



# INNOVATION THAT ELEVATES THE GAME

TURF & AMENITY 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.

AndersonsPro.com |    @TheAndersonsPro |  AndersonsPro



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GOLF

SPORTS FIELDS

## SR2000<sup>®</sup> PRO

### Rotary Spreader

- Patented Helical Cone Technology delivers balanced, even spread patterns
- EdgeWise<sup>®</sup> Side Spread Control automatically adjusts product flow so rate is maintained while edge control is engaged
- Fast action shut-off mechanism eliminates the risk of spilled product
- A sealed, permanently lubricated gearbox eliminates the need for routine greasing

See page 26 for more information on the SR2000 Pro.



GOLF

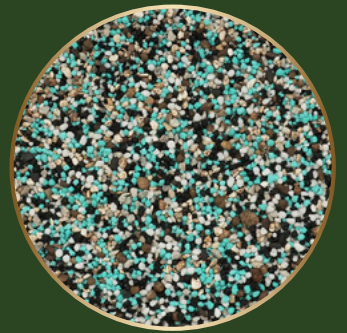
SPORTS FIELDS

## 16+4+8 PREMIUM FAIRWAY FERTILIZER

### For Late Summer Recovery

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

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



NEW ATEP DG DISPERSION



ORIGINAL ATEP DISPERSION

GOLF

SPORTS FIELDS

## ATEP DG<sup>™</sup>

### 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](http://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 Contec 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

# Nutri DG<sup>®</sup>

**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<sup>®</sup> 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 DISPERSER 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<sup>®</sup> FORMULATIONS

With over twenty 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 <sup>2</sup>	Nitrogen g/m <sup>2</sup>	SR2000 Pro Spreader Settings***	Cone Setting	Pkg. Wt. kg
<span style="color: green;">■</span> <b>0+0+12</b> (0+0+10)	Mag-tec™, 24% Mg	-	Sulfate of Potash Magnesia	10 - 20	1.20 - 2.40 K <sub>2</sub> O	I - K 1/2	9	25
<span style="color: green;">■</span> <b>0+0+13</b> (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 <sub>2</sub> O	L 1/4 - O 3/4	9	25
<span style="color: green;">■</span> <b>0+0+25</b> (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
<span style="color: blue;">■</span> <b>6+0+12</b> (6+0+10)	<b>HI-VIS</b> 5% Mn, 2% Mg	-	Sulfate of Potash Magnesia, Potassium Sulfate	15 - 30	0.90 - 1.80	I 3/4 - M	9	20
<span style="color: green;">■</span> <b>5+3+1</b> (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
<span style="color: orange;">■</span> <b>9+0+18</b> (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
<span style="color: orange;">■</span> <b>10+5+20</b> (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

\* NPK - The first line of NPK is analysis as N + P<sub>2</sub>O<sub>5</sub> + K<sub>2</sub>O. The second line is analysis as N + P + K.

\*\*\* 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.

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

\*\*\*\* See label for additional details

# NUTRI DG FORMULATIONS

## SGN MICROGREENS (CONTINUED)

NPK*	Description	P Source**	K Source	Application Rates g/m <sup>2</sup>	Nitrogen g/m <sup>2</sup>	SR2000 Pro Spreader Settings***	Cone Setting	Pkg. Wt. kg
<b>11+2+9</b> (12+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
<b>12+3+12</b> (12+1.3+10)	<b>HI-VIS</b> 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
<b>12+24+8</b> (12+10.5+6.6)	50% MUtech®, 0.3% Fe, 0.5% Mn	MAP	Potassium Sulfate	15 - 30	3.60 - 7.20 P <sub>2</sub> O <sub>5</sub>	I 3/4 - L 1/2	9	20
<b>13+0+26</b> (13+0+21.6)	100% MUtech®	-	Potassium Sulfate	15 - 30	1.95 - 3.90	I 1/2 - L 1/4	9	20
<b>14+7+14</b> (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
<b>17+0+17</b> (17+0+14.1)	<b>HI-VIS</b> 50% MUtech®, 0.5% Fe, 0.25% Mn	-	Potassium Sulfate	15 - 30	2.55 - 5.10	I 3/4 - L 1/2	9	20
<b>18+3+18</b> (18+1.3+14.9)	93% MUtech®	MAP	Potassium Sulfate	15 - 30	2.70 - 5.40	I 3/4 - L 1/2	9	20
<b>18+9+18</b> (18+4+14.9)	<b>HI-VIS</b> 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

## SGN FAIRWAYS

<b>20+0+16</b> (20+0+13.3)	100% MUtech®	-	Potassium Sulfate	15 - 30	3.00 - 6.00	K 1/2 - N 1/2	6	20
<b>28+0+6</b> (28+0+5)	<b>HI-VIS</b> 59% MUtech®	-	Potassium Sulfate	15 - 25	4.20 - 7.00	K 3/4 - M 3/4	6	20

## DG SOIL ENHANCERS / SGN MICROGREENS

<b>DG Lime™</b>	Dispersible Limestone, 30% Ca, 4% Mg, SGN 100	-	-	10 - 20****	-	I - R	8	25
<b>DG Gypsum™</b>	Dispersible Gypsum, 21% Ca, SGN 100	-	-	25 - 500****	-	K 1/2 - R 1/4	9	25

# 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

#### HUMIC DG™

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



#### SMARTPHOS® DG

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

#### 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.

	<b>Genesis Rx<sup>®</sup> DG 5+7+5</b>	<b>Nutri DG<sup>®</sup> 18+9+18</b>	<b>ATEP DG<sup>™</sup></b>
<b>Application Rates</b>	25-100 g/m <sup>2</sup>	15-30 g/m <sup>2</sup>	9.8-14.6 g/m <sup>2</sup>
<b>SGN</b>	Greens	Microgreens	Greens
<b>Humic Acid</b>	16%	-	10%
<b>Nitrogen Sources</b>	Ammonium Sulfate, Urea, MUtech <sup>®</sup>	Ammonium Sulfate, Urea, MUtech <sup>®</sup>	-
<b>Secondary Elements</b>	Ca, Mg, S	S	Mg, S
<b>Micronutrients</b>	Fe, Mn	Fe, Mn	Fe, Mn, Cu, Zn
<b>Includes DG Technology</b>	✓	✓	✓
<b>Microbials</b>	-	-	-

# 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
<b>Solubility</b>	High	Moderate	Low
<b>Uptake</b>	Foliar	Soil	Soil
<b>Primary Benefit</b>	Enhances nutrient absorption	Increases nutrient holding capability	High levels of carbon, large nutrient holding capacity
<b>Longevity in Soil</b>	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™

NON-DISPERSING ✗

DIFFICULT TO BLEND ✗

DIFFICULT TO APPLY ✗



COMPETITOR

# 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



# REJUVASOIL™

## COMBINING CARBON AND MICROBIALS

- Contains Humic DG™ CharX®, microbial package, corn distillates, and molasses
- Ideal for improving degraded or compromised soils
- Increases soil microbial populations, adds organic matter to soil, and improves nutrient efficiency
- Results in better soil nutrient and water holding capacities and improved turfgrass color and green-up
- Can be used on all turfgrass species, with or without a conventional fertility program



**Application Summary:** After completing a course renovation, including bringing non-turf areas into turf management, the golf course superintendent noticed some areas that, despite nutrient application, were still under-performing and not establishing well. Following an application of RejuvaSoil, these areas began responding to fertilizer applications and quickly became fully established. The superintendent credits RejuvaSoil for these results.

### HELPFUL TIPS FOR IN THE FIELD


- RejuvaSoil is safe for use on all turf types, including greens, tees, fairways, and sports fields
- Apply prior to or during periods of active growth to maximize soil biology response
- Light irrigation after application helps move the product into the soil profile and activate carbon inputs
- Best results are achieved with repeated applications as part of a long-term soil health program
- Can be applied with broadcast spreader, Vicon, or using DryJect®



# HUMIC PRODUCTS

## HUMIC PRODUCTS FOR BROADCAST APPLICATIONS


	Humic DG™	Humic DG™ CharX®	Black Gypsum DG®	RejuvaSoil™
SGN	Microgreens or Standard	Standard	Microgreens or Standard	Standard
Humic Acid	70%	47%	21%	22%
Biochar	-	23%	-	11%
Gypsum	-	-	48%	-
3 Humic Fractions*	✓	✓	✓	✓



\*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

	UltraMate® LQ 0+0+2	UltraMate® SG 0+0+14
Product Type	Liquid	Water Soluble Granules
Humic Acid	12%	70%
Humic Fractions	Fulvic Acid and Humic Acid	Fulvic Acid and Humic Acid



# HUMIC & BIOCHAR PRODUCTS

Product	Humic Acid Content	Analysis (%)			SGN	Use Rates on Turf	Bulk Density (kg/m <sup>3</sup> )	Pkg. Size
		Calcium Sulfate Dihydrate (CaSO <sub>4</sub> • 2H <sub>2</sub> O)	Calcium (Ca)	Sulfur (S)				
<b>HCU® 44+0+0</b>	2%	-	-	-	Standard	Spray: 11.5-115.0 kg/ha Dry: 85-170 kg/ha	737	22.68 kg bag
<b>Humic DG™</b>	70%	-	-	-	Microgreens	50-225 kg/ha	640	20 kg poly bag 1,000 kg bulk bag
<b>Black Gypsum DG®</b>	21%	48.0	12.0	8.9	Microgreens or Standard	150-600 kg/ha	785	20 kg poly bag
<b>Humic DG™ CharX®</b>	30%	-	-	-	Standard	50-225 kg/ha	593	20 kg poly bag
<b>RejuvaSoil™</b>	21%	-	-	-	Standard	100-250 kg/ha	528.6	15.87 kg poly bag

## FERTILIZERS WITH HUMIC DG™

NPK*	Description	P Source**	K Source	Application Rates g/m <sup>2</sup>	Nitrogen g/m <sup>2</sup>	SR2000® Pro Spreader Settings***	Cone Setting	Pkg. Wt. kg
<b>10+18+10</b> (10+7.8+8.3)	30% NS-54™, 23% Humic DG™, Fairway SGN	MAP	Potassium Sulfate	20 - 30	3.60 - 5.40 P <sub>2</sub> O <sub>5</sub>	L 3/4 - O	6	20
<b>16+4+8 Premium Fairway Fertilizer</b> (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

## HUMIC LIQUID & SOLUBLE GRANULES

Product Product Code	Humic Acid Content	Analysis				SGN	Use Rates on Turf (per acre)	Pkg. Wt.
		Calcium Sulfate Dihydrate (CaSO <sub>4</sub> • 2H <sub>2</sub> O)	Calcium (Ca)	Sulfur (S)	Soluble Potash (K <sub>2</sub> O)			
<b>UltraMate® LQ</b> 10000990	12%	-	-	1.0%	2.0%	N/A	9.4-14.0 liters/ha	2 x 9.46 liters
<b>UltraMate® SG</b> 10001179	70%	-	-	6.0%	14.0%	Water Soluble	0.6-3.4 kg/ha	13.6 kg

\* NPK - The first line of NPK is analysis as N + P<sub>2</sub>O<sub>5</sub> + K<sub>2</sub>O. The second line is analysis as N + P + K.

\*\*\* 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.

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

# 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.

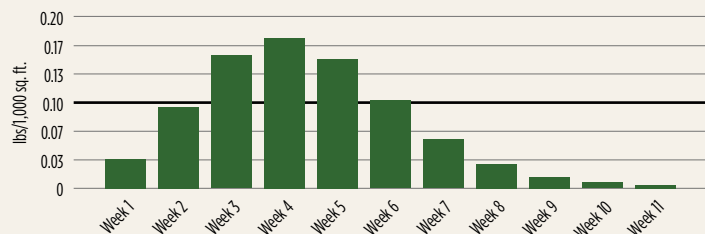
## SLOW-RELEASE NITROGEN

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

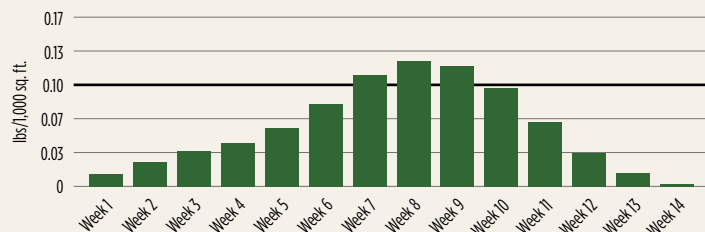
TURFGRASS RESPONSE TO NS-54™



### PCHCU®

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

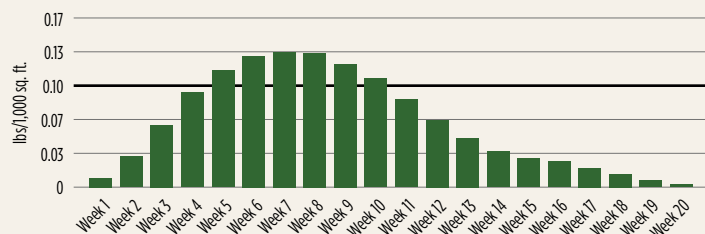
TURFGRASS RESPONSE TO PCHCU®



### 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

# NITROGEN SOURCES

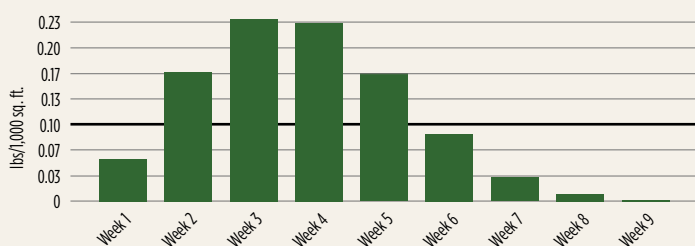
## HUMIC COATED QUICK-RELEASE NITROGEN

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

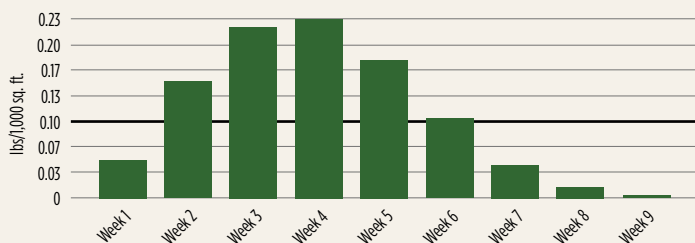
TURFGRASS RESPONSE TO HCAS™ SG



### 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<sup>®</sup> 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 <sup>®</sup> 44+0+0	PCHCU <sup>®</sup> 40+0+0	HCASTM <sup>™</sup> 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<sup>™</sup>



Urea Only

# CARBONCOAT<sup>®</sup> TECHNOLOGY

## 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<sup>®</sup> PRODUCTS

Product Product Code	Humic Acid	SGN	Analysis (%)	Use Rates on Turf	Bulk Density (kg/m <sup>3</sup> )	Pkg. Size
			Sulfur (S)			
HCU <sup>®</sup> 44+0+0	2%	Standard	-	Spray: 11.5-115.0 kg/ha Dry: 85-170 kg/ha	737	22.68 kg bag
HCAS <sup>™</sup> SG 20+0+0	2%	Water Soluble	23.0	12.4-122.4 kg/ha	929	15 kg poly bag
PCHCU <sup>®</sup> 40+0+0	1.8%	Standard	-	61-122 kg/ha	700	20 kg bag

# 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		
<b>Foltec® SG 24+0+8</b> 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
<b>Foltec® SG 16+0+16</b> 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
<b>Foltec® SG 8+24+8</b> 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
<b>Foltec® SG Minors</b> 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

## **DG 1+0+0** *TEA SEED MEAL FERTILIZER*

DG 1+0+0 is a natural fertilizer featuring high protein content and nutrients derived from tea seed meal. Dispersing Granule (DG) Technology simplifies application and more rapidly moves granules through the canopy and into the root zone.

Greens treated with DG 1+0+0 maintain a noticeably cleaner, more uniform playing surface. The result is reduced labor and a lower risk of mower damage.

*See page 24 for DG 1+0+0 line listing.*



## **FOLTEC® LQ** *FOLIAR NUTRITION*

### **Foltec® LQ Ultra Minors**

#### **POWERED BY KEYPLEX®**

KeyPlex is more than a minor element package. KeyPlex provides a complex of essential plant nutrients and bio-enhancements and utilizes the most efficient delivery system to supply them.

*See page 25 for Foltec LQ line listings.*

### **Foltec LQ Ultra 29+2+3**

Designed for use on turf and ornamental plants, this advanced formulation delivers a high nitrogen content with slow-release technology for consistent, even feeding and sustained plant performance.

## 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 <sup>2</sup>	Nitrogen g/m <sup>2</sup>	SR2000 Pro Spreader Settings***	Cone Setting	Pkg. Wt. kg
<b>8+0+16</b> (8+0+13.3)	100% AS, 2% Fe, 3% Mg, 5% Mn	-	Potassium Sulfate	15 - 30	1.20 - 2.40	I 3/4 - M	9	20
<b>10+5+25</b> (10+2.2+20.8)	50% MUtech®, 1% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu	MAP	Potassium Sulfate	15 - 30	1.50 - 3.00	J 1/4 - L 1/2	9	20
<b>13+2+13</b> (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
<b>14+28+10</b> (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 <sub>2</sub> O <sub>5</sub>	J - L 1/4	9	20
<b>15+0+29</b> (15+0+24.1)	100% MUtech®, 1% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu	-	Potassium Sulfate	15 - 25	2.25 - 3.75	I 3/4 - L	9	20
<b>18+6+15</b> (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

### TEE TIME® FAIRWAY SGN FERTILIZERS

<b>10+4+4</b> (10+1.76+3.32)	3% Fe, 4% Mg, 8% Ca	MAP	Potassium Sulfate	25 - 35	2.5 - 3.5	N - P 1/2	6	25
<b>19+26+5</b> (19+11.3+4.2)	18% MUtech®, 1% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu	MAP	Potassium Sulfate	15 - 25	3.90 - 6.50 P <sub>2</sub> O <sub>5</sub>	J 1/2 - L 1/2	7	20
<b>20+5+20</b> (20+2.2+16.6)	50% MUtech®, 2% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu	MAP	Potassium Sulfate	15 - 25	3.00 - 5.00	J 1/2 - L 1/2	7	20
<b>25+5+15</b> (25+2.2+12.5)	50% MUtech®, 1% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu	MAP	Potassium Sulfate	15 - 25	3.75 - 6.25	J 1/2 - L 1/2	7	20

### SPECIALTY FERTILIZERS

<b>ATEP DG™</b>	10% Humic Acid, 9.6% Biochar, 11.3% Mg, 7.9 Fe, 2% Mn, 0.1% Zn, 0.1% Cu, Greens SGN	-	-	9.8-14.6	-	I 1/4 - J 1/2	8	20
<b>DG 1+0+0</b>	Fertilizer and Soil Amendment, Greens SGN	-	-	15-30	0.2 - 0.3	J 1/2 - M	8	18
<b>3+2+1 Fertilizer with Hydra Charge®</b> (3+0.9+0.8)	Biosolids, Dual-Action Surfactant, Standard SGN	Biosolid	Potassium Chloride	24-48	0.7 - 1.5	N 1/2 - S	4	22.68
<b>Genesis Rx® DG 5+7+5</b> (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 <sub>2</sub> O <sub>5</sub>	J 3/4 - W	8	20
<b>0+0+30</b> (0+0+24.9)	KSO <sub>4</sub> , 3% Fe, 0.1% Mn, 0.1% Zn, 0.1% Cu, Greens SGN	-	Potassium Sulfate	15 - 25	4.50 - 7.50 K <sub>2</sub> O	I 3/4 - L	9	20
<b>0+0+50</b> (0+0+41.5)	Sulfate of Potash, Greens SGN	-	Potassium Sulfate	10 - 20	5.00 - 10.00 K <sub>2</sub> O	I - K 1/4	9	22.68

\* NPK - The first line of NPK is analysis as N + P<sub>2</sub>O<sub>5</sub> + K<sub>2</sub>O. The second line is analysis as N + P + K.

\*\*\* 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.

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

## MU-SPORTS™

MU-Sports™ are fertilizers that include MUtech® slow release nitrogen and are designed for higher cut turf such as fairways & sportsfields.

### MU-SPORTS™ - STANDARD FERTILIZERS

Product	Description	P Source**	K Source	Application Rates g/m <sup>2</sup>	Nitrogen g/m <sup>2</sup>	SR2000 Pro Spreader Settings™	Cone Setting	Pkg. Wt. kg
<b>24+2+10</b> (24+0.9+8.3)	50% MUtech®, 2% Fe, 2% Mg, 0.5% Mn, SGN 240	MAP	Potassium Sulfate	15 - 25	3.60 - 6.00	K 1/4 - M 1/4	5	25

## 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

<b>23+2+10</b> (23+0.9+8.3)	65% NS-54™, 5% Fe, SGN 150	MAP	Potassium Sulfate	15 - 25	3.45 - 5.75	K 1/2 - N	7	25
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### POLYSPORTS™ PREMIUM STANDARD FERTILIZERS

<b>18+24+12</b> (18+10.5+10)	48% NS-54™, SGN 240	MAP	Potassium Sulfate	15 - 30	3.60 - 7.20 P <sub>2</sub> O <sub>5</sub>	K 1/2 - N 1/2	4	25
<b>25+5+15</b> (25+2.2+12.5)	32% NS-54™, SGN 240	MAP	Potassium Sulfate	15 - 25	3.75 - 6.25	K 1/2 - M 1/2	4	25
<b>26+0+10</b> (26+0+8.3)	75% Extend™, 3% Fe, SGN 240	-	Potassium Sulfate	20-30	5.20 - 7.80	L 1/2 - N 1/2	4	25
<b>28+3+10</b> (28+1.3+8.3)	96% NS-54™, SGN 240	MAP	Potassium Sulfate	15 - 25	4.20 - 7.00	K 1/2 - M 1/2	4	25

### POLYSPORTS™ GENERAL PURPOSE STANDARD FERTILIZERS

<b>20+4+20</b> (20+1.7+16.6)	60% NS-54™, 5% Fe, SGN 240	MAP	Potassium Chloride	20 - 30	4.00 - 6.00	L 1/2 - N 1/2	4	25
<b>21+3+21</b> (21+1.3+17.4)	75% NS-54™, SGN 240	MAP	Potassium Chloride	20 - 30	4.20 - 6.30	L 1/2 - N 1/2	4	25
<b>28+3+10</b> (28+1.3+8.3)	50% NS-54™, SGN 240	MAP	Potassium Chloride	15 - 25	4.20 - 7.00	K 1/2 - M 1/2	5	25
<b>32+3+10</b> (32+1.3+8.3)	30% NS-54™, 2% Fe, SGN 240	MAP	Potassium Chloride	15 - 20	4.80 - 6.40	K 1/2 - L 1/2	4	25

### ORNAMENTAL & LANDSCAPE FERTILIZERS

<b>18+6+12</b>	1% Fe, 0.5% Mg, 0.1% Mn, 0.1% Zn, 0.1% Cu, SGN 240	Triple Superphosphate, Magnesium Ammonium Phosphate Hexahydrate	Potassium Sulfate	Various	See label	Various		25
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### FOLTEC® LQ ULTRA - 2 X 9.46 LITER CASES

Product	Cool Season Turf liters/ha	Warm Season Turf liters/ha	Spray Volume liters/ha	Other Nutrients (%)								pH	kg/L	Bio-Enhancements
				Ca	Mg	Fe	Mn	Zn	Cu	B	Si			
<b>0+0+27</b>	4 - 16	4 - 16	400 - 800	-	-	-	-	-	-	-	-	8.0	1.480	-
<b>29+2+3</b>	6 - 32	6 - 24	400 - 800	-	-	-	-	-	-	-	-	11.0	1.320	-
<b>Minors</b> POWERED BY KEYPLEX®	5 - 10	5 - 10	400 - 800	-	1.5	3.5	0.75	0.75	-	0.16	-	5.0	1.340	Humic and Alpha-Keta Acids

# 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



**Scan to watch  
the SR2000 Pro  
VIDEO!**

*For more information on our line of professional-grade spreaders,  
visit [AndersonsPro.com/Spreaders](http://AndersonsPro.com/Spreaders)*

# 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

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



# RESULTS FROM AROUND THE WORLD

UNITED STATES



NEW ZEALAND



UNITED KINGDOM



GERMANY



SCOTLAND



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