



RESEARCH DRIVEN, PROVEN RESULTS™

For over 25 years, GRIGG has been an innovator in turfgrass nutrition, product development, and research. Their high-quality, science-based products are supported by years of university and independent field testing with published data. Each ingredient in all GRIGG products has its purpose as either a plant nutrient or an ingredient for soil improvement.

Visit www.GRIGG.co to learn more.

QUALITY – PERFORMANCE – COMPATIBILITY

GRIGG Nutritional Programs

Backed by years of research and field trial work, GRIGG has developed a wide range of easy-to-use, highly-effective, and proven nutritional programs to suit many different climate zones and turfgrass types. Below are three core greens programs – spring, summer, fall – utilizing only three products for each program that can be used as a foundation for your plant health needs.

SPRING START-UP PROGRAM – Highly Compatible with most Fungicides and Plant Growth Regulators

Nutra Green 5-10-5 6 oz. /1,000 ft²
Ultraplex 4-0-3 4 oz. /1,000 ft²
P-K Plus 3-5-17 6 oz. /1,000 ft²

Take cool soil temperatures out of the equation by using **GRIGG** Proven Foliar fertilizers to kick start, recover from winter, and get your greens healthy and ready for play faster in the spring.

Nutra Green provides foliar Phosphorus that doesn't get bound in the soil. The proprietary blend of root stimulators, nutrients, and plant and soil wetting agents in **Ultraplex** elevate turf response, while plant health is further enhanced with **P-K Plus**, utilizing Potassium Phosphite and Ammonium Phosphate.

Tank-mix applied in 1 – 2 gallons of water / 1,000 ft².



Nutra Green 5-10-5



Ultraplex 4-0-3



P-K Plus 3-5-17

SUMMER STRESS PROGRAM – Highly Compatible with most Fungicides and Plant Growth Regulators

Gary's Green Ultra 14-2-3 6 - 9 oz. /1,000 ft²
P-K Plus 3-5-17 6 oz. /1,000 ft²
Kelplex 1-2-2 1.5 oz. /1,000 ft²

Get a premium summer Proven Foliar feed program with just three jugs of **GRIGG** product.

Gary's Green Ultra is a 3-in-1 product providing foliar N-P-K, a buffering agent, and nutrient uptake elicitor. The Potassium Phosphite in **P-K Plus** improves plant health and resistance to abiotic stress with increased antioxidant production. The foliar-absorbed seaweed extract in **Kelplex** assists in limiting oxidative stress, and improves heat, drought, and salinity stress tolerance.

Tank-mix applied in 1 – 2 gallons of water / 1,000 ft².



Gary's Green Ultra 14-2-3



P-K Plus 3-5-17



Kelplex 1-2-2

FALL / WINTER PREP PROGRAM – Highly Compatible with most Fungicides and Plant Growth Regulators

Ultraplex 4-0-3 3 oz. /1,000 ft²
P-K Plus 3-5-17 6 oz. /1,000 ft²
Carboplex 6-4-4 6 oz. /1,000 ft²

Give your turf the best chance for winter survival by feeding it in the fall with this **GRIGG** tank-mix.

P-K Plus provides essential Phosphate and Phosphite to assist in hardening off the turf while setting the stage for enhanced snow mould resistance. Along with the root stimulators, nutrients, and plant and soil wetting agents in **Ultraplex**, the carbohydrate levels in **Carboplex** are essential to turf for winter survival. The combined products provide the plant with micros including Mg, B, Cu, Fe, Mn, Zn, Co, and Mo.

Tank-mix applied in 1 – 2 gallons of water / 1,000 ft².



Ultraplex 4-0-3



P-K Plus 3-5-17



Carboplex 6-4-4



Foliar & Liquid Golf Course Fertilizers



www.BRANDT.co

BRANDT is a leading supplier of specialty inputs for the agriculture, turf, ornamental, and lawn and garden markets offering a full line of foliar and soil-applied fertilizers as well as soil-health nutrients and amendments.

BRANDT products meet all your agronomic and budget requirements without sacrificing performance and overall plant health. Compatible with fungicides, pesticides, surfactants, PGRs, and other liquid fertilizers.

BRANDT “Success” Kits – Where Agronomics and Economics Meet
Offering the Golf Course Superintendent simple-to-follow, agronomically-sound, and cost-effective liquid fertilizer programs for golf course greens, the Brandt Summer Success and Bi-Monthly Success Kits check all the boxes. The carefully selected product mix in each unique program features high performance foliar nutrients and specialty nutritional formulas designed to promote strong root systems and root mass, resulting in improved nutrient and water uptake. This helps your turf withstand summer heat and drought stress as well as regular foot traffic.

Summer Success Kit – For Weekly Applications	
Product	Cases
Brandt Converge SRN 30-0-0	2
Brandt In-Cyte	1
Brandt Seaweed Max	1
Foli-Cal	3
Manni-Plex Eagle	1
Manni-Plex Mg	1
Manni-Plex Mn	1
Manni-Plex Root Builder	1

Bi-Monthly Success Kit – For 2X / Month Applications	
Product	Cases
Brandt 20-K	2
Brandt Converge SRN 18-0-6	2
Brandt Converge SRN 30-0-0	4
Brandt MKS	3
Brandt Parco-Root XL	2
Brandt Seaweed Max	2
Foli-Cal	2
Manni-Plex Grow	2

1 Summer Success Kit treats 3 Acres of turf for 1 Month and delivers 0.25 lbs. of N + 0.13 lbs. of K per month.

1 Bi-Monthly Success Kit treats 3 Acres of turf for 3 Months and delivers 0.25 lbs. of N + 0.13 lbs. of K per month.



GRIGG and BRANDT each offer a complete line of foliar and soil-applied liquid fertilizers. The technology in each is uniquely different, yet can be used together to create an agronomically sound nutrient program to suit whatever type of turf you are growing. Your Even-Spray representative can help you build the best program to meet your fertility and budget needs.

GRIGG Products		
Proven Foliar® Nutrients	N-P-K Analysis	Micronutrients
A-0-K Potassium Complex	1-0-24	-
A-0-K Plus Potassium Phosphite	1-0-25	-
Carboplex	6-4-4	Fe, Mn, Zn
Gary's Green	18-3-4	Mg, Cu, Fe, Mn, Zn
Gary's Green Ultra	14-2-3	Mg, Cu, Fe, Mn, Zn
Iron Combo	12-0-0	Fe, Mn, Zn
Kelplex	1-2-2	Fe
Manganese Combo	n/a	Mg, Cu, Mn, Zn
Micro Burst	0-0-1	B, Cu, Fe, Mn, Mo, Zn
Nutra Green	5-10-5	Mg, B, Cu, Fe, Mn, Zn
P-K Plus	3-5-17	B, Co, Mo
Sili-Kal-B	8-0-4	Ca, B
Suprema	12-0-12	Fe, Mn, Zn
Tuff Turf	1-0-14	Mg, Fe
Turftopia	5-0-5	Mn, Mo, Zn
Ultraplex	4-0-3	Mg, B, Cu, Fe, Mn, Zn
Specialty Soil Fertilizers	N-P-K Analysis	Micronutrients
Bi Blend	10-0-0	Ca
Burley Green 33% SRN	18-2-3	-
Displace	9-0-0	Ca
Rhizonify	6-4-4	Fe, Mn, Zn
Pigments	Apply	Water Volume / 1,000 FT²
GreenPIG Ultra	Monthly/As needed	1.15 – 2.3 US Gallons

BRANDT Products		
Manni-Plex Foliar Nutrients	N-P-K Analysis	Micronutrients
Foli-Cal®	5-0-0	10Ca
Manni-Plex Eagle	7-0-14	Fe, Mn
Manni-Plex Grow	12-0-6	Cu, Fe, Mn
Manni-Plex Mg	5-0-0	4Mg
Manni-Plex Mn	7-0-0	5Mn
Manni-Plex Root Builder	3-0-0	Mg, B, Cu, Mn, Zn
Manni-Plex Total Turf	5-0-0	Mg, Fe, Mn, Zn
Manni-Plex Ultra Turf	4-0-2	Mg, B, Cu, Fe, Mn, Mo
Converge Slow Release	N-P-K Analysis	Micronutrients
Converge SRN18 – 30% SRN	18-3-6	Cu, Fe, Mn, Zn
Converge SRN18-ZP – 30% SRN	18-0-6	Cu, Fe, Mn, Zn
Converge SRN30 – 60% SRN	30-0-0	-
Specialty Liquid Nutrients	N-P-K Analysis	Micronutrients
Brandt 20-K	2-0-20	-
Brandt Flash Dance	1-0-0	5Fe
Brandt MKS	0-0-4	Mg, S
Brandt Parco-Root XL	-	Mg, S, B, Fe, Mn, Mo, Zn
Brandt Supreme Green	12-0-0	Mg, S, Fe, Mn
Humic/Specialty Fertilizers	N-P-K Analysis	Micronutrients
Brandt In-Cyte	3-12-1	1% Humic, 2% Seaweed
Brandt Uptake 12	-	12% Humic Acid
Brandt Seaweed Max	-	25% Seaweed, 1% Humic
Spray Indicators	Apply	Mix Rate
Big Foot™ Blue	As needed	16 oz. /100 USG Water



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.



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 Milorganite 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.



- Holds 93% of its 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.

Profilegolf

Common Applications Include:

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