TURF & AMENITY
PRODUCTS

AUSTRALIA







The Andersons®

NutriDG™

DISPERSING GRANULE TECHNOLOGY

TRANSFORM THE WAY
YOU FEED YOUR TURF





28 Nutri DG Particles per 2.5 cm^2 are Applied ON the Turf

Nutri DG is Watered In and Rapidly Disperses Within Minutes

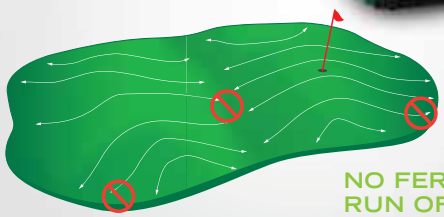
670,000 Nutrient Particles per 2.5 cm^2 are Dispersed INTO the Soil.

NUTRI DG
DISSOLVES INTO YOUR TURF

Improved Turf Nutrition

NO MOWER PICKUP





NO FERTILIZER RUN OFF

Reduced Player Impact

NO SHOE PICKUP



NO BALL PICKUP



NutriDG™

DISPERSING GRANULE TECHNOLOGY

THE NEXT GENERATION OF TURF NUTRITION

www.AndersonsTurf-Intl.com

Available in the United States as Contec DG

The Andersons®

New! Nutri DG Hi Vis

In addition to providing increased nutrient efficiency, Nutri DG is now:

- *Easier to see*
- *Easier to spread*



THE BENEFITS OF PROACTIN – Some Nutri DG products contain Proactin, a matrix of concentrated l-amino acids, plant active vitamins and other bio nutrients. Proactin contains significantly more concentrated and active amino acids than naturally occurring sea kelps or many competitive amino acid products. Proactin increases micro flora, improving soil structure and facilitating the assimilation of nutrients by turf. Plant active vitamins improve secondary root development, improving absorption and translocation nutrients in the plant. Nutri DG with Proactin is designed to be in a regular program rotation of amino acid supplements without interrupting other supplement programs.

OTHER KEY NUTRIENTS – Some Nutri DG products are formulated with selected minor nutrients, such as iron, magnesium, manganese, sulfur and calcium. The combination of secondary and minor nutrients in Nutri DG help build stress resistance as well as tolerance to specific turf diseases. Some products also contain ammonium sulfate as a source of quickly available nitrogen. Review the available Nutri DG products for the formula that best suits your needs. Watch for new products that will provide additional choices.

ENHANCED NUTRIENT DISTRIBUTION – Each Nutri DG particle disperses into thousands of micro particles. The large number of particles provide more effective distribution of nutrients to the turf. Increased nutrient uptake helps turf become more stress-tolerant, functional, and healthy looking.



"The dispersible granule product is perfect for our situation in a links environment. It breaks down very quickly, no pick up from the mowers and is absorbed into the turf very well. This type of product is perfect for modern day greenkeeping and I would recommend its use without hesitation".

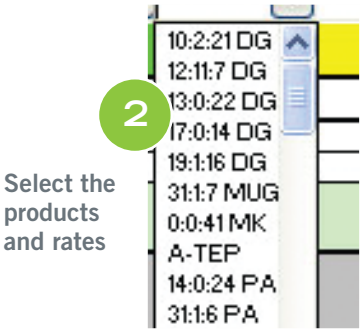
- Robert Patterson, Course Manager
Royal Aberdeen Golf Club (Walker Cup venue 2011), Aberdeen, Scotland.



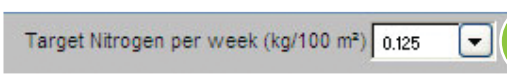
Modeling YOUR nutrition program is easy and can save you money



1 **Select your climatic region and enter the area of turf to be treated**



2 **Select the products and rates**



3 **Enter the target Nitrogen level**



4 **Use the response graph to model what's best for your turf**



5 **Compare the total seasonal nutrition costs with your current nutrition program**

Agronomic Advantages

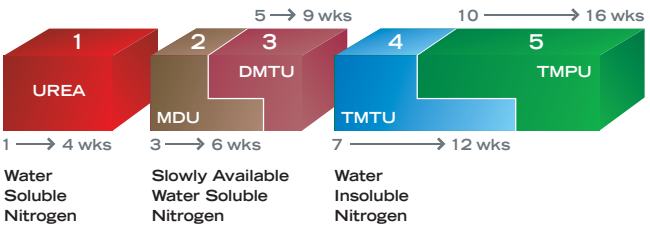
In addition to the clear advantages resulting from the dispersibility of Nutri DG, there are additional agronomic advantages associated with Nutri DG products.

MUTECH "ENGINEERED" SLOW RELEASE NITROGEN – MUtech methylene urea is designed for steady and predictable controlled release of nitrogen. MUtech allows for added flexibility in nitrogen management, and controlling turf growth to meet climatic as well as player demands. MUtech's key benefits are:

- Nitrogen is released through the naturally occurring action of soil microbial activity, helping nutrient performance and soil structure
- MUtech provides consistent, predictable feeding, turf color and growth
- Nitrogen release rate is not altered by physical damage to particle or by dispersion
- Loss of nitrogen to leaching and volatility is minimized. Once dispersed, DG technology is environmentally friendly as granules will not be "washed away" by surface water
- MUtech has a low salt index, resulting in low potential to burn turf under a wide variety of conditions

Dispersing granules and "engineered" methylene urea nitrogen allows for greater precision in managing nutrients and flexibility of application compared to other granules and nitrogen sources.

RELEASE PROFILE OF MUTECH



Try the Turf Nutrition Tool and see the benefits of a Nutri DG program!

The Turf Nutrition Tool (TNT) is a Microsoft Excel-based nutrition modeling program created to help you design a cost-effective nutrition program. It allows you to model the turf response of any Nutri DG product under a variety of climatic conditions.



TNT™ TURF NUTRITION TOOL

Website Resources

Many additional resources for Nutri DG can be accessed on www.NutriDG.com.

These resources include:

- Features and benefits
- Products (information and MSDS)
- User experiences
- Research
- Distributor listings



The Turf Nutrition Tool (TNT) nutrition program is available for several countries. Contact your local Andersons distributor for availability.

The Andersons

Australia Product Range



Product Range		Application Rates kg/100 m²	Nitrogen kg/100 m²	2000SR Setting	Cone Setting	Pass Width	Bag Size kg	Comments
Nutri DG™ Greens – SGN 75 dispersing granule technology for greens, tees, and other fine turf areas								
ZeroN 0:0:21	4% Mg, 3% Mn, Bio-enhanced with Proactin®	1.5 - 3.0	0	I - K ¾	9	3 m	20 kg	Use any time a nitrogen application is not desired or when sufficient nitrogen is available from effulent irrigation water. Bio-enhanced with Proactin®, a matrix of concentrated I-amino acids, vitamins, and other bio-nutrients which increases soil micro flora, improves soil structure, and facilitates nutrient uptake. High K formula helps correct and maintain soil potassium levels. Also contains 4% Mg and 3% Mn.
Kal-tec 0:0:11	0:0:11 / 10.5% Ca, 2% Mg, 1.5% Mn	2.5 - 5.0	0	I ¾ - N	9	3 m	25 kg	Supplies K and adds Ca to the soil without raising soil pH. Ideal for use on soils irrigated with effluent water. Contains calcium sulphate + 2% Mg, 1.5% Mn.
Mag-tec 0:0:10	0:0:10 / 24% Mg	1.0 - 2.0	0	I - K ½	9	3 m	25 kg	Supplies K and is designed to correct Magnesium levels in the soil. Unique formulation provides ⅓ Mg in a soluble form and ⅔ Mg in oxide form for longer release.
10:2:17	50% MUtech™	1.5 - 3.0	0.15 - 0.30	I ½ - L¼	9	3 m	20 kg	Spring / Autumn High K formula. contains 50% MUtech™ methylene urea for controlled release of nitrogen.
12:11:7	50% MUtech™	1.5 - 2.5	0.18 - 0.30	I ¾ - K¾	9	3 m	20 kg	Ideal for establishing turf from seed or sod. 50% MUtech™ methylene urea for controlled release of nitrogen.
15:0:12	50% MUtech™	1.5 - 3.0	0.23 - 0.45	I ¾ - L½	9	3 m	20 kg	Spring / Autumn N/K formula contains 50% MUtech™ methylene urea for controlled release of nitrogen.
13:0:22	100% MUtech™	1.5 - 3.0	0.20 - 0.39	I ½ - L¼	9	3 m	20 kg	Summer / Warm Weather Hi K formula contains 100% MUtech™ mythlene urea for controlled release of nitrogen.
18:1:15	93% MUtech™	1.5 - 3.0	0.27 - 0.54	I ¾ - L½	9	3 m	20 kg	Summer / Warm Weather NPK formula contains 93% MUtech™ mythlene urea for controlled release of nitrogen.
DG Pro® Soil Enhancers - SGN 100 for greens, tees, sportsfields, & other fine turf								
DG Lime	30.0% Ca, 4.0% Mg	1.0 - 4.0	0	I - M ¼	9	3 m	25 kg	Dispersible Limestone with DG Pro technology. Use to correct or maintain soil pH.
DG Gypsum	21.0% Ca	2.5 - 5.0	0	K ½ - N ½	9	3 m	25 kg	Dispersible Gypsum with DG Pro technology. Use to add calcium and reduce sodium levels in the soil.
MU Greens™ – SGN 125 Premium micro granule								
eXtra N	31:1:7 / 45% MUtech™, 1.0% Fe, 1.0% Mn	1.2 - 2.0	0.37 - 0.62	K - L¾	7	3 m	20 kg	High nitrogen formula for renovation of fine turf areas. 45% MUtech™ methylene urea.
Specialty Greens – SGN 100 - 125 Premium micro granule								
A-TEP	12% Mg, 8% Fe, 3% Mn, 1% Zn, 0.5% Cu	0.7 - 1.1	NA	H½ - I½	5	3 m	20 kg	Granular micronutrient package. SGN 125
PolySports™ – SGN 150 to 215 Mid size granule for use on fairways, playing fields, turf farms, or other amenity turf areas								
Mini 150	23:1:8 / 65% NS-52, 5% Fe	1.5 - 2.5	0.35 - 0.58	K ½ - N ¼	7	3 m	20 kg	Balanced formula with 65% NS-52 coated N and 5% Fe for extra greening. Mini granule. SGN150
eXtra P Turfstarter	18:10:10 / 48% NS-52	1.5 - 2.5	0.27 - 0.45	L½ - N	4	4 m	20 kg	High P starter contains 48% NS-52™ coated slow release N. SGN 215
eXtra Balance Plus	21:0:16 / 75% NS-52, 3% Iron	2.0 - 3.0	0.42 - 0.63	L½ - N	4	4 m	20 kg	Balanced formula with 75% NS-52™ coated N + 3% Fe for extra greening. SGN 215
eXtra N	28:1:8 / 96% NS-52™	1.5 - 2.2	0.42 - 0.62	K¾ - M¼	4	4 m	20 kg	High Nitrogen formula with 96% NS-52™ coated N. SGN 215
Paclo-Pro® – SGN 100 micro granule for growth regulation as well as suppression and control of wintergrass (Poa annua)								
Paclo-Pro®	14:0:24 / 50% MUtech™	1.10 - 1.65	0.15 - 0.23	J - J¾	7	4 m	20 kg	3.4 g/kg Paclobutrazol 50% MUtech™ methylene urea
Paclo-Pro®	31:1:6 / 50% MUtech™	0.95 - 1.40	0.29 - 0.43	H¼ - I½	7	4 m	20 kg	4.2 g/kg Paclobutrazol 50% MUtech™ methylene urea
Pre-Emergence Herbicides – SGN 215 combination herbicide and controlled release fertiliser for control of wintergrass, summergrass, crab grass, & crows foot								
Pendi-Pro®	22:0:5 / 40% NS-52™	1.6 - 2.6	0.35 - 0.57	K¼ - M½	4	4 m	20 kg	7.5 g/kg Pendimethalin 40% NS-52™ coated slow release N
Oxa-Pro®	15:2:8 / 40% NS-52™	3.0 - 4.0	0.45 - 0.60	O½ - Q	4	4 m	20 kg	10.0 g/kg Oxadiazon 40% NS-52™ coated slow release N

The Andersons, Inc. is a diversified corporation located in Maumee, Ohio USA with interests in the grain, ethanol and plant nutrient sectors of U.S.A. agriculture as well as railcar leasing and repair, turf products production, and general merchandise retailing. For more information visit our website www.andersonsinc.com



TURF AND SPECIALTY GROUP



GRAIN GROUP



ETHANOL GROUP



RAIL GROUP



PLANT NUTRIENT GROUP



RETAIL GROUP

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