



FERTILISERS

Professional Plant Nutrition

Origin Amenity Solutions is the UK's leading provider of turf management and plant health solutions, delivering high-quality fertiliser programmes to sports turf, amenity and landscaping professionals across the country.

Trusted expertise. Proven performance.

With decades of experience embedded within the business, Origin brings together a depth of knowledge built through years of innovation, technical development and close collaboration with turf managers. This heritage includes expertise shaped through well-established names within the industry, forming a strong foundation of agronomic understanding and product development.

Today, Origin Amenity Solutions combines this experience with modern research, advanced manufacturing and a clear focus on delivering consistent, reliable results across all turf surfaces.

Designed for Modern Turf Management

Turf managers face increasing challenges, from environmental pressures such as climate change, to the demand for consistent, high-quality playing surfaces. Origin fertilisers are developed to meet these demands, providing:

- Reliable and predictable nutrient delivery
- Flexible solutions across multiple turf environments
- Performance in a wide range of conditions
- Support for sustainable and efficient turf management

A Complete Fertiliser Portfolio

Origin Amenity Solutions offers a comprehensive range of fertiliser technologies, allowing turf managers to build tailored nutrition programmes.

Granular Fertilisers

- **Controlled Release Fertilisers (CRF)**
Advanced coating technology for consistent, long-term nutrient delivery
- **Micro-Granular Fertilisers**
Fine granule size for superior coverage and precision application
- **Conventional Granular Fertilisers**
Reliable, traditional nutrition for general turf applications

OAS provides high end application tools to provide absolute precision to fertiliser application.

Liquid Fertilisers

Fast-acting, flexible nutrition for targeted and in-season use

Water-Soluble Fertilisers

Fully soluble formulations for rapid uptake and precise nutrient control

Each technology plays a role within a complete fertiliser strategy, allowing turf managers to adapt programmes based on seasonal requirements, surface demands and performance expectations.

Expertise You Can Trust

At the core of Origin Amenity Solutions is a team dedicated to supporting turf professionals with practical, science-led solutions.

Our expertise is built on:

- **Technical knowledge** – Experienced agronomists and specialists
- **Research and development** – Continuous product innovation and field trials
- **Manufacturing capability** – High-quality UK-based production
- **Industry heritage** – Knowledge developed across the amenity sector
- **Customer focus** – Supporting turf managers with real-world solutions

Controlled Release Fertilisers - How They Work

Smarter nutrient delivery for better turf performance

Controlled release fertilisers (CRF) are designed to supply nutrients gradually over time, ensuring the plant receives what it needs, when it needs it.

The Science Behind Controlled Release Fertilisers

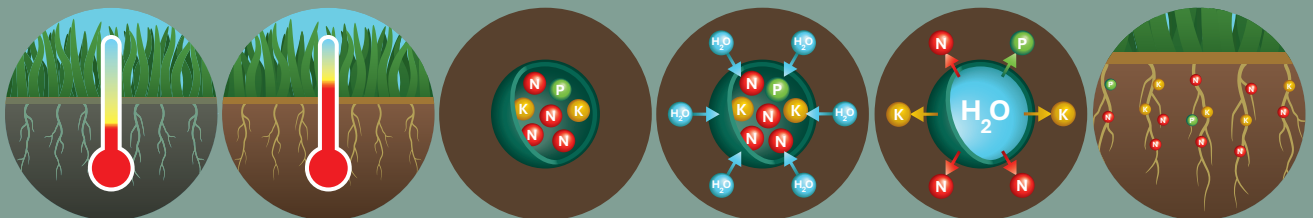
Controlled release fertilisers (CRF) are designed to supply nutrients gradually, ensuring a consistent and efficient feed in line with plant demand.

Each fertiliser granule is coated with a protective resin layer that regulates how nutrients are released into the soil.

Unlike conventional fertilisers, the release of nutrients from CRF is primarily influenced by soil temperature, rather than just moisture.

How It Works (Step-by-Step)

- Soil temperature increases
- The resin coating becomes more permeable
- Water moves into the granule
- Nutrients dissolve inside the core
- Dissolved nutrients move out through the coating
- Nutrients are released steadily into the soil solution



ProTect

Why Resin Coating Matters

Origin's ProTect resin coating technology is designed to deliver consistent and reliable performance:

- Controlled nutrient release aligned to plant demand
- Reduced nutrient loss
- Improved efficiency and longevity
- Reliable performance in changing weather conditions

Benefits of Controlled Release Technology

- ✓ Predictable nutrient availability
- ✓ Reduced application frequency
- ✓ Improved turf consistency and quality
- ✓ Lower environmental impact
- ✓ Efficient use of inputs

Did You Know?

Origin Amenity Solutions is continually exploring new coating technologies to further improve performance and sustainability. Ongoing research focuses on enhancing efficiency while reducing environmental impact, ensuring future solutions meet the evolving needs of turf managers.

Why It Matters for Turf Managers

Controlled release fertilisers provide peace of mind, delivering consistent results while reducing labour and input costs.

Xtend CRF

Controlled Release Fertiliser Technology



Precision nutrition. Consistent performance.

Xtend CRF is a premium range of controlled release fertilisers designed to deliver a reliable, consistent supply of nutrients to turf. Combining advanced coating technology with stabilised nitrogen, Xtend CRF ensures nutrients are released in line with plant demand, helping turf managers achieve predictable results across all surfaces.

Key Benefits

- ✓ Immediate response combined with controlled release
- ✓ More consistent growth and performance
- ✓ Improved nutrient efficiency
- ✓ Supports plant health and vigour
- ✓ Suitable for a wide range of turf applications
- ✓ Mini-granule size for even coverage (1.0–2.5mm)

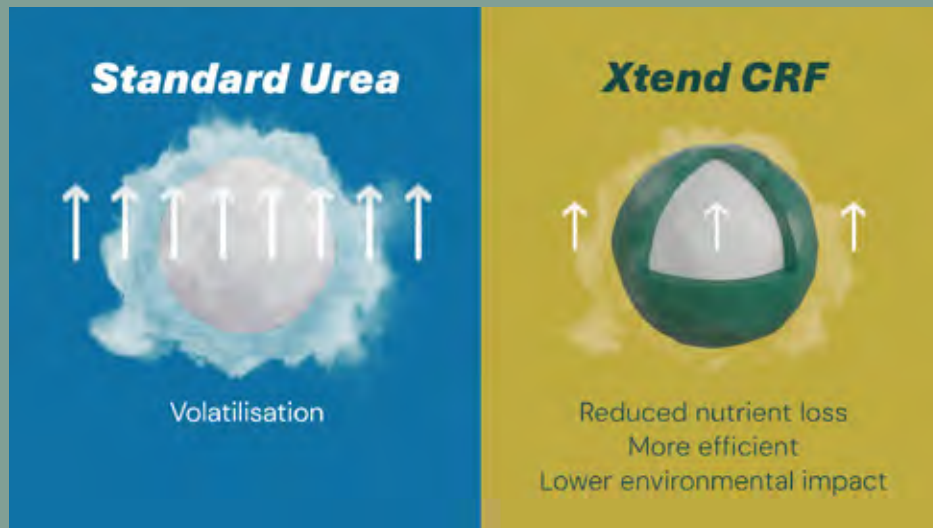
ProTect

How It Works

Xtend CRF combines two key technologies:

- **ProTect Resin Coating** – A temperature-responsive coating that regulates nutrient release
- **Inhibited Nitrogen** – Slows nitrogen availability, reducing losses and extending longevity

This dual approach provides an initial response followed by a steady, controlled nutrient release over approximately three months.



Xtend CRF – Controlled Release Fertiliser Technology																			
Product	Pack Size	Granule Size (mm)	Longevity (Months)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
12-20-12 OAI009580 Contains Crystal Geen Technology	20kg	1-2.5	3	50	1.7	8.4			1.9	12	20	12	6		3				
15-2-20 OAI009581	20kg	1-2.5	3	75	1.6	13.4				15	2	20	6	2	2				
20-5-10 OAI009579	20kg	1-2.5	3	60	0.8	16.2		3		20	5	10	3		10				
25-0-0 OAI009582	20kg	1-2.5	3	80		25				25	0	0	2		9				

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
20g/m ²	L	I½	4m	6
25g/m ²	M½	J½		
30g/m ²	N½	K		
35g/m ²	O½	K½		

Why Choose Xtend CRF?

Xtend CRF provides turf managers with a dependable nutrition programme that delivers both immediate and long-term results, reducing the need for frequent applications while maintaining high-quality surfaces.

Ideal Application Areas

Designed for consistent, long-term nutrition across a wide range of turf surfaces:

Fine turf and golf greens
Tees and approaches
Fairways
Sports pitches
Amenity turf and landscaped areas

Ideal where controlled, predictable nutrient release is required.

ConVert

Hybrid Release Fertiliser Technology



Immediate response. Sustained performance.

The ConVert Range combines advanced fertiliser technologies to deliver both rapid turf response and consistent, long-term nutrition. Designed as a coated mini-granular fertiliser, ConVert provides a balanced approach to plant nutrition, supporting performance across a wide range of turf surfaces.

Key Benefits

- ✓ Immediate response combined with controlled release
- ✓ More consistent growth and performance
- ✓ Improved nutrient efficiency
- ✓ Supports plant health and vigour
- ✓ Suitable for a wide range of turf applications
- ✓ Mini-granule size for even coverage (1.0–2.5mm)

How It Works

ConVert fertilisers utilise a hybrid release mechanism, combining two types of granules:

- A coated nitrogen granule for controlled, sustained release
- A compound granule containing conventional and slow release nutrients

This dual approach delivers an initial nutrient response, followed by a steady release over time, helping maintain consistent turf growth and quality.

Enhanced Nutrition

ConVert fertilisers include Polyhalite, a naturally occurring mineral providing:

- Potassium for stress tolerance
- Magnesium for improved chlorophyll production
- Calcium for plant strength and disease resistance

These naturally derived nutrients also support microbial activity within the soil, contributing to overall turf health.

ConVert – Hybrid Fertiliser Technology																			
Product	Pack Size	Granule Size (mm)	Longevity (Months)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
12-5-20 OAI000156	20kg	1-2.5	3	25	6.8	5.2				12	5	20	2		4				
15-5-15 OAI000155	20kg	1-2.5	3	25	7.8	6.2				15	5	15	2		4				
20-0-7 OAI000154	20kg	1-2.5	3	25	10	10				20	0	7	3		4				
21-5-6 OAI000153	20kg	1-2.5	3	25	9.3	11.7				21	5	6	2		4				

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
20g/m ²	L½	J	4m	6
25g/m ²	M½	K		
30g/m ²	N½	K½		
35g/m ²	P	L		

Ideal Application Areas

Fine turf
Tees
Fairways
Sports pitches

Why Choose ConVert?

ConVert offers a practical and effective solution for turf managers looking to balance immediate performance with longer-term nutrient supply. Its hybrid technology ensures turf receives the nutrients it needs from the outset, while maintaining consistent growth over time.

H-Cote

Controlled Release Precision Nutrition



Consistent release. Reliable performance.

H-Cote is a controlled release fertiliser range designed to provide steady, reliable nutrient delivery across a wide range of turf surfaces. With a high proportion of controlled release nitrogen, it supports consistent growth while reducing the risk of excessive flushes.

How It Works

H-Cote utilises an advanced dual-coating system to regulate nutrient release:

- An inner polymer coating encapsulates the nutrient core
- An outer sulphur and wax layer protects the granule during handling and application

Once applied, moisture moves through the coatings, dissolving the nutrients within the granule. These nutrients are then released gradually, with the rate influenced by soil temperature and moisture conditions.

Advanced Coating Technology

The dual-coating system is designed to balance protection and performance:

- Maintains coating integrity during transport and application
- Reduces the risk of nutrient lock-off
- Enables efficient and predictable nitrogen release
- Supports consistent plant growth and turf quality

Key Benefits

- ✓ Controlled, sustained nutrient release over time
- ✓ Reduced risk of flush growth
- ✓ High levels of controlled release nitrogen
- ✓ Consistent turf performance across the season
- ✓ Durable coating integrity during handling and application
- ✓ Mini-granule formulation for even distribution

H-Cote – Controlled Release Precision Nutrition																			
Product	Pack Size	Granule Size (mm)	Longevity (Months)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
H-Cote 16-4-13 +Mg +Ca OAI000166	20kg	1-2.5	3-4	40	6.7	9.3				16	4	13	1.8		4.5				
H-Cote Mini 10-5-14 +Fe +Mg OAI004591	20kg	1-2.5	3-4	70	3	7				10	5	14	1.2	1.2					
H-Cote Mini 15-5-12 +Fe +Mg OAI003919	20kg	1-2.5	3-4	81	2.7	12.3				15	5	12	1	1					
H-Cote Mini 22-3-8 +Fe +Mg OAI000169	20kg	1-2.5	3-4	91	1.5	20.5				22	3	8	0.8	0.7					

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
20g/m ²	L½	J	4m	7
25g/m ²	M½	J½		
30g/m ²	N½	K½		
35g/m ²	P	L		

Ideal Application Areas

Fine turf
Tees and approaches
Fairways
Sports pitches
Racecourses

Why Choose H-Cote Mini?

H-Cote Mini provides a dependable controlled release solution for turf managers looking to maintain consistent performance across the season. Its dual-coating technology ensures nutrients are delivered efficiently, supporting both turf quality and plant health.

MultiGreen

Temperature Controlled Release Fertiliser



Season-long performance. Controlled by nature.

MultiGreen is a temperature-controlled release fertiliser designed to deliver consistent, season-long nutrition from a single application. By combining fast-acting and controlled release nutrient sources, it provides both an immediate response and sustained performance across a wide range of turf surfaces.

How It Works

MultiGreen uses a dual approach to nutrient delivery:

- A 'fast start' portion provides immediate nutrient availability for early response
- A polymer-coated granule delivers controlled release over time

Following application, moisture enters the coated granule and begins the release process. Nutrient release is governed by soil temperature, ensuring nutrients are supplied in line with plant growth and seasonal demand.

Key Benefits

- ✓ Season-long fertilisation from a single application
- ✓ Temperature-controlled nutrient release
- ✓ Consistent growth with minimal flush
- ✓ Strong early response in cooler conditions
- ✓ Reduced nutrient loss and leaching potential
- ✓ Reliable performance across varying conditions

Application Areas

Fine turf
Tees and approaches
Fairways
Sports pitches
Racecourses

Product	Pack Size	Granule Size (mm)	Longevity (Months)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
15-0-22 +5MgO OAI00451	25kg	3-4	5-6	59		8.8		6.2		15	0	22	5						
28-0-0 +3MgO OAI004543	25kg	3-4	5-6	73	7.5	20.5				28	0	0	3						
28-3-15 +2MgO OAI004542	25kg	3-4	5-6	73	1	22.8		4.2		28	3	15	2						

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
25g/m²	P½	L½	4.5m	3
30g/m²	R	M½		
35g/m²	T½	N		

Why Choose MultiGreen?

MultiGreen offers a practical and efficient fertiliser solution for turf managers looking to maximise performance while reducing inputs. Its temperature-controlled release ensures nutrients are delivered when required, supporting consistent turf quality throughout the growing season.

PolyPro

Advanced Controlled Release Technology



Consistent nutrition. Engineered performance.

PolyPro is a range of controlled release fertilisers designed to deliver both immediate turf response and long-term, consistent nutrition. Using advanced coating technologies, PolyPro ensures nutrients are released gradually in line with plant demand, supporting sustained turf performance across a wide range of surfaces.

How It Works

PolyPro combines multiple nutrient delivery technologies within a single formulation:

- Polymer coated nitrogen for controlled release
- Polymer coated sulphur coated urea (PCSCU) for extended nutrient availability
- A conventional granule fraction to provide an initial response

Following application, moisture enters the coated granules, activating the nutrients. These are then released gradually through a temperature-controlled diffusion process, ensuring a steady nutrient supply over time.

Key Benefits

- ✓ Consistent, predictable nutrient release
- ✓ Temperature-controlled diffusion for plant-led feeding
- ✓ Reduced nutrient loss through leaching and volatilisation
- ✓ Durable coating integrity during handling and application
- ✓ Combination of fast and controlled release for balanced performance
- ✓ Supports turf durability and stress tolerance

Application Areas

Golf greens, tees and fairways
Sports pitches
Racecourses
Amenity turf

Product	Pack Size	Granule Size (mm)	Longevity (Months)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
SK 15-0-25 OAI000168	20kg	1-2.5	5-6	56						15	0	25							
SK 22-5-6 +MgO +CaO OAI000158	20kg	1-2.5	5-6	68	4.6	17.4				22	5	6	2		2				

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
25g/m ²	M	J½	4.5m	5
30g/m ²	N	K½		
35g/m ²	O	L		

Why Choose PolyPro?

PolyPro offers a flexible and reliable fertiliser solution for turf managers looking to achieve both immediate results and long-term performance. Its advanced coating technology ensures nutrients are delivered efficiently, helping maintain consistent turf quality throughout the growing season.

Microlite

Micro-Granular Precision Nutrition



Superior coverage. Consistent performance.

Microlite is a premium micro-granular fertiliser range designed to deliver precise, even nutrient distribution across fine turf surfaces. Its fine granule size ensures superior coverage at low application rates, supporting consistent turf performance and high-quality playing surfaces.

How It Works

Microlite utilises micro-granule technology combined with multiple nutrient sources to provide efficient plant nutrition:

- Fine granules deliver high particle density per square metre
- Nutrients disperse quickly into the sward
- Multiple nutrient sources provide consistent availability

This ensures even nutrient distribution and a uniform turf response across the entire surface, with reduced risk speckling.

Key Benefits

- ✓ Superior coverage from micro-granular formulation
- ✓ Even nutrient distribution across the sward
- ✓ Reduced risk of speckling
- ✓ Consistent turf colour and performance
- ✓ Flexible application rates
- ✓ Suitable for use during the playing season

Ideal Application Areas

Golf greens, tees and approaches
Bowling greens
Fine turf areas
Sports pitches
Amenity turf

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
20g/m ²	K	H½	3.6m	7
25g/m ²	K½	I		
30g/m ²	L½	I½		
35g/m ²	M½	J		

Why Choose Microlite?

Microlite provides turf managers with a reliable solution for maintaining consistent, high-quality surfaces. Its micro-granular technology ensures precise application and uniform results, making it ideal for fine turf where presentation and performance are critical.

Microlite – Micro-Granular Precision Nutrition																			
Product	Pack Size	Granule Size (mm)	Longevity (Weeks)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
8-0-16 +3.3MgO +4Fe (Advance) OAI008907	20kg	1-1.5	6	0	2	3	3	0		8	0	16	3.3	4	0	0	0	0	0
6-0-20 +2Fe (All Round) OAI008910	20kg	1-1.5	6	0	2.6	0.4	3	0		6	0	20	0	2	10	0	0	0	0
10-2-5 +3MgO +3CaO +2Fe (Complete) OAI008909	20kg	1-1.5	6	0	5	3	0	2		0	0	0	3	2	15	0	0	0	0
4-0-4 +4Fe (Links) OAI008905	20kg	1-1.5	6	0	3.9	0	0	0	0.1	4	0	4	0	4	8	0	0	0	0
10-0-0 +8MgO +TE (N-Vigor) OAI001038	20kg	1-1.5	6	0	5	3	0	2		10	0	0	8	0	17	1	2	0	0
12-0-12 +8CaO +3MgO +2Fe (Performance) OAI008906	20kg	1-1.5	6	0	6	6	0	0		12	0	12	3	2	8	0	0	0	0
15-0-10 +9CaO +3MgO (Premier) OAI008908	20kg	1-1.5	6	0	6	4	5	0		15	0	10	3	0	9	0	0	0	0
Trace Elements (TE Bag) OAI000157	20kg	1-1.5	—	0	0	0	0	0	0	0	0	0	19.8	8	0	1	3	0.5	0
Longevity based on nutrient sources and typical application rates																			



Cold Start

Early Season Turf Nutrition



Fast response. Strong foundations.

Cold Start is a specialist fertiliser range designed to support turf performance during early season and cooler conditions. Formulated to provide rapid nutrient availability when soil temperatures are low, Cold Start helps stimulate growth, improve colour and encourage early season recovery.

Key Benefits

- ✓ Rapid early season response
- ✓ Improved turf colour and presentation
- ✓ Sustained growth through multiple nitrogen sources
- ✓ Effective performance in cooler soil temperatures
- ✓ Encourages root and shoot development
- ✓ Supports recovery from winter stress

How It Works

Cold Start fertilisers utilise a combination of three forms of nitrogen to deliver both immediate and sustained plant response:

- Nitrate nitrogen for rapid uptake and instant turf response
- Ammonium nitrogen for steady, reliable feeding
- Ureic nitrogen for longer-lasting availability

This balanced approach ensures nutrients are available when the plant needs them most, particularly in cooler conditions where natural nutrient cycling is limited.

Three Nitrogen Sources



Cold Start – Early Season Turf Nutrition																			
Product	Pack Size	Granule Size (mm)	Longevity (Weeks)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
10-2-20 (Mini Gran) OAI000033	20kg	1-2.5	6		7.3			2.7		10	2	20	1.6						
11-5-5 +8Fe +CaO +Mg (Boost-R) OAI000055	20kg	1-2	6		5	4		2		11	5	5	0.8	8	7				
Longevity based on readily available nutrient sources for early season response																			

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
20g/m ²	K	I	4m	7
25g/m ²	L	I½		
30g/m ²	M	J		
35g/m ²	M½	J½		

Ideal Application Areas

Golf greens, tees and approaches
Fairways
Sports pitches
Amenity turf
Renovation and early season programmes

Why Choose Cold Start?

Cold Start provides a dependable solution for early season turf nutrition. By combining three forms of nitrogen, it delivers both immediate impact and continued performance, helping turf managers bring surfaces back into condition quickly and effectively.

C-Complex

Organic Mineral Turf Nutrition



Organic foundation. Enhanced performance.

C-Complex is a premium organic mineral fertiliser range designed specifically for fine turf. Built on a fully composted organic base enriched with humic acid and seaweed, it delivers both immediate nutrient availability and long-term soil and plant health benefits.

How It Works

C-Complex combines organic and mineral nutrition to create a highly effective fertiliser system:

- Aerobically composted cow manure base supports soil biology
- Humic acid (Naturvigor) stimulates microbial activity and root development
- Cold-processed seaweed enhances plant health and stress tolerance
- Balanced macro and micronutrients ensure complete nutrition

This organic mineral approach improves nutrient efficiency while supporting soil structure and plant resilience.

Unique Granule Technology

C-Complex uses advanced 'soft granule' technology:

- Rapid breakdown when moisture is present
- No sticky residue on the surface
- Minimal mower pick-up
- Faster nutrient availability for quick turf response

This ensures efficient delivery of nutrients with minimal disruption to play.

Key Benefits

- ✓ Organic base improves soil health and microbial activity
- ✓ Fast granule breakdown for rapid turf response
- ✓ Enhanced root development and stress tolerance
- ✓ No nitrogen drawdown due to fully composted base
- ✓ Balanced nutrition for consistent growth and colour
- ✓ Suitable for fine turf and high-performance surfaces

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
25g/m ²	L	I½	4m	6
30g/m ²	M	J		
35g/m ²	N	J½		
40g/m ²	O	K		
45g/m ²	P	K½		
50g/m ²	Q	L		

Ideal Application Areas

Golf greens, tees, approaches and surrounds
Bowling greens
Fine turf areas
Sports pitches
Professional lawncare

Why Choose C-Complex?

C-Complex provides a complete fertiliser solution, combining the benefits of organic soil conditioning with reliable mineral nutrition. It supports both immediate turf performance and long-term soil health, making it ideal for high-quality fine turf management.

C-Complex – Organic Mineral Turf Nutrition

Product	Pack Size	Granule Size (mm)	Longevity (Weeks)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
4-3-4 +5CaO +3MgO OAI005490	25kg	1-2	4-6		3.5				0.5	4	3	4	3		5				
5-2-10 +2CaO +MgO OAI005492	25kg	1-2	4-6		1.1	2.1		1.4	0.4	5	2	10			2				
7-0-7 +5CaO OAI005491	25kg	1-2	4-6		3	1.2	2.4		0.4	7	0	7			5				
14-2-5 +MgO +2CaO (Sport) OAI005493	25kg	2-4	8-10		3.4	10.2			0.4	14	2	5			2				

Longevity based on organic mineral nutrient sources and typical 4–8 week performance window

Greentec

Fine Turf Performance Fertiliser



Enhanced colour. Advanced nutrition.

Greentec is a specialist fertiliser range designed for fine turf, delivering consistent nutrition, enhanced colour and strong plant health. Formed with a blend of nutrient sources and organic components, Greentec provides reliable performance across a wide range of conditions.

How It Works

Greentec fertilisers utilise a combination of technologies to deliver consistent and effective nutrition:

- Up to four forms of nitrogen for performance across varying conditions
- Ammonium and nitrate nitrogen for rapid response in cooler temperatures
- Ureic and methylene urea nitrogen for sustained feeding
- Organic base with humic acid to stimulate soil biology and root development

Each formulation is designed to provide a tailored nutrient release curve, ensuring the plant receives the right nutrition at the right time.

Key Benefits

- ✓ Multiple nitrogen forms for consistent performance
- ✓ Rapid turf response, even in cooler conditions
- ✓ Strong, consistent colour from iron and magnesium
- ✓ Organic base supports microbial activity and root development
- ✓ Fast granule breakdown minimises disruption to play
- ✓ Uniform granule size for even nutrient distribution

Ideal Application Areas

Golf greens, tees and approaches
Bowling greens
Fine turf areas
Sports pitches
Amenity turf

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
20g/m ²	K½	I	4m	7
25g/m ²	L½	J		
30g/m ²	M	J½		
35g/m ²	N	K		

Why Choose Greentec?

Greentec offers a complete fine turf fertiliser solution, combining fast response, sustained nutrition and enhanced presentation. Its advanced formulations ensure consistent turf quality while supporting plant health and soil performance.

Greentec – Fine Turf Performance Fertiliser																			
Product	Pack Size	Granule Size (mm)	Longevity (Weeks)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
12-0-9 +1.6MgO +1Fe (SS6) OAI000062	20kg	1-2	6		10.5	1.1			0.4	12	0	9	1.6	1					
13-3-13 +MgO OAI004533	25kg	1-2	6		5.5	3.7	3.6		0.2	13	3	13							
14-2-7 + 1.6MgO (SS2) OAI000029	20kg	1-2	6		6.8	6.9			0.3	14	2	7	1.6						
5-5-10 +4Fe +2.4MgO +8CaO (Fineturf Bio) OAI000052	20kg	1-2	6		3.2	1.6			0.2	5	5	10	2.4	4	8				
6-0-12 + 2Fe + 3.3MgO + 8CaO (Fineturf Bio) OAI000051	20kg	1-2	6		4.9	0.9			0.2	6	0	12	3.3	2	8				
6-5-18 +MgO +4Fe OAI004535	25kg	1-2	6		3.5			2.5		6	5	18		4					
Autumn Green Bio 3-0-12 +8Fe +6CaO +2MgO OAI000061	20kg	1-2	6		3					3	0	12	2	8	6				
Summer Green 9-0-0 +11Fe OAI000032	20kg	1-2	6		7.6	1.4				9	0	0		11					
Turf Hardener 3-0-3 +1.6MgO +4Fe OAI000010	20kg	1-2	6		1.4	1.4			0.2	3	0	3	1.6	4					
Longevity based on nutrient sources and typical turf application programmes																			





Naturally derived. Performance driven.

Apex is a premium organic-based fertiliser range designed to deliver sustained turf performance while improving soil health. With high organic content, humic acid and natural mineral inputs, Apex supports consistent growth, enhanced root development and improved plant resilience.

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
25g/m ²	M	J½	4m	7
30g/m ²	N	K		
35g/m ²	O	K½		
40g/m ²	P	L		

Key Benefits

- ✓ High organic content for sustained nutrient release
- ✓ Improved root mass and plant establishment
- ✓ Enhanced microbial activity and soil health
- ✓ Low salt index for increased turf safety
- ✓ Improved disease resistance and stress tolerance
- ✓ Consistent, steady growth without excessive flush

How It Works

Apex combines organic and mineral nutrition with natural soil enhancers:

- High organic content provides slow, sustained nutrient release
- Humic acid improves nutrient availability and root development
- Polyhalite supplies potassium, calcium and magnesium
- Lignite enhances Cation Exchange Capacity (CEC) and reduces nutrient loss

This combination supports both immediate plant response and long-term soil health improvement.

Ideal Application Areas

Golf greens, tees and approaches
Fairways
Sports pitches
Amenity turf
Renovation and overseeding programmes

Product	Pack Size	Granule Size (mm)	Longevity (Weeks)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
10-1-4 + MgO + CaO + 8% Humic Acid OA1000046	20kg	1-2	6-8		6.5	1			2.5	10	1	4	0.3		4				
4-0-8 OA1000037	20kg	1-2	6		2.7	0.9			0.4	4	0	8	3.3	4					
4-6-4 + MgO + CaO + 11% Humic Acid OA1000044	20kg	1-2	6-8			1			3	4	6	4	0.7		7				

Longevity based on organic nutrient sources and typical 6-8 week performance window

Mycogro

Biological Fertiliser Technology



Feed the soil. Strengthen the plant.

MycoGro is an advanced fertiliser range combining balanced nutrition with biological technology to support soil health and plant performance. By integrating organic inputs, microbial stimulation and nutrient supply, MycoGro enhances root development, nutrient efficiency and overall turf resilience.

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
25g/m ²	L½	J	4m	5
30g/m ²	M½	J½		
35g/m ²	N½	K		

Key Benefits

- ✓ Supports soil biology and microbial activity
- ✓ Improves nutrient uptake efficiency
- ✓ Encourages deeper rooting and stronger establishment
- ✓ Enhances turf colour and overall plant health
- ✓ Provides both immediate and sustained nutrient availability
- ✓ Suitable for integrated turf management programmes

How It Works

MycoGro fertilisers combine conventional and organic nutrient sources with biological stimulation:

- Organic components support soil microbial activity
- Humic substances and carbon sources improve nutrient availability
- Balanced NPK formulations provide essential plant nutrition
- Magnesium and iron enhance colour, photosynthesis and plant strength

This integrated approach helps create a more active rootzone, improving nutrient uptake and supporting consistent turf performance.

Ideal Application Areas

Golf greens, tees and approaches
Fairways
Sports pitches
Amenity turf
Integrated turf management and soil health programmes

Product	Pack Size	Granule Size (mm)	Longevity (Weeks)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
10-3-14 + 3.3% MgO + 2% Fe OAI001748	20kg	1-2.5	6		9.1	0.9				10	3	14	3.3	2					
11-2-14 + 5% MgO + 1.6% Fe (Slow Release) OAI001750	20kg	1-2.5	6		6.5	2.5	2			11	2	14	5	1.6					
5-0-28 + 2.5% MgO + 2.5% Fe OAI001736	20kg	1-2.5	6		3.2	1.8				5	0	28	2.5	2.5					
5-2-10 + 2% MgO + 0.6% Fe OAI007274	20kg	1-2.5	6		2.2	0.6			1.8	5	2	10	2	0.6					

Longevity based on organic nutrient sources and typical 6–8 week performance window

Delta

Organic-Based Performance Fertiliser



Balanced nutrition. Natural performance.

Delta is a high-quality fertiliser range combining conventional and slow release nutrition with organic material to support consistent turf performance. The range also includes specialist outfield formulations designed for broader turf areas, providing flexibility across a wide range of applications.

How It Works

Delta fertilisers are formulated using an organic mineral complex, combining mineral nutrients with organic material to create a modified nutrient release pattern:

- Organic material provides a natural nutrient source
- Nutrients are released more gradually compared to conventional fertilisers
- Each granule contains a uniform blend for consistent distribution

The inclusion of organic content supports soil biology, helping improve nutrient efficiency and overall turf health.

Key Benefits

- ✓ Modified nutrient release for consistent growth
- ✓ Organic content supports soil microbial activity
- ✓ Even nutrient distribution from homogenous granules
- ✓ Improved turf colour and presentation
- ✓ Flexible application across a range of turf surfaces
- ✓ Supports root development and plant health

Delta – Organic–Based Performance Fertiliser																			
Product	Pack Size	Granule Size (mm)	Longevity (Weeks)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
12–4–8 +Fe OAI000177	20kg	2–4	6		10.2	1.5			0.3	12	4	8		0.5					
15–2–12 +Fe OAI000181	20kg	2–4	6		8.7	2.1	3.9		0.3	15	2	12		0.5					
8–6–6 +Fe OAI000179	20kg	2–4	6		6.7	0.9			0.4	8	6	6		0.5					
4–10–10 (Outfield) OAI000022	20kg	2–4	6		4					4	10	10							
8–12–8 +MgO +Zn (Pro–Seed) OAI000028	20kg	1–3	6		8					8	12	8	3						
9–5–5 (Outfield) OAI000021	20kg	2–4	6		9					9	5	5							
Longevity based on conventional and slow release nutrient sources																			

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
30g/m ²	Q	M	4m	5
35g/m ²	R½	N		
40g/m ²	S½	N½		

Ideal Application Areas

Golf tees, surrounds and fairways
Sports pitches
Tennis courts
General amenity turf
Outfield and landscape areas

Why Choose Delta?

Delta offers a reliable fertiliser solution for turf managers seeking a balance between performance and soil health. Its organic-based formulation enhances nutrient efficiency while supporting consistent turf quality throughout the season.

Fertiliser Applicators

Appli-Tec 2000

The leading rotary spreader for greenkeeping, sports pitch maintenance and grounds management

The Appli-Tec 2000 rotary spreader uses a patented helical cone system to provide turf managers with accuracy, consistency and even distribution of granules. This unique function allows a precise and consistent distribution of granules onto all turf areas.

With new improvements to build quality and function, in addition to a stainless steel frame, the Appli-Tec 2000 is regarded as a reliable and trusted choice when applying fertiliser.



Helical cone system



Side deflector plate



Complete control



Robust frame

Spreaders

Tools to make fertiliser application easy, consistent and efficient

Getting fertiliser down the right way makes all the difference to coverage, turf performance and appearance. Whether you're managing large open spaces, sports surrounds or high-use amenity grass, choosing the right spreader helps you cover more area in less time — with

uniform distribution and minimal waste.

Below is a selection of reliable spreaders that suit a range of turfcare tasks, from large-area rotary spreaders to practical handheld options.

Fertiliser Spreader Selector

Product	Description	Best For
 Appli-Tec Dual Spreader	Professional rotary spreader with a 25kg hopper and adjustable spread width. Delivers even and efficient fertiliser application across turf, reducing refills and improving consistency. Durable stainless steel frame and feed rate control help tailor application to the area you're treating.	Larger amenity areas, pitches, sports grounds
 Shoulder 9kg Bag Spreader	Shoulder-mounted bag spreader with heavy-duty gearbox and overhead strap for comfort. Easy-to-use on/off system and good capacity make it versatile for fertiliser, grass seed or fine salt in winter.	Mid-size lawns, smaller amenity areas, winter salt application
 Handheld Spreader	Compact handheld spreader for quick, targeted application of seed or fertiliser. Lightweight and easy to operate — ideal for spot treatments or smaller areas.	Small lawns, spot treatments, beds & borders, fertiliser application

Spread with confidence

Using the right spreader helps:

- Improve coverage uniformity across sites
- Reduce product waste and overlaps
- Save time and labour effort
- Maintain healthier, greener turf with consistent feed

How to choose the right spreader

Rotary options like the Appli-Tec are ideal when you need to cover larger turf areas consistently and with fewer refills.

Shoulder or bag spreaders such as the Cresco 5 suit medium-sized spaces or where more control is beneficial, including winter treatments.

Handheld spreaders are great for targeted or smaller tasks, spot feeding or areas with obstacles.

Nutrisphere® Technology

More Available Nitrogen. Less Nitrogen Loss.

Nutrisphere® is an enhanced efficiency technology designed to improve nitrogen availability by protecting applied nitrogen from volatilisation, leaching and denitrification. By keeping nitrogen in a plant-available form for longer, more of the applied nutrient remains where it is needed most; in the rootzone.

Used within the Xtend range, Nutrisphere helps deliver a more efficient nitrogen programme, supporting consistent turf performance whilst reducing environmental losses.

Key Benefits

- ✓ Improved Nitrogen Efficiency
Keeps nitrogen available to the plant for longer, helping maximise every application.
- ✓ Reduced Nutrient Losses
Helps minimise losses through volatilisation, leaching and denitrification.
- ✓ Longer Lasting Performance
Supports sustained nutrient availability and extended response from nitrogen applications.
- ✓ Lower Environmental Impact
Reduces the movement of nitrogen from the rootzone whilst helping improve application efficiency.

Why Nutrisphere?

- Retains more plant-available nitrogen
- Reduces ammonia and nitrous oxide losses
- Helps limit nitrate leaching
- Promotes more efficient nutrient uptake
- Supports improved turf quality and performance
- Delivers greater return from nitrogen applications



Xtend

Stabilised Slow Release Nitrogen



Efficient nitrogen. Extended performance.

Xtend is a range of slow release fertilisers designed to deliver consistent nitrogen supply over an extended period.

Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
25g/m ²	O½	L	4.5m	4
30g/m ²	Q	M		
35g/m ²	R½	M½		

Xtend 46-0-0 Spreader Settings

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
10g/m ²	L	J	4m	4
20g/m ²	N½	K½		
25g/m ²	P½	L½		

Key Benefits

- ✓ Up to 2–3 months controlled nutrient release
- ✓ Improved nitrogen efficiency and reduced losses
- ✓ Consistent turf growth without excessive flush
- ✓ Excellent turf safety, even in dry conditions
- ✓ Reduced leaching and volatilisation
- ✓ Suitable for low input and outfield areas

How It Works

Xtend utilises stabilised nitrogen technology, combining two key components within each granule:

- NBPT (urease inhibitor) reduces nitrogen loss through volatilisation
- DCD (nitrification inhibitor) slows the conversion of ammonium to nitrate

This dual-action approach ensures nitrogen remains available in the soil for longer, improving uptake efficiency and delivering a steady, controlled nutrient release

Ideal Application Areas

Golf tees, approaches and fairways
Sports pitches
Racecourses
Outfield and amenity turf

Product	Pack Size	Granule Size (mm)	Longevity (Months)	Coated N (%)	Ammoniacal N	Ureic N	Meth Urea	Nitric N	Organic N	N	P	K	MgO	Fe	CaO	Zn	Mn	Cu	Te
15-2-20 + MgO OAI006314	25kg	2.5-4	2-3		3	12				15	2	20							
24-4-4 OAI006315	25kg	2.5-4	2-3		4	20				24	4	4							
46-0-0 Granular OAI009903	20kg	3-4	2-3			46				46	0	0							
46-0-0 Dual OAI009988	20kg	1-2	2-3			46				46	0	0							

Longevity based on readily available nutrient sources for early season response

Water Soluble Fertilisers

Precision Turf Nutrition

Fast acting. Fully available. Complete control.

Water soluble fertilisers (WSF) provide turf managers with a highly efficient and flexible method of nutrient delivery. Designed for rapid uptake and immediate plant response, they are ideal for situations where precision, performance and control are essential.

At Origin Amenity Solutions, we offer a comprehensive approach to water soluble nutrition, supporting turf professionals with the right products, advice and application strategies.

How Water Soluble Fertilisers Work

Water soluble fertilisers dissolve completely in water, allowing nutrients to be delivered directly into the plant system:

- Nutrients are fully dissolved and immediately plant available
- Applied via sprayers or irrigation systems for even coverage
- Rapid foliar and root uptake ensures fast turf response
- Allows precise control of nutrient input based on turf requirements

This makes WSF ideal for targeted applications, corrective treatments and high-performance turf management.

Why Choose Origin Amenity Solutions?

At Origin Amenity Solutions, we combine technical expertise with a deep understanding of turf requirements to deliver tailored nutrition programmes.

- Expert advice from experienced agronomists
- Access to a wide range of water soluble formulations
- Solutions tailored to specific turf surfaces and conditions
- Support with application timing and programme planning

We work in partnership with turf professionals to ensure the right product is used at the right time for maximum effectiveness.

Key Benefits

- ✓ Immediate nutrient availability and fast response
- ✓ Precise and controlled application
- ✓ Flexible use throughout the growing season
- ✓ Ideal for tank mixing with other products
- ✓ Supports consistent turf quality and presentation
- ✓ Efficient nutrient use with minimal waste

Application Flexibility

Boom sprayers
Knapsack sprayers
Irrigation systems
Tank-mixed with compatible products

Why and where to use

Where Water Soluble Fertilisers Fit

Water soluble fertilisers are an essential tool within modern turf management programmes:

- Rapid correction of nutrient deficiencies
- Pre and post event turf preparation
- Supporting growth during peak demand periods
- Maintaining colour and presentation
- Integration within liquid and granular feeding programmes

When to Use Water Soluble Fertilisers

- During periods of high growth or stress
- When rapid turf response is required
- In cooler conditions where granular uptake is limited
- As part of a regular maintenance programme
- Alongside plant protection or biostimulant applications

Ask Origin Amenity Solutions for the right analysis and expert advice on when and how to use water soluble fertilisers within your programme.

