



PRODUCT GUIDE

At ReGen Amenity we believe in putting our customers 1st. We aim to advise, supply and deliver high-quality products to suit the individual needs of our customers, whilst assisting you to produce unrivalled Turf Quality.

ReGen Amenity has sourced premium ingredients and continues to work with industry experts to compile a range of products which will meet the demands of modern turf care management. We have also partnered with leading manufacturers to give you options and provide the support and service you deserve.

ReGen Amenity are now proud to offer exclusive access to the AgriScience range in the UK.



Sigma AgriScience is North America's leading manufacturer of high quality organic granular fertilisers. They provide innovative products and solutions to agriculture nursery orchard turf and landscape markets.

Sigma AgriScience continually delivers cutting-edge quality and industry-leading results. Their commitment to producing the highest quality organic biofertiliser products in the world, starts with a focus on uncompromising quality, maximum operational efficiency and responsiveness to changes in customer needs and desires.

ReGen Amenity
the way nature intended



Sigma Bio Performance Inoculant for Organic Production



Sigma Bio is a premium liquid biological containing soil enhancing *Bacillus* bacteria, Mycorrhizal fungi and *Trichoderma* fungi. The synergy of these biologicals act on the plant's rhizosphere and grow close to the root to promote healthy growth. The purpose of this product is to enhance plant growth and vigour by optimizing nutrient availability and uptake. With humic acid and organic carbon minerals incorporated into the soil, **Sigma Bio** improves plant performance and yield potential by promoting better root growth and soil structure.



One of the industry leaders in organic fertiliser.

With advanced manufacturing capacity **Sigma AgriScience** continually delivers cutting-edge quality and industry-leading results.

Sigma 4-4-4 BIO Fine Grade With Value-Added Biologicals



This premium grade micro granular fertiliser has a size grade number of 110 and contains only 100% organic nutrient rich ingredients infused with value added biologicals. With added Calcium, humic acids and microorganisms in order to; strengthen plant's roots, offer greater absorption of water, nutrients whilst adding disease-fighting elements. Contains 6% CaO.

Can be applied year round.

Recommended at
30-40gms/sqm



Sigma 5-3-2 BIO Fine Grade Performance Fertiliser for Turf



A Perfect option to be applied for; post renovation recovery, through stress management periods, base feeding, or overseeding nutrition. Scientifically formulated to deliver strong & healthy turf throughout the seasons. A premium grade micro granular fertilizer has a size grade number of 110 and contains only 100% organic nutrient rich ingredients infused with value added biologicals. Contains 7.0% CaO

Can be applied year round.

Recommended at
30-40gms/sqm



ReGen Diverse 5.2.10 + 2% MgO 5.5% CaO 4% Humic Acid An Organo-Mineral fertiliser with a high Carbon to Nitrogen ratio.

Packed with Organic Content that will boost soil structure and nutrient availability due to the high carbon to nitrogen ratio of this homogeneous granule. Whilst enhancing; the CEC and providing a food source for the microbiology in your root zone, the rich organic content will capture the applied nutrients and help to hold them in situ within the rootzone to the benefit of your turf. The inclusion of Humic Acid and Calcium will aid the uptake of nutrients into the plant whilst encouraging strong root development. Added Magnesium will naturally lift the colour of your turf.

ReGen Diverse encourages more robust surfaces and is an ideal option as a base builder for your program and/or following your maintenance practices.

Apply at 30-40gms/sqm as required.



ReGen Fine Cal 30% CaO 6.6% MgO A High Calcium and Magnesium fertiliser.

ReGen Fine Cal is a perfect solution for situations where more Calcium and Magnesium support is required within the rootzone.

Apply at 20-40gms/sqm as required.



ReGen Humic G80 A granular humic acid with 80% humus content.

A great addition to boost CEC's in high sand environments which can be incorporated into the rootzone during renovation windows or applied to the turf due to its superior granulation. With no added NPK

ReGen Humic G80 can be applied all year round.

Apply at 20gms/sqm as required.



ReGen Fine

A Homogeneous Fine Turf grade fertiliser (1-2mm.) Performance that you can rely on for strong growth producing a rapid colour lift and aid plant recovery. Three conventional fertilisers will give you options and allow you to get the results that you can depend on.

Micro granules which are dust-free allow for easy application suitable for fine turf or outfield areas.

ReGen Fine 4.0.4 +9% Fe



Perfect for an early season feed to give a rich, deep green colour. Improves the health and appearance of your turf. This product can assist with the acidification of surfaces with a high iron content to support maintenance plans to deter moss.

Apply at 30-40gms/sqm as required.

ReGen Fine 8.0.4 + 2% MgO + Seaweed



Perfect to apply when your turf needs a granular fertiliser boost during to the playing season and ahead of summer time turf stress. With added calcium magnesium and seaweed this product will support the needs of both the grass plant and the soil whilst providing a nice colour lift.

Apply at a rate of 30-40gms/sqm.

ReGen Fine 12.0.9 + 2% Fe +2% MgO



A good option when you want to give the plant a bit more of a boost in Spring or Summer time. Popular on golf greens but also suitable for outfields such as approaches tees and sports pitches.

Apply at a rate of 30-40gms/sqm.



Greentech Sportsturf

One of Scotland's leading sports turf contractors and specialists in the design construction renovation and maintenance of sports surfaces.

Our collaboration with ReGen Amenity allows us to offer our products throughout Europe.

PRE IGNITE^J 10.15.10

A homogeneous mini granular fertiliser.

Containing Ammoniacal Nitrogen to give a temperature related turf response.

PRE IGNITE^J is a high phosphorus fertiliser for early seed growth stimulation.

PRE IGNITE^J contains readily available potassium for improved turf vigour.



IGNITEPRO^T 12.3.8 +3mgo +2fe +6 calcium

IGNITE PRO^T is a mini granular fertiliser containing a mixture of MU nitrogen and prolong nitrogen inhibitors to control and sustain a unique release pattern.

IGNITE PRO^T contains added calcium and seaweed for enhanced cell strength and environmental stress resistance.



IGNITE^H 6.5.10 +6Fe

A homogeneous mini granular fertiliser.

Containing Ammoniacal Nitrogen for use in fine turf.

IGNITE^H is ideal for periods when the plant is actively growing.

IGNITE^H contains readily available phosphorus and potassium for enhanced turf vigour and health.

IGNITE^H contains readily available Phosphorus and Potassium for enhanced turf vigour and health.

IGNITE^H contains iron for enhanced colour.



IGNITE^K 11.3.5 +3.5mg 3Fe 6Ca calcium

A homogeneous mini granular fertiliser.

IGNITE^K is a Homogenous Mini Granule fertiliser containing 3 forms of Nitrogen for use on fine turf.

IGNITE^K is an ideal Spring application for kick starting growth in cooler conditions.

IGNITE^K is best applied where rapid response is required.

IGNITE^K contains readily available Phosphorus and Potassium for enhanced turf vigour and health.

IGNITE^K contains Iron and Magnesium for enhanced colour. **IGNITE^K** contains Calcium for plant cell strength.



ReGen Controlled Release

Controlled Release fertilisers is an ideal option to be applied to tee's approaches, fairways or sports fields. ReGen Controlled Release provides your turf with nutrients in stages to give you plant strength density and extended longevity.

ReGen Controlled Release 10.3.8 + 2MgO

A 3 month release 1-2mm granular fertiliser with both readily available and 50% coated fertiliser which will last up to 3 months. A perfect option for outfield areas during the cooler months where growth and recovery is still required.

Recommended 30-40gms/sqm



ReGen Controlled Release 15.3.8 + 2MgO

A 3 month release 1-2mm granular fertiliser with both readily available and 50% coated fertiliser which will last up to 3 months. A perfect all round option for outfield areas to promote strong and steady growth.

Recommended 30-40gms/sqm



ReGen Controlled Release 20.3.8 + 2MgO

A 3 month release 1-2mm granular fertiliser with both readily available and 50% coated fertiliser which will last up to 3 months. Ideal when more growth is required on outfield areas, providing a boost in growth and colour.

Recommended 30-40gms/sqm



ReGen Controlled Release 24.4.10 + 2MgO

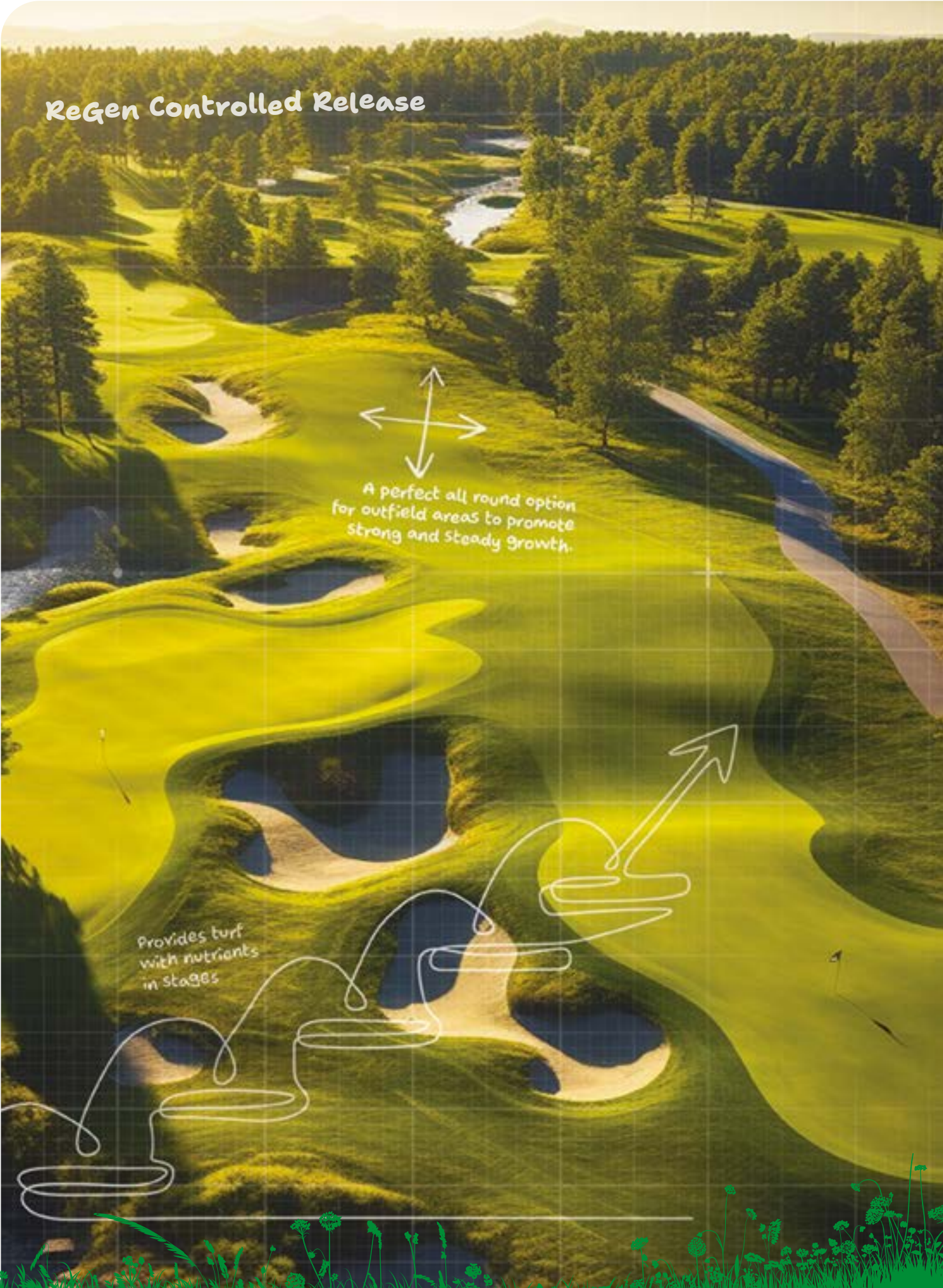
A premium 6 month release 1-2mm granular fertiliser. Providing an initial boost to your turf whilst containing 75% coated nutrients to release up to 6 months.

Recommended 30-40gms/sqm

Also available in a 2-3mm granular on request. Offering a more cost-effective option for a 6 month release product.



ReGen Controlled Release



A perfect all round option
for outfield areas to promote
strong and steady growth.

Provides turf
with nutrients
in stages

The Key to Unlocking Soil & Plant Health

ReGen *quattro*

- Patented formulation improves the uptake and recovery of nutrients from the soil
- This is because of the Oleic acid capped block co-polymer patented formulation drives nutrients into the plant
- For the turf manager who wants ultimate control

- Multiple modes of action puts the end user back in control of where they want the moisture in their root zone
- 100% biodegradable
- Flexibility at your finger types whatever the forecast.

ReGen Green+

- Supplies the plant with complex sugars
- Contains a natural source of Potassium
- Rich in mannitol to reduce, drought, heat & cold stress

- Packed with goodness to support root health and development
- Naturally rich in chelating and stabilising alginates
- 100% ECOCERT CERTIFIED.

ReGen Double-Shot

- Double-Shot is a unique patented surfactant technology infused with a highly concentrated cold extraction kelp extract
- The Osmoregulation and Antioxidant properties in Double-Shot help you to produce healthy playing surfaces whatever the conditions

ReGen Replenish

- Packed with amino acids and trace elements to boost plant function
- Certified organic soil conditioner
- 100% natural ingredients with no harmful chemicals

- Proven to boost microbial biomass within a sand based root zone
- Supports the natural function of the root zone in and around the plant
- Quickly restores depleted root zones.

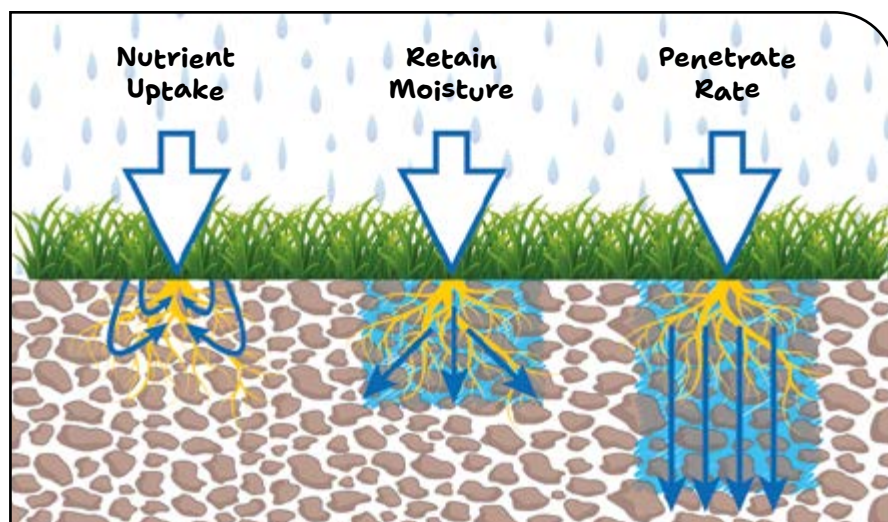
- A surfactant that improves infiltration, retention and uniformity, whilst being infused with a rich cold pressed seaweed
- A source of carbon for the root zone.

ReGen Quattro

ReGen Quattro is a unique patented liquid wetting agent which is 100% biodegradable.

ReGen Quattro has the ability to spread, penetrate, flush and increase nutrient uptake thus changing the way you view and use wetting agents.

3 Modes of Action, 1 Flexible Product



As observed in a trial by Clemson University **ReGen Quattro** puts moisture control back in to your hands whilst proving to give you increased nutrient uptake.

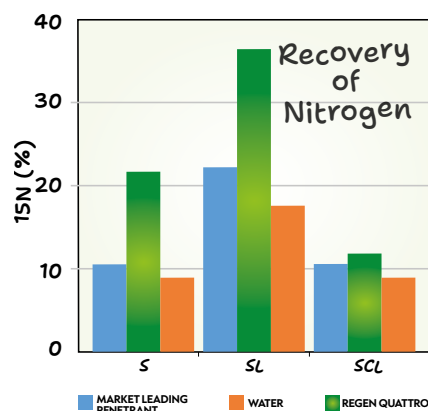
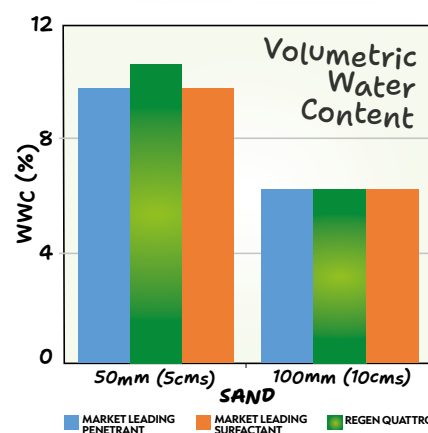
Engineered to optimise water absorption and limit nutrients leaching in your rootzone.

Volumetric Water Content

ReGen Quattro was tested vs a leading competitor and was proven to consistently perform at 50mm (5cms) and 100mm (10cms) within a sandy root zone.

Recovery of Nitrogen

ReGen Quattro also increases the uptake of soil-bound nitrogen before nitrogen is lost to volatilization and/or leaching. Clemson University observed a significant recovery on the samples where **ReGen Quattro** was used.

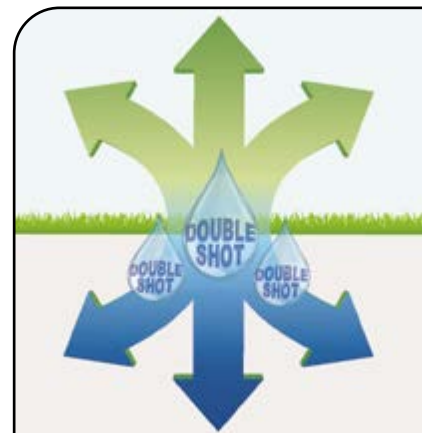




ReGen Double-Shot powered by Quattro

Is a plant stress management tool. It will help your plant through such stress as drought salinity heat pathogen and pollutants.

ReGen Double-Shot will increase the uptake of soil-bound nitrogen before nitrogen is lost to volatilisation and/or leaching. Clemson University observed a significant recovery on the samples where the surfactant in **ReGen Double-Shot** was used. **ReGen Double-Shot** has a highly concentrated Kelp extracted with a controlled extraction process enabling the natural carbohydrates found in Brown Kelp to be readily available to the plant. The osmoregulant and antioxidant properties available in **ReGen Double-Shot** help you to produce a healthy plant under stressful conditions. The unique patented surfactant in the **ReGen Double-Shot** formulation moves water into the soil profile improving water uniformity and helping eradicate LDS.



ReGen H²O Release

Manage your surfaces ahead of periods of wet weather.

ReGen H²O Release will assist you and your root zone to easily move moisture through the profile and link that moisture to your mechanical aeration channels. Maximise your air-to-water ratio so turf does not become waterlogged and allow space within your root zone for root systems to branch further afield. Turf grown in root zones with a good air-to-water ratio will respond quicker in Spring time and allow for firmer truer surfaces for longer periods heading into the winter.

Apply at 10L/Ha.



ReGen H²O Tabs

Maximise your spot treatment by using **ReGen H²O Tabs** to efficiently make use of the applied water. An effective solution to rewet your root zone and reduce the effect of localised dry patch.

Supplied in a pack of 6 tabs.

ReGen Biostimulants are sourced from the best quality ingredients and manufactured with the view to make for easy application.

ReGen Replenish

Soil Association Approved.
An organic liquid powerhouse packed with essential micronutrients and trace minerals. Designed to support your playing surfaces with trace elements and amino acids essential for growth density and overall health. Also proven to boost the microbiology within your root zone.

Best applied at 10L/Ha through the growing season.



ReGen PAR+

PAR+ enhances photosynthesis in the low light levels of the winter season and on turfgrass surfaces suffering from shade.



PAR+ contains 5-Aminolevulinic Acid (5-ALA) a compound found in all plants being a precursor of chlorophyll production and is involved in respiration and many other physiological processes in plants. **PAR+** protects turfgrass surfaces from low light stress through: scavenging oxidants improving photosynthetic enzyme activity increasing photosynthetic pigments repairing chloroplast damage and enhancing the rate of photosynthesis.

Application Guidelines

Dilute 1L of PAR+ in 300-400 litres of water per hectare of turfgrass surface. Apply every four weeks throughout the year.

PAR+ can be tank mixed.

Store unused **PAR+** in a cool dry environment.

ReGen Green+

Is a unique highly concentrated liquid with a low application rates. It will stimulate soil microbes and also prime your plant to help deal with stress.

With high levels of Mannitol this helps the plant combat such stress as drought salt and cold. It also helps assisting a healthy metabolic function and essential for cell wall synthesis. Mannitol has a osmoregulant effect within the plant this is the plants ability to self regulate under times of stress.

ReGen Green+ has higher than normal levels of Laminarin. This helps with carbon based energy and promotes a healthy soil ecosystem which will enable to active plant defence mechanisms. Recommended at 5L/Ha.



ReGen Restore

An organic approved liquid powerhouse packed with essential micronutrients and trace minerals with added chitosan and marine extract. Ideal to apply ahead of or at times when turf disease and/or pest pressure is high.



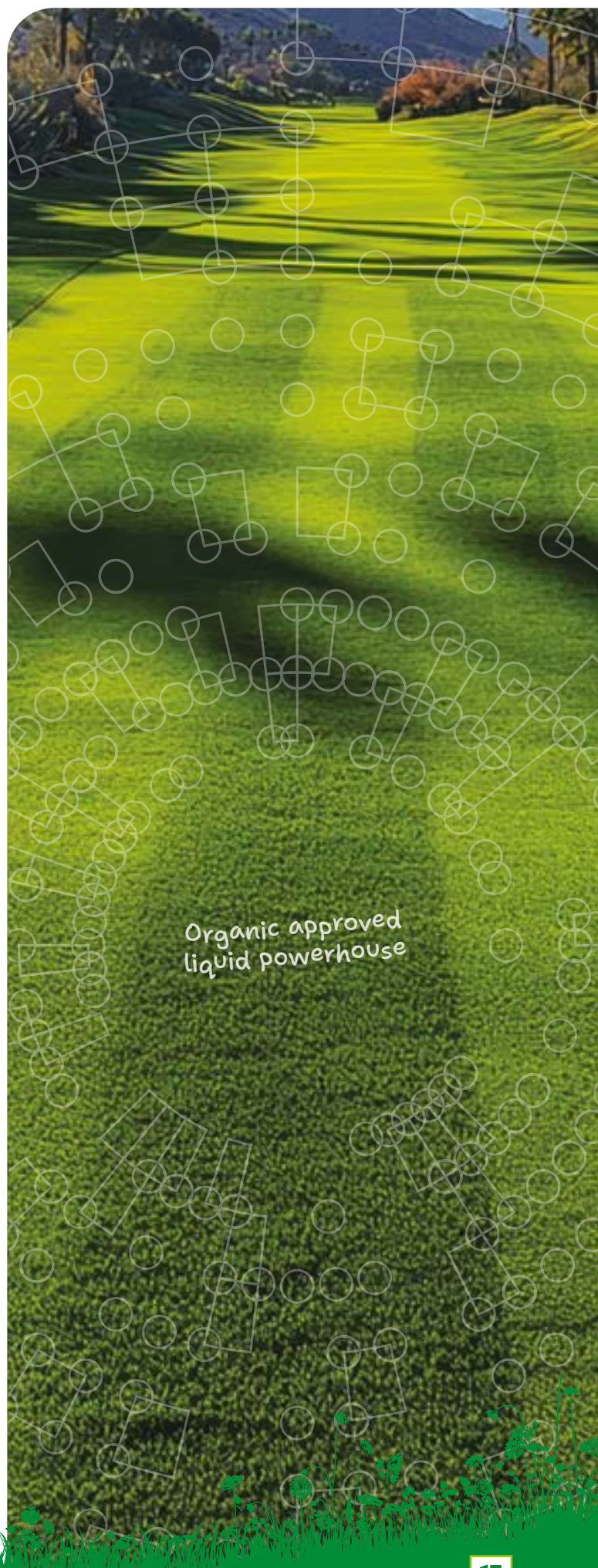
ReGen Amino

Is packed with 17 different Amino Acids in order to maintain a resilient grass sward. Apply to the turf to provide the plant with the building blocks they need to maintain plant health and vigour whilst surfaces are under pressure from modern expectations. Amino Acids will assist with plant function especially during periods of increased stress from close mowing heat and heavy play. Apply at 10L/Ha - 20L/Ha in high stress periods.



ReGen Humic

Is a rich solution containing 17.5% humic acids these will support both plant and soil function especially important through the growing season. Humic Acids are known to assist with the chelation of nutrients in the soil pool and will aid movement into the root systems/grass plant. Apply at 10L/Ha - 20L/Ha in high stress periods.



ReGen Boost N 24.0.0

Provide a boost to your turf with a maximum uptake from a foliar nitrogen application.

ReGen Boost can supply a quick enhancement of colour and energy which can be sprayed alone or as part of a tank mix.

Apply at 20L/Ha or increase as required.



ReGen Strong K 4.2.18

A liquid energiser which will enhance your turf health in the Spring and Autumn periods. Applying **ReGen Strong** will provide a supplement of liquid Potassium to the plant at times when root systems are not actively pulling from the root zone whilst also supporting new root development.

Apply at 20L/Ha.



ReGen Respond

ReGen Respond is a hybrid product combining protected stabilised amine Nitrogen complexed calcium micronutrients and fulvic and humic acid with a broad spectrum of L-isomer amino-acids. Formulated to improve the grass plants' efficiency

- Nitrogen in the Amine form.
- Complexed calcium and boron helping stimulate continuous root development which increases the plants ability to uptake nutrients and reduce apical dominance.
- Fulvic and Humic acid - natural growth stimulants.
- L-isomer amino-acids increase bio-synthesis of proteins promote efficient plant growth and increase resistance to abiotic and biotic stress.

Apply at 20L/Ha Standard rate. Can increase rate if more growth is desired.

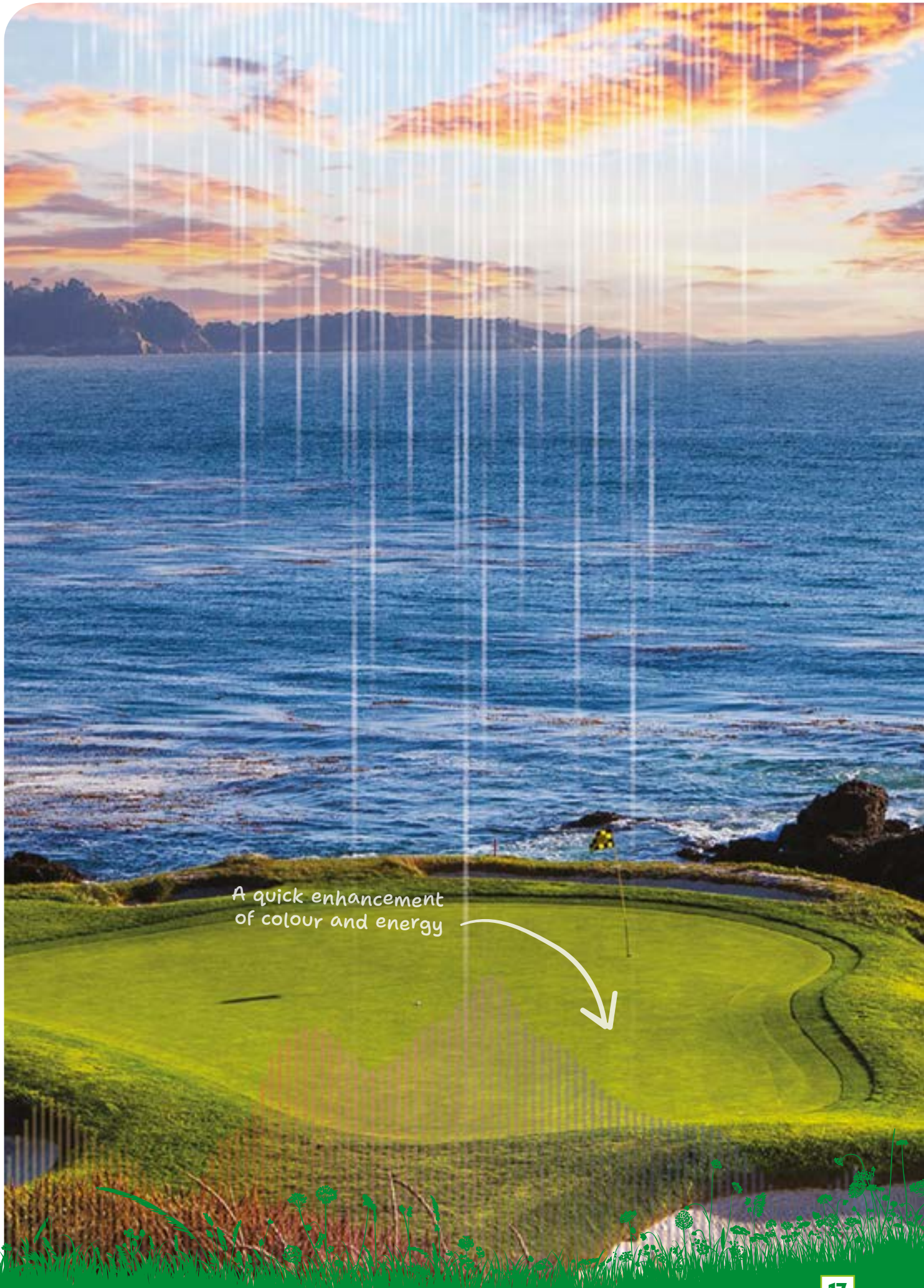


ReGen Calcium

A liquid calcium aimed to boost calcium intake directly through the leaf in order to aid plant function and support cell walls. An ideal option ahead of high-stress periods or when extra plant support is needed. Note this is not a replacement for situations where calcium levels are low in the root zone.

Apply at 10L/Ha.





A quick enhancement
of colour and energy

ReGen Iron

Boost colour any time of the year with **ReGen Iron** containing 6% Fe. **ReGen Iron** moves quickly into the leaf for rapid uptake to instantly start the colour transformation. Ideal as a stand-alone spray or can make a good partner for a tank mix.

Apply at 20L/Ha.



ReGen Colour

Provide a surge in colour to your playing surfaces without the need for iron. **ReGen Colour** is a great option for a scenario where iron is to be limited or reduced. Ideal as a stand-alone spray or can make a good partner for a tank mix.



Apply at 20L/Ha or increase depending on the colour lift you desire.

ReGen Kite

A 6% Chelated iron with added Citric Acid. A cost effective iron perfect for large outfield areas such as Tee's, approaches, fairways or Sports fields. **ReGen Kite** works quickly to lift your turf's appearance and vigour.

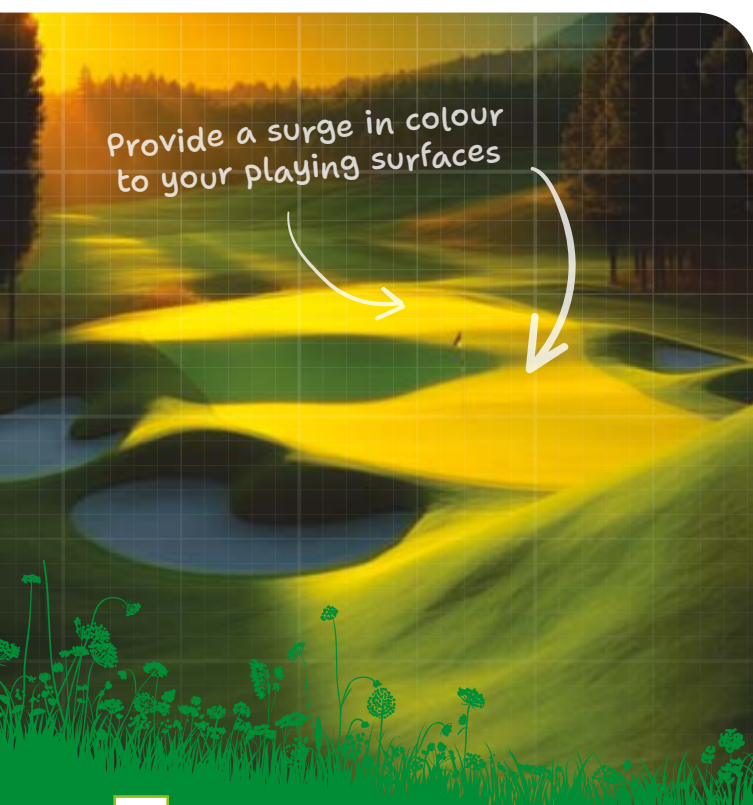
Apply at 20-30L/Ha.



ReGen Jade

ReGen Jade is an eco-friendly organic pigment made specifically for its excellent adherence to turfgrass. **ReGen Jade** is a temporary colour enhancer intended for use from spring transition until approaching dormancy conditions occur, providing a natural looking green associated with actively growing, healthy turf. Its visual appeal is unmatched by any other colorant, staying consistent with superior colours, quality and value.

Apply at between 0.5 & 1.5L/Ha.



ReGen Fertiliser Breakdown and Spreader Settings

Product	SGN	Application Rate	Total N Units Per Ha	Total P ₂ O ₅ Units Per Ha	Total K ₂ O Units per Ha	Nitrogen Sources	Spreader Settings Accupro 2000	
							Single Pass	Double Pass
Sigma Bio Fine 4.4.4	110	30gms/sqm	12	12	12	20% Ammoniacal	L ½ Cone 7	K ½ Cone 7
		35gms/sqm	14	14	14	80% Organic		
Sigma Bio Fine 5.3.2	110	30gms/sqm	15	9	6	20% Ammoniacal	L ½ Cone 7	K ½ Cone 7
		35gms/sqm	17.5	10.5	7	80% Organic		
ReGen Fine 4.0.4+9Fe	250	30gms/sqm	12	0	12	100% Ammoniacal	O ½ Cone 4	M ½ Cone 4
		35gms/sqm	14	0	14			
ReGen Fine 8.0.4	250	30gms/sqm	24	0	12	100% Ammoniacal	O ½ Cone 4	M ½ Cone 4
		35gms/sqm	28	0	14			
ReGen Fine 12.0.9	250	30gms/sqm	36	0	27	100% Ammoniacal	O ½ Cone 4	M ½ Cone 4
		35gms/sqm	42	0	31.5			
Greentech 6.5.10	250	30gms/sqm	18	15	30	100% Ammoniacal	O ½ Cone 4	M ½ Cone 4
		35gms/sqm	21	17.5	35			
Greentech 11.3.5	250	30gms/sqm	33	9	15	100% Ammoniacal	O ½ Cone 4	M ½ Cone 4
		35gms/sqm	38.5	10.5	17.5			
Greentech 12.3.8	250	30gms/sqm	36	9	24	65% Ammoniacal	O ½ Cone 4	M ½ Cone 4
		35gms/sqm	42	10.5	28	35% Pro Long Urea		
Greentech 10.15.10	250	30gms/sqm	30	45	30	100% Ammoniacal	O ½ Cone 4	M ½ Cone 4
		35gms/sqm	35	52.5	35			
ReGen CRF 10.3.8	200	30gms/sqm	30	9	24	50% Ammoniacal	P Cone 4	O Cone 4
		35gms/sqm	35	10.5	28	50% Coated Urea		
ReGen CRF 15.3.8	200	30gms/sqm	45	9	24	50% Ammoniacal	P Cone 4	O Cone 4
		35gms/sqm	52.5	10.5	28	50% Coated Urea		
ReGen CRF 20.3.8	200	30gms/sqm	60	9	24	50% Ammoniacal	P Cone 4	O Cone 4
		35gms/sqm	70	10.5	28	50% Coated Urea		
ReGen CRF 24.4.10	200	30gms/sqm	72	12	30	25% Ammoniacal	P Cone 4	O Cone 4
		35gms/sqm	84	14	35	75% Coated Urea		

www.regenamenity.co.uk

Here's what some of our customers
are saying about our products

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ReGen Quattro

We have used ReGen Quattro as part of our grow in this season. We saw great uniformity of moisture across all three of our sites. We also noticed good plant health and rapid establishment which put us ahead of schedule from previous renovations. I also love the flexibility of the product so I can keep control which is needed in our changeable climate.

Evan Davies

Head of Grounds, Swansea City AFC

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ReGen Double Shot

After suffering a large scale irrigation failure which caused substantial turf wilt on our 1st hole we applied ReGen Double Shot and irrigated it in. The next morning the turf looked as good as new. I firmly believe it is the best wetting agent on the market and we have noticed a changing in our watering program since rolling it out with the added seaweed enhancing our turf performance.

Dan Tully

Twin Orchard Country Club, Illinois USA

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ReGen Replenish

This year we introduced ReGen Replenish into our biological program. This has noticeably enhanced resistance to abiotic stresses and contributed to a reduction in Nitrogen applications. ReGen Replenish has provided us with great results and now become an integral part of our programmes.

Mark Simmons

Head Greenkeeper
Monmouthshire Golf Club

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“

ReGen Amenity

We here at Tidworth Garrison Golf Club have been really impressed with our results after using ReGen Amenity products as part of our annual programme.

Damion Woods

Tidworth Garrison
Golf Club

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