

PRODUCT CATALOG



AmeriTurf

Your success is our priority

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A Greener World, One Relationship At A Time

Your success is our priority. This makes AmeriTurf different; these are more than words, it is our mission in every product we distribute, every recommendation we provide, and every customer we serve.

Each relationship we build with customers across the nation is far more important to us than the transactions we manage. Unlike many of the large corporations, we focus on distribution – working with industry-leading, top quality manufacturers that complement our service, support and state-of-the-art product performance selections.

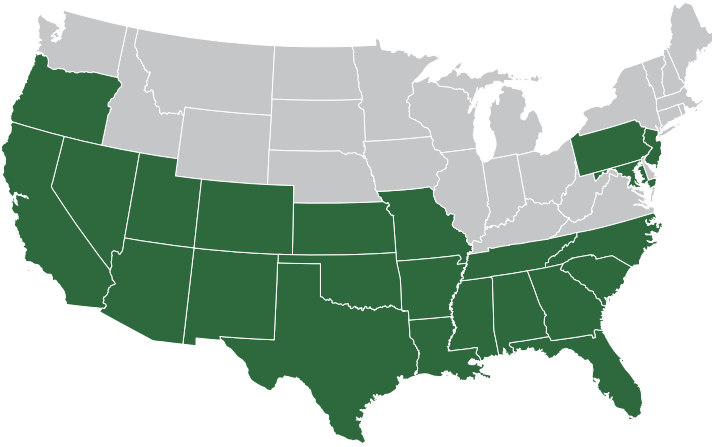
The team of professionals that represent our products are dedicated to service, providing each customer with agronomic recommendations based on best practices for the turfgrass, soil and water conditions that are unique to each location. Environmental responsibility is also key to our approach, always with an emphasis on low-input, high-impact solutions that increase plant response while minimizing nutrient loss.

AmeriTurf is a family-owned and operated company, with management that maintains a presence in the field with our customers.

Our size – with representation more than 20 states, from coast-to-coast – means that you are assured of competitive pricing and a full range of the best products in the industry.

A dedication to agronomic best practices, backed by superior products, state-of-the-art logistics and experienced professionals, makes **AmeriTurf** the preferred vendor for nearly 2,000 golf courses and sports fields in the U.S.





Our Commitment To Service At Every Level

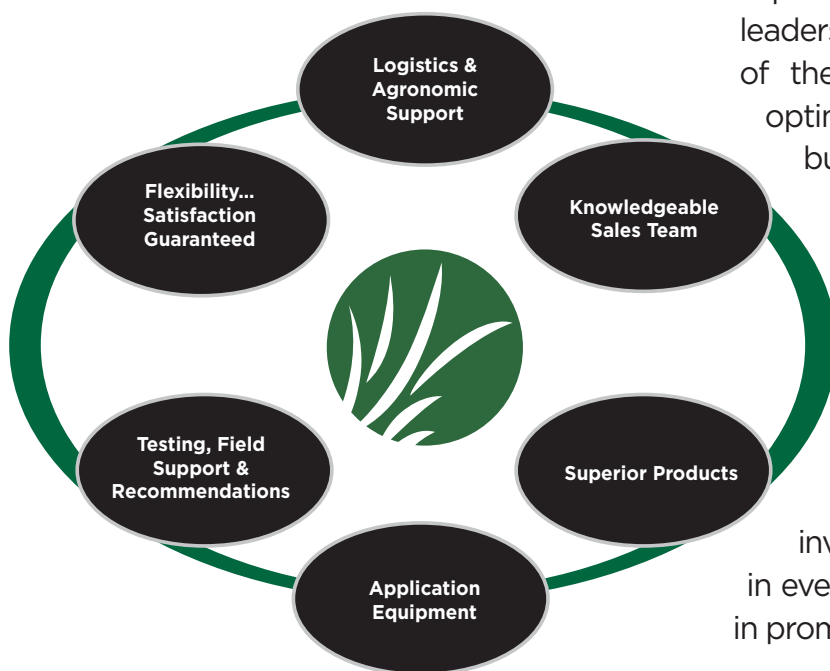
Our industry has dozens of manufacturers and distributors, all claiming to be the “best,” or the “cheapest,” or whatever the new buzz-word of the moment. At **AmeriTurf**, we are first and foremost focused on solutions that respond to your agronomic situation within the real budget constraints that are a very real part of the business of golf.

That means we will take the time to understand your soil conditions, the water used to irrigate your course (the largest single “input” on any golf course!), and your operations goals and requirements. Only then will we provide a recommendation that has been shown to produce optimum plant response.

Before, during and after your order, you can count on our system of agronomic support, logistical follow-through, relentless product testing and a guarantee of your satisfaction.

The **AmeriTurf** team includes former golf course superintendents and experienced industry leaders, providing us with a solid understanding of the challenges you face with maintaining optimal playing conditions and staying within a budget. That’s why we carefully select the products offered in our programs, ensuring you the highest value for your investment!

More than 2,000 golf courses across the country trust in **AmeriTurf** for agronomic recommendations, superior products and reliable delivery and invoicing. With agent representatives located in every major market, you can have confidence in prompt, dependable and proven service.



Carbon Technology Ensuring Stronger Plant Growth

Plant composition

H = 5%
O = 40%
C = 45%

Carbon comprises more of a plant's physiology than any other element, yet it is often the least discussed aspect of plant nutrition.

As the building block of all living things, Carbon is essential to proper soil composition, plant metabolism and nutrient efficiency.

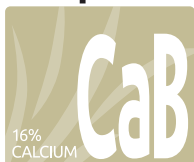
In the form of Amino Acids, **Charger** is a soluble Carbon technology designed to enhance microbial activity in the root zone of your Turfgrass. This Carbon technology, which is an integral part of Component fertilizers, complexes and chelates nutrients, provides microbial food sources, improves soil stability, buffers chemistry and is available for plant uptake.

What this means to you is greater nutrient uptake and efficiency, enhanced microbial activity, and stronger plant growth to maximize the genetic potential of your turfgrass.

Products Powered by



Component®



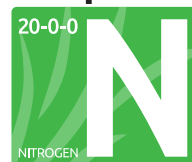
Component®



Component®



Component®



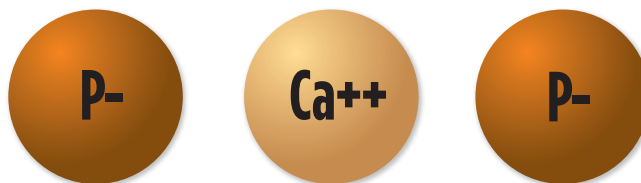
Protecting And Releasing Nutrients For Greater Efficiency

Nutrient tie-up in soil is among the greatest wastes of input investment, preventing plant availability and leading to potential leaching in ground and surface water.

Unlike EDTA or aminos, **RLS** is a purified Humic Acid input, derived from the smallest 2% of Humic molecules.

RLS complexes nutrients, allowing for lower inputs rates and reducing tie-up and fixation.

Beyond its capabilities as a complexing agent, **RLS** also releases tied-up nutrients in the soil. It also promotes beneficial microbial activity, increasing plant availability of nutrients.



Soil tie-up happens instantly without proper nutrient complexing and chelation, making the nutrients unavailable for plant uptake, and essentially wasting your input investment.

Powered by



Component®

1-5-4

Core**Carbon-based
turfgrass fertility**

Component Core is a well-balanced nutritional package containing key plant nutrients and highly available carbon.

- Carbon based to provide a strong microbial food source, excellent complexing/chelation properties and available carbon for plant uptake
- Low Nitrogen content, which allows for higher level of growth and response management
- As a key component of greens fertility programs, **Component Core** requires only Nitrogen and Calcium for optimal nutrition in a general maintenance program

Analysis**1-5-4**

Total Nitrogen (N).....	1.00%
Available Phosphate (P205)	5.00%
Soluble Potash (K20).....	4.00%
Magnesium (Mg)	1.00%
Boron (B).....	0.10%
Chelated Iron (Fe).....	0.50%
Chelated Manganese (Mn).....	0.50%

Derived from: Soy Protein Hydrosalate, Monopotassium Phosphate, Potassium Citrate, Magnesium Oxide, Disodium Octaborate Tetrahydrate, Ferrous Citrate and Manganese Citrate.

pH 2.9

Powered by

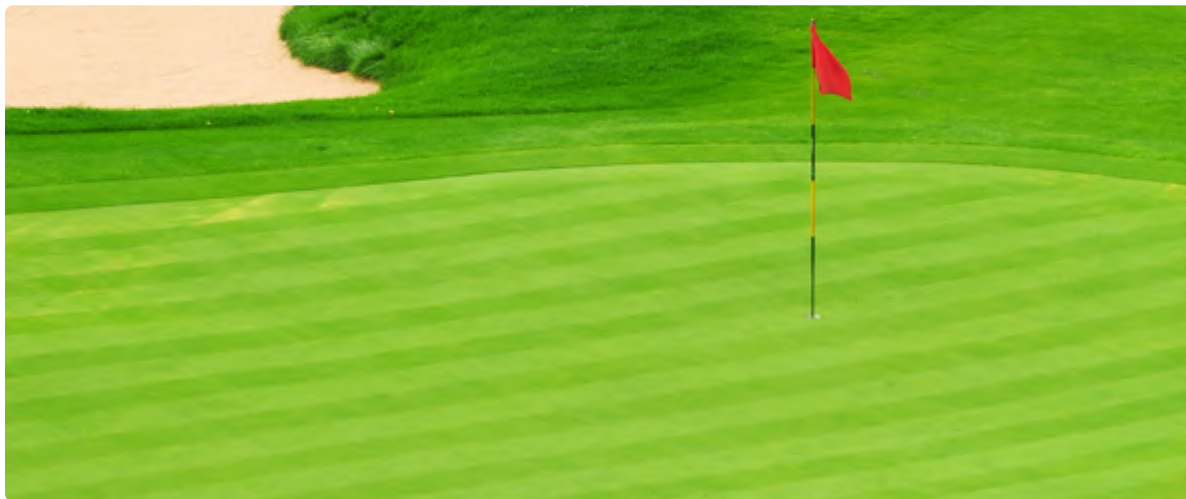
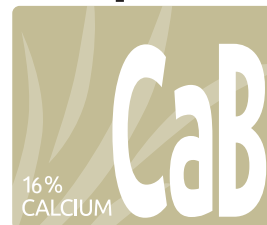


Pack sizes: 2 x 2.5 gal, 55 gal drum | Carbon Content: 9.4%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Component®

Optimized calcium with boron. A one-two punch!



Component CaB strengthens the cellular walls, ultimately reducing wear and improving plant resistance to abiotic and biotic stress.

Analysis

Calcium (Ca) 16.00%

Boron (B) 0.50%

Derived From: Calcium Carbonate, and Boric Acid.

ALSO CONTAINS NON-PLANT FOOD INGREDIENT(S):
20.00% Corn Steep Liquor.

pH 6.3

Powered by

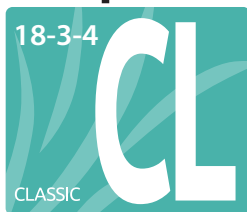


- Ionic Calcium and Boron complexed and chelated to reduce tie up and fixation while remaining highly available to the plant
- Nutritional Calcium and Boron designed for maximum uptake and plant efficiency
- Calcium nutrition without Sulfate, Chloride or Nitrate baggage
- Boron to assist in Calcium uptake and translocation

Pack sizes: 2 x 2.5 gal, 55 gal drum | Carbon Content: 10.6%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Component®



A more complete nutrient option for turf



Component CL delivers a complete blend of NPK and micronutrients for dependable turfgrass strength and color as part of standard maintenance.

- Carbon based to provide a strong microbial food source, excellent complexing properties and available carbon for plant uptake.
- Amino acids and sugars provide essential “food” to enhance the microbial activity that is critical for nutrient availability and plant uptake.
- Contains fully-chelated Iron and Manganese for enhanced color and response on greens.

Analysis

18-3-4

Total Nitrogen (N)	18.00%
18.00% Urea Nitrogen	
Available Phosphate (P2O5)	3.00%
Soluble Potassium (K2O).....	4.00%
Chelated Iron (Fe).....	0.50%
Chelated Manganese (Mn)	0.05%

Derived from: Urea, Monopotassium Phosphate, Potassium Hydroxide, Potassium Citrate, Ferrous Citrate and Manganese Citrate.

pH 7.7

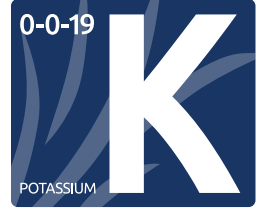


Pack sizes: 2 x 2.5 gal, 55 gal drum | Carbon Content: 9.12%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

A superior choice for potassium nutrition

Component[®]



Component K is specially designed to enhance Potassium uptake and performance, utilizing carbon based technology.

Analysis

0-0-19

Soluble Potash (K₂O) 19.00%

Derived from: Potassium Citrate, Corn Steep Liquor.

pH 7.0

Powered by



- Charger is a soluble carbon technology designed to enhance microbial activity in the root zone
- Potassium activates enzymes, regulates stomate function and facilitates nutrient and water transport in the plant
- **Component K** enhances root development and root mass, increasing your turf's viability in stress conditions and its ability to absorb soil nutrients
- Very low salt content
- Provides abundant organic acids

Pack sizes: 2 x 2.5 gal, 55 gal drum | Carbon Content: 10.9%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Component®

Enhance the color and response of turf



Component M generates vibrant turf color through a well balanced package of four micronutrients and amino acids, supported by carbon technology.

- Charger is a soluble carbon technology designed to enhance microbial activity in the root zone
- The micronutrients in **Component M** are specifically balanced to:
 - ✓ Enhance color
 - ✓ Facilitate the plant's synthesis of chlorophyll
 - ✓ Enhance enzyme activation

Analysis

2-0-0

Total Nitrogen (N)	2.00%
Magnesium (Mg)	2.00%
Iron (Fe)	3.00%
Manganese (Mn)	1.00%
Zinc (Zn)	0.25%

Derived from: Magnesium Nitrate, Ferrous Sulfate, Manganese Sulfate, and Zinc Sulfate.

ALSO CONTAINS NON-PLANT FOOD
INGREDIENT(S): 20.00% Corn Steep Liquor.

pH 2.75

Powered by

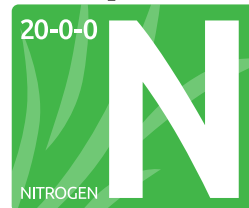


Pack sizes: 2 x 2.5 gal | Carbon Content: 4.96%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Superb green-up with controlled growth

Component®



Component N provides predictable nitrogen technology that is engineered to deliver nitrogen balanced with soluble carbon for optimum efficiency.

Analysis

20-0-0

Total Nitrogen (N) 20.00%

4.60% Nitrate Nitrogen

3.40% Ammoniacal Nitrogen*

12.00% Urea Nitrogen*

Magnesium (Mg) 1.00%

Derived from: Ammonium Nitrate, Urea, and Magnesium Nitrate.

*3.4% Ammoniacal Nitrogen and 12.0% Urea Nitrogen stabilized with Dicyandiamide

ALSO CONTAINS NON-PLANT FOOD INGREDIENT(S):
10.00% Corn Steep Liquor.

pH 4.8

- Charger is a soluble carbon technology designed to enhance microbial activity in the root zone
- Stabilized Urea improves efficiency by reducing volatility and leaching
- Magnesium is added to support Chlorophyll production, enhancing color and response
- Multi-source Nitrogen stimulates early green-up for great looking greens

Powered by



Pack sizes: 2 x 2.5 gal, 55 gal drum | Carbon Content: 7.67%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Component®

0-3-18

STRESS
RELIEF

PK

Stress relief and root development for turfgrass



Component PK enhances stress resistance and provides the nutrients for stress relief, along with elements to encourage root growth.

- Combines 15% phosphite and 3% phosphate to alleviate plant stress and enhance overall plant response
- The phosphite in **Component PK** helps trigger self-defense mechanisms within the plant
- Rooting hormones enhance both rooting and root mass

Analysis

0-3-18

Available Phosphate (P₂O₅) 3.00%

Soluble Potash (K₂O) 18.00%

Derived From: Potassium Hydroxide and Monopotassium Phosphate.

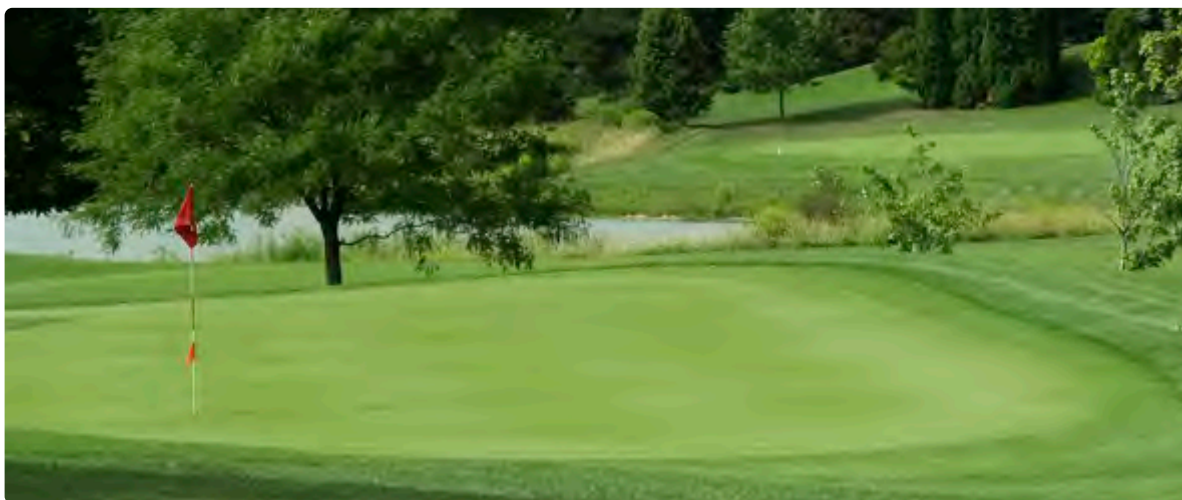
pH 7.0

Pack sizes: 2 x 2.5 gal, 55 gal drum | Carbon Content: 1.0%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Delivers enhanced root development

Component®



Component R is specifically designed to aid in plant root development, particularly after establishment, giving you responsive and more vibrant turf.

Analysis

0-0-6

Soluble Potash (K₂O)6.00%

Derived from: Potassium Hydroxide and Kelp Extract (Ascophyllum Nodosum)

ALSO CONTAINS NON-PLANT FOOD INGREDIENT(S):
2.50% Humic Acid (Derived from Leonardite)

pH 5.1

- Root-promoting technology which combines humic acids, Ascophyllum Nodosum (seaweed extract), and micro catalysts to deliver enhanced root development and performance
- **Component R** enhances root development and root mass, increasing your turf's viability in stress conditions and its ability to absorb soil nutrients
- A great combo with **Component PK** to relieve summer stress

Pack sizes: 2 x 2.5 gal, 55 gal drum | Carbon Content: 5.50%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.



A complete fairway nutrient product



Ruckus provides the essential nutrition for fairway maintenance, keeping grass vibrant, while boosting root mass and stress resistance.

- Enhances plant vibrancy, and assists in regulating growth
- Complexed and chelated nutrients are protected from soil tie-up
- Aids in photosynthesis, root strength and increased protein production
- Improves microbial activity



Analysis

0-6-12

Available Phosphate (P2O5)	6.00%
Soluble Potash (K2O)	12.00%
Magnesium (Mg)	1.00%
Boron (B)	0.10%
Iron (Fe).....	0.50%
Manganese (Mn).....	0.50%
0.50% Water Soluble Manganese (Mn)	

Derived From: Monopotassium Phosphate, Potassium Citrate, Magnesium Oxide, Disodium Octaborate Tetrahydrate, Ferrous Sulfate and Manganese Sulfate.

pH 6.7

Pack sizes: 2 x 2.5 gal, 55 gal drum, 250 gal tote | Carbon Content: 6.42%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Sound carbon base for soil nutrient management



Backbone provides a unique tool for soil nutrient management, with longer carbon chains for extended soil and nutrient benefits.

Guaranteed Analysis

0-0-6

Soluble Potash (K₂O).....6.00%

Magnesium (Mg)1.00%

1.00% Water Soluble Magnesium (Mg)

Derived from: Potassium Citrate and Magnesium Oxide.

pH 9.12

- Chelated nutrients ensure greater availability and higher plant uptake.
- Improves nutrient and moisture-holding capacity
- Excellent microbial benefits
- Complexed and chelated nutrients are protected from soil and chemical tie-up, increasing response from very low inputs



Pack Sizes: 2x2.5 gal, 55 gal drum | Carbon Content: 7.67%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.



The micronutrient package designed to stimulate growth and color



Iron+Micros contains the combination of Nitrogen, Iron, Manganese, Zinc, and Copper to provide long-lasting color.

- Iron, an essential element for chlorophyll production, enhances color response
- Includes Sulfur, Copper, Magnanese and Zinc for improved plant color, vigor, and quality
- Micronutrients enhance resistance to stress and promote effective plant metabolism
- Formulation includes Nitrogen to facilitate micronutrient uptake

Analysis

12-0-0

Total Nitrogen (N)	12.00%
Sulfur (S)	4.00%
Copper (Cu)	0.10%
Iron (Fe).....	6.00%
Chelated Manganese (Mn).....	0.50%
Chelated Zinc (Zn).....	0.10%

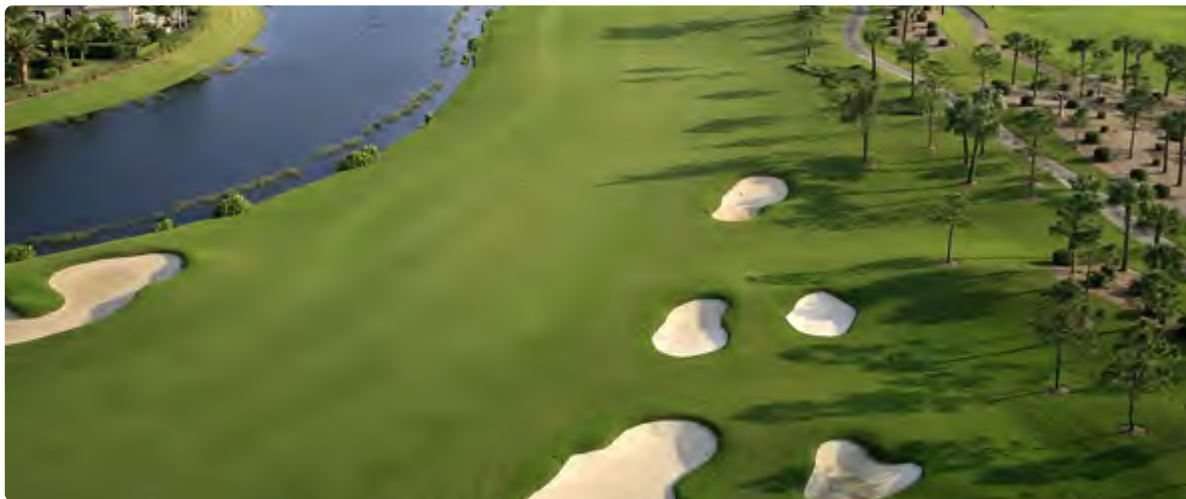
Derived from: Urea, Copper Sulfate, Ferrous Sulfate, Manganese Citrate and Zinc Citrate.

Pack sizes: 2 x 2.5 gal, 55 gal drum, 250 gal tote | Carbon Content: 6.86%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Multi-source nitrogen with magnesium for optimum growth

Fairway N
24-0-0



Fairway N provides the superior Nitrogen package for your fairways, combined with Magnesium to maximize color response and quality.

Analysis

24-0-0

Total Nitrogen (N)24.00%

5.00% Nitrate Nitrogen

4.00% Ammoniacal Nitrogen*

15.00% Urea Nitrogen*

Magnesium(Mg)1.00%

Derived from: Urea, Ammonium Nitrate and Magnesium Nitrate.

* Stabilized with N-(N-Butyl) thiophosphoric triamide and N-Methyl-2-pyrrolidinone.

pH 7.1

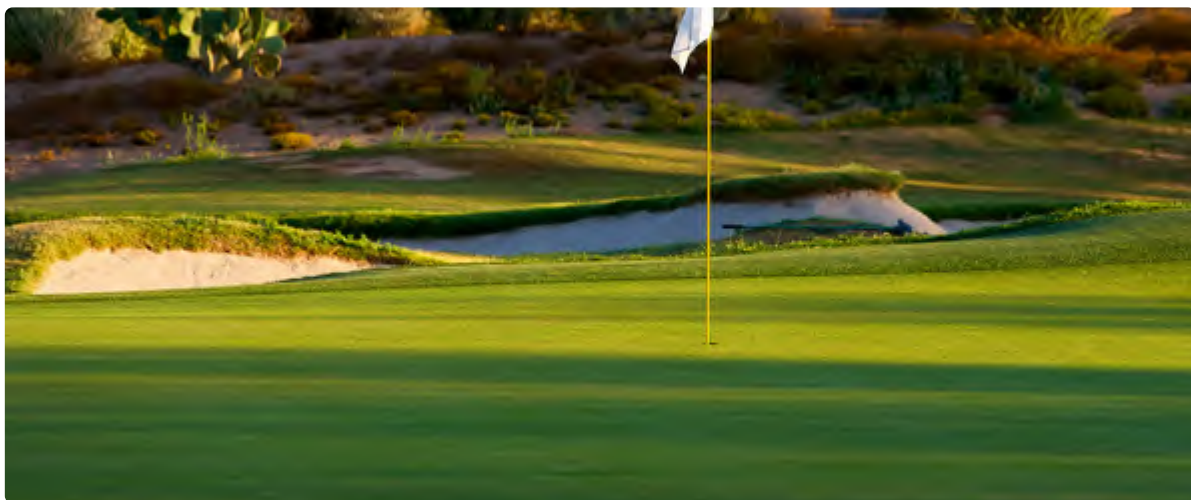
- Revolutionary nitrogen nutrition engineered with three forms of nitrogen technologies (nitrate, ammoniacal stabilized, and urea stabilized) to deliver balanced nitrogen nutrition for optimal plant utilization
- Enhanced non-staining Magnesium formulation to stimulate and maximize chlorophyll production for improved plant color, vigor, and quality

Pack sizes: 2 x 2.5 gal, 55 gal drum, 250 gal tote | Carbon Content: 7.24%

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.



Effective water management for intensively maintained turfgrass



Cycle is designed to rapidly re-wet root zones.

- Manages hydrophobic soils and reduces LDS (localized dry spot)
- Improves irrigation efficiency by dissolving bicarbonate salts and providing uniform water infiltration (5% carboxylic acids)
- Excellent tank mix partner and buffer

Non-Plant Food Ingredients

5.0%	Carboxylic Acids
90.0%	Nonionic surfactants
5.0%	Water

All ingredients are exempt from tolerance under 40 CFR 180.

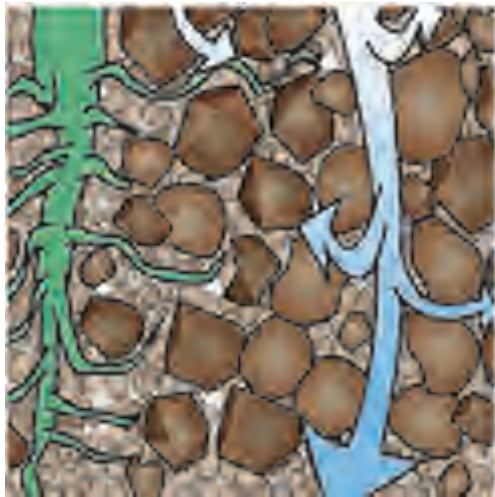
Pack sizes: 2 x 2.5 gal, 5 gal drum, 250 gal tote

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

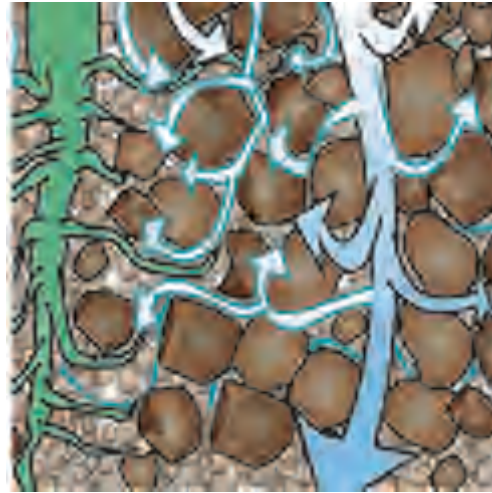
Improve irrigation and rainfall efficiency

MultiPath

Surface Tension Reducer



Most applied irrigation moves through the macropores.



MultiPath increases water movement into micropore space and in contact with root hairs, improving application uptake.

MultiPath is a high-efficiency surfactant, reducing surface tension and increasing water infiltration into the micropore areas where roots uptake nutrients.

Non-Plant Food Ingredients

7% Carboxylic Acids

17% Nonionic Surfactants

Inert Ingredients:

76% Water

All ingredients are exempt from tolerance under 40 CFR 180.

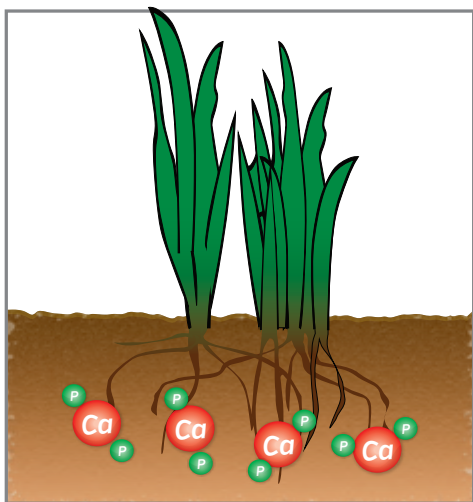
- Reduces surface tension, improving water movement into compact soils and difficult to hydrate micropore space
- Contains 3 types of carboxylic acids that aid in solubilizing bicarbonates, alleviating sealed off surfaces
- Ideal to spray with growth regulators and products benefiting from improved contact, increasing uptake. MultiPath does not require immediate irrigation to be effective, and is approved for fertigation and injection systems
- Release and protect nutrients in root zone. As a tank buffer, MultiPath mitigates issues with high pH water, while complexing and chelating nutrients in solution

Pack sizes: 2 x 2.5 gal, 55 gal drum, 250 gal tote

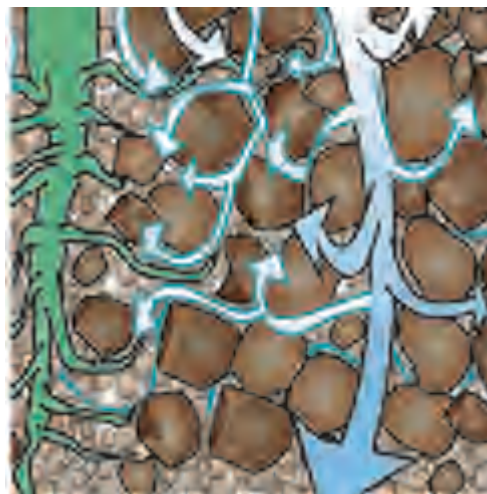
Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.



Enhance water movement and release nutrients for greater plant response



This unique blend of Humic Acids has been proven to release tie-up of Phosphorus from positively charged elements such as Calcium, Zinc and Iron, while also enhancing microbial activity in the root zone.



NutriPath Improves water movement into hydrophobic micro pores improving contact with root hairs that are responsible for water and nutrient uptake

NutriPath is a high-efficiency surfactant with the added dimension of releasing plant-available nutrients within the root zone.

- Reduces surface tension, improving water movement into compact soils and difficult to hydrate micropore space
- Complexes and chelates nutrients, reducing tie-up and fixation
- Increases nutrient availability, supporting your inputs
- Ideal in spray programs with growth regulators, contact and soil based chemistry
- NutriPath does not require immediate irrigation and is approved for and effective in fertigation systems
- Improves biological activity

Non-Plant Food Ingredients

3.0%	Humic Acid (derived from Leonardite)
8.5%	Carboxylic Acids
17.0%	Nonionic surfactants
71.5%	Inert Ingredients

All ingredients are exempt from tolerance under 40 CFR 180.



Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Improve Soil Structure and Water Movement



CalciPath is a superior surfactant reinforced with chelated Calcium. This combination creates soil conditions that increase root mass and facilitates nutrient uptake.

Guaranteed Analysis

Calcium (Ca) 10.00%

Derived from: Calcium Carbonate

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

6.00%. Non-Ionic Surfactants

- 10% Calcium for enhanced soil structure
- 6% Surfactant to improve water movement in the soil
- Chelated Calcium remains available and useful in the root zone

Pack sizes: 2 x 2.5 gal, 55 gal drum, 250 gal tote

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.



Spray surfactant

90-10

Non-Ionic Surfactant

“Universal surfactant technology that improves weed uptake”

For use with products such as:

Acclaim® (Fenoxaprop-p-ethyl)	Manor® (Metsulfuron Methyl Methyl)	Remedy® (Triclopyr)
Confront® (Triclopyr, Clopyralid)	Negate (Rimsulfuron, Metsulfuron methyl)	Reward® (Diquat Dibromide)
Illoxan® (Diclofop-Methyl)	Princep® (Simazine)	Scythe® (Pelargonic Acid)
Lontrel® (Clopyralid)	Quicksilver™ (Carfentrazone-ethyl)	Sencor® (Metribuzin)

A commonly utilized non-ionic surfactant technology that improves droplet size, wetting, and enhances spray penetration into the plant for desired results.

Pack Size: 4 x 1 gallon case

Rates: 1-2 pints per 100 gallons of water

Choosing The Right Surfactant:

Each of the **Club Line** spray surfactants is designed to achieve particular goals, and is best mixed with specific chemical products.

Contact your AmeriTurf representative for more information and recommendations, and visit our website at **www.AmeriTurf.com**.

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Dyes & pigments



Long-lasting and convenient solutions for adding highly vibrant color

Super Strength

GREEN DYE

A superior green dye formulated with the highest pure dye content for liquid spray pattern indicators. Provides highly visible color on the leaf blade at very low use rates.

Pack Size: 12 x 1 quart case

Rates: 6-10 ounces per 100 gallons of water

Super Strength

BLUE DYE

A superior blue dye formulated with the highest pure dye content for liquid spray pattern indicators. Provides highly visible color on the leaf blade at very low use rates.

Pack Size: 12 x 1 quart case

Rates: 6-10 ounces per 100 gallons of water

VERDE

Concentrated Pigment

A deep green pigment that provides spray pattern indication, long lasting color, and plant protection with copper-based phthalocyanine. Spray at least twice before turf goes dormant, to provide extended green color and improved spring green up.

Pack Size: 12 x 1 quart case

Rates: 16-20 ounces per 100 gallons of water



Spray tank maintenance

ANTI-FOAM

Defoaming Agent

“A dual action foaming agent that eliminates the foam and keeps it from coming back”



A concentrated blend of surfactant agents that provides two modes of foam control: add to tank first to keep foam from forming or add to tank to knockdown existing foam.

Pack Size: 12 x 1 quart case

Rates: 1 -2 ounces per 100 gallons of water

TANK CLEANER

Eliminates Tank Residue

“Advanced cleaning properties for optimum pesticide residue removal”



A liquid tank cleaner designed to remove pesticide residues from spray tanks at low usage rates with corrosion inhibiting properties.

Pack Size:
1 quart per 100 gallons

Rates of water:
(400:1 dilution ratio)

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

The high-efficiency granular calcium supplement

Turf-Gyp+

*Standard
Granule Grade
For Fairways,
Roughs and
Landscaping*



*Super-Fine
Grade
For Golf
Greens & Tees*



TurfGyp+ is a highly-efficient Calcium supplement designed to enhance soil structure for improved water and nutrient movement through the root zone, for plant cell structure and improved water and nutrient efficiency, and for soil salinity management.

ANALYSIS

Calcium (Ca) 22.50%
Combined Sulfur (S) 19%
Calcium Sulfate Dihydrate ($\text{CaSO}_4 + 2\text{H}_2\text{O}$)..96.0%

Derived from: Calcium Sulfate Dihydrate

See Product Label For More Details, Including "Derived From" Information and Application Rates.

Protene[®]
Performance Fertilizer

ProteneUSA.com



**Highly available source of
Calcium and Sulfur**



**Very low application rates
compared to typical Gypsum**



High purity



Soil salinity management



22.5% Ca - 19% S

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.



The contact solution to turf disease

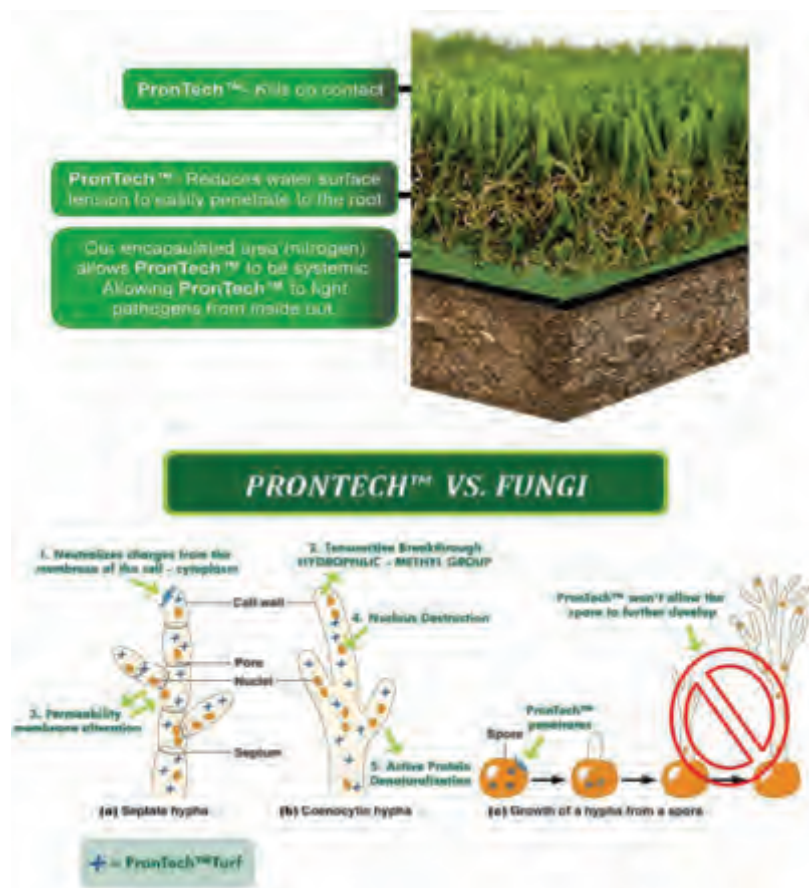
PronTech™ Turf is a contact fungicide, bactericide, virucide and algaecide with a unique mode of action.

It treats, controls and prevents a broad range of foliar and root diseases in turf grass.

PronTech™ Turf treats, controls and prevents foliar and root diseases in turf grass such as Pythium, Fusarium, Dollar Spot, Xanthomonas, Brown Patch, and many others.

Benefits of **PronTech™ Turf**:

- Systemic and contact control
- Curative and preventative action
- Neutral pH - works in a pH range of 3 to 11
- 40% active ingredient in granular form obtaining a higher yield
- Residual benefit - capable of superior coverage for prolonged time after application
- Safe for workers and the environment when used as directed
- Easy-handling granular formulation
- Consistent performance
- At 200 ppm of active ingredient, PronTech™ is able to eliminate 99.999% of microorganisms on contact in 30 seconds in hard water up to 550ppm of CaCO_3



Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Recommended Product Application Rates

Updated: 1/10/22

Backbone	TURF SPRAY APPLICATION: Apply 1 to 3 ounces per 1,000 sq. ft. or 32 to 128 ounces per acre in a minimum of 1 gallon per acre of water. Weekly to monthly on Greens, bi-weekly to monthly on Tees, Approaches, and Fairways.
Component Core	TURF SPRAY APPLICATION: Apply 1 to 6 ounces of Component Core per 1,000 sq. ft. every 7 to 14 days in at least 1 gallon of water. Apply only as directed.
Component CaB	TURF SPRAY APPLICATION: Apply 1 to 6 ounces of Component CaB per 1,000 sq. ft. every 7 to 14 days in at least 1 gallon of water. Higher rates of 6 to 12 ounces per 1,000 sq. ft. can be used for soil drench applications with at least 3 gallons of water. Apply only as directed.
Component CL	TURF SPRAY APPLICATION: Apply 3 to 9 ounces of Component CL per 1,000 sq ft every 7 to 14 days in at least 1 gallon of water. Apply only as directed.
Component K	TURF SPRAY APPLICATION: Apply 1 to 9 ounces of Component K per 1,000 sq. ft. every 7 to 14 days in at least 1 gallon of water. Apply only as directed.
Component M	TURF SPRAY APPLICATION: Apply 1 to 6 ounces of Component M per 1,000 sq. ft. every 7 to 14 days in at least 1 gallon of water. Apply 4 to 6 ounces per 1,000 sq. ft. to correct severe micronutrient deficiencies in the plant. Apply only as directed.
Component N	TURF SPRAY APPLICATION: Apply 3 to 9 ounces of Component N per 1,000 sq. ft. every 7 to 14 days in at least 1 gallon of water. Apply only as directed.
Component PK	TURF SPRAY APPLICATION: Apply 3 to 9 ounces of Component PK per 1,000 sq. ft. every 7 to 14 days in at least 1 gallon of water. Apply only as directed.

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

Component R	TURF SPRAY APPLICATION: Apply 3 to 12 ounces of Component R per 1,000 sq. ft. every 7 to 14 days in at least 1 gallon of water. After aerification or transplants, apply 6 to 12 ounces per 1,000 sq. ft. Apply only as directed.
Cycle	MONTHLY APPLICATIONS: Apply Cycle® at a rate of 4 ounces in a minimum of 2 gallons of water per 1,000 sq. ft. 2-WEEK APPLICATIONS: First apply Cycle® at a rate of 4 ounces in a minimum of 2 gallons of water per 1,000 sq. ft. Then apply Cycle at a rate of 2 ounces in a minimum of 2 gallons of water per 1,000 sq. ft. every 2 weeks thereafter. Repeat applications until drought stress conditions cease in order to prevent symptoms from returning.
Fairway N	TURF SPRAY APPLICATION: Apply 3 to 12 ounces per 1,000 sq. ft. every 14 to 28 days in at least 1 gallon of water, as needed to maintain healthy turf. Apply only as directed.
Iron + Micros	TURF SPRAY APPLICATION: Apply 3 to 6 ounces per 1,000 sq. ft. in at least 1 gallon of water, repeat as needed. Apply only as directed.
MultiPath	SPRAYERS and HANDHELD SPRAYERS: Apply 0.5 to 3.0 ounces per 1,000 sq. ft. every 2 to 4 weeks. All applications of MultiPath should be applied in a minimum of 1.5 gallons of water per 1,000 sq. ft. Apply only as directed. INJECTION FOR IRRIGATION SYSTEMS: For best results, MultiPath should be distributed evenly over a 1 month period. Start with 32 ounces per acre. Inject into irrigation system with enough water so that complete and even coverage is obtained. If inadequate penetration is achieved, increase the use rate by 8 ounces per acre until satisfied up to 128 ounces per acre. Repeat increasing the usage rate until proper permeation is achieved. If permeation appears to be too fast, decrease the usage rate to achieve desired results. Repeat biweekly to monthly, as necessary.

Consult your AmeriTurf representative or agronomist for application recommendations for your specific needs.

NutriPath

TURF SPRAY APPLICATION: 16 to 32 ounces per acre weekly to every other week in 1 to 2 gallons per acre of water. For water quality adjustment and flushing, spray 64 to 128 ounces per acre in 2 gallons per acre of water followed by adequate irrigation to get product into the soil profile and follow up with irrigation to flush from the profile as required to reduce salts. Monitor with soil analysis, water samples.

INJECTION FOR IRRIGATION SYSTEMS: Apply NutriPath at 32 to 128 ounces per acre weekly to monthly depending on soil analysis and water quality. Consult sales representative or agronomist when in question about rates.

Ruckus

TURF SPRAY APPLICATION: Apply Ruckus to turf areas at 1 to 3 ounces per 1,000 sq. ft. weekly to monthly in 1-2 gallon per acre of water.

The maximum rate is 6 ounces per 1,000 sq. ft. applied in 1 to 2 gallon per acre of water where required by direction of sales rep or agronomist.

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YOUR SUCCESS IS OUR PRIORITY.



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