



FERTILIZERS



Product selector

Range	Type	Release Pattern	Longevity		
PolyPro PolyPro SK	Micro-granular	Controlled Release	NUTRIENT RELEASE FOR 20-24 WEEKS		
Premier HG	Mini-granular	Slow Release	NUTRIENT RELEASE FOR 10-12 WEEKS	NUTRIENT RELEASE FOR 16-20 WEEKS	NUTRIENT RELEASE FOR 20-24 WEEKS
Convert Gold Convert	Mini-granular	Hybrid Slow Release Hybrid Slow Release	NUTRIENT RELEASE FOR 8-12 WEEKS		
Microfine	Micro-granular	Slow Release	NUTRIENT RELEASE FOR 8-12 WEEKS	NUTRIENT RELEASE FOR 12-16 WEEKS	
Microlite Activ8 Microlite	Super Micro-granular	Conventional Release Slow Release	NUTRIENT RELEASE FOR 6-8 WEEKS		
Microlite TE-Bag	Super Micro-granular	Conventional Release	NUTRIENT RELEASE FOR 6-8 WEEKS	NUTRIENT RELEASE FOR 8-12 WEEKS	
Apex Organic OC1, OC2	Mini-granular	Conventional Release Slow Release	NUTRIENT RELEASE FOR 6-8 WEEKS		
Fineturf Fineturf Bio	Mini-granular	Conventional Release	NUTRIENT RELEASE FOR 6-8 WEEKS	NUTRIENT RELEASE FOR 8-12 WEEKS	
Delta Sport	Mimax granular	Conventional Release Slow Release	NUTRIENT RELEASE FOR 6-8 WEEKS	NUTRIENT RELEASE FOR 8-12 WEEKS	
Outfield Outfield Bio	Maxi-granular Mimax granular	Conventional Release	NUTRIENT RELEASE FOR 6-8 WEEKS		
Microflow CXS	Liquid	Slow Release	NUTRIENT RELEASE FOR 4-6 WEEKS		
Nutri-Link	Liquid	Conventional Release	NUTRIENT RELEASE FOR 2-4 WEEKS		
Ecofeed	Liquid	Conventional Release	NUTRIENT RELEASE FOR 2-4 WEEKS		
Microsol	Soluble	Conventional Release	NUTRIENT RELEASE FOR 2-4 WEEKS		

Technology						Surface Suitability				Page Number
Greens	Tees	Fairways	Pitches							
						✓	✓	✓	✓	6
						✓	✓	✓	✓	8
						✓	✓	✓	✓	10 12
						✓	✓	✓	✓	14
						✓	✓	✓	✓	16
						✓	✓	✓	✓	18
						✓	✓	✓	✓	20
						✓	✓	✓	✓	22 24
							✓	✓	✓	26
								✓	✓	28
						✓	✓	✓	✓	30
						✓	✓	✓	✓	32
						✓	✓	✓	✓	34
						✓	✓	✓	✓	36

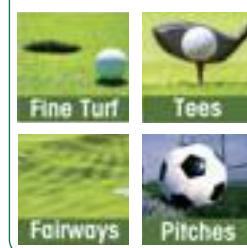
PolyPro Range

Controlled release – coated micro-granular fertilizers

WHY POLYPRO FERTILIZERS

- › Reactive Layers Coating Technology N & K
- › Durable and uniform polymer membrane
- › Releases nutrients via temperature-controlled diffusion – unaffected by moisture
- › Consistent, predictable and gradual release
- › Conventional release fraction for initial response
- › Reduced leaching and volatilisation of N

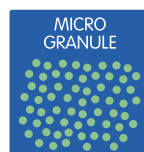
Recommended areas



This range has been formulated with Polymer Coated Nitrogen and Potassium, Polymer Coated Sulphur Coated Urea and a conventional compound granule, so the plant receives the early required boost, in conjunction with the long lasting nutrition which gives long term benefits of increased durability and stress tolerance.



PolyPro selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	N kg/ha	P kg/ha	K kg/ha
25-3-15	An NPK fertilizer, for full season growth. P and K will encourage root development in spring	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	62.5 87.5	7.5 10.5	37.5 52.5
18-4-18	Balanced NK fertilizer with P for all round plant health	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	45.0 63.0	10.0 14.0	45.0 63.0
15-0-25	High K for stress control in drought conditions, high wear areas and high disease pressure situations	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	37.5 52.5	0 0	62.5 87.5
0-0-45	100% coated K only, corrects deficiency in sand construction and hardens turf in autumn/winter	1.0-2.0	20	20 35	1000 571	NUTRIENT RELEASE FOR 20-24 WEEKS	0 0	0 0	90.0 157.5



PolyPro SK selector

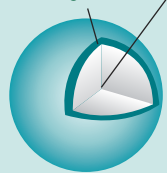


22-5-6 + 2MgO +2CaO + seaweed	NPK fertilizer with coated N, and added Mg, Ca and seaweed for reduced stress	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	55 77	12.5 17.5	15 21
14-0-28 + 2MgO +2CaO + seaweed	Double K fertilizer with coated N, organic K, seaweed and Ca for improved winter hardiness	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	35 49	0 0	70 98

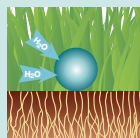


PCU & PCSOP

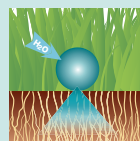
PolyPro Coating Technology



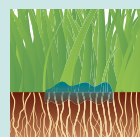
These two polymer coated granules will give full season release



Within a week of application, the polymer coating allows soil moisture in, which activates encapsulated nutrients but doesn't release them.



Over the next several months, the membrane slowly releases dissolved nutrients through diffusion, only when triggered by soil temperature.



After complete release of nutrients, the polymer coating microbially decomposes into naturally occurring soil elements.

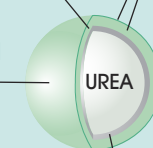
PCSCU

Advanced Dual-coating Technology

Less Sulphur coating reduces N lock-off and delivers more N

Coating integrity is maintained during transport, blending, bagging and application

Outer layers consist of a thin coating of elemental Sulphur and polymer wax, which work together to protect the inner polymer coating



Inner layers consist of a thin, cross-linked polymer film that encapsulates and protects the Urea granule

PolyPro SK

Provides several months controlled release nutrition, in conjunction with organic nutrition and biostimulants. This micro-granular range includes a compound granule blended with coated nutrient, to give superior application compared to lesser products.

- ▶ PCU with Reactive Layers Coating Technology
- ▶ Nutrient release not affected by moisture.
- ▶ Reduced leaching and volatilization of Nitrogen
- ▶ Added seaweed and organic potassium for improved microbial activity and root development
- ▶ Calcium and Magnesium for improved disease tolerance

TOTAL NITROGEN %	AMMONIACAL	UREIC	COATED N %	COATED K %	SUGGESTED USE PERIOD											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
25	2.0	2.2	83 (20.8)	42 (7.4)												
18	5.7	4.0	46 (8.3)	50 (9.0)												
15	4.6	2.0	56 (8.4)	50 (12.5)												
0				100 (45)												



22	4.6	2.4	68 (15.0)													
14	1.5	2.7	70 (9.8)													



Premier HG Range

Slow release – Methylene Urea mini-granular fertilizers

WHY PREMIER HG FERTILIZERS

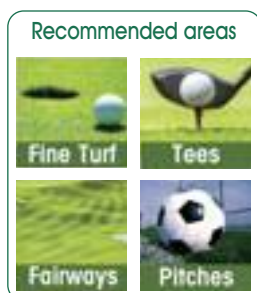
- › Multi-phased nutrient release pattern to provide consistent availability
- › Contains long lasting Nitrogen and Potassium for optimum nutrition availability
- › Comprehensive trace element package
- › Homogenous mini-granules for even distribution
- › Major nutrients released for up to 6 months
- › Flexible application rate



Controlled Release Nitrogen Premier-HG fertilizers not only contain conventional release Nitrogen to give an initial response, but also slow release Nitrogen in the form of patented Methylene Urea.

This Methylene Urea (MU) promotes strong root growth and a balanced, healthier sward development. It also encourages microbial activity in the soil improving the natural fertility, increasing and sustaining the population of beneficial organisms because it is a source of organic Carbon and Nitrogen. The MU also has a low salt index, meaning a very low scorch potential.

Slow Release Potassium As well as containing Potassium that provides a rapid availability, some is also complexed with Carbon to provide a slow release form, as well as having a bio-stimulation effect due to the organic component.



Product selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
22-3-15 +TE	A balanced NPK fertilizer. Ideal as a base feed, and for sandy rootzones	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 20-24 WEEKS	55.0 77.0	7.5 10.5	37.5 52.5
18-3-18 +TE	A 6:1:6 ratio NPK fertilizer. Will stimulate root growth, especially after aeration	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 16-20 WEEKS	45.0 63.0	7.5 10.5	45.0 63.0
12-3-24 +2.5MgO+TE	Ideal to apply prior to drought stress conditions. Added Mg enhances colour. Organic K content	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 16-20 WEEKS	30.0 42.0	7.5 10.5	60.0 84.0
3-3-32 +TE	High organic K content, for slow release and increased microbial and root development	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 10-12 WEEKS	7.5 10.5	7.5 10.5	80.0 112.0



In Premier-HG there is a free Urea fraction but in addition three fractions of Methylene Urea with differing chain lengths:

Urea fraction - very soluble and available to the turf in a matter of days.

Fraction 1 – CWSN (cold water soluble Nitrogen) containing un-reacted Urea and short chain Methylene Urea polymers, with the Nitrogen being available over a period of weeks.


Fraction 2 – HWSN (hot water soluble Nitrogen) consisting of medium chain length polymers released more slowly over 2-3 months.

Fraction 3 – HWIN (hot water insoluble Nitrogen) containing longer chain polymers where the Nitrogen is released over 4-6 months or even longer depending on temperature and microbial activity.



The comprehensive trace element package contains

Iron	Improves disease tolerance
Manganese	Stimulates chlorophyll synthesis
Zinc	Enhances root development and seed establishment.
Copper	Improves cell structure
Boron	Promotes translocation of carbohydrates
Molybdenum	Converts nitrates into amino acids

TOTAL NITROGEN %	AMMONIACAL	UREIC	COLD START 	METH-UREA	TRACE ELEMENT PACKAGE	SUGGESTED USE PERIOD											
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
22	4.0	1.7		16.3	✓												
18	5.5	4.6		7.9	✓												
12	6.2	1.8		4.0	✓												
3	1.7		1.3		✓												



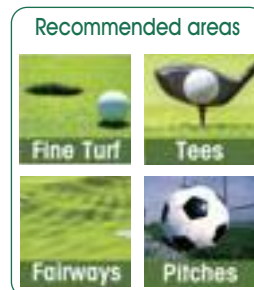
FERTILIZERS

Convert Gold Range

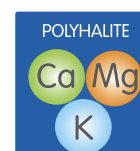
Slow release – coated mini-granular fertilizers

WHY CONVERT GOLD FERTILIZERS

- › Advanced dual coating with hybrid release mechanism
- › Optional release pattern
- › Safe to soil life
- › Release synchronized with turf requirements
- › Fully degradable coating
- › Reduces leaching and volatilization
- › Release not influenced by pH, microbial activity or excessive rain/irrigation



Product selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha

CONVERT GOLD⁶⁶

22-3-10 +4MgO +3.5CaO	Triple N source, improves cell formation and chlorophyll production	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	55.0 77.0	7.5 10.5	25.0 35.0
12-0-29 +2MgO +3.5CaO	Organic K and seaweed for improved microbial activity and root development	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	30.0 42.0	0 0	72.5 101.5

CONVERT GOLD⁴⁰

21-5-11 +2.5CaO	4-1-2 ratio for balanced growth	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	52.5 63.5	12.5 17.5	27.5 38.5
16-4-13 +1.8MgO +4.5CaO	Mg & Ca for reduced disease stress	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	40.0 56.0	10.0 14.0	32.5 45.5



ConVert

Water passes through the organic based polymer coating and solubilizes the Urea



Nutrient release over 8-12 weeks by osmosis.
Release is influenced by temperature only.



ConVert Gold offers turf professionals two options of controlled release pattern.

ConVert Gold 66 Reduces mowing frequency due to higher slow release content. Two thirds of total nitrogen content offers hybrid release. This is ideal for areas where a gradual growth pattern is required for 2-3 months, especially on high sand content rootzones.

ConVert Gold 40 offers more of an initial response as 40% of the total nitrogen content has a hybrid slow release mechanism. It is ideal for areas that need a more up front release, whilst retaining a 2-3 month release pattern.

TOTAL NITROGEN %	AMMONIACAL	UREIC	COATED N %	POLYHALITE	SUGGESTED USE PERIOD											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
22	5.25	2.25	66 (14.50)	✓												
12	1.5	2.6	66 (7.9)	✓												
21	7.6	5.0	40 (8.4)													
16	6.7	2.9	40 (6.4)	✓												



Convert Range

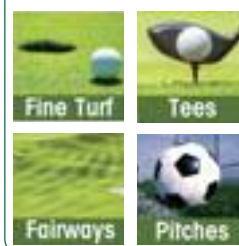
Slow release – coated mini-granular fertilizers

WHY CONVERT FERTILIZERS

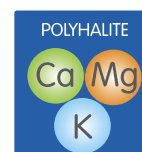
- Advanced Dual-Coating with hybrid release mechanism
- More consistent results based on hybrid release mechanisms
- Contains Polyhalite with slow release, organic, K, Mg and Ca
- Naturally occurring nutrients encourage microbial activity
- High calcium improves disease resistance and plant vigour
- High Magnesium improves chlorophyll production and enhanced colour
- Mini-granule 1.0-2.5mm

This formulation is a blend of two granules, one a coated nitrogen granule, the other a compound granule containing both conventional and slow release nutrients. This combination produces an immediate release, followed by 8-12 weeks of slow and controlled release of all nutrients.

Recommended areas



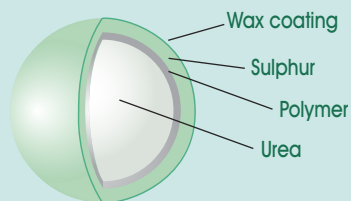
Product selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
41-0-0	100% controlled release N for consistent growth	1.0-2.5	20	20 35	1000 571	NUTRIENT RELEASE FOR 8-12 WEEKS	82.0 143.5	0 0	0 0
21-5-6 +2MgO+4CaO	An NPK fertilizer with good initial response and excellent longevity. Provides good colour and all-round plant health	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	52.5 73.5	12.5 17.5	15.0 21.0
20-0-7 +3MgO+4CaO	Zero Phosphate analysis. Stimulates microbial activity and enhanced colour	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	50.0 70.0	0 0	17.5 24.5
15-5-15 +2MgO+4CaO	A balanced NK fertilizer with P for improved root development. Ideal following overseeding	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	37.5 52.5	12.5 17.5	37.5 52.5
12-5-20 +2MgO+4CaO	High K fertilizer for improved stress resistance and plant durability during autumn and winter period	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	30.0 42.0	12.5 17.5	50.0 70.0



A new generation of polymer-coated, Sulphur-coated urea fertilizer with a polymer layer inside the protective surface layer. This has many benefits as compared to lesser PCSCU's which have a polymer or conditioner on the outside of the Sulphur.

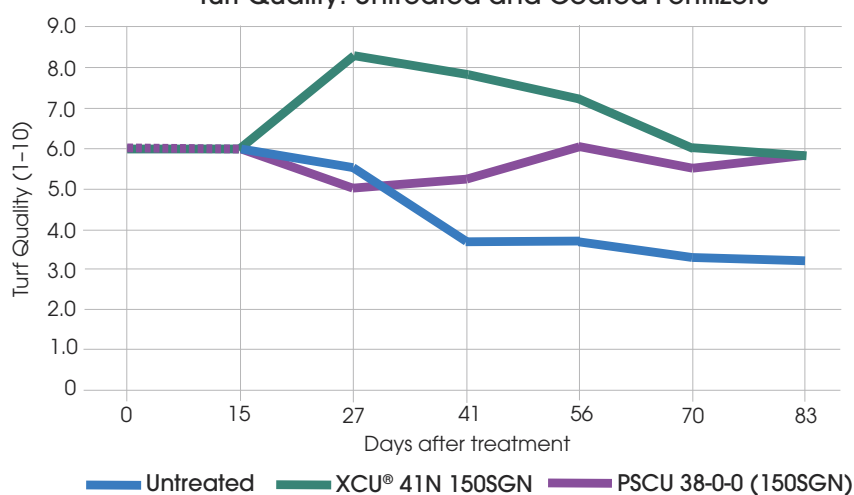


The outer Sulphur and wax layers work together to protect the inner polymer coating during the various stages of processing. Once the outer Sulphur and wax layers absorb moisture, the inside polymer layer

delivers a consistent nutrient release at a time required by the plant. Other PCSCUs often suffer from nutrient "lock-off" in which the Sulphur coating is too thick to allow Nitrogen to release in the expected time frame.



Turf Quality: Untreated and Coated Fertilizers



"Application of XCU resulted in significantly greater turf quality compared to the PCSCU product. Improved turf quality was observed between 27-65 days after application"

Dr Christian Spring



TOTAL NITROGEN %	AMMONIACAL	UREIC	COATED N %	POLYHALITE	SUGGESTED USE PERIOD											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
41			100 (41)													
21	9.3	6.45	25 (5.25)	✓												
20	10.0	5.0	25 (5.0)	✓												
15	7.8	3.45	25 (3.75)	✓												
12	6.8	2.2	25 (3.0)	✓												



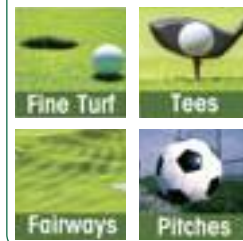
Microfine Range

Slow release – Methylene Urea, mini-granular fertilizers

WHY MICROFINE FERTILIZERS

- › Patented Methylene Urea increases and sustains beneficial organism populations due to the organic Carbon and Nitrogen
- › Low Sulphur analyses
- › Slow and conventional release forms of Nitrogen
- › Nitrogen released in sync with plant needs
- › No excessive growth even after rain

Recommended areas



Product selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
18-3.5-8 +1MgO+TE +Seaweed	Balanced NPK with seaweed, with extended 4-phase release	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 12-16 WEEKS	45.0 63.0	8.8 12.3	20.0 28.0
NDura 16-12-8 +TE +Zn +Seaweed	Slow release, organic based for improved germination. Excellent pre-seed fertilizer	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	40.0 56.0	30.0 42.0	20.0 28.0
16-0-16 +2Fe+Zn	Balanced NK fertilizer, combining nitric source of N to use in cooler conditions. A true early-start fertilizer	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	40.0 56.0	0 0	40.0 56.0
13-0-26 +1Fe +Seaweed	Double K for plant health. Aids root development. Low Sulphur.	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 12-16 WEEKS	32.5 45.5	0 0	65.0 78.0
8-0-6 +3.3%MgO +4%Fe	LOW SULPHUR FORMULATION, with organic N	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	20.0 28.0	0 0	15.0 21.0

Microfine Proven Technology


Sustained performance is achieved from an initial nutrient release response followed by a consistent balanced release for up to 12 weeks.

Methylene Urea release is triggered by temperature and microbial activity, thereby matching the demands of the plant at the time and growth stage required. It promotes strong root growth, and a balanced, healthier sward with a very low salt index that reduces the potential for scorch.



Sulphur is an important nutrient for plant health, but constant applications of high S formulations can lower soil pH below the required levels. High S formulations can also exacerbate Black Layer formation (in conjunction with anaerobic conditions), producing Hydrogen Sulphide gas, which smells of rotten eggs, and is toxic to plant roots.



TOTAL NITROGEN %	AMMONIACAL	UREIC	ORGANIC	COLD START 	METH-UREA	SUGGESTED USE PERIOD											
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
18	10.4	3.6															
16	4.5	3.5			8.0												
16	8.6	2.8		0.7	3.9												
13	2.6	3.9			6.5												
8	3.7	3.3	0.4		0.6												



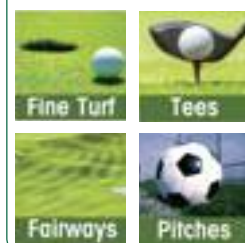
Microlite Activ8 Range

Conventional release – super micro-granular fertilizers

WHY MICROLITE ACTIV8 FERTILIZERS

- › The pinnacle of granule uniformity
- › Employs Activate ERD and XL biostimulant technology
- › Contains Zeolite for nutrient retention and release
- › Provides a 6-8 week release pattern

Recommended areas



Product selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
14-2-10 +3.3MgO	Spring & summer analysis with Magnesium to give a balanced nutrient package	1.0-1.5	20	20 35	1000 571	NUTRIENT RELEASE FOR 6-8 WEEKS	28.0 49.0	4.0 7.0	20.0 35.0
12-0-12 +5MgO+2Fe	A spring and summer fertilizer with Magnesium and Iron that will give excellent colour	1.0-1.5	20	20 35	1000 571	NUTRIENT RELEASE FOR 6-8 WEEKS	24.0 42.0	0 0	24.0 42.0
8-0-16 +3.3MgO +4Fe	A 1:2 ratio NK fertilizer with added Iron and Magnesium for excellent colour	1.0-1.5	20	20 35	1000 571	NUTRIENT RELEASE FOR 6-8 WEEKS	16.0 28.0	0 0	32.0 56.0
6-0-24 +2Fe	Has Humic Acid to improve root length and soil structure. Used especially in autumn, winter and spring	1.0-1.5	20	20 35	1000 571	NUTRIENT RELEASE FOR 6-8 WEEKS	12.0 21.0	0 0	48.0 84.0
12-2-12 +5MgO +5CaO	Balanced NPK fertilizer with MgO and CaO for plant health	1.0-1.5	20	20 35	1000 571	NUTRIENT RELEASE FOR 6-8 WEEKS	24.0 42.0	4.0 7.0	24.0 42.0

High performing super micro-granule for quality turf nutrition

As fully compounded granules, each contains all the nutrients and elements of the analysis. Its high uniformity index provides excellent flowability, exceptional accuracy and a wide range of application rates. The granule is extremely robust but breaks down very rapidly following application.

A complete trace element package with fully chelated micro-nutrients provides maximum plant uptake in both ERD and XL. A soil penetrant is also included to ensure all essential ingredients are transported to the rootzone for maximum uptake.



Activate technology

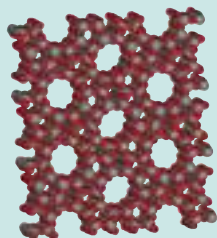
Activate ERD contains humic acid that improves root depth by more than 30%, root mass by 20% and enhanced nutrient retention. ERD will also increase plant health, seed germination and establishment.

Activate XL contains simple sugars that increase microbial activity and summer stress tolerance. The carbohydrates content provides an immediate energy source to give a healthier, stronger sward. A cellulytic enzyme aids the reduction of thatch.

The plant growth hormones contained in **Activate XL** are cold water extracted and, together with the betaines, give the plant added vigour as well as extra root growth.



RT Technical



Zeolite

Clinoptilolite (Zeolite) is a naturally occurring mineral incorporated in the Microlite range. It has a natural affinity to Nitrogen and Potassium and these nutrients are absorbed into the Clinoptilolite grid and then released as and when demanded by the plant. Clinoptilolite will also hold up to 55% of it's weight in moisture, which is released as the plant demands.

TOTAL NITROGEN %	AMMONIACAL	UREIC	MU	ZEOLITE	TECHNOLOGY	SUGGESTED USE PERIOD											
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14	12.6	1.4		✓													
12	10.4	1.6		✓													
8	6.2	1.8		✓													
6	5.1	0.9		✓													
12	8.1	2.3	1.6	✓													



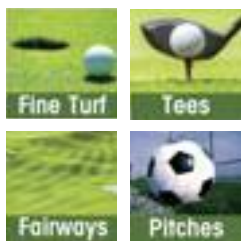
12-0-12 Microlite Activ8:
Superb uniformity of granule size will provide consistent nutrient release



Microlite TE-Bag

Conventional release – super micro-granular fertilizers

Recommended areas




WHY MICROLITE TE-BAG FERTILIZER

- › Improves the efficiency of micro-and macro-nutrients
- › High Magnesium content ensures optimised chlorophyll production
- › Unique Trace Element Package
- › Prevent deficiencies in sand based rootzones

TE-Bag is a concentrated formulation of essential micro nutrients in a super micro-granule. Having the correct levels of micro nutrients is pivotal for the uptake of macro nutrients and therefore plant health, especially in sand based constructions prone to leaching.



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
Microlite TE-Bag	Prevent deficiencies by maintaining trace element levels. Contains high Magnesium and Iron for health and colour	1.0-1.5	20	10 15	2000 1333		0 0	0 0	0 0



Magnesium	Major element in chlorophyll production, so essential for UV light uptake and colour
Iron	Improved disease tolerance and colour
Manganese	Improved chlorophyll synthesis, and Take – All Patch resistance
Zinc	Improved root development and seed establishment.
Copper	Improved cell structure and disease resistance
Boron	Improved translocation of carbohydrates
Molybdenum	Converts nitrates into Amino Acids



TOTAL NITROGEN %	TRACE ELEMENT PACKAGE							SUGGESTED USE PERIOD											
	MgO %	Fe %	Mn %	Zn %	Cu %	B %	Mo %	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	19.8	8.0	3.0	1.0	0.5	0.1	0.1												



*L to R: Phil Dewhurst, Rigby Taylor Regional Sales Director;
Gareth Thomas, Staffordshire FA Partnerships & Communication;
Glen Howard Rigby Taylor's Area Technical Manager*

“ Rigby Taylor have supported many grassroots football clubs across Staffordshire with products such as grass seed, fertilizer, chemicals, and line marking products and paints. The Association has enjoyed a healthy working relationship with the company for several years now, and the evolution of a formal partnership between the two organisation's, is an important development in the Staffordshire FA grass pitch improvement strategy. ”

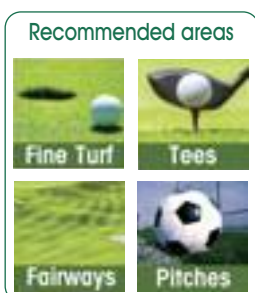
Gareth Thomas
FA Partnership & Communications Officer
Staffordshire FA



FERTILIZERS

Apex Organic Range

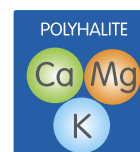
Conventional and slow release-mineral/organic and organic mini-granular fertilizers



Now includes high organic, low salt index analyses, rich in humic acid that offer enhanced disease resistance, improved root mass and slow, sustained growth. The homogenous, mini-granule formulations provide flexible, accurate and uniform application of all nutrients.



Product selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
15-3-9 +2Fe+4CaO+MgO+6S +5% Humic Acid	62% slow release N. Enhanced colour and cell wall formation	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 8-12 WEEKS	37.5 52.5	7.5 10.5	22.5 31.5
10-2-10 +2Fe+4CaO+MgO +6% Humic Acid	81% slow release N. Balanced N-K formulation	1.0-2.0	20	25 40	800 500	NUTRIENT RELEASE FOR 8-12 WEEKS	25.0 40.0	5.0 8.0	25.0 40.0
10-1-4 +4CaO+MgO +6% Humic Acid	25% organic N. and 100% organic K. Stimulates early root development	1.0-2.0	20	25 40	800 500	NUTRIENT RELEASE FOR 6-8 WEEKS	25.0 40.0	2.5 4.0	10.0 16.0
OC1 8-0-0 +2Fe	62% organic. Nitrogen only, with added Iron for colour	1.0-2.5	20	25 70	800 285	NUTRIENT RELEASE FOR 8-12 WEEKS	20.0 56.0	0 0	0 0
8-0-0 +2Fe	A Nitrogen only fertilizer with 25% active organic content providing a slow growth pattern. Iron is added for extra colour	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	20.0 28.0	0 0	0 0
5-3-4 +5MgO+2Fe	Can be used all year round. Contains 30% active organic content. Ideal for application after overseeding and aeration	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	12.5 17.5	7.5 10.5	10.0 14.0
OC2 5-2-10 +wetting agent	100% organic. Ideal for autumn renovation	1.0-2.5	20	25 70	800 285	NUTRIENT RELEASE FOR 8-12 WEEKS	12.5 35.0	5.0 14.0	25.0 70.0
5-2-4 + 2Fe+7CaO+0.7MgO +9% Humic Acid	70% organic N. Improves disease resistance and root development	1.0-2.0	20	25 40	800 500	NUTRIENT RELEASE FOR 6-8 WEEKS	12.5 20.0	5.0 8.0	10.0 16.0
4-6-4 +7CaO+0.7MgO +11% Humic Acid	75% organic N and 100% organic K. Ideal for renovation, improves germination and health	1.0-2.0	20	25 40	800 500	NUTRIENT RELEASE FOR 6-8 WEEKS	10.0 16.0	15.0 24.0	10.0 16.0
4-0-8 +3.3MgO+4Fe	Seaweed content enhances root growth and shoot density. Iron hardens the turf and Magnesium provides excellent colour	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	10.0 14.0	0 0	20.0 28.0

WHY APEX ORGANIC FERTILIZERS

- › A naturally based range, with up to 100% organic content
- › Added Humic Acid with unparalleled richness
- › Contains Polyhalite – an organic source of K, Ca, Mg
- › Has several sources of organic N & K
- › Enhanced microbial activity
- › Low salt analyses
- › Improves Cation Exchange Capacity



High organic fertilizers provide essential trace elements, micronutrients and primary biostimulant sources.

Rich Humates

The most powerful stimulant of beneficial fungi known. They can deactivate enzymes produced by pathogens that could compromise the plants immune system.

Polyhalite

Provides slowly released Potassium compared to other sources giving greater longevity. Magnesium aids chlorophyll production and improved photosynthesis and the Calcium strengthens plant cell walls, less susceptible to turf diseases.

Lignite

Used to improve Cation Exchange Capacity (CEC), Lignite reduces leaching and improves fertilizer efficiency. In conjunction with Potassium, it also provides an excellent source of Humic Acid that encourages root development and stimulates soil microbial activity.

TOTAL NITROGEN %	AMMONIACAL	UREIC	MU/ DIDIN	ORGANIC	HUMATE RICH	POLYHALITE	SUGGESTED USE PERIOD											
							JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
15	3.0	2.7	7.0/1.7	0.6	✓													
10	1.1	0.8	6.5	1.6	✓													
10	6.5	1.0		2.5	✓													
8	2.0	1.0		5.0														
8	6.7	0.9		0.4		✓												
5	3.7	0.9		0.4		✓												
5				5.0														
5	1.3	0.2	0.8	2.7	✓													
4		1.0		3.0	✓													
4	2.7	0.9		0.4														



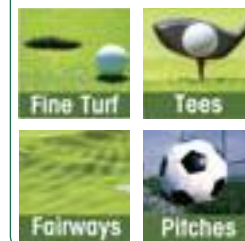
Fine Turf Range

Conventional release – mini-granular fertilizers

WHY FINE TURF FERTILIZERS

- › 1-2.5mm granule size
- › Analyses for all seasons
- › Some analyses with nitric source of Nitrogen for cooler conditions

Recommended areas




Product selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
SS2 14-2-7 +1.6MgO	3 sources of N, one is organic. Low S for anaerobic conditions. 15% active organic content	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	35.0 49.0	5.0 7.0	17.5 24.5
SS6 12-0-9 +1.6MgO+1Fe	Zero P, 4 sources of N, two are organic to encourage microbial activity. Contains seaweed	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	30.0 42.0	0 0	22.5 31.5
Cold Start Boost-R 11-5-5 +8Fe+7CaO +0.8MgO	True cold start with Nitrate. Contains Zeolite with high Fe and MgO for colour boost.	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	27.5 38.5	12.5 17.5	12.5 17.5
Cold Start 10-2-20 +1.6MgO	High K containing an N source for phased release in cooler conditions. Ideal for pitches and outfield	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	25.0 35.0	5.0 7.0	50.0 70.0
Summer Green 9-0-0 +11Fe	2 sources of N for a balanced response. High Iron enhances colour and hardens sward	1.0-2.5	20	25 30	800 666	NUTRIENT RELEASE FOR 6-8 WEEKS	22.5 27.0	0 0	0 0
Cold Start 6-0-18 +3.3MgO+2Fe	Fertilizer with a 1:3 ratio to help with Potassium deficiency. Ideal for use in cooler conditions	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	15.0 21.0	0 0	45.0 63.0
P Fix 3-10-5	High Phosphate levels will correct any deficiency and enhance new seedling establishment	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	7.5 10.5	25.0 35.0	12.5 17.5
Turf Hardener 3-0-3 +1.6MgO+4Fe	3 sources of N, including organic for phased release. Includes Iron Pyrites for greater longevity of colour	1.0-2.5	20	25 70	800 285	NUTRIENT RELEASE FOR 6-8 WEEKS	7.5 21.0	0 0	7.5 21.0
RT Lawn Sand 4-0-0 +14.1 FeSO ₄	Micronised, extra Fe. For growth stimulation, excellent moss control and improved colour. MAPP 17031	Micronised	20	40 80	500 250	NUTRIENT RELEASE FOR 6-8 WEEKS	15.0 30.0	0 0	0 0
GreenForce 10-4-2 +16.2 FeSO ₄ + select. herbicide	Feed, weed & mosskiller with dicamba and mecoprop-P. Early spring late summer. MAPP 16369	1.0-2.5	15	20	750	NUTRIENT RELEASE FOR 6-8 WEEKS	20.0	4.0	8.0

Fine Turf products are ideal for turf managers who prefer conventional fertilizers which give precise control over nutrient inputs during the growing season and achieve a rapid green-up. The homogenous evenly-sized granules ensure maximum coverage and a quick dependable release of nutrients, even under cool soil temperatures.

Several products in the Fine Turf range contain organic nutrient which complexes with the mineral elements to give a more gradual release of nutrients.

TOTAL NITROGEN %	AMMONIACAL	UREIC	ORGANIC	COLD START 	SUGGESTED USE PERIOD											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14	6.8	6.9	0.3													
12	10.5	1.1	0.4													
11	5.0	4.0		2.0												
10	7.3			2.7												
9	7.6	1.4														
6	3.3			2.7												
3	3.0															
3	1.4	1.4	0.2													
4	4.0															
10	✓	✓														



FERTILIZERS

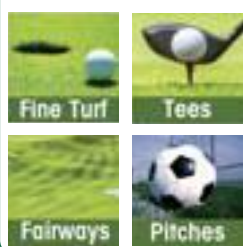
Fine Turf BiO Range

Conventional release – mini-granular fertilizers

WHY FINE TURF BiO FERTILIZERS

- › 1-2.5mm granule size
- › Humic acid improves cell permeability, meaning greater intake of nutrients
- › Stimulant for mycorrhizal fungi
- › Full seaweed application
- › Improved root mass and length, giving greater fertilizer longevity

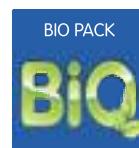
Recommended areas



Fine Turf BiO is a new range of fertilizers formulated to give the professional turf manager another option when choosing a conventional release fertilizer. The analyses have been enhanced by the addition of a "BiO Pack".



Product selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
Zero P 14-0-7 +1Fe+1.6MgO +5CaO	N & K zero Phosphate with 3 sources of Nitrogen, including organic. 10% active organic content	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	35.0 49.0	0 0	17.5 24.5
SS Base 11-5-5 +6CaO	NPK fertilizer with no organic content. Ideal for use after overseeding	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	27.5 38.5	12.5 17.5	12.5 17.5
Dual K 6-0-12 +2Fe+3.3MgO +8CaO	Low analysis, perfect all-year-round feed for fine turf with 15% organic nutrient	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	15.0 21.0	0 0	30.0 42.0
AW Boost 5-5-10 +4Fe+2.4MgO +8CaO	Low Nitrogen formulation with added P & K. There are 3 sources of Nitrogen, including organic, to give a phased release pattern	1.0-2.5	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	12.5 17.5	12.5 17.5	25.0 35.0
Autumn Green BiO 3-0-12 +8Fe+2.4MgO +6CaO	Improved disease tolerance, root development and carbohydrate storage. Dual Iron source for over 3 months colour. Contains Zeolite	1.0-2.0	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	7.5 10.5	0 0	30.0 42.0



THE **BiO** PACK

The **BiO pack** contains a bio-catalyst that acts as a stimulant for plant enzymes. Cell division is accelerated stimulating higher biomass production and increasing the development of root systems. The **BiO pack** also ensures both the plant and soil benefit from a concentrated dose of vitamins, trace elements and essential nutrients. As well as being an excellent soil conditioner, the **BiO pack** also has the ability to reduce high salt content in soils.

The **BiO pack** contains a full seaweed application and extra humates. The seaweed delivers a full trace elements package improving the uptake of nutrients and the added humates encourage more root development; both mass and length.

Additional benefits include, enhanced nutrient retention and usage, stress reduction by preventing enzymes, produced by disease organisms, from entering the plant and improved soil health and structure. Lock-up of phosphates are also reduced, therefore ensuring the plant utilizes available nutrients.

TOTAL NITROGEN %	AMMONIACAL	UREIC	ORGANIC	SUGGESTED USE PERIOD											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
14	11.3	2.5	0.2												
11	10.8		0.2												
6	4.9	0.9	0.2												
5	3.2	1.6	0.2												
3	3.0														

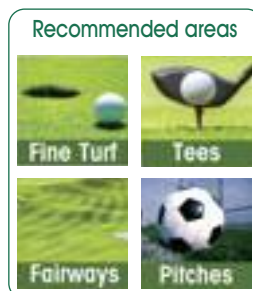


Delta Sport Range

Conventional and slow release – super-maxi granular fertilizers

WHY DELTA SPORT FERTILIZERS

- › New, smaller granule offering more flexible application rate
- › Organic mineral complex offers a modified release of N and K and even growth pattern
- › Homogenous granule provides an even distribution of nutrients
- › Improved microbial activity
- › Improved granular spectrum compared to traditional outfield fertilizers
- › Carbon in organic material helps stimulate soil microbes



Delta Sport is a high quality range of organic based fertilisers that are ideal for golf tees, surrounds and fairways, tennis courts and all outfield areas.

To obtain improved performance all formulations of the Delta Sport range contain organic material. The chicken litter not only offers Nitrogen, Phosphorus and Potassium from an organic source, but also complexes with the mineral elements in the fertilizer resulting in a modified release of nutrients.



Product selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
15-2-12 +0.5%Fe	A Nitrogen, Phosphate and Potassium fertilizer containing Methylene Urea for controlled release, and Iron for extra colour	1.0-3.0	20	25 35	800 571	NUTRIENT RELEASE FOR 10-12 WEEKS	37.5 52.5	5.0 7.0	30.0 42.0
12-4-8 +0.5%Fe	A Nitrogen, Phosphate and Potassium fertilizer with a 3:1:2 ratio for balanced nutrition. Added Iron gives improved colour	1.0-3.0	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	30.0 42.0	10.0 14.0	20.0 28.0
8-6-6 +0.5%Fe	Balanced NPK maintains steady growth. Ideal for use during spring, summer, early autumn, especially after overseeding	1.0-3.0	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	20.0 28.0	15.0 21.0	15.0 21.0
6-3-9 +0.5%Fe	An NPK fertilizer with lower amounts of nutrition to maintain minimal growth. Ideal for landscaping projects	1.0-3.0	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	15.0 21.0	7.5 10.5	22.5 31.5



When Delta Sport and Delta Sport Mini fertilizers are produced, composted chicken litter is formulated with N, P and K from mineral sources. This enables a homogeneous granule to be produced, with each fertilizer granule containing a significant organic content as

well as ensuring an even distribution of nutrition. The organic source of nutrients derived from chicken litter will encourage microbial activity within the rootzone due to the Carbon content. The organic content means this range is ideal to apply after seeding.

The organic base also provides small amounts of micro-nutrients including Boron, Copper, Magnesium, Manganese, Iron and Zinc, all of which are essential for healthy plant growth, especially root development.



TOTAL NITROGEN %	AMMONIACAL	UREIC	ORGANIC	METH-UREA	SUGGESTED USE PERIOD											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
15	8.7	2.1	0.3	3.9												
12	10.2	1.5	0.3													
8	6.7	0.9	0.4													
6	5.6		0.4													



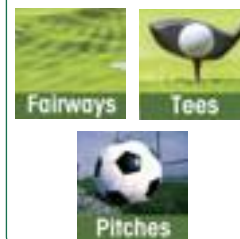
Outfield Range

Conventional release – maxi granular fertilizers

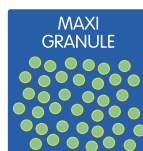
WHY OUTFIELD FERTILIZERS

- » Granular fertilizers that release nutrients over a 6-8 week period
- » Dependable and consistent performance
- » Improved uniformity and accuracy of application
- » Advanced granule size spectrum compared to traditional outfield fertilizers
- » BiO range contains seaweed and humates

Recommended areas



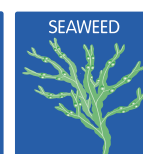
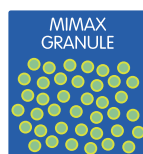
Outfield selector



PRODUCT	NOTES	GRANULE SIZE mm	PACK SIZE kg	APPLICATION RATE g/m ²	PACK COVERAGE m ²	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
S/S Outfield 16-6-6	Provides a balanced feed and quick green-up for when turf has been heavily used or is very low in nutrition	2.0-4.5	20	30 35	667 571	NUTRIENT RELEASE FOR 6-8 WEEKS	48.0 56.0	18.0 21.0	18.0 21.0
S/S Fairway 12-4-4	A well balanced NPK fertilizer, with a 3:1:1 ratio, ideal in maintaining balanced growth and plant health	2.0-4.5	20	30 35	667 571	NUTRIENT RELEASE FOR 6-8 WEEKS	36.0 42.0	12.0 14.0	12.0 14.0
S/S Outfield 9-5-5	Provides a quick green-up and a steady balanced feed, lasting several weeks	2.0-4.5	20	30 35	667 571	NUTRIENT RELEASE FOR 6-8 WEEKS	27.0 31.5	15.0 17.5	15.0 17.5
Pre-seed 8-12-8	A pre-seeding or pre-turfing fertilizer with a traditional 1/1.5/1 ratio promoting earlier grass coverage and faster rooting	2.0-4.5	20	30 35	667 571	NUTRIENT RELEASE FOR 6-8 WEEKS	24.0 28.0	36.0 42.0	24.0 28.0
A/W Outfield 4-10-10	High P & K levels promote healthy root development. Primarily for autumn use but can be used any time of the year	2.0-4.5	20	30 35	667 571	NUTRIENT RELEASE FOR 6-8 WEEKS	12.0 14.0	30.0 35.0	30.0 35.0



Outfield BiO selector



Summer Boost 14-6-8 +2MgO +seaweed	NPK with added Mg and seaweed for improved colour and roots	1.0-3.0	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	35.0 49.0	15.0 21.0	20.0 28.0
Zero P 12-0-9 +0.5Fe +seaweed	NK fertilizer with Fe and seaweed for plant health	1.0-3.0	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	30.0 42.0	0 0	22.5 31.5
Pro-seed 8-12-8 +3MgO +Zn	Pre-seed with Mg and Zn for improved colour and germination	1.0-3.0	20	25 35	800 571	NUTRIENT RELEASE FOR 6-8 WEEKS	20.0 28.0	30.0 42.0	20.0 28.0

The **Outfield** range provides homogenous, traditional mineral formulations with high quality, easy to apply granules that give a dependable performance.

The highly soluble nutrient sources used in each product produce a good initial visual effect under a wide variety of environmental conditions, making them suitable for autumn/winter or spring/summer applications. Some formulations are ideal for pre-seeding.

Outfield BiO is a new range of organic based fertilizers containing macro- and micro-nutrients, seaweed and humates in a new homogenous Mimax granule. Seaweed improves drought resistance, and in conjunction with the humates, improves root mass and length.



TOTAL NITROGEN %	AMMONIACAL	UREIC	SUGGESTED USE PERIOD											
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
16	13.6	2.4												
12	12.0													
9	9.0													
8	8.0													
4	4.0													

14	11.7	2.3												
12	12.0													
8	8.0													



FERTILIZERS

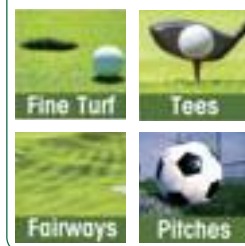
Microflow-CXS Range

Slow release liquid fertilizers

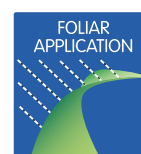
WHY MICROFLOW-CXS FERTILIZERS

- › Premium range of controlled or conventional release analyses
- › Analyses can be mixed to give the required release pattern
- › Conventional release is a “true foliar”
- › New high P analysis
- › Improved surfactant to maximise leaf and root uptake
- › Fully compatible with RT Speciality Range and Maintain NT

Recommended areas



Product selector



PRODUCT	NOTES	PACK SIZE SIZE litres	APPLICATION RATE l/ha	WATER VOLUME l/ha	PACK COVERAGE ha	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
26-0-0 +TE	30% of nitrogen from MU. Compatible with other analyses	20, 200, 700	20 120	400+	1.0 0.16	NUTRIENT RELEASE FOR 4-6 WEEKS	6.6 39.3	0 0	0 0
17-2-5 +TE	True foliar NPK, with increased plant sugars for improved longevity. Contains MU.	20, 200, 700	20 120	400+	1.0 0.16	NUTRIENT RELEASE FOR 4-6 WEEKS	4.2 25.1	0.5 3.0	1.2 7.4
14-0-7 +TE	True foliar zero P analysis, with increased plant sugars. Contains MU.	20, 200, 700	20 120	400+	1.0 0.16	NUTRIENT RELEASE FOR 4-6 WEEKS	3.5 20.7	0 0	1.7 10.2
4-3-16 +Fe+TE	True foliar year round foliar NPK, with Iron for colour and plant sugars.	20, 200, 700	20 120	400+	1.0 0.16	NUTRIENT RELEASE FOR 4-6 WEEKS	1.1 6.4	0.8 4.8	4.2 25.4

Methylene Ureas

Long chain molecules are used, which requires microbial action to breakdown, and has minimum scorch risk.

Plant Sugars

The plant sugar content has been increased to give greater longevity from a true foliar fertilizer. These provide an energy source for the mycorrhizae and rhizosphere bacteria, providing the plant with nitrate and phosphate.

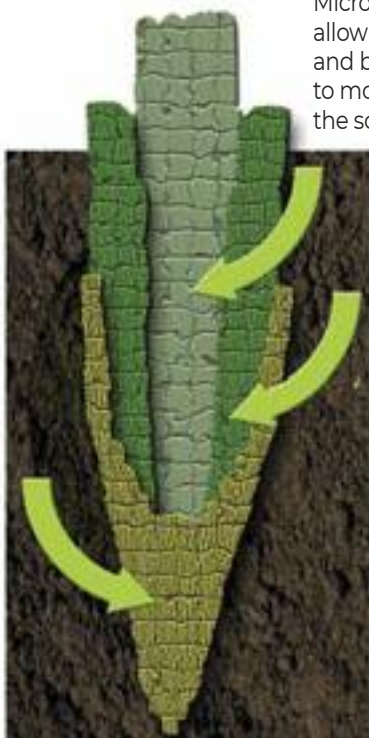
Trace Elements

These include, Molybdenum, Boron, Zinc, Manganese, Copper and Iron, to improve plant hardiness, root development and the uptake of macro nutrients.



Advanced penetrants in Microflow-CXS allow the nutrients and biostimulants to move through the soil profile

Microflow-CXS is then quickly taken up by the plant roots



TOTAL NITROGEN %	AMMONIACAL	UREIC	NITRIC	METH-UREA	PLANT SUGARS	SUGGESTED USE PERIOD											
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
26		18.2	9.0	0.9													
17	0.6	15.5		0.9	✓												
14		13.3		0.7	✓												
4	0.8	3.3	0.7		✓												
4	✓	✓			✓												



RT Technical

Humates

Humates in Microflow-CXS are derived from Leonardite, a very bioactive form of Humic Acid. This is a highly compressed, natural organic humus that has been further decomposed by microbial organisms. It provides many benefits resulting in improved plant health and growth.



Nutri-Link

Plant health solutions

The system that provides a synergistic approach to turf nutrition and plant health. Comprises of several formulations designed to supplement granular nutritional programmes, or used as a stand-alone nutrient input package. Nutri-Link assists the plant in maintaining and enhancing plant health and withstand both biotic and abiotic stresses on all turf surfaces.

WHY NUTRI-LINK

- › Enhanced root mass and depth
- › Increased tillering and denser sward
- › Improved disease tolerance
- › Improved cell wall structure
- › Rapid recovery from wear and mechanical damage
- › Enhanced colour
- › Improved germination and establishment
- › Reduced salt toxicity
- › Enhanced Carbon sequestration
- › Compatible with Maintain NT (Kopis compatible with Nutri-Link Green)



12-0-0 +1Fe +6CaO +seaweed

Nutri-Link Base

Unique formulation that enhances turf metabolic functions. Oligosaccharides ensure that Carbon and Nitrogen assimilation and cell wall formation are increased improving defence against pathogens and growth. Dew formation is reduced in the first 24 hours. Compatible with other Nutri-Link products.

Pack Size: 20lt, 200lt, 800lt

Application Rate: 10-40lt/ha

Water Volume: Minimum 400lt/ha (500lt when mixed with one or two other products)

Input (kg/ha): N: 1.56-6.24

Total N: 12

N Sources: Ammoniacal 1.0 Ureic 8.0 Nitric 3.0

Suggested Use Period: All year



10-2-7+Te

Nutri-Link Leaf

A balanced NPK formulation with essential trace elements, which provides a complete nutritional package. Contains enzyme activators that assist in the production of essential growth hormones, promoting leaf strength and sward density. Compatible with other Nutri-Link products.

Pack Size: 20lt, 200lt, 800lt

Application Rate: 10-50lt/ha

Water Volume: Minimum 400lt/ha (500lt when mixed with one or two other products)

Input (kg/ha): N: 1.20-6.00 P: 0.24-1.20 K: 0.84-4.20

Total N: 10

N Sources: Ureic 10.0

Suggested Use Period: Mar-Oct



3-0-0 +2Fe +22% Seaweed +Amino-Acids

Nutri-Link Revive

A stress busting formulation containing *ascophyllum nodosum* and L-form amino acids which improves plant recovery and stimulates beneficial microbial activity. L-form amino acids improve nutrient absorption and abiotic stress resistance. A small amount of Nitrogen provides a quick perk-up. Compatible with other Nutri-Link products.

Pack Size: 10lt, 20lt, 200lt

Application Rate: 5-20lt/ha

Water Volume: Minimum 400lt/ha (500lt when mixed with one or two other products)

Input (kg/ha): N: 0.18-0.73

Total N: 3.0

N Sources: Ureic 3.0

Suggested Use Period: All year



5-0-0 +5Fe +carbohydrates

Nutri-Link Green

Formulated to give excellent presentation, and ensure nutrients and sugars are absorbed quickly through the leaf. Nutrients within the rootzone are more readily absorbed. Contains molasses to improve microbial stimulation. Aids disease resistance. Compatible with other Nutri-Link products.

Pack Size: 10lt, 20lt, 200lt

Application Rate: 5-20lt/ha

Water Volume: Minimum 400lt/ha (500lt when mixed with one or two other products)

Input (kg/ha): N: 0.30-1.18

Total N: 5.0

N Sources: Ureic 5.0

Suggested Use Period: All year



Humic Acid & Fulvic Acid

Nutri-Link Root

A formulation using complex organic polymers, designed to improve the formation and development of root systems. Improves nutrient and moisture availability, and the physical, chemical and biological characteristics of the rootzone. Carbon sequestration is enhanced. Compatible with other Nutri-Link products.

Pack Size: 10lt, 20lt, 200lt

Application Rate: 5-20lt/ha

Water Volume: Minimum 400lt/ha (500lt when mixed with one or two other products)

Suggested Use Period: Feb-Nov



0-0-7 +10% Silicon

Nutri-Link Stand

A Potassium and Silicon formulation, that provides a more resilient sward by strengthening cell walls and stabilizing lignin formation. Silicon is transported to epidermal cells within the leaf and stem leading to a more erect blade producing a cleaner cut and more uniform light distribution over the sward. NOT compatible with other Nutri-Link products.

Pack Size: 10lt, 20lt

Application Rate: 5-10lt/ha

Water Volume: Minimum 400lt/ha

Suggested Use Period: Feb-Nov

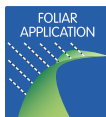


FERTILIZERS

Ecofeed

Liquid fertilizers

A range of liquid fertilizers ideally suited for large areas but can be used on all turf surfaces. Containing a full trace element package with Magnesium, Iron, Manganese, Zinc, Copper, Boron, Cobalt, Molybdenum and humic acid. Flexible application rates and compatible with many Rigby Taylor Specialities and Maintain NT PGR (Ecofeed 8-0-0+22.5S also compatible with Kopis PGR).



ecofeed

25-0-0 +TE

Three sources of Nitrogen

Pack sizes: 200lt, 800lt

Application rates: 20-100lt/ha

Water Volume: 400+ lt/ha

Longevity: 2-4 weeks (application rate dependent)

Nutrient Input (kg/ha): N: 6.25-31.25 P: 0 K: 0

Total Nitrogen %: 25 Ammoniacal 6.3 Ureic 12.50 Nitric 6.20

Suggested Use Period: Feb-Oct

ecofeed

10-0-10+Te

Balanced NK fertilizer

Pack sizes: 200lt, 800lt

Application rates: 20-100lt/ha

Water Volume: 400+ lt/ha

Longevity: 2-4 weeks (application rate dependent)

Nutrient Input (kg/ha): N: 2.4-12.0 K: 2.4-12.0

Total Nitrogen %: 10 Ureic 10.0

Suggested Use Period: Feb-Oct

ecofeed

12-4-6+Te

Balanced NPK fertilizer

Pack sizes: 200lt, 800lt

Application rates: 20-100lt/ha

Water Volume: 400+ lt/ha

Longevity: 2-4 weeks (application rate dependent)

Nutrient Input (kg/ha): N: 2.9-14.5 P: 0.9-4.8 K: 1.4-7.2

Total Nitrogen %: 12 Ammoniacal 1.3 Ureic 10.70

Suggested Use Period: Feb-Oct

ecofeed

8-0-0+22.5%S

100% Sulphate of Ammonia

Pack sizes: 20lt, 200lt, 800lt

Application rates: 20-100lt/ha

Water Volume: 400+ lt/ha

Longevity: 2-4 weeks (application rate dependent)

Nutrient Input (kg/ha): N: 1.9-9.5

Total Nitrogen %: 8 Ammoniacal 8.0

Suggested Use Period: Feb-Oct



Chris Marker (centre) and team

“ I use Rigby Taylor R9 dwarf rye on the tees and approaches, along with R25 which is 4 way rye with tetraploids at different times of the year. I have also used their Super Root rye, fescue mix on fairways and areas of semi rough with great success over the years. Overseeding is usually undertaken using R105. I'll be forever grateful to Rigby Taylor's Derek Cunliffe, who talked me through a course of action when I panicked about a disease infection on the course. This wasn't selling; it was helping a young man in the industry.”

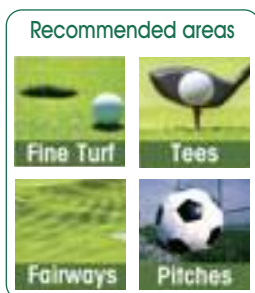


Chris Marker
Course Manager
Waterlooville Golf Club



Microsol Range

Conventional release soluble fertilizers



WHY MICROSOL FERTILIZERS

- › Specially formulated NPK, water soluble fertilizers with rapid solubilising Magnesium
- › Contains a trace element package
- › Unique addition of highly soluble Magnesium
- › Can be tank mixed with Maintain NT and Rigby Taylor Speciality products
- › High K cold start formulation

This superior range of soluble fertilizers has a number of new analyses to suit all turf surfaces. Designed for all year round use, these analyses can be used in both hard and soft water areas. The Microsol range gives the turf manager an economical option, with accurate even application for fertilizing large areas such as fairways, football pitches and racecourses. A full trace element package is included in each formulation.



Product selector



PRODUCT	NOTES	PACK SIZE kg	APPLICATION RATE kg/ha	WATER VOLUME l/ha	COVERAGE ha	LONGEVITY	NUTRIENT INPUT		
							N kg/ha	P kg/ha	K kg/ha
28-0-14 +2%MgO+TE	A zero phosphate fertilizer with added Magnesium to improve photosynthesis, and trace elements for all round health.	20	15 60	300 750	1.33 0.33	NUTRIENT RELEASE FOR 2-4 WEEKS	4.2 16.8	0 0	2.1 8.4
25-5-10 +1%MgO	A balanced NPK fertilizer with added Magnesium, ideal for spring/summer use.	20	15 60	300 750	1.33 0.33	NUTRIENT RELEASE FOR 2-4 WEEKS	3.75 15.0	0.75 3.0	1.5 6.0
16-32-16 +2%MgO+TE	Two 1:2:1 fertilizers, ideal for application after seeding and to encourage root growth after periods of plant stress.	20	15 60	300 750	1.33 0.33	NUTRIENT RELEASE FOR 2-4 WEEKS	2.4 9.6	4.8 19.2	2.4 9.6
12-6-44 +TE	Readily available N especially in the cooler conditions. High K levels aid plant durability during the autumn/winter months.	20	15 60	300 750	1.33 0.33	NUTRIENT RELEASE FOR 2-4 WEEKS	1.8 7.2	0.9 3.6	6.6 26.6



TOTAL NITROGEN %	AMMONIACAL	UREIC	NITRIC	TRACE ELEMENT PACKAGE	SUGGESTED USE PERIOD											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
28	0.4	23.6	4.0	✓												
25	9.2	12.9	2.9	✓												
16	2.6	13.4		✓												
12	0.2		11.8	✓												



Landscape Range

Slow release – granular fertilizers

Rigby Taylor Landscape Fertilizers

- Easy to use granular fertilizers with dependable and consistent performance
- Uniform, homogenous compound granules for even distribution
- Dust-free products for ease of use
- Nutrients released over 4-6 week period

9-5-5 Spring/Summer

Provides a quick green-up and a steady balanced feed, lasting several weeks.

Rate	Nutrient provided per application (kg/ha)			Pack Size	Pack Coverage
30g/m ²	N 27.0	P 15.0	K 15.0	20 kg	500-667m ²
40g/m ²	N 36.0	P 20.0	K 20.0		

RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

4-10-10 Autumn/Winter

The high P & K levels will promote healthy root development. Primarily a product for autumn use but can be applied at any time of the year, dependent on conditions.

Rate	Nutrient provided per application (kg/ha)			Pack Size	Pack Coverage
30g/m ²	N 12.0	P 30.0	K 30.0	20 kg	500-667m ²
40g/m ²	N 16.0	P 40.0	K 40.0		

RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

8-12-8 Preseeder

A pre-seeding or pre-turfing fertilizer with a traditional 1/1.5/1 ratio promoting earlier grass coverage and faster root development.

Rate	Nutrient provided per application (kg/ha)			Pack Size	Pack Coverage
30g/m ²	N 24.0	P 36.0	K 24.0	20 kg	500-667m ²
40g/m ²	N 32.0	P 48.0	K 32.0		

RECOMMENDED PERIOD OF USE

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----



5-2-10 Rose Fertilizer

Ideal base fertilizer for tree and shrub planting. 100% organic, formulated to encourage perfect blooms with good colour.

Pack size 20kg Pack coverage 400-571 m²
Recommended application rate 35-50 g/m²

4-12-10+4%Mg Planting Plus

High potash fertilizer to help produce excellent blooms, contains organic source of nutrition. Ideal for use as a base dressing when planting or containerising trees and shrubs. May also be used as a top dressing for hardy nursery stock.

Planting Plus provides nitrogen and phosphorus in a slow release form, together with potash and magnesium. Contains lignite for increased cation exchange capacity in the soil so helping keep the nutrients working together longer.

Pack size 20kg Pack coverage 143-286m²
Recommended application rate 70-140g/m²



Quantity Guides

HOW MANY 20kg BAGS ARE NEEDED FOR THE TOTAL AREA : Black figures

WHAT QUANTITY (kgs) IS REQUIRED FOR THE SINGLE AREA : Green figures

Range	Application Rate	<div>        </div>									
		x1 Hectare 10,000m ²	x18 Golf Greens each 500m ² (9,000m ²)	x4 Bowling Greens each 1,475m ² (5,900m ²)	x4 Tennis Courts each 262m ² (1,048m ²)	x1 Cricket Square 520m ²	x1 Football Pitch Max 10,800m ² Min 4,140m ²		x1 Rugby Pitch 6,900m ²	x1 Hockey Pitch Max 4,950m ² Min 4,500m ²	
All Rigby Taylor 20kg Amenity Fertilizers	10g/m ²	5 bags 100 kgs	5 bags 5 kgs	3 bags 14.75 kgs	1 bag 2.6 kgs	1 bag 5.2 kgs	6 bags 108 kgs	3 bags 41.4 kgs	4 bags 69 kgs	3 bags 49.5 kgs	3 bags 45 kgs
	15g/m ²	8 bags 150 kgs	7 bags 7.5 kgs	5 bags 22 kgs	1 bag 4 kgs	1 bag 8 kgs	9 bags 162 kgs	4 bags 62 kgs	6 bags 103 kgs	4 bags 74 kgs	4 bags 68 kgs
	20g/m ²	10 bags 200 kgs	9 bags 10 kgs	6 bags 30 kgs	2 bag 5.25 kgs	1 bag 10.5 kgs	11 bags 216 kgs	5 bags 83 kgs	7 bags 138 kgs	5 bags 99 kgs	5 bags 90 kgs
	25g/m ²	13 bags 250 kgs	12 bags 12.5 kgs	8 bags 37 kgs	2 bags 6.5 kgs	1 bag 13 kgs	14 bags 270 kgs	5 bags 104 kgs	9 bags 173 kgs	7 bags 124 kgs	6 bags 113 kgs
	35g/m ²	18 bags 350 kgs	16 bags 17.5 kgs	11 bags 52 kgs	2 bags 9 kgs	1 bag 18 kgs	19 bags 378 kgs	8 bags 145 kgs	12 bags 241 kgs	9 bags 173 kgs	8 bags 158 kgs
	40g/m ²	20 bags 400 kgs	18 bags 20 kgs	12 bags 59 kgs	3 bags 10.5 kgs	2 bags 21 kgs	29 bags 432 kgs	9 bags 166 kgs	14 bags 276 kgs	10 bags 198 kgs	9 bags 180 kgs
	70g/m ²	35 bags 700 kgs	32 bags 35 kgs	21 bags 103 kgs	4 bags 18.5 kgs	2 bags 37 kgs	38 bags 755 kgs	15 bags 290 kgs	25 bags 483 kgs	18 bags 346 kgs	16 bags 315 kgs
	80g/m ²	40 bags 800 kgs	36 bags 40 kgs	24 bags 118 kgs	5 bags 21 kgs	2 bags 42 kgs	44 bags 864 kgs	17 bags 332 kgs	28 bags 552 kgs	20 bags 396 kgs	18 bags 360 kgs
Greenforce 15kg Bag	20g/m ²	14 bags 267 kgs	12 bags 240 kgs	8 bags 158 kgs	2 bags 28 kgs	1 bag 14 kgs	15 bags 288 kgs	6 bags 111 kgs	10 bags 184 kgs	7 bags 132 kgs	6 bags 120 kgs

Notes: Quantities sufficient for ONE application at the recommended rate. Ensure accurate measurement of area to be treated and apply at the recommended label rate.





Spreaders



Model RTCP36

All Spreaders
delivered 85%
pre-assembled

OptiM8 COMMERCIAL

Diamond frame, heavy-duty, epoxy powder coated steel chassis
36kg hopper capacity
Interchangeable tray system
Heavy-duty gearbox for longer life
Wide spaced 33cm diameter turf tyres on stainless steel axle
Debris screen
Rain-proof hopper cover (as standard)
5 year limited warranty
Exclusive Calibrator bag
Comes with Standard Output tray
High Output and Low Output trays optional extras

Enhanced OptiM8 delivery system provides increased efficiency



Model RT36PP

Model RT36PS

OptiM8 PROFESSIONAL

High specification spreaders featuring twin-tube epoxy powder coated or stainless steel chassis.
36kg hopper capacity
Interchangeable tray system
'Bull' cushioned handles reduces fatigue
Adjustable handle for custom operator fit
Heavy-duty gearbox for longer life
Wide spaced 33cm diameter turf tyres on stainless steel axle
Debris screen
Rain-proof hopper cover (as standard)
5 year limited warranty
Exclusive Calibrator bag to aid application accuracy
Comes with Standard Output tray
High Output and Low Output trays optional extras

SPREADER TECHNICAL SUPPORT HELPLINE

0345 163 0014

Assist with building, calibrating, maintenance
Mon-Fri 9.00am – 5.00pm

Calls charged at local rate from landline and mobiles

OptiM8

Each OptiM8 model has three interchangeable trays, providing a high level of operation flexibility.

Each tray feature is ergonomically designed to ensure all products flow easily to the bottom of the tray, fully emptying the hopper.

1 Standard Output

Comes with spreader. For high-level application accuracy, the Standard Output tray features a 3-hole drop mechanism with a dual-port adjustable shut off system. Ensures an even spread of all granular fertilizer products over an 180° spread width.

Saves time and money with a one-pass, even application



2 High Output

Optional. Designed specifically for the application of large granular materials such as rock salt. The tray features a NEW oscillating agitator that improves the flow of difficult to spread materials.

Innovative design provides enhanced agitation and product delivery



3 Low Output

Optional. Accurate spreading of small-gauge materials such as grass and flower seed and certain specialist chemicals. The oscillating shut-off with agitating pins ensures fine materials flow more freely.

Specially designed for low volume applications





Application Settings

OptiM8 Spreaders

Fertilizer	Analyses	Spread width metre	Grams per m ²	Tray 'Standard'	OptiM8 Setting	Grams per m ²	Tray 'Standard'	OptiM8 Setting	Grams per m ²	Tray 'Standard'	OptiM8 Setting
Microlite Activ8	All analyses	2.90	20	3-hole	11.0	25	3-hole	12.5	35	3-hole	14.0
Microlite											
Microlite	12-2-12	2.90	20	3-hole	11.0	25	3-hole	12.5	35	3-hole	14.0
TE-Bag		2.75	10	3-hole	9.0	15	3-hole	10.0	-	-	-
Polypro											
Polypro	25-3-15	3.25	25	3-hole	15.5	30	3-hole	16.0	35	3-hole	16.5
Polypro	18-4-18										
Polypro	15-0-25										
Polypro SK	22-5-6										
Polypro SK	14-0-28										
Polypro	0-0-45	3.10	25	3-hole	11.5	30	3-hole	12.5	35	3-hole	13.5
Convert											
Convert Gold	All analyses	3.20	25	3-hole	13.5	30	3-hole	14.0	35	3-hole	15.0
Premier HG	All analyses	3.15	25	3-hole	13.5	30	3-hole	14.0	35	3-hole	15.0
Apex Organic	All analyses	3.00	25	3-hole	14.0	30	3-hole	15.0	35	3-hole	16.0
Apex Organic OC1	8-0-0	2.50	25	3-hole	16.0	35	3-hole	19.0	70	3-hole	27.0
Apex Organic OC2	5-2-10										
Apex Organic Humate Rich		2.50	25	3-hole	16.0	35	3-hole	19.0	40	3-hole	20
Delta Sport	All analyses	3.60	-	-	-	30	3-hole	20.0	35	3-hole	22.0
Duragran	15-5-15	2.85	25	3-hole	14.0	30	3-hole	14.5	40	3-hole	16.0
Fineturf											
Fineturf	14-2-7	2.85	25	3-hole	13.5	30	3-hole	14.5	35	3-hole	15.0
Fineturf Bio	14-0-7										
Fineturf	12-0-9										
Fineturf Bio	5-5-10										
Fineturf	3-10-15										
Fineturf Bio	11-5-5	3.00	25	3-hole	14.0	30	3-hole	15.0	35	3-hole	16.0
Fineturf	10-2-20										
Fineturf	6-0-18										
Fineturf Bio	6-0-12										
Fineturf	3-0-3										
Fineturf	4-0-0	3.20	25	3-hole	14.5	35	3-hole	15.5	70	3-hole	17.5
Fineturf	9-0-0	3.20	25	3-hole	14.5	30	3-hole	15.5	35	3-hole	16.0
Fineturf	9-0-0	3.40	25	3-hole	14.5	30	3-hole	16.0	-	-	-
Fineturf Boost-R	11-5-5	3.40	25	3-hole	14.5	30	3-hole	16.0	35	3-hole	17.5
Micronised Lawn Sand	4-0-0	2.75	70	3-hole	18.0	140	3-hole	26.5	-	-	-
Microfine											
Microfine	5-0-15	2.95	25	3-hole	13.5	30	3-hole	15.0	35	3-hole	16.0
Microfine	16-0-16										
Microfine	8-0-6										
Microfine	12-0-24										
Microfine	12-0-10	3.00	25	3-hole	13.5	30	3-hole	14.5	35	3-hole	16.0
Outfield	All analyses	4.75	35	3-hole	25.0	-	-	-	-	-	-

Scotts SR2000 Spreader

Range	Product	Spread Width	Width Setting	Application Rate g/m ²	Full Rate Single Pass	Half Rate Double Pass
Convert	All analyses	5.0m	No.6	25 (35)	O½ (Q½)	L (N)
PolyPro / PolyPro SK	All analyses	4.8m	No.4	25 (35)	O (R)	L (M½)
Microfine	All analyses	3.2m	No.7	25 (35)	L½ (N½)	J½ (K½)
Premier HG	All analyses	3.8m	No.8	25 (35)	L½ (N)	K (K½)
Microlite Active-8	All analyses	3.8m	No.6	25 (35)	L½ (N)	K (K½)
Microlite	12-2-12	3.8m	No.6	25 (35)	L½ (N)	K (K½)
Apex Organic	All analyses	3.8m	No.7	35	O	L
Apex Organic OC1/OC2 Humate Rich	All analyses	1.7m	No.8	35 (70)	M½ (R)	K (M½)
Fineturf	All analyses, except 9-0-0	3.8m	No.7	35	O	L
Fineturf	9-0-0, Boost-R 11-5-5	3.5m	No.7	30	M	K
Micronised Lawn Sand		2.7m	No.8	70 (105)	N (P)	K½ (L½)
Delta	All analyses	3.8m	No.8	35	Q	
Outfield	All analyses	3.8m	No.8	35	Q	
Planting Plus	4-12-10	3.8m	No.8	35	Q°	

Note: The above are for guidance only, always consult manufacturer's manual. Settings may vary with moisture content of product. Walking speed will affect swath width and thus application rate – above are based on 3mph/4.8kph, (Optim8 2.24mph/3.6kph). It is recommended that calibration is carried out before application.





Soil Analysis

A service that provides an awareness and understanding of the nutritional status of sports and amenity turf.

All plants need essential nutrients to live and grow healthily. Just as the human body needs vitamins and minerals, plants need macronutrients and micronutrients. Soil fertility is one of several factors, including light, moisture, weeds, insects and diseases that can affect turf quality and sustainability but reliable nutrient recommendations are dependent upon accurate soil tests.

Results from soil sample analysis will allow turf professionals to base their nutritional programmes on a clear understanding of what is required to improve plant vigour, resulting in increased turf quality, health and enhanced playability.

Analytical evaluation of soil samples offers an indicative approach to problem solving.

The Kit

Containing all the components required for taking and having analysed six individual soil samples.

A pre-paid despatch box is provided that will hold 6 x soil samples, which are sent to a leading, independent research laboratory, skilled in the analyses of turf soils and their nutritional requirements.



The Analysis

A range of test options are available depending on the individual site requirements.

Standard:

Sand/Soil/Silt content, pH, P, K, Mg, Ca.
Cation Exchange Capacity (CEC)

Special analysis:

All the above 'Standard', plus organic matter, plant available B, Cu, Mn, S, Zn.

The soil analysis results will be assessed against those levels that are required for healthy, sustainable turf to identify deficiencies, excessive quantities or confirm optimum amounts.

A range of other tests can be carried out including Organic matter content, trace elements levels, irrigation water suitability, determination of water pH. Ask your area RT representative for details.

The Recommendation

Following the results of the soil analysis, a nutrient turf programme will be compiled that will address those areas that have been highlighted and are specifically tailored to the turf/soil individual needs.

All products recommended for use in the programme have been thoroughly trialled, tested and proven under UK climatic and cultural conditions and across the full range of sports turf surfaces.



A Rigby Taylor soil analysis kit can be obtained from your area RT representative or by contacting us on FreePhone 0800 424 919.



Rotherham United FC Champion Performance

Working closely with Rigby Taylor's Technical Representative Mike Brear, the benefits of an annual pitch care programme are clear to see says Dave Fellowes, head groundsman.

"We use **Microlite Activ8** micro-granular fertiliser, applied six times a year which I believe to be the best one on the market and complement these applications with **Activate R** biostimulant in the winter for good rooting. We top up the surface regularly by overseeding with **R140**.

Also used are **Microflow** and **PolyPro** controlled-release fertilisers and **Magnet Dynamic** chelated iron, for long-term greening.

Dave adds "I regularly compare products but have always found Rigby Taylor's to be the best."



Dave Fellowes
Rotherham United FC

Rotherham United FC is the winner of 2018 IOG Professional Football Grounds Team of the Year (English Leagues 1 & 2, National League, National League North/South, Scottish Championship & Leagues 1 & 2, Ireland & Wales Professional Leagues). And Dave Fellowes is a past winner of the Sky Bet Championship's Groundsman of the Year Award