

Product of the Month- The Andersons Nutri DG



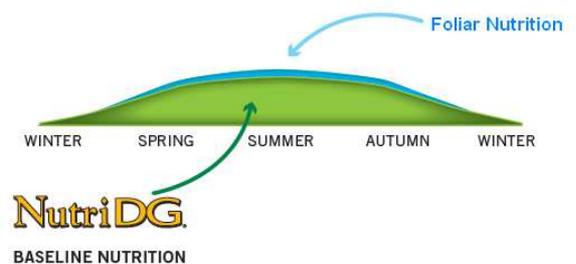
The Andersons dispersible granule technology is the global benchmark in dispersive technologies for turf. Researched and manufactured specifically for turfgrass in the US, The Andersons DG technologies are available to Australian turf managers through Globe Growing Solutions. The diverse range of nutrition and amendment products formulated with the DG Technology provides a product for every turfgrass nutritional requirement. The use of dispersive nutrition products presents several key benefits, though the specific nature of The Andersons DG products provides turf managers with many associated benefits and features to assist in sustaining healthy vigorous turf.

Using The Andersons DG Products

Granular nutrient applications ensure adequate levels of plant nutrition throughout the growing season. Soil testing and plant tissue analysis are valuable tools that can be used to determining the correct amount and balance of nutrients is essential to turf health. Other factors to take into consideration are the turf type, the length of growing season, climatic conditions, and the amount of wear the turf is exposed to. The timing and levels of turf nutrition depends on the type of turf being grown.

Warm Season Turf

Warm Season Turf generally requires a higher percentage of its nutrition to be delivered during the period of late spring through early autumn. A Baseline Turf Nutrition Plan includes soil based granular applications throughout the growing season. Foliar nutrition is then applied to complement granular baseline nutrition.



Cool Season Turf

Cool Season Turf generally requires a higher percentage of its nutrition to be delivered in the spring and autumn, with moderate needs during the summer months. A Baseline Turf Nutrition Plan includes soil based granular applications throughout the growing season. Foliar nutrition is then applied to complement granular baseline nutrition, especially during the summer when turf can be under stress.



No Mower Pickup following application. Nutri DG readily disperses into the turf canopy following irrigation, eliminating mower pickup and delivering 100% of applied nutrients to the turf. Mower pickup of conventional granular fertilizers is reported to be as high as 15-25%.

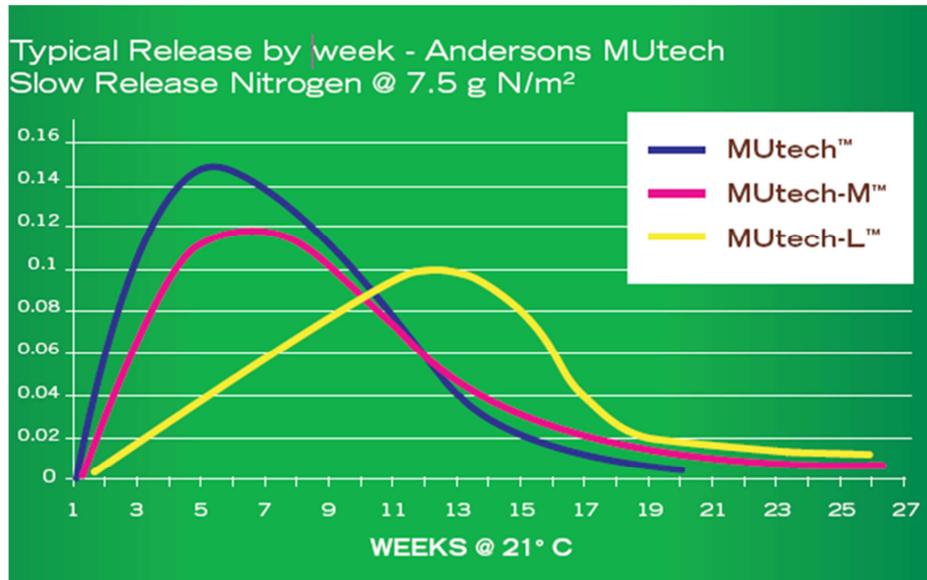
No Prill Damage of residual shells. Nutri DG technology does not rely on a physical coating to release nutrients. Coated fertilizers are very susceptible to mower damage which results in premature and inconsistent nutrient release.

No Particle Movement following application. Nutri DG disperses quickly when water is applied and moves through the turf canopy into the soil. In a heavy rain or over-irrigation, conventional fertilizers may float and be carried off the intended application area or be deposited in low lying areas where damage or inconsistent growth may occur.

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 increases micro flora, improves soil structure and enhances turf stress resistance.

Humic Acid Precursor (HAP) is a unique water soluble binder system used in Nutri DG. Through biochemical reactions in the soil, the humic acid precursor component is transformed into humic and fulvic acids which help chelate nutrients in the soil. For best results, humic acid precursor should be applied at light, frequent rates to maintain activity.

MUtech slow release nitrogen technology is included in many key Nutri DG formulations for sustained and consistent feeding of nitrogen following application. MUtech is comprised of different methylene urea molecules of varying size, complexity and solubility. This results in predictable controlled release nitrogen that is primarily temperature driven, with nitrogen released at a pace that matches plant growth requirements. The result is a steady, sustained release of nutrients and a growth pattern that matches this.



The Andersons Nutri DG & DG Pro Products in Australia from Globe

Product Range		Application Rates kg/100 m ²	Nitrogen kg/100 m ²	2000SR Setting	Cone Setting	Pass Width	Bag Size kg
■ 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
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
Mag-tec 0:0:10	0:0:10 / 24% Mg	1.0 - 2.0	0	I - K ½	9	3 m	25 kg
10:2:17	50% MUtech™	1.5 - 3.0	0.15 - 0.30	I ½ - L ¼	9	3 m	20 kg
12:11:7	50% MUtech™	1.5 - 2.5	0.18 - 0.30	I ¾ - K ¾	9	3 m	20 kg
15:0:12	50% MUtech™	1.5 - 3.0	0.23 - 0.45	I ¾ - L ½	9	3 m	20 kg
13:0:22	100% MUtech™	1.5 - 3.0	0.20 - 0.39	I ½ - L ¼	9	3 m	20 kg
18:1:15	93% MUtech™	1.5 - 3.0	0.27 - 0.54	I ¾ - L ½	9	3 m	20 kg
■ 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
DG Gypsum	21.0% Ca	2.5 - 5.0	0	K ½ - N ½	9	3 m	25 kg

Seasonal Focus

Shiba Fungicide at Renovations



As autumn renovation approaches across most of the country, now is the time to think about protectant fungicide applications. Ensuring your turf is protected from fungal diseases prior to renovation period is essential in optimising turf recover coming into winter. Diseases such as Brown Patch and Dollar Spot are of particular concern during the autumn renovation season.

By selecting an appropriate fungicide to protect your sward during renovation, you can ensure that full plant health is achieved prior to winter. **Shiba Fungicide** is an innovative new fungicide bringing with it a new active and mode of action to the Australian turf market. **Shiba's** long residual performance on Brown Patch and Dollar Spot and the fact that it **possesses no growth regulation characteristics**, makes it an ideal fit in a renovation program. Ask your Globe Client Manager about factoring **Shiba** into your maintenance program.

Globe Analytical at Renovation



Check out Globe's interactive, online analytical reporting interface
Globe Analytical – at www.globeanalytical.com.au

Ask your local Globe Client Manager about the service and lock in soil testing for this autumn renovation to give the service a go.

Key Benefits of Globe Analytical

- Soil, water, tissue and diagnostic reports all stored in one place online
- Comprehensive analysis packages for soil, water and plant tissue
- Free service for Globe customers with absolutely no cost or obligation for use of the website
- Interactive features allowing for comparison, averaging and analysis of results

Quick Turnaround Times

Sample processing is streamlined through Globe Analytical's automated submission system. Globe Analytical uses a local Australian laboratory resulting in quick turnaround times. This ensures you have access to your important results when you need them. Renovation practices and amendment options can be put in place more efficiently giving you healthier turf faster.

Same Lab and Same Extraction Method

Using the same laboratory and exactly the same tried and true extraction methods as Globe's previous soil analysis packages allows for continuity and comparability between old and new soil tests. Using the ammonium acetate as the extraction agent, the Globe Analytical Soil Analysis offers an indication of plant available nutrients – just the same as always.

Comprehensive Analysis Packages

Globe Analytical's soil, water and plant tissue analysis packages are all comprehensive. The soil analysis reports on all major parameters specific to turfgrass management with turfgrass specific guidelines. The water analysis is specifically designed for turfgrass managers and is geared towards identifying issues that may occur from the use of poor quality irrigation water.

What's New from Globe

Humic DG™

Now Available from Globe Growing Solutions is Humic DG– a first for the Australian Turf and Landscape market. Humic DG brings new technology to the Australian turf market in the form of a blendable, dispersible and spreadable biological, organic amendment. Unlike other organic amendments currently available, Humic DG contains four vital components to assist in conditioning the soil, stimulating microbial activity and promoting plant health and stress resistance.

The Pesticide Adjuvant **Indicate 5®**

Indicate 5 is a premium multi-purpose adjuvant designed to adjust pH in water so that maximum efficacy of foliar sprays can be realised. Derived from unique US technology, Indicate 5 comes to the Australian Turf Market through Globe Growing Solutions. Indicate 5 will acidify all alkaline waters as well as neutralise the dissolved salts present in hard waters. Mixing Indicate 5 into your spray solution requires no lab tests, litmus paper, or guesswork. Indicate 5 turns the solution pink when the optimum pH has been achieved making it easy and efficient to use.



New from Globe Growing Solutions, Cascade Wetting Agents are a premium range of Australian made wetters to suit any turf or landscape situation. Manufactured locally with premium surfactant components, the Cascade range is designed specifically for the Australian Turf Manager, to suit the harsh Australian climate. The range includes:

- **Cascade Granular** – a premium granular wetting agent with immediate and residual wetting agent activity, ideal for broadcast application or incorporation into growing media.
- **Cascade Gold** – a highly concentrated premium formulation designed for the immediate relief and ongoing prevention of localised dry spot, particularly effective on sand based profiles.
- **Cascade Silver** – a high quality, multi-purpose wetting agent and penetrant, ideally suited to moving water into hydrophobic soil and thatch, and as a surfactant additive to soil applied pesticides.
- **Cascade Bronze** – an economical blend of quality surfactants designed specifically for broadcast application for the prevention and correction of hydrophobic conditions.

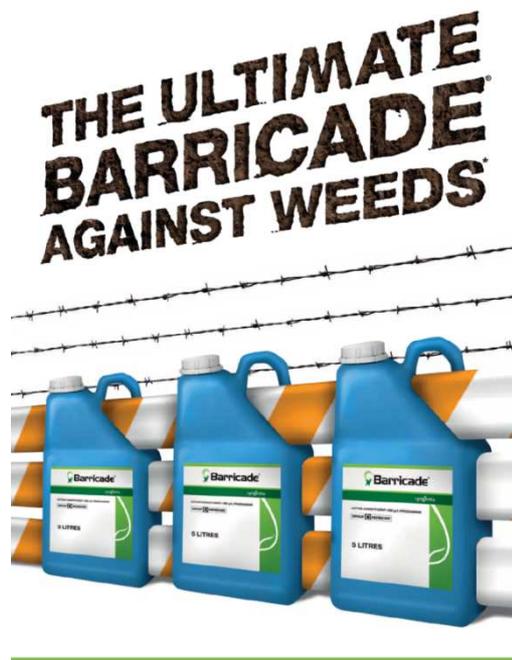
Pre-Emergent Herbicide Options for Autumn

Barricade Herbicide

As the summer comes to an end we are now officially in cool down mode. With air temperatures beginning to drop in many parts of the country soil temperatures will not be far behind. Now is the ideal time to be applying a long term residual pre-emergent herbicide to guard against wintergrass this season. Barricade can deliver up to 6 months residual control, therefore the positioning of applications can be carried out well in advance of weeds germinating and still deliver season long control. Autumn applications for the control of wintergrass should ideally be applied around the end of February or beginning of March, with control lasting up to the end of the season.

As a pre-emergent herbicide Barricade works in the top soil layers. Application targeted towards delivering Barricade close to the soil surface is best suited to ensure optimum results. Barricade needs to be washed into the soil within 7 days after application.

- Season long control for up to 6 months
- Flexible application window – well before weeds germinate
- Non-scheduled with high turf safety
- Low odour, non-staining formulation
- Economical solution for Summer grass, Crowsfoot Grass and Winter Grass – single application per season
- Complete couch solution for Winter Grass (*Poa annua*) control when mixed with Monument Liquid



The Andersons Oxa-Pro & Pendi-Pro



The Anderson's Oxa-Pro and Pendi-Pro are a unique combination of fertilizer and pre-emergent herbicide that are specifically designed for maximum convenience and results. By combining two treatments (fertiliser and herbicide) in one application, the budget conscious turf manager is able to save time and labour costs. Being a granular product application is also often considered to be safer and more efficient than spraying liquid herbicides – eliminating the potential for drift and off-target damage. In addition to application benefits, mixing and handling safety is improved through the use of a granule as opposed to a liquid product.

By achieving pre-emergent control of Australia's key annual grass weeds, The Anderson's Oxa-Pro and Pendi-Pro offer turf managers a flexible tool in dealing with problematic weeds. The addition of quality nutrients including Polymer Sulphur Coated Urea in the formulation provides the turf plant with the nutrition required to outcompete weeds following application.

Product	MOA	Active	Rate	NPK	Weeds Controlled
Oxa-Pro	Leaf absorbed	Oxadiazon	300-400kg/ha	15:2:8	Winter Grass Summer Grass Crowsfoot Oxalis
Pendi-Pro	Root absorbed	Pendimethalin	160-260kg/ha	22:0:5	Winter Grass Summer Grass Crowsfoot

Speak to your local Globe Client Manager for more information about our range or free call

1800 244 300

VISIT OUR WEBSITE

www.globegrowingsolutions.com.au