



INNOVATION THAT ELEVATES THE GAME

CANADA CATALOG



GOLF • SPORTS FIELDS

WORLD-LEADING INNOVATION ROOTED IN THE HEARTLAND OF AMERICA

The Andersons began in the late 1940s in Maumee, Ohio, when Harold and Margaret Anderson started The Andersons Truck Terminal as a family partnership with their six children. What began as a grain terminal, built with nine truck bays for faster service to local farmers and rail transfer along the Maumee River, quickly grew into something more. Before long, a few of the Anderson brothers were behind the barn with a one-yard concrete mixer, the same kind they had used to build grain elevators, along with conveyor belts and scales, blending their own fertilizer. That hands-on operation laid the groundwork for what would become our professional turf business and, in 1964, our first plant dedicated to lawn fertilizer specialties.



Since then, our turf operations have expanded significantly to support an evolving turf industry. With a continued dedication to innovation and long-term investment in manufacturing, research, and product development, The Andersons has become a global leader in professional turf. This work has resulted in a broad portfolio of high-performance products, including fertilizers like Nutri DG®, soil enhancers such as Humic DG™, control products including Goosegrass Crabgrass Control, and advanced application equipment like the SR2000® Pro spreader. Along the way, we have developed proprietary technologies, including DG Technology® and CarbonCoat®, to improve nutrient efficiency, consistency, and turf performance.

Today, The Andersons Pro Turf products are used across 37 countries and on many of the world's most recognized golf courses and sports facilities. We are a team of turf enthusiasts who care deeply about the craft and about the people we serve. With in-house manufacturing, advanced R&D capabilities, and a technology-driven approach to product design, we continue to develop products that help turf professionals achieve stronger, more beautiful turf, world-class playing surfaces, and long-term performance.



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GOLF

SPORTS FIELDS

DROPZONE™

Drop Spreader

- Handle-mounted rate control allows for quick, precise adjustments without stopping application
- All stainless steel construction provides long-lasting durability and corrosion resistance in demanding conditions
- Permanent center divider allows for the option to spread only a 16" swath

Visit AndersonsPro.com for more information on DropZone.



GOLF

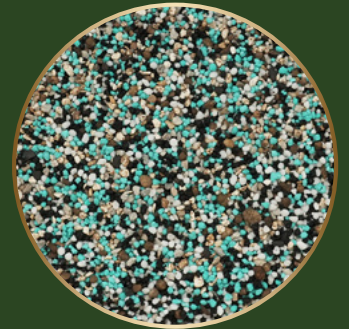
SPORTS FIELDS

16-4-8 PREMIUM FAIRWAY FERTILIZER

For Late Summer Recovery

- 50% of nitrogen from methylene urea (MUtech®)
- Readily available phosphorus (MAP)
- 19% Humic DG™ delivers concentrated humic substances directly into the soil profile
- Complete micronutrient package including 2% iron

See page 15 for more information on 16-4-8 Premium Fairway Fertilizer.



GOLF

SPORTS FIELDS

ATEP DG™

Micronutrient Package

- Now with Dispersing Granule (DG) Technology
- Specifically designed for use on greens and tees
- 10% humic acid and 9.6% biochar to strengthen roots and increase nutrient uptake

See page 24 for more information on ATEP DG.

GARDEN

GRASS GUARD™ DG

Corn Gluten Meal Pre-Emergent Weed Control

- DG Technology delivers uniform coverage, rapid dispersion upon contact with moisture
- Improved efficacy at lower use rates compared to traditional corn gluten meal products
- Grass Guard DG outperformed competing corn gluten meal formulations by 17-33% in crabgrass control trials

Visit AndersonsPro.com for more information on Grass Guard DG.

Dispersion Comparison

Dispersion after 5 minutes in water (right)



Competitor

Competitor

Grass Guard DG

GOLF

SPORTS FIELDS

HORTICULTURE

NUTRI DG® 11-2-9

For Golf Greens

- Patented Dispersing Granule formula
- 50% of nitrogen from methylene urea (MUtech®)
- 6% humic acid for enhanced nutrient uptake and 8% iron for increased green-up
- Contains surfactant to improve water penetration and distribution in the soil

NUTRI DG® 5-3-1

25% Humic Acid

- Patented Dispersing Granule formula
- 40% of nitrogen from methylene urea (MUtech®)
- 25% humic acid for enhanced nutrient uptake, improved rooting, and healthier, stronger plants
- Contains surfactant to improve water penetration and distribution in the soil

See pages 8 and 9 for more information on Nutri DG 11-2-9 and Nutri DG 5-3-1.

GOLF

SPORTS FIELDS

GENESIS RX® DG

All-DG Formulation

- Provides improved particle distribution, rapid dispersion after irrigation, and efficient nutrient delivery directly into the turf canopy and rootzone
- Genesis Rx DG 5-7-5 combines multiple proprietary technologies in a single greens grade formulation for ease of application including Nutri DG, SmartPhos DG, Humic DG, and ATEP DG
- Eliminates the need for separate granular applications, reducing labor requirements

See page 24 for more information on Genesis Rx DG.



NEW INNOVATIONS

NutriDG®

PATENTED. PROVEN. GUARANTEED.

For more than a decade, Nutri DG has set the standard for dry-applied greens and tees nutrition by combining premium nutrient blends with our patented Dispersing Granule (DG) Technology. Each homogenous granule is engineered to optimize the performance and efficiency of granular-applied turf nutrition.

Dispersing Granule Technology

Upon contact with water, each granule disperses into thousands of micro particles that quickly move through the turf canopy into the root zone.



NUTRI DG 18-9-18

Superintendent-Trusted Greens and Tees Formula

Delivering balanced nutrition with iron, manganese, and climate-responsive slow-release nitrogen from MUTECH® methylene urea, Nutri DG 18-9-18 provides dependable performance throughout changing conditions. Its microgreen SGN supports ultra-uniform distribution, while our Hi-Vis granules stay visible on turf—helping applicators avoid overlap and ensure accurate applications.



“

The density so beautiful, with Nutri DG I'm not worried about particle movement, mower pickup or mower damage.

Mr Fadly Jamal

Horizon Hill Golf Club, Johor Bahru Malaysia

IF IT DOESN'T DISPERSE TODAY, THE MOWER TAKES IT AWAY

In lab testing, Nutri DG has a higher dispersion compared to the leading competitor. The granules that remain on the surface are far more likely to be picked up by mowers—reducing nutrient delivery and wasting product.



**BETTER NUTRIENT
DELIVERY**

**LESS MOWER
PICK UP**

**NO INTERRUPTION
OF PLAY**

“

With The Andersons dispersing granule technology, I'm not worried about timing for application. I can apply in the morning without complaints from members.

Mr Saifullizan

Royal Selangor Golf Club, Kuala Lumpur Malaysia

NUTRI DG[®] FORMULATIONS

With nineteen different formulations, Nutri DG is designed to meet a wide variety of turf and soil conditions. Refer to the Product/Temperature Use Guide below for optimal application temperature for each formula. Micronutrients in Nutri DG formulas are sulfate based for quick and efficient nutrient response.

PRODUCT/TEMPERATURE USE GUIDE

 Warm > 27°C

 Moderate > 10°C

 Cool < /10°C

 Moderate All temps

SGN MICROGREENS

NPK*	Description	P Source**	K Source	Application Rates g/m ²	Nitrogen g/m ²	SR2000 Pro Spreader Settings***	Cone Setting	Pkg. Wt. kg
 0-0-12 (0-0-10)	Mag-tec™, 24% Mg	-	Sulfate of Potash Magnesia	10 - 20	1.20 - 2.40 K ₂ O	I - K 1/2	9	25
 0-0-13 (0-0-10.8)	Kal-tec®, 9.2% Ca, 2% Mg, 1.5% Mn	-	Sulfate of Potash Magnesia, Potassium Sulfate	25-50	3.25 - 6.5 K ₂ O	L 1/4 - O 3/4	9	25
 0-0-25 (0-0-20.8)	3% Mn, 4% Mg, Bio-enhanced with Amvital™	-	Sulfate of Potash Magnesia, Potassium Sulfate	15 - 30	3.74 - 7.50	I - K 3/4	9	20
 5-3-1 (5-1.3-0.83)	38% MUtech®, 25% Humic Acid, 5.12% Ca, 1% Mg, 0.11% Cu, 1.10% Fe, 0.11% Mn, 0.11% Zn, Surfactant	MAP	Potassium Sulfate	15-30	0.75-1.50	J-M	9	20
 9-0-18 (9-0-14.9)	65% MUtech®, 0.3% Fe, 6% Mn	-	Potassium Sulfate	15 - 30	1.35 - 2.70	J - M 1/2	9	20
 10-5-20 (10-2.2-16.6)	50% MUtech®, 0.3% Fe, 0.5% Mn, 0.5% Mg	MAP	Sulfate of Potash Magnesia, Potassium Sulfate	15 - 30	1.50 - 3.00	I 1/2 - L 1/4	9	20
 11-2-9 (11-0.9-7.5)	50% MUtech®, 6% Humic Acid, 8% Fe, 3% Mn, 0.17% Zn, Surfactant	MAP	Potassium Sulfate	15-30	1.65-3.30	J-M	9	20

* NPK - The first line of NPK is analysis as N + P₂O₅ + K₂O. The second line is analysis as N + P + K.

** P Source: MAP = Monoammonium phosphate DAP = Diammonium phosphate

*** Spreader settings are not intended to replace spreader calibration or bag label spreader settings. Always check the bag label for additional spreader setting information and calibrate your spreader before applying product.

**** See label for additional details

NUTRI DG FORMULATIONS

SGN MICROGREENS (CONTINUED)

NPK*	Description	P Source**	K Source	Application Rates g/m ²	Nitrogen g/m ²	SR2000 Pro Spreader Settings**	Cone Setting	Pkg. Wt. kg
 12-3-12 (12-1.3-10)	HI-VIS 0.3% Fe, 0.5% Mn, Bio-enhanced with Amvital™	MAP	Potassium Sulfate	15 - 25	1.80 - 3.00	I 3/4 - L	9	20
 12-24-8 (12-10.5-6.6)	50% MUTEch®, 0.3% Fe, 0.5% Mn	MAP	Potassium Sulfate	15 - 30	3.60 - 7.20 P ₂ O ₅	I 3/4 - L 1/2	9	20
 13-0-26 (13-0-21.6)	100% MUTEch®	-	Potassium Sulfate	15 - 30	1.95 - 3.90	I 1/2 - L 1/4	9	20
 14-7-14 (14-3.1-11.6)	60% MUTEch®, 0.3% Fe, 0.14% Mn	MAP	Potassium Sulfate	15 - 30	2.10 - 4.20	I 3/4 - L 1/2	9	20
 17-0-17 (17-0-14.1)	HI-VIS 50% MUTEch®, 0.5% Fe, 0.25% Mn	-	Potassium Sulfate	15 - 30	2.55 - 5.10	I 3/4 - L 1/2	9	20
 18-0-5 (18-0-4.15)	75% MUTEch®, 6.85% S, 7.0% Mn	-	Potassium Sulfate	15 - 30	0.85 - 2.45	I 3/4 - L 1/2	9	20
 18-3-18 (18-1.3-14.9)	93% MUTEch®	MAP	Potassium Sulfate	15 - 30	2.70 - 5.40	I 3/4 - L 1/2	9	20
 18-9-18 (18-4-14.9)	HI-VIS 60% MUTEch®, 0.3% Fe, 0.14% Mn	MAP	Potassium Sulfate	15 - 30	2.70 - 5.40	I 3/4 - L 1/2	9	20
 19-0-15 (19-0-12.45)	100% MUTEch®, 1.0% Mg, 0.5% Fe, 0.05% Mn, 0.05% Zn, 0.05% Cu	-	Potassium Sulfate	15 - 30	2.70 - 5.40	I 3/4 - L 1/2	9	20

SGN FAIRWAYS

 18-24-5 (18-10.56-4.15)	35% MUTEch®	MAP	Potassium Sulfate	15 - 25	4.20 - 7.00	K 3/4 - M 3/4	6	20
 20-0-16 (20-0-13.3)	100% MUTEch®	-	Potassium Sulfate	15 - 30	3.00 - 6.00	K 1/2 - N 1/2	6	20
 28-0-6 (28-0-5)	HI-VIS 59% MUTEch®	-	Potassium Sulfate	15 - 25	4.20 - 7.00	K 3/4 - M 3/4	6	20

DG SOIL ENHANCERS / SGN MICROGREENS

 4-22-0 SmartPhos® DG	8% Mg, SGN 75	Struvite	-	10 - 20****	-	J - M 1/2	9	18.14
 DG Lime™	Dispersible Limestone, 30% Ca, 4% Mg, SGN 100	-	-	10 - 20****	-	I - R	8	25
 DG Gypsum™	Dispersible Gypsum, 21% Ca, SGN 100	-	-	25 - 500****	-	K 1/2 - R 1/4	9	25

DG PRO® FUNGICIDES / SGN GREENS

 Prophesy® DG	0.72% Propiconazole	-	Provides preventive and curative disease control.	K - O	9	18
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PROPHESY® DG

Prophesy DG provides preventative and curative control of key turf diseases, including dollar spot, brown patch, leaf spot, melting out, and anthracnose. This Dispersing Granule (DG) formula, quickly disperses after irrigation for uniform distribution and reliable performance across treated turf.

GET YOUR GREENS BACK TO PLAY ***FASTER >>>***

The Andersons Genesis Rx® DG 5-7-5 is ideal for use during aerification to help your turf repair more quickly.

The difference after just 3 weeks is clear. Sand alone compared to sand with Genesis Rx DG 5-7-5 at 15 lbs/M shows how much faster turf can recover with the right inputs. Faster recovery. Stronger results.



ONE PRODUCT. BIG IMPACT.

GENESIS RX® DG 5-7-5

NUTRI DG®

A combination of our flagship Nutri DG 18-9-18 and Nutri DG 0-0-25 fertilizers

SMARTPHOS® DG

SmartPhos DG 4-22-0 formulation delivers superior phosphorus availability with extended release and consistent uptake regardless of soil pH

HUMIC DG™

Replenishes soil organic matter to increase nutrient uptake and water holding capacity

ATEP DG™

Provides secondary and micronutrients ideal for use during greens construction



Scan the QR code
to learn more about
Genesis Rx DG.

PREMIUM AERIFICATION PRODUCTS

Mechanical aerification is a necessary management practice used to improve air, nutrient, and water movement through the soil profile. Following this process, it is vital to jumpstart turfgrass recovery to quickly resume play. Our portfolio includes a broad range of solutions designed for application before, during, and after aerification, each helping to ensure rapid turf recovery.

	Genesis Rx® DG 5-7-5	Nutri DG® 18-9-18	ATEP DG™
Application Rates	25-100 g/m²	15-30 g/m²	9.8-14.6 g/m²
SGN	Greens	Microgreens	Greens
Humic Acid	16%	-	10%
Nitrogen Sources	Ammonium Sulfate, Urea, MUTECH®	Ammonium Sulfate, Urea, MUTECH®	-
Secondary Elements	Ca, Mg, S	S	Mg, S
Micronutrients	Fe, Mn	Fe, Mn	Fe, Mn, Cu, Zn
Includes DG Technology	✓	✓	✓
Microbials	-	-	-

HUMIC ACID

UNLOCK NUTRIENT AVAILABILITY

Humic acid is a natural soil conditioner, organic chelator, and microbial stimulator that provides the following benefits:

- Enhances efficiency and availability of applied nutrients
- Chelates soil micronutrients, increasing their availability
- Improves cation exchange capacity
- Enhances soil structure and biology
- Reduces water requirements by increasing water holding capacity and enabling better water penetration in the soil

THE THREE HUMIC FRACTIONS

Humates are composed of three major fractions. Each of these fractions has physical and chemical properties that contribute to their effectiveness and compliment fertilizer programs.

	FULVIC ACIDS	HUMIC ACIDS	HUMINS
Solubility	High	Moderate	Low
Uptake	Foliar	Soil	Soil
Primary Benefit	Enhances nutrient absorption	Increases nutrient holding capability	High levels of carbon, large nutrient holding capacity
Longevity in Soil	Short	Medium	Long

In addition to the three humic fractions, humic products utilizing The Andersons Dispersing Granule (DG) Technology contain a unique and powerful ingredient known as humic acid precursor. **HUMIC ACID PRECURSOR** contains a soluble form of organic carbon that releases into the soil as DG granules disperse. Through biochemical reactions, it is transformed into humic and fulvic acids, enhancing nutrient uptake and improving soil health.

WHAT SETS ANDERSONS HUMIC PRODUCTS APART?

DG TECHNOLOGY

All of our humic-based products feature Dispersing Granule (DG) Technology. These spherical, dust-free, and ultra-dry particles deliver many advantages, including handling, spreadability, and efficacy.

✓ DISPERSIBLE

✓ BLENDABLE

✓ EASY TO APPLY



HUMIC DG™



COMPETITOR

NON-DISPERSING ✗

DIFFICULT TO BLEND ✗

DIFFICULT TO APPLY ✗

BIOCHAR

LONG-LASTING CARBON FOR STRONGER SOIL STRUCTURE

Biochar is produced by heating wood byproducts at high temperatures in a low-oxygen environment, creating a stable, carbon-rich material with exceptional structural properties. Once introduced into the soil, biochar remains in place for years, serving as a long-term carbon reservoir and a durable foundation for improved soil performance.

The highly porous structure of biochar provides extensive surface area for microbial colonization, enhancing soil biology and supporting stronger, more resilient soil profiles. In addition, biochar naturally contains karrikins — a group of bioactive compounds shown to stimulate root development and promote vigorous establishment of new seedlings.

HUMIC DG™ CHARX®

The Total Carbon Solution

- Combines fast-acting Humic DG with long-term carbon and soil-building biochar
- Granular, dust-free, and easy to handle thanks to DG Technology®
- Improves soil structure, nutrient availability, microbial activity and seed germination
- Builds a durable soil foundation that supports stronger roots and healthier, high-performing turf

THE CHALLENGE WITH TRADITIONAL BIOCHAR

For biochar to work, it must reach the rootzone. Traditional products fall short, either they won't flow properly through a spreader or they stay lodged in the thatch.

MICRONIZED BIOCHAR



Moves well through turf canopy



Extremely difficult to apply



HUMIC DG CHARX



Moves well through turf canopy



Easy to apply



LARGER BIOCHAR



Doesn't move well through turf canopy



Difficult to apply



HUMIC PRODUCTS

HUMIC PRODUCTS FOR BROADCAST APPLICATIONS

	Humic DG™	Humic DG™ CharX®	Black Gypsum DG®	HCU® 44-0-0
SGN	Microgreens or Standard	Standard	Microgreens or Standard	Standard
Humic Acid	70%	47%	21%	2%
Biochar	-	23%	-	-
Gypsum	-	-	48%	-
3 Humic Fractions*	✓	✓	✓	Fulvic Acid and Humic Acid

*Carbon products with all 3 humic fractions is unique to The Andersons and our manufacturing process. Due to its difficulty to manufacture, humin is often removed from other humic products on the market.

HUMIC PRODUCTS FOR SPRAY APPLICATIONS

	HCAS™ 20-0-0 23S
Product Type	Water Soluble Granules
Humic Acid	2%
Humic Fractions	Fulvic Acid and Humic Acid

HUMIC & BIOCHAR PRODUCTS

Product	Humic Acid Content	Analysis (%)			SGN	Use Rates on Turf	Bulk Density (kg/m³)	Pkg. Size
		Calcium Sulfate Dihydrate (CaSO ₄ • 2H ₂ O)	Calcium (Ca)	Sulfur (S)				
HCU® 44-0-0	2%	-	-	-	Standard	Spray: 11.5-115.0 kg/ha Dry: 85-170 kg/ha	737	22.68 kg bag
Humic DG™	70%	-	-	-	Microgreens	50-225 kg/ha	640	20 kg poly bag 1,000 kg bulk bag
Black Gypsum DG®	21%	48.0	12.0	8.9	Microgreens or Standard	150-600 kg/ha	785	20 kg poly bag
Humic DG™ CharX®	30%	-	-	-	Standard	50-225 kg/ha	593	20 kg poly bag

HUMIC DG™ CHARX®

- ✓ **RAPID DISPERSION**
- ✓ **CLEAN APPLICATION**
- ✓ **CONSISTENT COVERAGE**

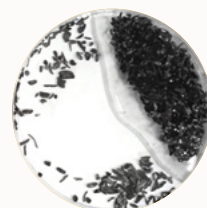
DISPERSION COMPARISON



Competitor Humic



HUMIC DG CHARX



Competitor Biochar

FERTILIZERS WITH HUMIC DG™

NPK*	Description	P Source**	K Source	Application Rates g/m²	Nitrogen g/m²	SR2000® Pro Spreader Settings***	Cone Setting	Pkg. Wt. kg
10-18-10 (10-7.8-8.3)	30% NS-54™, 23% Humic DG™, Fairway SGN	MAP	Potassium Sulfate	20 - 30	3.60 - 5.40 P ₂ O ₅	L 3/4 - O	6	20
16-4-8 Premium Fairway Fertilizer (16-1.8-6.6)	50% MUTECH®, 19% Humic DG™, 2% Fe, 0.1% Cu, 0.1% Mn, 0.1% Zn, Fairway SGN	MAP	Potassium Sulfate	15-30	2.40-4.80	K 1/2 - O	6	20
22-0-4 (22-0-3.32)	50% of N from HCU 43% Black Gypsum DG	-	Potassium Sulfate	17-22	3.80-4.80	L 1/2 - M 1/2	4	20

* NPK - The first line of NPK is analysis as N + P₂O₅ + K₂O.
The second line is analysis as N + P + K.

** P Source: MAP = Monoammonium phosphate DAP = Diammonium phosphate

*** Spreader settings are not intended to replace spreader calibration or bag label spreader settings.
Always check the bag label for additional spreader setting information and calibrate your spreader before applying product.

NITROGEN SOURCES

From coated and non-coated granules to a variety of release profiles, our collection of nitrogen sources provides maximum flexibility throughout the growing season. Here we break down the benefits of each.

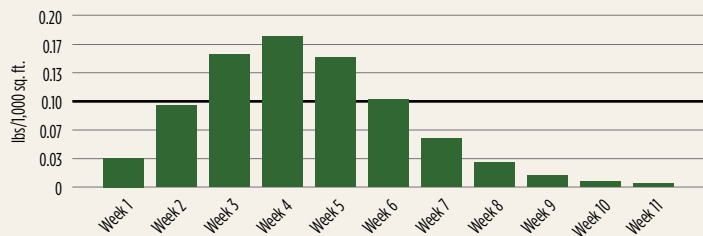
SLOW-RELEASE NITROGEN

These slow-release nitrogen sources use coatings or chemical structures to release gradually, providing extended feeding and reducing surge growth or burn potential.

NS-54™

- Polymer- and sulfur-coated
- Higher nitrogen percent than traditional PCSCU due to advanced coating design
- 5-7 week release

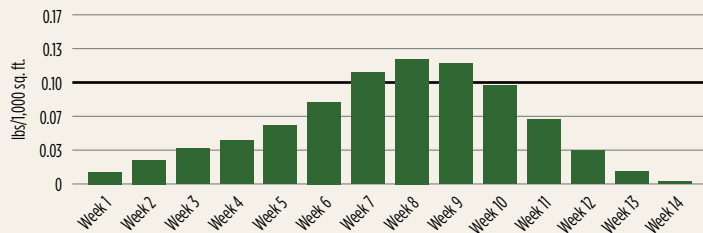
TURFGRASS RESPONSE TO NS-54™



PCHCU®

- Polymer- and humic-coated
- Delivers humic acid benefits: improved rooting, higher plant-available nitrogen, reduced nitrogen rates
- 8-10 week release

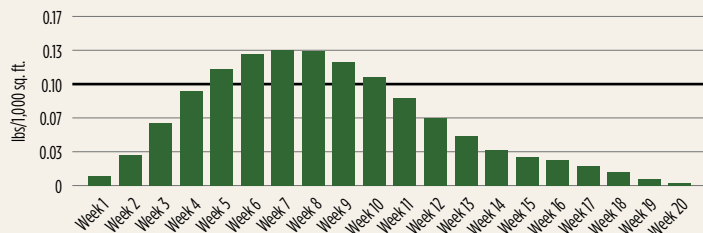
TURFGRASS RESPONSE TO PCHCU®



MUTECH®

- Release naturally adjusts with environmental conditions
- Minimizes leaching potential
- Low salt index for reduced burn potential and safer application
- 20 week release

TURFGRASS RESPONSE TO MUTECH®



All graphs represent release rate of the respective technology applied on May 7th at 1 lb N/1000 sq ft in USDA plant hardiness zone 5b. Release timeframe is typically longer than optimal reapplication interval.

■ GRANULAR N TURF RESPONSE
— TARGET N

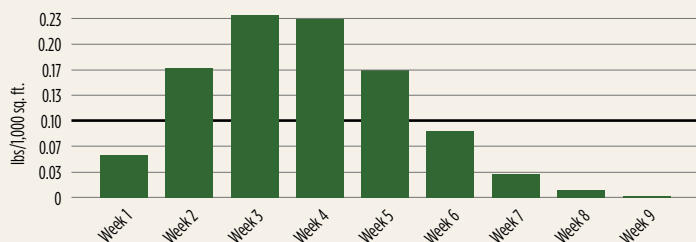
HUMIC COATED QUICK-RELEASE NITROGEN

Humic coated quick-release nitrogen delivers nitrogen immediately for fast turf response. The inclusion of humic makes nitrogen more plant-available while providing other humic benefits like improved rooting.

HCAS™ SG

- Humic Coated Ammonium Sulfate in a soluble granule
- Ideal for use in cooler months
- Delivers humic acid benefits: improved rooting, higher plant-available nitrogen, reduced nitrogen rates
- 3-5 week release

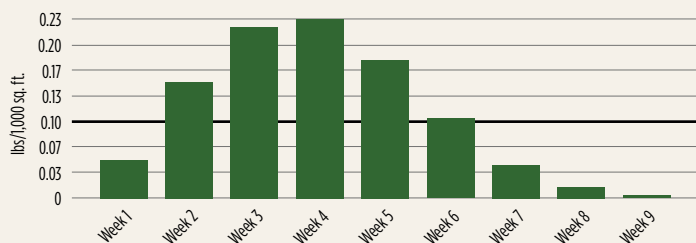
TURFGRASS RESPONSE TO HCAS™ SG



HCU®

- Humic Coated Urea
- Ideal for warmer months
- Delivers humic acid benefits: improved rooting, higher plant-available nitrogen, reduced nitrogen rates
- 2-5 week release

TURFGRASS RESPONSE TO HCU®



All graphs represent release rate of the respective technology applied on May 7th at 1 lb N/1000 sq ft in USDA plant hardiness zone 5b. Release timeframe is typically longer than optimal reapplication interval.

■ GRANULAR N TURF RESPONSE
— TARGET N

CARBONCOAT[®] TECHNOLOGY

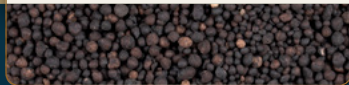
For decades, the industry has faced significant manufacturing challenges in attempting to coat nutrients with humic acid. This has resulted in the reliance on blended fertilizers containing granular or screened humates, or separate applications of fertilizer and humic material.

With Carboncoat, We've Shifted The Standard.

CarbonCoat utilizes a patented manufacturing process to bond fertilizer granules with a potassium humate coating. These clean, spherical, free-flowing granules deliver nitrogen and humic acid simultaneously. Select CarbonCoat products also utilize a polymer coating to extend their nutrient release.

The Carboncoat Family

	HCU [®] 44-0-0	PCHCU [®] 40-0-0	HCAS [™] SG 20-0-0
Product Description	Urea granules with a potassium humate coating	Urea granules with a potassium humate coating + a polymer coating	Ammonium sulfate granules with a potassium humate coating
Application Method	Broadcast or Spray	Broadcast	Spray
Humic Acid	2%	1.8%	2%
Release	2-4 weeks	70 day	7 day

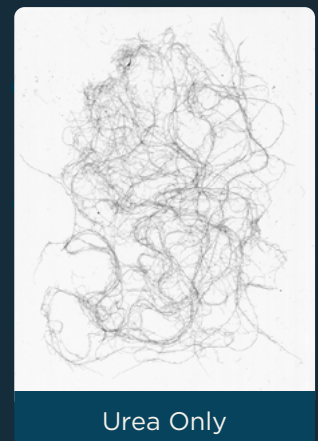


ROOTING RESPONSE TO HUMIC FERTILIZERS

An Iowa State University study on the benefits of humic acid measured root and shoot morphological parameters of Kentucky bluegrass. The study found that PCHCU, applied at 1.0 lb N per M, had increased root surface area by 42% and root volume by 46% compared to urea alone.



PCHCU[™]



Urea Only

COMPATIBILITY AND SPRAY APPLICATIONS

HCU and HCAS SG granules fully solubilize in water and can be applied through standard spray equipment. When used in tank mixes, compatibility depends on the other products being applied and proper verification prior to mixing.

To reduce the risk of separation, precipitation, or clogged filters and nozzles, compatibility should always be confirmed before mixing a full spray tank especially when introducing new products or unfamiliar combinations. For optimal performance, HCU and HCAS SG should be mixed only with chelated iron micronutrients (such as iron EDTA or HEDTA). Mixing these products with iron sulfate may cause tank-mix incompatibility.

Refer to product labels for complete mixing instructions and approved combinations.

IN-FIELD COMPATIBILITY CHECK

Before preparing a full spray tank, a simple jar test can help identify potential incompatibility:

- Mix products in a clear container at the same ratios used in the field
- Agitate for at least 60 seconds
- Observe for separation or precipitate formation

Confirming compatibility ahead of time helps protect equipment, maintain application efficiency, and ensure consistent product performance.

CARBONCOAT® PRODUCTS

Product	Humic Acid	SGN	Analysis (%)	Use Rates on Turf	Bulk Density (kg/m³)	Pkg. Size
			Sulfur (S)			
HCU® 44-0-0	2%	Standard	-	Spray: 11.5-115.0 kg/ha Dry: 85-170 kg/ha	737	22.68 kg bag
HCAS™ SG 20-0-0	2%	Water Soluble	23.0	12.4-122.4 kg/ha	929	15 kg poly bag
PCHCU® 40-0-0	1.8%	Standard	-	61-122 kg/ha	700	20 kg bag

SGN RANGES: Standard (200+) Fairways (120-199) Greens (100-119) Microgreens (99 and below)

FOLTEC® SG

PRECISE FOLIAR NUTRITION

Foltec SG is a foliar nutrition line formulated to deliver consistent, complete nutrition through efficient spray applications. Each formulation is designed to support precise fertility programs without adding unnecessary tank-mix complexity.

Foltec SG products feature targeted N-P-K ratios, essential micronutrients, UltraMate® SG sulfonated potassium humate, and sea plant extract. The soluble granule formulation dissolves quickly and completely in the spray tank, helping improve application efficiency and ensure uniform nutrient delivery to the turf.

Soluble Granule Benefits Over Liquids

- **Lower shipping costs** due to lightweight, dry, 100% soluble granules
- **No freeze risk**—product remains dry until mixed in the spray tank
- **Reduced plastic waste** with resealable, foil-lined bags
- **Simplified disposal**—no triple-rinsing or having to store empty jugs



Real World Performance

Foltec SG has been developed to ensure maximum solubility and superb agronomic performance. Replicated testing at the University of Arkansas confirms excellent performance in the field. When compared to a leading liquid competitor's program, Foltec SG treatments had superior quality and color. Foltec SG provided exceptional greening of the turf canopy quickly after application.

FOLTEC® SG PRODUCTS

Product	Package	Delivers kg of Nutrient per hectare			Other Nutrients (%)					UltraMate® SG kg/ha	Sea Plant Extract kg/ha
		N	P	K	Mg	Fe	Mn	Cu	Zn		
Foltec® SG 24-0-8 3 x 6.16 kg case	6.16 kg	1.5	-	0.5	0.0	1.0	0.5	0.07	0.1	0.22	0.07
Foltec® SG 16-0-16 3 x 6.16 kg case	6.16 kg	1.0	-	1.0	0.5	1.0	0.5	0.07	0.07	0.22	0.07
Foltec® SG 8-24-8 3 x 6.16 kg case	6.16 kg	0.5	1.5	0.5	0.5	1.0	0.5	0.07	0.07	0.11	0.07
Foltec® SG 8-0-24 6 x 3.08 kg case	3.08 kg	1.0	-	1.0	0.5	1.0	0.5	0.07	0.07	0.22	0.07
Foltec® SG Minors 10 x 1 kg case	1.00 kg	-	-	-	3.0	4.7	3.5	0.15	0.34	0.03	0.03

NUTRI DG® + FOLTEC® SG

HIGH-PERFORMANCE TURF NUTRITION

Nutri DG establishes a stable foundation of granular nutrition in the rootzone, while Foltec SG delivers quickly available foliar nutrients to address in-season needs. Used together, they provide both consistency and flexibility in a turf nutrition program.



HCU® + FOLTEC® SG MINORS

THE PERFECT COMBINATION FOR FAIRWAY NUTRITION

Combining HCU and Foltec SG Minors creates an ideal tank mix of nitrogen, humic acid and minor elements. This combination, which is ideal for fairway nutrition, delivers exceptional performance with strong economics in use.

TIPS FOR MIXING

- Add HCU to water by solubilizing with an inductor, rinsing it through a basket strainer or preparing it in a bucket slurry. Do not pour HCU directly into the tank.
- Add Foltec SG Minors to the HCU/water mixture in the tank.



FERTILIZERS

CASTAWAY™ DG

TEA SEED MEAL FERTILIZER

Keep Greens Clean & Playable

The tea seed meal in CastAway DG delivers saponins to the turf, helping improve the overall playing surface. Greens treated with CastAway DG maintain a noticeably cleaner, more uniform playing surface with fewer worm castings compared to untreated greens, as shown in the picture to the right. The result is reduced labor for casting pickup and a lower risk of mower damage caused by castings.



Made with DG Technology

CastAway DG's spherical granules spread easily through broadcast spreaders, then break down into thousands of micro-particles for fast, efficient soil penetration

HELPFUL TIPS FOR IN THE FIELD

- CastAway DG is safe for use on all turf types
- First application should be at labeled high rate, multiple applications are likely necessary for best results
- Earthworms may relocate; treat putting green edges if treating collars to prevent casting mounds on greens



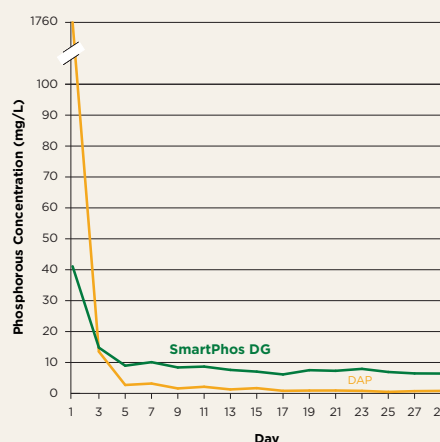
SMARTPHOS® DG

Responsible Phosphorus Nutrition with Reduced Runoff Risk

SmartPhos DG combines a renewable, plant-available phosphorus source (struvite) with Dispersing Granule (DG) technology for efficient nutrient delivery. University research has shown SmartPhos DG releases phosphorus up to 40× slower than traditional phosphate fertilizers, providing a steady nutrient supply while reducing the potential for phosphorus movement into waterways. This technology is supported by U.S. EPA Great Lakes Restoration Initiative funding and ongoing multi-year university research.

Phosphorus Movement Through Sand

Application Summary: SmartPhos DG's unique slow release properties make it a perfect match for golf course greens. In a leaching study conducted at The Ohio State University, columns of sand were treated with SmartPhos DG or DAP. Water was then leached through the sand twice a day for 30 days and was analyzed for nutrient content. The results indicate that the movement of soluble phosphate is very even for SmartPhos DG, as compared to DAP (diammonium phosphate), whose phosphate was exhausted after just 7 days of testing. SmartPhos DG provides your turf with balanced, slow release nutrition.



HELPFUL TIPS FOR IN THE FIELD

- Apply ahead of phosphorus blackout periods to help maintain plant-available phosphorus over time with a gradual-release source
- Ideal for seeding, establishment, and phosphorus-deficient turf
- Irrigate after application to maximize DG Technology performance and root-zone delivery

FERTILIZERS



TEE TIME®

Tee Time® fertilizers are premium blends designed for greens, tees, and fairways, delivering steady, reliable nutrition with MUTECH® slow-release nitrogen and potassium sulfate. Multiple micronutrient and slow-release options are available to match specific turf needs and management goals.

TEE TIME® GREENS SGN FERTILIZERS

Product	Description	P Source**	K Source	Application Rates g/m ²	Nitrogen g/m ²	SR2000 Pro Spreader Settings***	Cone Setting	Pkg. Wt. kg
13-2-13 (13-0.9-10.8)	100% AS, 2% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu	MAP	Potassium Sulfate	15 - 25	1.95 - 3.25	J - L 1/4	9	20
14-28-10 (14-12.2-8.3)	50% MUTECH®, 1% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu	MAP	Potassium Sulfate	15 - 25	4.20 - 7.00 P ₂ O ₅	J - L 1/4	9	20
18-6-15 (18-2.6-12.5)	65% MUTECH®, 2% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu	MAP	Potassium Sulfate	15 - 30	2.70 - 5.40	I 1/2 - L 1/4	8	20

POLYSPORTS™

PolySports™ products are high-quality blended fertilizers designed for higher cut turf such as fairways & sportsfields. Slow release nitrogen comes from the following polymer coated technologies: NS-54™ polymer coated sulfur coated urea and Extend™ polymer coated urea.

POLYSPORTS™ MINI FAIRWAY FERTILIZERS

21-0-20 (21-0-16.6)	100% NS-54™, SGN Fairways	-	Potassium Sulfate	17.60-29.30	3.70-6.20	K 3/4 - N 1/4	7	20
23-2-10 (23-0.9-8.3)	65% NS-54™, 5% Fe, SGN Fairways	MAP	Potassium Sulfate	15 - 25	3.45 - 5.75	K 1/2 - N	7	20
25-2-9 (25-0.88-7.47)	98% NS-54™, 2% Fe, SGN Fairways	MAP	Potassium Sulfate	15 - 25	3.70 - 6.10	K 1/4 - M 1/4	7	20

POLYSPORTS™ STANDARD FAIRWAY FERTILIZERS

33-3-6 (33-1.32-4.98)	98% NS-54™, SGN Standard	MAP	Potassium Chloride	15 - 22.5	4.80 - 7.40	L - N 1/4	4	20
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SPECIALTY FERTILIZERS

ATEP DG™	10% Humic Acid, 9.6% Biochar, 11.3% Mg, 7.9 Fe, 2% Mn, 0.1% Zn, 0.1% Cu, SGN Greens	-	-	9.8-14.6	-	I 1/4 - J 1/2	8	22.68
1-0-0 CastAway™ DG	Fertilizer and Soil Amendment, SGN Greens	-	-	15-30	0.2 - 0.3	J 1/2 - M	8	18.14
Genesis Rx® DG 5-7-5 (5-3-4.1)	49% MUTECH®, 16% Humic Acid, 1% Biochar 0.9% Fe, 3.19% Mg, 0.38% Mn, 3.78% Ca, 6.23% S, SGN Greens	Struvite/ MAP	Sulfate of Potash Magnesia, Potassium Sulfate	25-100	1.75 - 7.0 P ₂ O ₅	J 3/4 - W	8	20
0-0-30 (0-0-24.9)	KSO ₄ , 3% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu, SGN Greens	-	Potassium Sulfate	15 - 25	4.50 - 7.50 K ₂ O	I 3/4 - L	9	20

* NPK - The first line of NPK is analysis as N + P₂O₅ + K₂O.
The second line is analysis as N + P + K.

** P Source: MAP = Monoammonium phosphate DAP = Diammonium phosphate

*** Spreader settings are not intended to replace spreader calibration or bag label spreader settings. Always check the bag label for additional spreader setting information and calibrate your spreader before applying product.

TNT

TURF NUTRITION TOOL

The Turf Nutrition Tool (TNT) helps turf managers plan, visualize, and optimize season-long nutrition programs with confidence. Build custom programs, model nitrogen release, and clearly see how product selection, rates, and timing impact turf performance and annual inputs.



**350+
PRODUCTS
INCLUDED**

**DOWNLOAD
& SHARE YOUR
PROGRAM**

FLEXIBLE PROGRAM CREATION

Build a program from scratch or choose a template to quickly create a customized fertilizer plan that fits your turf goals.

VISUALIZE NUTRIENT RELEASE

Model nitrogen release and application timing to clearly see how products, rates, and schedules perform across the season.

PLAN WITH CONFIDENCE

Compare programs, manage annual inputs, and download professional plans that align teams, support budgets, and drive consistent turf performance.



Get started today at TurfNutritionTool.com

NEW & IMPROVED SR2000 PRO



EdgeWise® Technology

Automatically adjusts product flow so rate is maintained while edge control is engaged

Easy Assembly

Semi-pre assembled, takes less than 15 minutes to set up

Maintenance Free Gearbox

Comes permanently lubricated for minimal upkeep

Fast-Action Shut Off

Eliminates the risk of spilled product

Exclusive Helical Cone Technology

Only available from The Andersons, the helical cone allows for even spreading of all sizes of fertilizer granules



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COMING SOON

GOLF

HUMICHARGE+ DG

Humic Acid + Surfactant

- Humic acid dispersing granule with dual-action soil surfactant designed to aid in penetration of water into the soil profile and increase the soil moisture uniformity throughout the root zone
- Promotes deeper root development and increased turf resilience under stress and heavy traffic
- DG formulation ensures easy application, even coverage, and activation with irrigation for consistent results



RESULTS FROM AROUND THE WORLD

UNITED STATES



NEW ZEALAND



UNITED KINGDOM



GERMANY



SCOTLAND



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