freshly installed turf and watered in (anytime sod can be installed during the growing season).
- **New customer initial visit:** poor soil conditions will respond quicker; apply 15 oz. per 1,000 sq. ft.
- **Drought or heat damaged turf:** apply during the summer months 6-9 oz. per 1,000 sq. ft. (turf will recover faster and healthier once rainfall recommences).
- **Hydroseeding:** dispense 5 gallons in every 500 gallons of finished solution. (Higher seed germination success; increased water holding capacity; improved soil structure).
- **Honey Badger Custom Blend™ H** can be used at 3 oz. per 1,000 sq. ft. anytime of the year to improve soil health, nutrient efficacy. Can be used with post-emergent, pre-emergent, insecticides and fungicides.



Grow your business, we'll grow your turf.

Greene County Fertilizer Company's bio-based fertilizers are blended to feed plants, improve soil fertility and build topsoil, are proven to be effective stand-alone nutrient fertilizers, on turf and ornamentals, in areas where fertilization regulations are implemented, and high-quality supplements to existing fertility programs.

Greene County Fertilizer Company's fertilizers and specialty fertility products are made in their 30,000 sq. ft. manufacturing plant/corporate headquarters in Greensboro, Georgia.

[GreeneCountyFert.com](http://GreeneCountyFert.com)

