Golf Course & Landscape Fertilizers

The Andersons offers a full range of premium HIGH-PERFORMANCE fertility and control product solutions to assist Superintendents and Professional Turfgrass Managers in creating and maintaining top quality playing conditions. Performance driven by research, innovation and technology for A+ TURF HEALTH.

PATENTED 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.

LESS INTERRUPTION OF PLAY

Nutri DG requires less watering to disperse the nutrient granules allowing for less downtime and a drier and firmer playing surface.

NO STICKY RESIDUE

Nutri DG melts into the turf canopy. The result is no sticky fertilizer residue which can accumulate on shoes, balls, and equipment.

OPTIMIZED NUTRITION

Nutri DG is designed to optimize granular turf nutrition by combining premium nutrients with our Dispersing Granule Technology, minimizing mower pickup and delivering more fertility for the plant.

GRANULAR NUTRITION

NPK	Description	N Composition (%)				P Source	K Source	Rates kg/ 100 m²	Rates lb/ 1000ft.²	Pkg. Wt. kg
		Amm N	Urea N	WIN	WSN					
NUTRI DG GREENS – SGN 75 – FOR GREENS, TEES, SPORTS FIELDS & OTHER FINE TURF										
12-3-12	GEN 3 0.3% Fe, 0.5% Mn, Bio-enhanced with Amvital	12.00	-	-	-	MAP	Potassium Sulfate	0.85 - 2.05	1.70 - 4.20	20
12-24-8	50% MUtech, 0.3% Fe, 0.5% Mn	6.00	0.90	2.10	3.00	MAP	Potassium Sulfate	1.53 - 3.05	3.13 - 6.25	20
13-0-26	100% MUtech	-	1.95	4.55	6.50	-	Potassium Sulfate	0.95 - 1.86	1.90 - 3.80	20
17-0-17	GEN 3 50% Mutech, 0.5% Fe, 0.25% Mn	5.31	4.46	2.98	4.25	-	Potassium Sulfate	1.44 - 2.87	2.94 - 5.88	20
18-0-5	75% Mutech, 6.85% S, 7.0% Mn	4.50	2.02	4.73	6.75	-	Potassium Sulfate	0.85 - 2.45	1.7 - 5.00	20
18-9-18	GEN 3 60% Mutech, 0.3% Fe, 0.14% Mn	4.17	4.73	3.75	5.35	MAP	Potassium Sulfate	1.36 - 2.71	2.78 - 5.56	20
19-0-15	100% Mutech, 1.0% Mg, 0.5% Fe, 0.05% Mn, 0.05% Zn, 0.05% Cu	-	2.26	6.89	9.85	-	Potassium Sulfate	1.27 - 2.59	2.60 - 5.30	20
DG SOIL ENHANCERS – SGN 75-100 – FOR GREENS, TEES, SPORTS FIELDS & OTHER FINE TURF										
5-7-5 Genesis Rx	49% Mutech, 21.5% Humic DG, 0.9% Fe, 3.2% Mg, 0.5% Mn, 3.7% Ca, 6.5% S, SGN 75	1.86	1.07	0.86	1.22	Struvite/ MAP	Potassium Sulfate	2.44 - 9.77	5.0 - 20.0	20
DG Gypsum	Dispersable Gypsum for adding Ca and reducing Na 21% Ca, SGN 100	-	-	-	-	-	-	2.94 - 49.00	6.00-100.00	25

HUMIC PRODUCTS

Product	Humic Acid Content (A&L Method)	Analysis (%)			SGN	Use Rates on Turf	Bulk Density (kg/m³)	Pkg. Size		
		Calcium Sulfate Dihydrate ($CaSO_4 \cdot 2H_2O$)	Calcium (Ca)	Sulfur (S)						
Humic DG	62%	-	-	-	75 or 240	45 -225 kg/ha 40 - 200 lbs/ac	640	20 kg poly bag 907 kg bulk bag		
Black Gypsum DG	21%	48.0	12.0	8.9	75 or 240	150 - 600 kg/ha 130 - 250 lbs/acre	785	20 kg poly bag 907 kg bulk bag		
HCU 44-0-0	2%	-	-	-	215	Spray: 11.5 - 115.0 kg/ha Dry: 85 - 170 kg/ha	737	22.68 kg bag		

FERTILIZERS WITH HUMIC

Product	Feature	Typical Rates			SGN	Sources		Use Rates on Turf	Pkg. Wt.	
		Products Lbs/M	Nutrients Lbs/M	Black Gypsum DG Lbs/Acre		P	K			
22-0-4	50% of N from HCU 43% Black Gypsum DG	4.0	0.88 N	74	240	-	SOP	1.7 - 2.20 kg/100m² 3.5 - 4.5 lb/1000ft²	20 kg	
Castaway DG	Derived from Tea Seed Meal, DG Technology, 1% N	3.0 - 5.0	-	-	100	-	-	3 - 6 lbs/1000ft²	18.14 kg	

Ask your Even-Spray sales representative about the complete high-performance Andersons product line-up of plant nutrition and protection that can take your turf to the next level. www.AndersonsPlantNutrition.com

Liquid & Granular Soil Amendments / Enhancers

AQUATROLS Blast Sprayable

An advanced, uniquely safe acid formulation combined with Synergy Technology, a patented and advanced soil surfactant. Blast Sprayable safely dissolves carbonate build-up in the soil, rapidly opening soil pore space for better infiltration and percolation of water. It also frees up bound Calcium, Magnesium, and other bound nutrients.

- Greens Rate: 22 – 44 ml / 1,000 ft² in 7.6 Litres of water.
- Fairway Rate: 946 ml – 1.89 litres in 189L (50 US Gallons) of water per acre.
- Apply 1 X / week for 3 weeks and then every 14 days, as needed.
- Irrigate in immediately after applying to move Blast into the soil profile.
- Available in 10L jugs.

BLAST SPRAYABLE®

GRIGG™ KELPLEX™ 1-2-2 – 9.46 Litre

GRIGG™ Kelplex™ contains seaweed extract (Ascophyllum nodosum) in a liquid form which can be used as an excellent component of a summer stress management program.

- Concentrated 75% foliar seaweed extract containing an active source of natural plant growth regulators, Organic and Amino Acids.
- Contains enzymatic and non-enzymatic antioxidants, limiting oxidative stress.
- Improves heat, drought, and salinity stress tolerance.
- Increases primary plant metabolism including photosynthesis and protects cellular membranes.
- Supplement to an existing foliar and granular fertilizer program.
- Apply at a rate of 30 – 60 ml / 1,000 ft² every 14 days prior to the onset of stress.

Brandt Seaweed Max 0-0-2 – 9.45 Litre

Brandt's Seaweed Max is a concentrated formulation containing 25% seaweed extract derived from Ascophyllum nodosum. Used as an important management tool to enhance plant tolerance to and recovery from abiotic stress, resulting in better turf establishment and overall vigor. The potassium content Potassium Citrate) helps regulate primary physiological processes that impacts turf response to stress and supports cellular processes. Can be sprayed or applied via deep root injection.

- Derived from Ascophyllum nodosum seaweed and Potassium Citrate.
- Use to combat turfgrass stresses throughout the growing season and during seed establishment.
- Spray Application Rate: 45 – 90 ml / 1,000 ft² monthly.
- Deep Root Injection Rate: 1.89 – 3.78 litres in 40 litres of water.

Target Specialty Products RDX-5-2-0 with 2% iron

5% of total N supplied by slow release organic matter in a 150 SGN particle size. This product was developed to mimic Milorgonite which is no longer available in Canada.

HUTCHESON Green Topdressing & Divot Sand – 50 LB Bags

Made to meet USGA specifications, Hutcheson's green-dyed topdressing sand can assist in increasing green speed by producing a smoother putting surface. Washed and dried; easy to apply with a rotary spreader without drag matting.

- Provides visually superior divot repairs on tees / fairways and on thin or worn areas on putting surfaces.
- Light application rates help prevent thatch build-up with fewer player interruptions – no matting in eliminates turf abrasion, encouraging turf health.
- Also available – **Early Green** Black Topdressing Sand and **B Natural** non-dyed Topdressing Sand.

PROFILE POROUS CERAMIC Soil Amendment – 50 LB Bags

There is a Profile Porous Ceramic particle size for every area on your golf course, whether it is sand-based or native soil, for new construction, renovation, or maintenance. Added to sand or soil, it increases drainage at the same time it increases moisture retention, a result of balancing air and water pore space in the root zone.

A Profile particle is 74% pore space with approximately 39% capillary (water) and 35% non-capillary (air) pores. Available in Greens Grade and Field & Fairway Grade in both "Natural" "Emerald Green" colours to suit your application needs.

Profilegolf™

- Holds 93% of it weight in water and makes it plant available.
- Drains faster than sand; reduces water usage up to 20%.
- Prevents compaction; eliminates localized dry spots.
- Reduces organic build-up and dries out surface algae.

Common Applications Include:

- Light, frequent topdressing programs.
- Backfill for aerification on putting greens.
- Blended into soil for renovation/construction.

Soil Surfactants & Conditioners

For over 50 years, Aquatrols has built a global reputation for innovation, reliability, and value by delivering the results you need to achieve success. Now, more than ever, making the best use of water and other resources is essential – and Aquatrols is leading the way. Golf course superintendents worldwide rely on Aquatrols surfactants to optimize soil/water/plant interactions, improve irrigation efficiency, and save water and energy. Find the product below that best suits your needs.

PENETRANT	HYBRID	RETAINER

Sixteen90 is a highly-efficient straight block co-polymer penetrant ideal when managing problematic soils high in organic matter or heavy clay. Guaranteed safe protection against water repellency problems while promoting turf uniformity for 90 days. **Sixteen90** outperforms the competition in providing more consistent management of water repellency, and will not "break" under climatic stress or drought conditions like traditional long-term products.

- Monthly Rate: 120 – 180 ml/100m² of Sixteen90 in 8 litres of water (4 - 6 fl. Oz./1,000ft² in 2 US Gallons of water.).
- 90-Day Rate: 240 ml/100m² of Sixteen90 in 10 litres of water (8 fl. Oz./1,000ft² in 2.5 US Gallons of water.). Repeat app. in 7 – 10 days.
- Available in 10L jugs and 113.5L drums.

Dispatch is a patented technology that maximizes irrigation efficiency by enhancing water penetration, allowing you to save water and energy. This synergistic blend of block co-polymer and polyglycoside surfactants helps **Dispatch** maintain turf performance – reduces leaching, enhances fertilizer efficiency. Low, economical use rates make **Dispatch** ideal for larger area applications such as tees, fairways, surrounds on golf courses and on sports turf such as soccer fields.

- Application Rate: .58 – 1.75 L of Dispatch per Hectare (8 – 24 fl. Oz./ Acre) every 1 – 3 weeks. Rates vary by application intervals.
- Watering in is not required.
- Compatible with most turf chemicals.
- Available in 10L jugs and 113.5L drums.

Zipline® ST is a dual-action soil surfactant blend that promotes uniform hydration of soil and delivers consistent results. Specifically designed for turf care professionals, **Zipline ST** is a game-changing formulation engineered to improve water infiltration and deliver balanced hydration. Improves stress tolerance and overall turf quality with excellent LDS prevention AND recovery. **Zipline ST** provides outstanding dew suppression and produces healthy turf resulting in reduced disease pressure.

- Greens Application Rate: Apply 190 to 260 ml/100m² (19 to 26L per hectare) on a monthly basis in a minimum of 2 litres water.
- Fairways Application Rate: Apply 6 to 19L per Hectare on a monthly basis.
- Split applications every 14 days will optimize product performance.
- Available in 10L and 113.5L drums.

Revolution is not your typical wetting agent. It's the only soil surfactant that can balance air to water ratios in the rootzone under wet or dry conditions. By managing moisture more efficiently, **Revolution** keeps surfaces drier for firmer greens and better playability. This patented Aquatrols formulation gives you consistent control for healthier turf and better playing surfaces all season long.

- Program Rate: 190 ml/100m² of Revolution in 8 litres of water (6 fl. Oz./1,000ft² in 2 US Gallons of water.) Apply monthly prior to onset of stress conditions. Irrigation should be applied the evening after application to enhance product movement into the soil.
- Available in 10L jugs and 113.5L drums.

Primer 604 is a high-performance soil surfactant that is the foundation of an effective rootzone management program. It's safe for all turf species, throughout the entire growing season and in all climates. **Primer 604** can help you maintain your greens, tees, and sports turf by managing water repellency – the major contributor to localized dry spot. This matrix flow surfactant is specifically formulated by Aquatrols to establish uniform downward and lateral water flow in the soil profile.

- Maintenance Rate: 125 ml/100m² of Primer 604 in 8 litres of water (4 fl. Oz./1,000ft² in 2 US Gallons of water.). Apply monthly.
- Recovery Rate: 190 ml/100m² of Primer 604 in 8 litres of water (6 fl. Oz./1,000ft² in 2 US Gallons of water.)
- Available in 10L jugs and 113.5L drums.

Soil Surfactants & Plant Health Products

PRECISION LABORATORIES RESCUE EZ-TABS SOIL SURFACTANT

Precision Lab's RESCUE EZ-Tabs are a unique blend of polymeric surfactants designed to increase water infiltration, improve water retention, provide a rescue treatment for localized dry spot (LDS) and reduce product handling. RESCUE EZ-Tabs may be used alone or as part of a comprehensive water management program.
An easy-to-use soluble tablet designed to hydrate the plant root zone and provide a rescue treatment for hot spots.

- Use with the **PelletPro™** Applicator Hose-end Gun.
- Can be used alone as a rescue application for hot spots on turf or as part of a comprehensive water management program – complete flexibility for the turfgrass manager.
- Use Rate: One tablet covers approximately 12,000-18,000 ft² (1,115-1,672 m²) of turf. Severity of localized dry spot, water temperature, water pressure and application technique may cause coverage to vary. Each EZ-Tab disperses in approximately 40 minutes.
- Use on golf course turf, sports turf, and residential lawns.
- 24 x 170-Gram Tablets per Case.

ADVANTAGE+ seaweed

AQUATROLS ADVANTAGE PLUS SEAWEED

A convenient supplement to your regular fertility or surfactant program. **Advantage Plus Seaweed** pellets promotes fast recovery of stressed turf and stimulates root growth leading to healthy, vigorous turfgrass.
Use **Advantage Plus Seaweed** pellets in conjunction with your regular hand watering and syringing to improve overall turf performance. Improved, balanced .01-.01-.03 + 0.2% Iron and Seaweed Extract formula.

- Promotes fast recovery of stressed turf while stimulating root growth.
- Application Rate: One Advantage Plus Seaweed pellet will treat approximately 4 to 6 average-sized greens, watering at a rate of roughly 10 minutes per green.
- One box contains 6 x 226-gram (8 oz.) pellets.
- Easy to use with the PelletPro™ Applicator Gun.

PelletPro™ Applicator Gun

AQUEDUCT® FLEX GRANULAR

AQUEDUCT® FLEX GRANULAR SOIL SURFACTANT

An all-new fast acting dual-action granular soil surfactant that treats and prevents localized dry spot (LDS). Aqueduct® Flex provides rapid recovery of stressed turf, with visible results in as little as 3 DAYS when applied at the treatment rate. Aqueduct® Flex also provides up to 30-DAY PROTECTION against the development of LDS when applied on a monthly basis.

- Designed to fit into your turf or landscape management program.
- Safe to use on all turf varieties and areas - golf course greens, tees, fairways, athletic fields, and residential lawns. It can also be used on ornamental gardens, landscapes, trees, and shrubs.
- Does not need to be watered in when applied.
- Maintenance Rate – 0.5 kg. /100m² (1.0 lb. /1,000ft²) every 30 days.
- Recovery Rate – 1.25 kgs. /100m² (2.5 lbs. /1,000ft²).
- 20-Kilogram resealable poly bag.

Vivax™
HYDRATION & INFILTRATION

Vivax™ is a combination of new surfactant technologies designed to manage water across a wide range of soil and turf types, making it ideal for use on golf courses and sports turf.

WHAT MAKES VIVAX BETTER:

- Manages water across a wide range of soils and turf types.
- Effective in programs that increase microbial populations.
- Improves soil solubility and soil hydration.

FEATURES AND BENEFITS:

- Contains four surfactant technologies – effective across a wide range of conditions.
- Reduces surface tension – less run-off and wasted water.
- Greater soil solubility – improved turf quality and irrigation efficiency.
- Resists microbial breakdown – ideal for use in programs that increase soil microbial populations.

USE RATES:

- Apply 0.15 L (5 oz.) per 1,000 ft² (93 m²) in sufficient water volume (min. 3.78L or 1 USG) to ensure proper coverage.
- Apply 6.5 L (220 oz.) per acre (0.4 Ha) in sufficient water volume (min. 165L or 44 USG) to ensure proper coverage.

APPLICATION INTERVALS:

- Apply Vivax every 21 to 30 days.

PACKAGING:

- 9.46L (2.5 USG) Jug

PRECISION LABORATORIES
Results. Expect it.