

PRODUCT GUIDE 2015

Tru-Prill Dispersible Granules	04-05
Gro Power Organic Granules	06-07
Pearl Granular and Liquid	08-09
Plant Marvel & Seaweed	10-11
Griggs Foliar Fertilisers	12-13
ProStar Granular – Greens & Outfield	14-15
ProSeed	16-17
Wetting Agents & Moisture Management	18-19
Dyes, Colourants & Additives	20-21
Turf Disease Products	22-23
Herbicides, Insecticides & Control	24
Spreaders & Settings	25
Line Marking	26-27

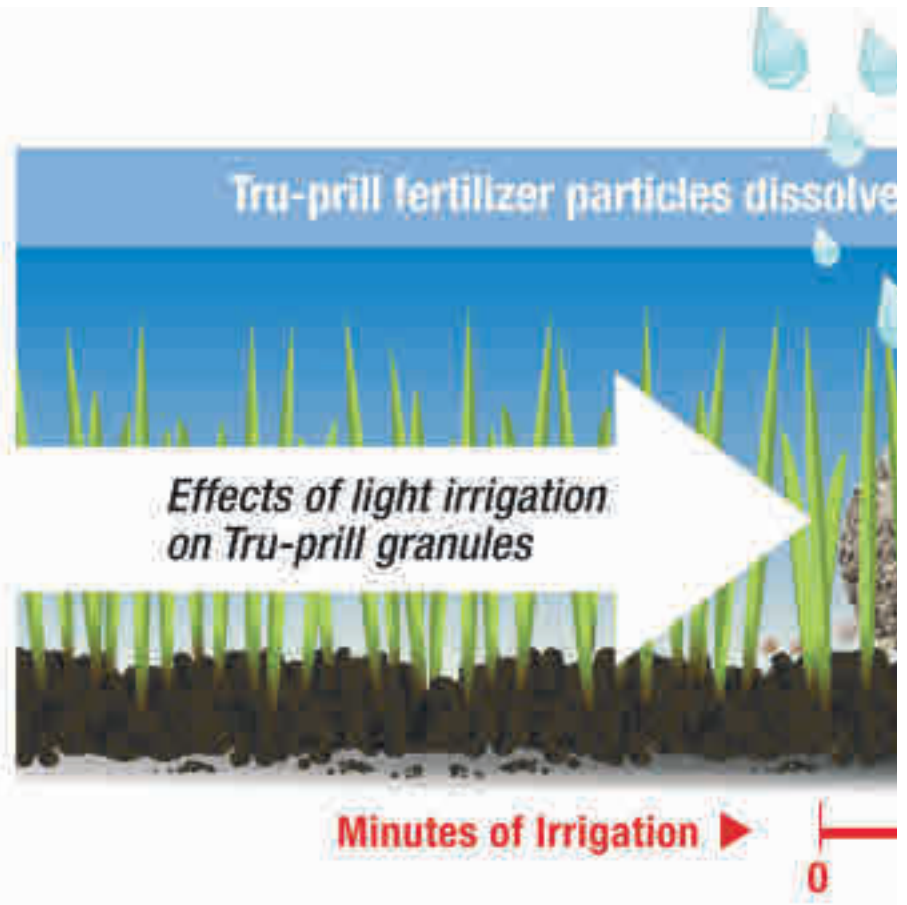


EVERY NUTRIENT • EVERY GRANULE

Tru-prill homogenous fertilisers' highly dispersible granules dissolve into the tightest turf canopies with no disruption of play. Tru-prill provides even distribution of nutrients at low rates, allowing for more complete formulations, with a strong emphasis on secondary and micronutrients.

VISION+INNOVATION

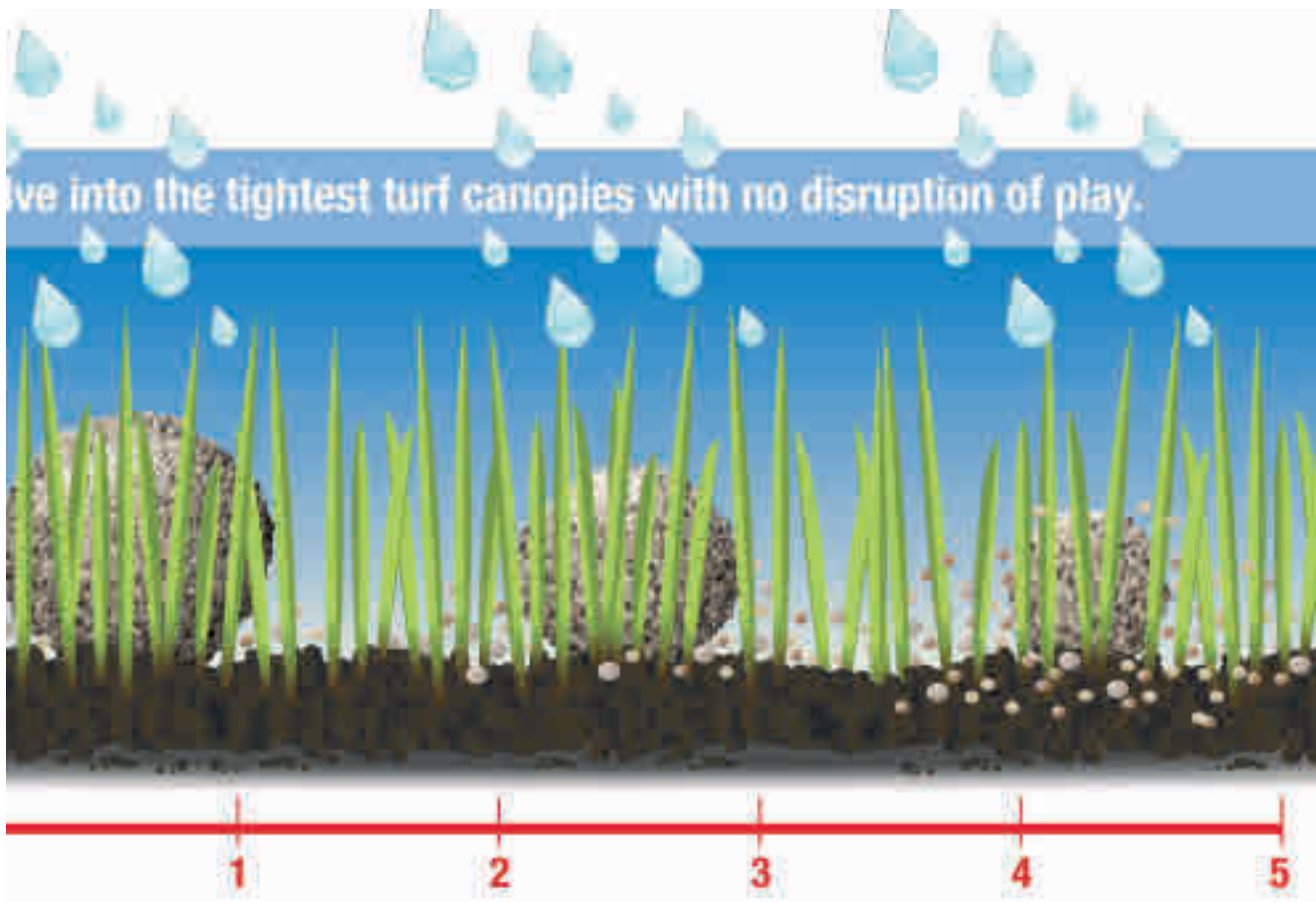
Tru-prill products are designed as part of a systematic approach to **Precision Nutrient Management (PNP)**. Its core value is the development of fertilizer technologies that recognize modern turf management techniques, and to exceed customer expectations. Tru-prill homogeneous fertilizers disperse following irrigation and reduce disruption of play. Tru-prill products are formulated with a variety of nitrogen sources including IBDU, Methylene urea, and Natures Time plant based organics.



Product	Information
Tru-prill 13-1-13 & Micros SGN 90	Homogenous dispersible granule with micronutrients for tightly mown turf with an excellent secondary and micro nutrient package that are found to be deficient in most soils. AS, Ca, Mg, Zn, Mn, Fe, Cu, B
Tru-prill 15-2-15 & Micros SGN 90	Homogenous dispersible granule with micronutrients for tightly mown turf with an excellent secondary and micro nutrient package that are found to be deficient in most soils. ISO-B, PBO, Ca, Mg, Zn, Mn, Fe
Tru-prill 18-2-18 & Micros SGN 90	Homogenous "Base Feed" dispersible granule with micronutrients for tightly mown turf. MU, Ca, Mg, Zn, Mn, Fe, Cu, B
Tru-prill 10-2-20 & Micros SGN 90	Homogenous "Base Feed" dispersible granule with micronutrients for tightly mown turf. MU, Ca, Mg, Micros

Product	Information
Exchange 0-0-15 SGN 90	Homogenous granule containing soluble calcium, magnesium and potassium to address the common nutrient deficiencies of sand based media.
Granulated Gypsum SGN 90	Homogenous granule with soluble calcium. Molasses provides a good carbon source for soil microbes.
ClubGreen 0-0-21 +11Mg SGN 90	Homogenous crystal containing soluble potassium and magnesium. Promotes good plant health and colour.

Tru-Prill Dispersible Granules



	Pack	Use	Longevity	Rate	Bag Coverage
s	20kg	Spring/ Summer	4-6 weeks	15-25g/m ²	7.5-12.5 Per Ha
s	20kg	All Year Round	6-10 weeks	15-25g/m ²	7.5-12.5 Per Ha
	20kg	Spring/ Summer	12-16 weeks	20-30g/m ²	10-15 Per Ha
	20kg	All Year Round	12-16 weeks	20-30g/m ²	10-15 Per Ha

	Pack	Use	Rate	Bag Coverage
	20kg	All Year Round	20-30g/m ²	10-15 Per Ha
	20kg	All Year Round	20-30g/m ²	10-15 Per Ha
	20kg	All Year Round	20-30g/m ²	10-15 Per Ha



BEST ORGANIC SOIL CONDITIONING

Product	Information	Pack	Use	Longevity
Gro Power 11-2-9 +8% Fe SGN 100	This unique multipurpose fertiliser/soil conditioner has been developed for all fine turf areas. It will improve soil structure, help to break up compacted soils and give a good long lasting colour. Promotes bacterial propagation. Humus, 10% Humic Acids, S, Fe, Mn, Zn + Soil Penetrant	20kg	All Year Round	4-6 weeks
Gro Power 6-2-10 SGN 100	This unique multipurpose fertiliser/soil conditioner with new advanced Matrix technology has been developed for all fine turf areas. A long lasting non staining Iron, along with sulphur has been added to help produce dark green colour and control Ph. 40% Humus, 8% Humic Acids, S, Fe, Mn, Zn + Soil Penetrant	20kg	All Year Round	4-6 weeks
Gro Power 5-3-1 SGN 100	This unique multipurpose fertiliser/soil conditioner with new advanced Matrix technology has been developed for all fine turf areas. A long lasting non staining Iron with soil penetrant to maximize water percolation into the soil profile. The Humic Acids will react with the soil to help condition it in which the plant can achieve maximum results. 70% Humus 15% Humic Acids, Fe, Mg, Mn, Zn + Soil Penetrant	20kg	All Year Round	4-6 weeks
Gro Power 0-0-15 SGN 100	Specifically designed to enhance and promote the microbiological environment by adding the highest amount of Humus and Humic Acids and beneficial soil bacteria. It will help provide increased disease resistance, summer durability and winter hardiness for turf. Humus, 10% Humic Acids, Ca, S, Fe, Mg, Mn, Zn + Soil Penetrant	20kg	All Year Round	4-6 weeks
Gro Power 5-3-1 + Mycorrhizae SGN 100	This product breathes life into poor performing soils and root structures. It maximizes soil conditioning and greatly enhances microbial levels to produce excellent turf. 70% Humus 15% Humic Acids, Fe, Mg, Mn, Zn + Soil Penetrant	20kg	All Year Round	4-6 weeks

Product	Information	Pack	Use	Longevity
Green Spec 7-7-7 SGN 90	Triple 7 with 7% N,P,K,Ca,S and Fe is a bridged organic product that provides controlled growth, excellent colour and impeccable physical characteristics with no dust or odour. Organic, Bioactive Proteins, Seaweed, Humic Acids	22.7kg	All Year Round	4-6 weeks
Green Spec 7-0-14 SGN 90	ZeroPhos contains micronutrients specially formulated with sugars called "Sucrates" which make them more readily absorbed than traditional fertilisers. It also contains 7% slow release Iron for prolonged colour. 7% Ca for winter hardiness. Ca, S, Fe, Mn and Zn. Seaweed	22.7kg	Autumn/Winter	4-6 weeks

IONER AVAILABLE

Rate	Bag Coverage
20-35g/m ²	10-15 Per Ha
20-35g/m ²	10-15 Per Ha
20-35g/m ²	10-15 Per Ha
20-35g/m ²	10-15 Per Ha
20-35g/m ²	10-15 Per Ha

Rate	Bag Coverage
20-35g/m ²	9-15 Per Ha
20-35g/m ²	9-15 Per Ha



WHY GRO POWER?

- No animal, human waste
- True humus (concentrated) 40-to-1 over organic fibre
- Only organic material in humus form, can do all the agronomic functions
- High quality humic acids
- Active soil conditioners
- 100% homogeneous
- Only beneficial bacteria
- Non-staining iron, manganese and zinc
- Uniform greens and fairway grades
- No nutrients from animal sources - therefore more consistency in terms of breakdown and release into soil
- Immediate breakdown of granulars (particles)
- Odourless
- Consistent and predictable response from application
- Will never layer or stratify

Pearl Greens Granular

Product	Information	Pack	Use	Longevity	Rate
Pearl 6-5-10 +6%Fe Greens Grade	Cost effective turf fertiliser with added Iron for moss control for Autumn/ Winter feeding.	20kg	All Year Round	4-6 weeks	25-35g/m ²
Pearl 5-0-5 +10%Fe Greens Grade	Ideal low Nitrogen fertiliser with 10% Fe to help with the control of moss. For use on sand or soil based greens in the Autumn/Winter or as a Spring starter.	20kg	Autumn/ Winter	4-6 weeks	25-35g/m ²
Pearl 3-0-22 +Fe Greens Grade	Low Nitrogen for gentle feeding with high K formulation where you want to increase the Potash levels and harden the turf.	20kg	Autumn/ Winter	4-6 weeks	25-35g/m ²
Pearl 0-0-50 Greens Grade	High Potash product that has been developed to address low K levels. It will help to build strong cell wall strength and chlorophyll without the use of Nitrogen and Iron.	20kg	Autumn/ Winter	4-8 weeks	various

Pearl Liquids

Product	Information	Pack
Fe PLUS	Pearl Fe Plus is a unique liquid Iron formulation containing Iron, Magnesium and Zinc with added biostimulants. Fe Plus provides a high concentration of readily available Iron which will strengthen the turf and give a prolonged green colour even at low air and soil temperatures. Turf Tip: Tank mix with PGR	10lts
Liquid Iron 6%	A cost effective liquid iron used to correct iron deficiencies. Excellent for greening up amenity turf prior to an event or as part of a winter hardening programme. Turf Tip: Use at high rates to inhibit moss	20lt
Liquid 9 Iron	A cost effective liquid iron used to correct iron deficiencies. Excellent for greening up amenity turf prior to an event or as part of a winter hardening programme. Turf Tip: Use at high rates to inhibit moss	20lt
Turf Hardener 8-0-12	8-0-12 is an all year round feed liquid feed. It is particularly suitable for use during the autumn and winter periods. 8% Nitrogen 12% Potassium plus Ca,Mg Turf Tip: Apply for more disease resistant sward or winter tonic	20lts
PEARL 15-0-0 + Micros	Pearl 15-0-0 is a liquid feed which can be used all year round. It is most suitable for use during the spring and summer periods. 15% Nitrogen plus micros	20lts
Pearl Mag N 19-0-0 +Ca+Mg	By combining Nitrogen with complimentary nutrients such as Magnesium and Calcium, plant response to Mag-N is far greater than from Nitrogen alone. Mag-N combines very high uptake rates with extremely low nutrient loss, giving exceptional nitrogen use efficiency and value for money. Designed for outfield use only Turf Tip: Tank mix with Primo	208lts & 1,000lts

Pearl Outfield Granular

Product	Information	Pack
Pearl 16-16-16	This cost effective well balanced homogeneous fertiliser can be used as an all year round application or seed starter. It will give you an even response when soil temperatures are cooler.	20kg
Pearl 27-6-6	A cost effective Spring Summer fertiliser for all out field areas where growth or establishment of turf is required. Particularly good when temperatures are low in springtime.	20kg

Pearl

PROFESSIONAL

Granular and Liquid Fertiliser



WHY MAG-N?

Mag-N employs complex chemistry which encapsulates the Nitrogen in plant friendly compounds enhancing the genuine foliar feed characteristics of the formulation and preventing leaching and evaporation.

Trials show that plant response from 1kg of Mag-N applied to the leaf being equivalent to 8kg Ammonium nitrate applied to the soil.

By combining Nitrogen with complimentary nutrients such as Magnesium and Calcium, plant response to Mag-N is far greater than from Nitrogen alone. Mag-N combines very high uptake rates with extremely low nutrient loss, giving exceptional nitrogen use efficiency, no leaching and

excellent value for money.

When applied during times of rapid growth or high stress, Mag-N directly activates major plant processes, allowing plants to make better use of inputs, improving fertiliser efficiency and performance.

Ease of application, precision targeting of essential nutrients and excellent performance characteristics combine to make Mag-N an integral part of any outfield management programme.



Pearl Granular and Liquid

Bag Coverage
12-18 bags/ha
12-18 bags/ha
12-18 bags/ha

Rate
10-20 lts/ha
20-90 lts/ha
20-90 lts/ha
20-60 lts/ha
20-40 lts/ha
20-30lts/ha

Rate
20-25g/m ²
15-25g/m ²

Plant Marvel – The best soluble fertiliser



Soluble Fertilisers

Product	Information
Plant Marvel 28-8-18 Trace Elements	Specially formulated for Turf Grass, this product can be used on all turf areas. It is 100% pure and soluble and contains no excess salts. 28% Nitrogen 8% Phosphorous 18% Potassium Mg, S, B, Cu, Fe, Mn, Mo & Zn. Turf Tip: Tank mix with Ultraplex Biostimulant for complete package
Plant Marvel 15-5-30 Trace Elements	Promotes excellent colour, healthier plants and improved all-round growth and disease resistance. Nitrate nitrogen which is ideal for feeding in cooler periods. 15% Nitrogen 5% Phosphorous 30% Potassium Mg, Fe, Mn, Mo & Zn. Turf Tip: Use in cooler temperatures and mix with Pearl Fe/ PK Plus for disease control
Plant Marvel 20-20-20 Trace Elements	Specially formulated as a general purpose feed for use on ornamental plants, small shrubs, turf grass, fruits and vegetables, and other intensely cultivated crops. 20% Nitrogen 20% Phosphorous 20% Potassium Mg, S, B, Cu, Fe, Mn, Mo & Zn. Turf Tip: Apply 7-14 days after overseeding

Seaweed

Product	Information
Ocean Green Simplex	Ocean Green Simplex is a liquid seaweed with high concentrations of essential amino acids, active proteins, natural plant growth hormones and antioxidants which helps to stimulate the plant and results in increased performance. Ocean Green Simplex is ideal for use at any time that the plant is under stress. Contains Seaweed Extract. Lower rates than most seaweed products. Turf Tip: Tank mix with PK Plus for Nematode control
Ocean Green Ferriton	Ocean Green Ferriton has all the benefits of Ocean Green Simplex with added bio available iron. It will help to maximise chlorophyll production resulting in an attractive green colour. Ocean Green Ferriton can be used at any time of the year. Contains Seaweed Extract with Iron. Turf Tip: Tank mix with Plant Marvel
Ocean Ten	Ocean Ten is a liquid seaweed product which has been especially formulated for use on golf courses, sportsfields and other amenity areas. It is economical to use and can be used at any time of year. Contains Seaweed Extract. Turf Tip: Tank mix with Pearl Mag N and/or Liquid Iron 6%



Pack	Rate	Longevity
11.34kg	2-4 bags/ha	2-4 weeks
11.34kg	2-4 bags/ha	2-4 weeks
11.34kg	Various	

Pack	Rate
10lts	5-10 lts/ha
10lts	10-20 lts/ha
210lts	10-20 lts/ha



PLANT MARVEL LABORATORIES


Established in 1922, Plant Marvel Laboratories pioneered the commercial fertilizer market with its concept of a water-soluble fertilizer... one which delivered a total nutrient feed to turf without the fear of burning and with unparalleled ease of application. Over the years, the list of industry firsts from Plant Marvel Laboratories continues to grow.


- **FIRST** to produce a high-concentrate, economical water-soluble fertilizer.
 - **FIRST** to incorporate readily available minor elements in a highly soluble form.
 - **FIRST** with a starter solution for faster development of newly seeded areas.
 - **FIRST** to promote various formulas specifically designed for the changing needs of plants at different stages in their development.
 - **FIRST** to develop spoon-feeding® methods of fertilization and to develop fertilizers for it.
 - **FIRST** to develop fertilizers especially for specific varieties.
 - **FIRST** to develop fertilizers that contain NPK with trace elements including calcium and magnesium
- ...and the list goes on.


92 years of experience and research... it builds confidence in the products and helps insure better results.



Grigg Brothers – Research Driven with Proven P

Product	PK PLUS 3-7-18 14% Phosphite +micros	
Information	P-K Plus is the best phosphite product available on the market. It is also second to none in disease management, compatibility and turf quality. P-K Plus has been field tested for many years in the U.S., in the U.K. and in Ireland and has proven to be an essential product as part of an all year round foliar program. 3% Nitrogen 7% Phosphorous 18% Potassium. Turf Tip: Tank Mix with any Fungicide	
Pack	10lts	
Rate	10-20 lts/ha	
Water Volume	300-500 lts	

Product	GARYS GREEN ULTRA 13-2-3 Fe, Seaweed, micros, pH buffer	
Information	Gary's Green Ultra contains 1/3 Ultraplex and 2/3 Gary's Green. It simplifies product application and provides superior colour with controlled growth. This product is often used across the entire season, and can be used effectively as a stand-alone product for complete foliar fertilisation. 13% Nitrogen 2% Phosphorous 3% Potassium. Also contains Copper, Iron, Manganese and Zinc. Turf Tip: Tank Mix with Amino Iron/Primo	
Pack	10lts	
Rate	20-30 lts/ha	
Water Volume	300-500 lts	

Product	ULTRAPLEX 4-0-3 Biostimulants, micros, pH buffer	
Information	Ultraplex is like six products in one can. It is a biostimulant which enhances the response of fertilisers and will improve the efficiency of plant protectants and plant growth regulators. It is an effective water buffering agent designed to resist large changes in spray tank pH. Ultraplex provides healthy colour and combats stress. 4% Nitrogen 3% Potassium Also contains Boron, Copper, Iron, Manganese and Zinc. Turf Tip: Tank Mix with Plant Marvel/Garys Green	
Pack	10lts	
Rate	10-20 lts/ha	
Water Volume	300-500 lts	

P-K PLUS KEY BENEFITS

- Contains 7% phosphate (H₂P₂O₄) AND 14% phosphite (H₃PO₃)
- Easily absorbed and translocated
- Independent and University tested since 2000
- Potassium phosphite for improved plant health including increased antioxidant and phytoalexin production
- Enhances plant health and resistance to abiotic stress

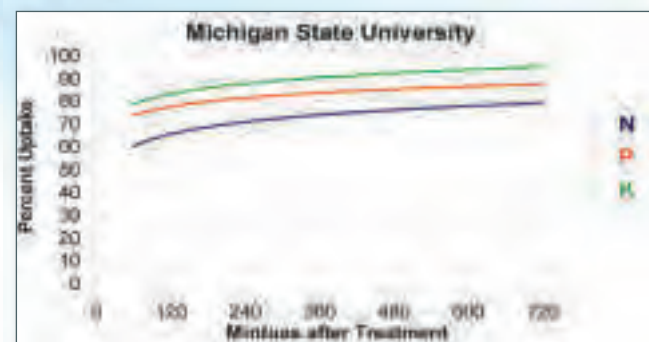
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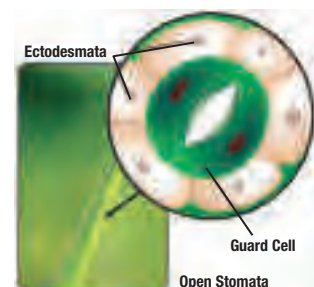
PK Plus



UPTAKE TECHNOLOGY



How do Grigg Fertilizers Work?



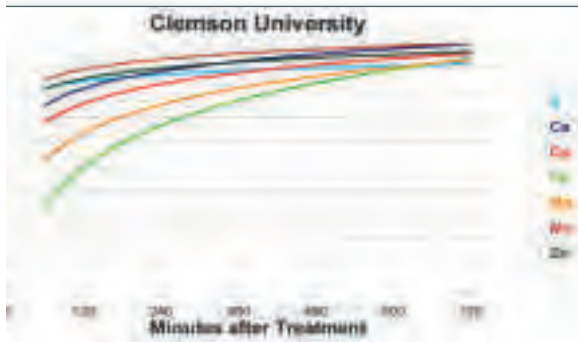
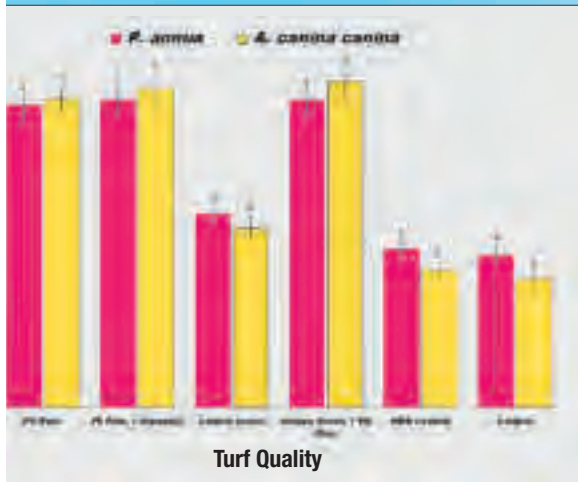
Nutrients enter micropores in the leaf surface called ectodesmata. The largest ectodesmata (pore clusters) are located near guard cells associated with stomata.

For more information go to www.griggbros.com.

Not all foliar fertilizers are created equal. Grigg Foliars are manufactured and formulated based on years of plant nutrition research and development, contain the highest quality ingredients and documented to perform the best in the field.

Results

Use Sili-Kal-B for slick, healthy greens



Carboplex contains 35% Carbohydrates

Product	SILI-Kal-B 8-0-4 10% Ca + Si + B
Information	Sili-Kal B is a high calcium product combined with nitrogen and potassium for increased plant strength, stress tolerance, and turf rigidity. 8% Nitrogen 4% Potassium Also contains Boron, Calcium and Silicon Turf Tip: Use for tournaments or when plant is under stress
Pack	10lts
Rate	10-20 lts/ha
Water Volume	300-500 lts



Product	AMINO IRON 12-0-0 + Fe + micros
Information	Amino Iron is cost effective and highly efficient for foliar application. It contains organically chelated micronutrients, plant based amino acids and organic acids. 12% Nitrogen 5% Iron Also contains Manganese and Zinc. Turf Tip: Tank Mix with Plant Marvel/Garys Green Ultra
Pack	10lts
Rate	10-20 lts/ha
Water Volume	300-500 lts



Product	CARBOPLEX 6-4-4 + Seaweed
Information	Carboplex is a balanced formulation providing and promoting the absorption of carbohydrates for stressed or shaded turf grasses. Residual carbohydrates are available for utilization by beneficial micro organisms as a food source. Contains 35% carbohydrates, humic/fulvic/organic and amino acids, seaweed, use in cooler temperatures. Turf Tip: Tank Mix with Wetting Agents
Pack	10lts
Rate	20-30 lts/ha
Water Volume	300-500 lts



Griggs Foliar Fertilisers

ProStar Greens

Product	Information
ProStar 14-1-7	This is a greens grade, homogenous fine granule fertiliser. It is ideal for use on all fine turf areas including Golf Greens, Bowling Greens, Cricket squares and tennis courts. Ideal for Spring and Summer use.
ProStar 7-2-16	This is a greens grade, homogenous fine granule fertiliser. It is ideal for use on all fine turf areas including Golf Greens, Bowling Greens, Cricket squares and tennis courts. Ideal for Autumn and winter use but can be used at any time of year.

ProStar Outfield

Product	Information
ProStar 28-3-10 50%	This 3-4 month premium out field product is widely used on tees, surrounds, fairways, sports pitches and racecourses.
ProStar 30-0-5 50%	This 3-4 month product offers excellent value for consistent feeding on tees, surrounds, fairways, sports pitches and racecourses.
ProStar 25-5-12 75%	A well balanced 4-5 month product that is widely used on all outfield areas. 25% of the N is released in the first 4 weeks to give the turf a start while the remaining 75% is in a slow release form for controlled growth.
ProStar 29-2-10 98%	Our premium 98% outfield product is used on tees, surround, fairways, sports pitches and racecourses where consistent controlled growth and colour is required over a long period.
ProStar 15-0-30 100%	Our high potassium formula will ensure the grass plant gets the K required for winter preparation by strengthening the plant cell walls with consistent N for 5-6 months without any flush of growth.

ProStar Timings

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ProStar Greens												
14-1-7			✓	✓	✓	✓	✓	✓				
7-2-16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ProStar OutField												
28-3-10		✓	✓	✓	✓	✓	✓	✓	✓			
25-4-12			✓	✓	✓	✓	✓	✓	✓	✓		
29-2-10				✓	✓	✓	✓	✓	✓	✓	✓	
15-0-30	✓	✓							✓	✓	✓	✓

ProStar fertilisers are extremely flexible and versatile and most can be used at any time of the year under the right circumstances. However, the above is a guide to most popular times of use for these products. If in doubt, please ask your TurfCare representative.



Pack	Use	Longevity	Rate	Bags/ha
20kg	Spring/ Summer	4-6 weeks	20-30g/m ²	10-15
20kg	All Year	4-6 weeks	20-30g/m ²	10-15

Pack	Use	Longevity	Rate	Bags/ha
20kg	Spring/ Summer	3-4 months	15-25g/m ²	7.5-12.5
20kg	Spring/ Summer	3-4 months	15-25g/m ²	7.5-12.5
20kg	All Year	4-5 months	20-30g/m ²	10-15
20kg	All Year	5-6 months	20-30g/m ²	10-15
20kg	Autumn/ Winter	5-6 months	20-30g/m ²	10-15



WHY PROSTAR GREENS?

- Homogenous
- Balanced Nutrient Ratios
- Fine Granule for Fine Turf
- Dust Free
- Proven Consistent results
- Easy to apply

WHY PROSTAR OUTFIELD?

- Proven Results
- Very Cost Effective
- Low Rates
- Slow release technology
- Flexibility of use
- Get from 3 to 6 months growth from one application
- Uniform Granule size for even application

Sports Fields, Tees and Outfields

Product	Information	Pack
ProSeed 365	ProSeed 365 is a 100% Perennial turf seed mixture with winter active properties which will give germination at 3 degrees and growth at 5 degrees. It has a medium fine leaf and has excellent wear tolerance. It is ideal for use on Tees, Fairways and walk off areas. 50% Perennial Ryegrass (Winter Active) 25% Perennial Ryegrass 25% Perennial Ryegrass. Turf Tip: This rye has excellent drought tolerance	10kg
ProSeed Sport	ProSeed Sport is a blend of fine leaved Perennial Ryegrasses which makes this ideal for use on most sportsturf areas including Tees and Fairways. It gives excellent vigour and colour. 35% Perennial ryegrass 35% Perennial ryegrass 30% Perennial ryegrass.	15kg
ProSeed RF	ProSeed RF is a blend of fine leaved ryegrasses and fine fescues which gives a very versatile mixture for use on many areas including Tees and Fairways. 40% Perennial ryegrass 40% Perennial ryegrass 10% Creeping red fescue 10% Chewings fescue.	15kg

Traditional Golf – General Use

Product	Information	Pack
ProSeed Trad	ProSeed Trad is a 90/10 blend of Slender, Strong and Chewings Fescues with Browntop Bent. It is ideal for use in areas where the more traditional look is desired. 30% Chewings fescue 30% Strong creeping red fescue 30% Slender creeping red fescue 10% Browntop.	15kg
ProSeed FM	ProSeed FM is a 100% Fescue blend with Slender, Strong and Chewings Fescues. It is ideal for use on Fairways and Roughs in drier locations and where nutrient input is kept to a minimum. 20% Slender Creeping Red Fescue 40% Strong Creeping Red Fescue 40% Chewings Fescue.	10kg

Greens and Fine Turf

Product	Information	Pack
ProSeed BOM-C CoatedSeed	ProSeed BOM-C is a blend of WASP coated browntop bents for overseeding Poa or Poa/Bent greens. WASP coating gives the small bent seed the start it needs for fast establishment in a dense greens sward. 50% Browntop bent 50% Browntop bent. Turf Tip: Ideal overseeding on Poa Greens	10kg
ProSeed PG	ProSeed PG is a quality fescue/bent blend for use on traditional type greens. It is a tried and tested mix and is suitable for all types of golf and bowling greens. 80% Chewings Fescue 20% Browntop Bent.	15kg

Landscaping General

Product	Information	Pack
LawnSeed No 2	This mixture contains a blend of fine leaved ryegrass and fine fescues which makes this ideal for general landscaping use. 50% Perennial ryegrass & 50% Creeping red fescue.	10kg
Wildflower Meadow	This mixture will give an array of natural colours. For best results mow once per year in the autumn and allow seeds to drop and regenerate. Contains bents, fescues and 40+ species of wild flowers.	5kg



ProSeed is an independent seed brand with companies in the world and as a result, gains access to a wide range of seed varieties available from breeders world-wide. ProSeed uses "Active" technology from New Zealand as well as dark coloured cultivars from the United States.

All ProSeed products go through strict germination testing and are manufactured and sealed under licence of ProSeed means that we can offer top quality products for your money.

TurfCare: T +353 (0)45 856026 E



ProSeed 365

ProSeed 365 is a new turf seed blend which contains 50% winter active perennial ryegrass for better wear during winter months.

ProSeed 365 will give:

- Stronger growth in cooler conditions, especially 5-10°C
- Will germinate freely down to 3°C
- Excellent wear tolerance, especially in cooler temperatures
- Medium fine leaf texture

ProSeed 365 is the best all round ryegrass blend available, but don't just take our word for it. Here is what our customers say.

"Using ProSeed 365 is like having larger tees because the recovery is so quick from worn areas"

"The drought tolerance of 365 is a real bonus, combined with its winter hardiness it really is the best tee seed around"

"ProSeed 365 retained its colour and density during a long dry stress period without any irrigation or moisture available to us."

"ProSeed 365 helps me produce excellent playing surfaces 12 months of the year."

"6 of our wickets were renovated and we chose 365 on advice from our Technical Advisor. We were amazed at the results but disappointed that we didn't bite the bullet and get the whole square done..., we will definitely be using it next year."

"I have tried every other so called winter active ryegrass and quite simply 365 is the best"

"I had to try ProSeed 365 as I couldn't believe that you could get grass to grow at such low temperatures. How wrong was I? Amazed by the results, and now, I couldn't do without it!"

"ProSeed 365 is now my all year round choice because of its winter recovery and excellent drought tolerance."

"I find ProSeed 365 great for winter renovations, especially around bunkers."

"I used ProSeed 365 to put my cricket square to bed this year and in all my 20 odd years of doing this I have never been in such a good position going into winter with grass coverage. The winter active is phenomenal"

"The pitches that I look after have never had the grass coverage they have now and its all thanks to 365"

"Walk ways on the golf course have always been a bug bare. Not anymore after using ProSeed 365, they are now stronger than ever"

Use	Rate
Tees, Fairways, Pitches	35-45g/m ²
Tees, Fairways, Pitches	35-40g/m ²
Tees, Fairways, Pitches	35-40g/m ²

Use	Rate
Tees, Fairways, Roughs	35g/m ²
Tees, Fairways, Roughs	35g/m ²

Use	Rate
Greens	8g/m ²
Greens	35g/m ²

Use	Rate
General Landscaping	35g/m ²
Low traffic and out of play areas	10g/m ²

with links to some of the largest seed is access to top cultivars as they become Seed is particularly strong in "Winter well as some of the top performing mid States.

mination assessment and quality control ence in Germany. The independent status cultivars, excellent quality and value for

Wetting Agents & Moisture Management

Product	Information	Pack	Price
Gravity Water Penetration	Gravity is a superior soil penetrating surfactant. It is designed for use on all intensively managed turf grasses such as golf courses and sportsfields to increase water infiltration and aid drainage. Can be used all year round. Turf Tip: Excellent tool to help remove excess water during winter	10lt	3
Conserve Water Retention	Conserve is a blend of non-ionic surfactants designed for use on intensively managed turf grasses such as golf courses and sportsfields. When used as directed it enables these soils to retain increased capillary water. Turf Tip: Keeps rootzone moist during dry periods	10lt	1
Revive Pellets	Revive pellets are a blend of organic acids, water dispersion agents and essential nutrients. They are designed for use on intensively managed turf and can be applied with most hose end applications. Turf Tip: Best pellet on the market	Box 12	1 t g
Pellet Applicator Gun	Hose end Applicator Gun use to apply wetting agent pellets while hand watering.	Each	r

Product	Information	Pack	Price
Holdit 2	Holdit 2 has been formulated to help prevent the development of hydrophobic soil conditions. On entering the root zone it attaches itself to soil particles and forms a film which not only helps water percolate evenly throughout the soil profile but will also help conserve water.	10lt	1
Holdit 360	Holdit 360 is a concentrated penetrant wetting agent for use on fairways and outfield. It is best used before rain or irrigation to move water into the soil. It can be used during autumn and winter to help disperse heavy rainfall.	20lt	2
Holdit Pellets	Concentrated wetting agent in pellet form for use while hand watering.	Box of 5	1 3
Jumbo Pellet	The Jumbo Pellet is designed to be used in the irrigation storage tank. It will help lubricate irrigation valves and sprinklers from the inside and will also improve water penetration into the turf.	Each	1 t 1 v
DewLess	DewLess is a dew dispersant. It contains a specific blend of adjuvants, spreading agents and oils which form a barrier on the leaf blade, helping to disperse dew. The longevity of DewLess is dependent on the rate of grass growth and frequency of cutting.	10lt	1
Profile Granules	This is an inorganic soil amendment which helps to resist compaction in soils and eliminate localised dry spot. It also helps soils to drain better and it facilitates a healthy root system that leaves turf less prone to stress and disease.	22.7kg	U p r v t



ProWet

Wetting Agents that work

**Gravity
moves
water down**

**Conserve
keeps
water
here**

Rate
3-10lt/ha
10-12lt/ha
1 x Pellet treats 4-6 greens
n/a

Rate
10-20lt/ha
20-40lt/ha
1 pellet per 3-6 greens
1 x Jumbo treats 5,000-10,000lt water
10lt/ha

Use 10 bags per 500m² or mix 50/50 with topdressing.



GreenPIG™

PIGment Additive



- Highly concentrated for low use rates
- Long lasting - means less frequent applications
- Cost competitive - fits most budgets
- Improves turf quality by increasing the reflectance of harmful (NIR) light
- Natural in colour - improves visual quality and turf presentation
- Improved turf health by reducing oxidative stress during exposure to high heat.



Dyes, Colourants & Additives

Product	Information	P
TruBLUE	Super strong soluble granular dye for use as a spray pattern indicator. This is a clean and easy to use product which is instantly soluble. No splash, no mess! Measuring cup provided.	2
TruGREEN	Same as TruBlue but green in colour.	2
TruBLACK	Super strong granular dye for use as a lake and pond colourant. This is a clean and easy to use product which is instantly soluble. No splash, no mess! Measuring cup provided.	2

Product	Information	P
GREEN PIG Plant Pigment	Green Pig is a premium pigment additive specifically formulated for golf and sports turf. It will enhance aesthetic turf appearance and performance and quality during times of stress. Turf Tip: Improve turf health and use instead of dye	1

Product	Information	P
Spray Mark Blue Spray Indicator	Spray Mark Blue is an enhanced spray pattern dye designed to highlight and help eliminate overlapping sprays, missed areas, spray drift or blocked nozzles. It will remain visible for 24 – 48 hours, after which they will gradually fade depending on light intensity and/or rainfall. Also available in green.	1
Tank Cleaner	Tank Cleaner is specially formulated to remove pesticide deposits and other debris, including oily substances, from tanks, hoses, booms, filters, screens and nozzles.	5
Foam Bout Marker	Foam Bout Marker produces a high quality, thick-bodied long lasting foam. The foam produced is deposited on the ground in large blobs rather than in narrow streaks.	2
Anti Foam	Helps prevent tank solution from foaming up while mixing.	1
Stinger Uptake aid	Stinger is an adjuvant and surfactant which helps plants achieve maximum uptake of pesticides. It has superior spreading and wetting properties and it increases the stomatal intake.	1
ULTRAPLEX 4-0-3 Biostimulants, micros, pH buffer	Ultraplex is like six products in one can. It is a biostimulant which enhances the response of fertilisers and will improve the efficiency of plant protectants and plant growth regulators. It is an effective water buffering agent designed to resist large changes in spray tank pH. Ultraplex provides healthy colour and combats stress. 4% Nitrogen 3% Potassium Also contains Boron, Copper, Iron, Manganese and Zinc. Turf Tip: Buffer pH in spray tank before adding chemical	1

Pack	Rate
2kg & 0.5kg	30-60g per 100lt or as required
2kg	30-60g per 100lt or as required
2kg	3-4 cups per acre (4-6ft deep) or as required

Pack	Rate
1qt & 10lt	1 lt/ha

Pack	Rate
10lt	250ml per 100lt
5lt	1lt in 200lt
2.5lt	100ml in 10lt
1lt	As required
10lt	250ml per 100lt
10lts	various

TruBLUE

- ✓ Soluble Granular Dye
- ✓ New Technology
- ✓ Highly Concentrated
- ✓ Very Cost Effective
- ✓ Easy to use
- ✓ No Splash/No Mess



Simple jar test to show solubility using no agitation



Turf Disease – Management & Control

Product	Information	Active Ingredients
Chipco Green	Chipco Green is a contact fungicide with curative and preventative action against a number of turf diseases including Fusarium. Chipco Green controls on contact so it does not rely on weather or grass growth, it also has excellent rain-fast properties and is very reliable and fast acting.	250g/l Iprodione
Heritage	Heritage is an effective systemic fungicide providing control of Fusarium patch, Take- All Patch, Anthracnose, Brown Patch, Leaf Spot, Rust diseases and type 2 Fairy Rings in established amenity turf.	500g/l Azoxystrobin
Scorpio	Scorpio has a revolutionary mesostemic mode of action, delivering highly efficient preventative and curative control of a broad spectrum of turf diseases including Fusarium and Red Thread. It gives up to 56 days control and is rainfast in 2 hours. It is affective in cool conditions and has both preventative and curative activity.	50% w/w Trifloxystrobin
Dedicate	Dedicate is a contact and systemic turf fungicide which both cures and prevents Fusarium Patch, Red Thread, Dollar Spot, Anthracnose and Rust in managed amenity turf. It is fast, long lasting and rainfast. It controls anthracnose and can be used all year round 'whatever the weather'.	200 g/l Tebuconazole & 100 g/l Trifloxystrobin
Medallion	Medallion TL offers an exciting opportunity to provide outstanding high levels of disease control and exceptional long-lasting results, from a modern bio-inspired fungicide that offers innovative Contact+ activity.	125 g/l Fludioxonil.
Instrata	Instrata is a broad spectrum foliar fungicide approved for the control of Fusarium Patch, Dollar Spot, Patch and reduction of Anthracnose on greens, tees, fairways and bowling greens.	362g/l Chlorothalonil, 56.9g/l Propiconazole, 14.5g/l Fludioxonil
Banner Maxx	Banner Maxx is a broad spectrum foliar fungicide with systemic properties for the control of Fusarium Patch, Dollar Spot, Brown Patch and Anthracnose on managed amenity turf.	156g/l Propiconazole Propiconazole
Interface	Interface offers disease control against 6 key turf diseases. It will deliver enhanced broad spectrum disease control and improved turf quality leading to visibly healthier turf.	256g/l Iprodione & 16g/l Trifloxystrobin
Pan Proteb	Pan Proteb is a highly effective curative and preventative treatment for Fusarium Patch. It combines two highly active fungicides, each with a different mode of action; Prochloraz, a translaminar, and Tebuconazole, a systemic. Together they provide a high level of disease control.	132 g/l Tebuconazole & 267 g/l Prochloraz

Product	Information	Active Ingredients
PK Plus	P-K Plus is the best phosphite product available on the market. It is also second to none in disease management of Fusarium Patch and Anthracnose. P-K Plus has been field tested for many years in the US., Ireland, UK and in Europe. It will also help with the control of Nematodes Turf Tip: Tank mix with fungicide for optimum disease control. Research Proven.	3-7-18 + 14% phosphite and micros
Ultraplex	Use Ultraplex to buffer pH and to increase plant uptake. Research Proven	N,K with Biostimulants, pH buffer, uptake technology

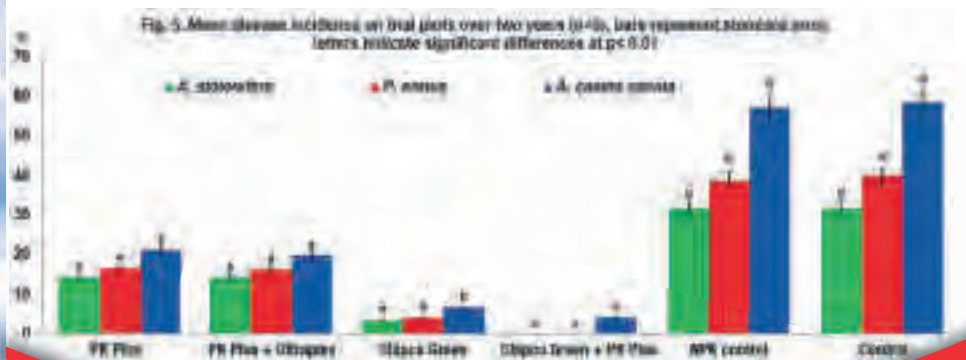
USE PESTICIDES SAFELY. ALWAYS READ THE LABEL.

DISEASE MANAGEMENT? PK PLUS WORKS!

P-K Plus research results to date

- Significant reduction in *Microdochium nivale* incidence
- In combination with fungicide enhanced disease suppression
- Rapidly assimilated, translocated by turfgrass
- Enhances turfgrass metabolism
- Inhibits mycelial growth and conidial germination
- Disrupts hyphal morphology
- Tracked *Microdochium* infection process and effects on defence responses

Pack	Rate	
5lts	20 lts/ha	UK/Irl
500G	500 g/ha	UK/Irl
250g	700 g/ha	UK/Irl
250ml	1 lt/ha	UK
3lts	3 lt/ha	UK/Irl
3lts	9 lt/ha	UK
3lts	3 lt/ha	UK/Irl
5lt	10 lt/ha	UK/Irl
1lt	1.7 lts/ha	UK



**60% LESS DISEASE
WHEN USING
PK PLUS ONLY**

Pack	Rate
10lt	20 lts/ha
10lt	Various



For research information on disease management go to www.griggbros.com



Selectives

Product	Information	Pack	Rates
Premier Amenity	Premier Amenity is a broad spectrum selective amenity herbicide. It gives excellent control over a wide range of weeds. <i>Only available to customers in ROI</i>	10lt	5lt/ha
Hysward P.	Hysward P. is a broad spectrum selective amenity herbicide. It gives excellent control over a wide range of weeds. <i>Only available to customers in UK</i>	10lt	up to 9lt/ha
Mortox 50	Mortox 50 is a selective amenity herbicide. Its economical to use and particularly useful for daisies, dandelions and ragwort. <i>Only available to customers in ROI</i>	10lt	3.3lt/ha
Re-Act	Re-Act is a broad spectrum selective weedkiller with specific recommendations on amenity turf. It gives excellent control over a wide range of weeds.	5lt	3.5 to 5.5lt/ha

Total Herbicides

Product	Information	Pack	Rates
Round Up	Round Up is a non selective foliar acting herbicide. It is translocated from treated green growth to underground roots, rhizomes and stolons, providing control of both annual and perennial weeds.	5lt & 20lt	1.5-6lt/ha

Moss Control

Product	Information	Pack	Rates
Opal Green	Opal Green is based around a blend of organic acids, biocides and surfactants. When applied to the surface, the surfactants allow the acid and biocide to spread and penetrate the moss or algae. The acid then kills them directly by burning. For more permeable surfaces such as artificial turf a higher water rate of 1,000 lt/Ha should be used. <i>Only available to customers in UK</i>	5lt	50lt/ha
	For hard surfaces only		
Mosgo	For the treatment of moss on tarmac, stone, concrete, slates and roof tiles. <i>Only available to customers in ROI</i>	5lt	Treats 62 sqm

Growth Regulators

Product	Information	Pack	Rates
Primo Maxx	Primo Maxx is a growth retardent used for turf growth management. It reduces the frequency of mowing and the amount of grass clippings.	5lt	Various

Pest Control

Product	Information	Pack	Rates
Tipulex	Tipulex is a fast acting and powerful insecticide which has been developed for the control of frit fly and leatherjackets. Both of these insects can do extensive damage to managed amenity turf, and Tipulex should be used during winter months to maximise control. <i>Only available to customers in UK</i>	2lt & 5lt	1.5lt/ha
Trigger	Trigger is an insecticide for the control of leatherjackets and frit fly in managed amenity turf. <i>Only available to customers in ROI</i>	5lt	1.5lt/ha
Caste Off	Caste Off is used for the suppression of worm casting. <i>Only available to customers in UK</i>	5lt	4lt/ha

USE PESTICIDES SAFELY. ALWAYS READ THE LABEL.

Spreaders & Settings

Spreaders & Settings

Product	Rate g/m ²	AccuPro			
		Single Pass	Double Pass	Cone	
Tru-prill	13-1-13	15	J 1/4	NR	8
	15-2-15	20	K 1/4	I	8
	18-2-18	25	L 1/4	I 1/2	8
	10-2-20	30	M 1/4	J	8
Gro Power	11-2-9	20	J 3/4	H 3/4	9
	6-2-10	25	K 3/4	I 1/4	9
	5-3-1	30	L 3/4	I 3/4	9
	0-0-15	35	M 3/4	J 1/4	9
GreenSpec	20	20	K 1/4	I	8
	7-7-7	25	L 1/4	I 1/2	8
	7-0-14	30	M	J	8
	35	35	N	J 1/2	8
ProStar	14-1-7	20	K 1/4	I	8
	7-2-16	25	L 1/4	I 1/2	8
	30	30	M	J	8
Pearl	6-5-10	25	L	J	6
	3-0-22	30	M	J 1/2	6
	5-0-5	35	N	K	6
ProStar	28-3-18	15	L	NR	4
	30-0-5	20	M	K	4
	25-4-12	25	N	K 1/2	4
	29-2-10	30	O	L	4
ClubGreen	15-0-30	15	L	NR	4
	25-4-10	20	N	K	4
	32-3-8	25	N	K 1/2	4
	30	30	O	L	4
Pearl	16-16-16	15	L	NR	4
	27-6-6	20	M	K	4
	15-2-25	25	N	K 1/2	4
	30	30	O	L	4

Disclaimer: These spreader settings are intended as a guideline only and TurfCare always recommend that all users calibrate their spreader on a regular basis.



Line Marking Machines

Product	Information	Notes
KOMBI & KNIB Battery Powered	The Kombi and Knib is the most widely used and most successful machine in the range. Its an industry favourite and no need for external mixing of paint, no blockages or downtime with easy an cleaning function switch. It has an 8 hour marking capability. Hand Lance.	Optional aluminum wheeled knib available. You can also attach an Athletic Boom for running tracks, Spray Boom and
ARNOLD Transfer Wheel Machine	The 3" Arnold has a 3 gallon capacity and is suitable for line marking on natural grass.	Tim 2", Lionel 4"
BeamRider CT Laser technology	The BeamRider CT system has 1 laser transmitter, namely the double transmitter that projects 2 beams preset at a 90° angle.	Laser technology for perfect straight lines on all surfaces
BeamRider SX Laser technology	The BeamRider SX system has 2 laser transmitters, 1 projects a double laser beam preset to a 90° angle and the second unit projects just a single beam	Laser technology for perfect straight lines on all surfaces

Line Marking Paint

Product	Information	Notes
Q2	Pitchmarker Q2 is a medium concentrate which can be diluted with water to produce long lasting rain resistant lines. Can be applied neat if required through the Kombi Spray Marker Machine, to reduce cost a smaller nozzle can be used.	Spray & Wheel To Wheel Application. Dilution Rate: 2:1 to 5:1.
SUPER C	Super C is the most popular concentrate used all over Europe today from small club level to the professional stadiums. Being a high concentrated product, when used correctly the price per pitch can be reduced greatly.	Spray & Wheel To Wheel Application. Dilution Rate: 2:1 to 8:1.
AEROSOL PAINT	Handy Aerosol paint for marking Ground Under Repair, Water Hazard etc. Available in White, Yellow. Red and Blue.	750ml Aerosols.

