



**Sports & Amenity
Grass Seed**

Racecourses, Polo & Paddocks





“ I have been using Rigby Taylor products for many years with great success. We have recently switched to using R103 browntop bentgrass mixture in our greens, this has produced superb results. It has high shoot density, is close mow and disease tolerant and provides excellent year round colour. ”



Paul Swift, Course Manager
Formby Golf Club
Merseyside

Host club: BIGGA National Tournament 2019 ● Arnold Palmer Cup 2016 ● 33rd Curtis Cup 2004

Welcome to the world of Rigby Taylor grass seed. Experience the difference.

Designed to help you easily identify mixes according to purpose for golf, sports, equestrian and landscaping, each section of this brochure details page by page the information you need to know for each mix.

Our grass seed mixtures are developed in partnership with **Top Green** grass seed breeding, research and technology centre in Les Alleuds, France. It takes 12-15 years to develop and produce a new amenity grass cultivar, from breeding, selection, testing, multiplication, official listing and seed production to certification. The 30 hectare site has 60,000 individual plants, 4,000 breeding lines, 8,000 turf plots and 8,000 m² of turf performance plots and seed yield trials. Continually monitored, every year the research team walk an amazing 1,300 kilometres assessing every single plot. The programme includes all major amenity turf grass species and is the centre for tetraploid perennial ryegrass technology.

Changes in climatic conditions are proving increasingly challenging for turf maintenance as in recent times weather patterns fluctuate from one extreme to the other. This is one reason why industry leading, stress tolerant Tetraploid Technology has fast become the go-to-choice. There are now nine different R Range mixes with Tetraploid Technology including new **4Tetra**, the first 100% blend of four tetraploid perennial ryegrass cultivars.

Pioneering the development of grasses that have the proven ability to sequester greater amounts of Carbon, **Carbon4Grass** (C4G) mixtures have been shown to significantly sequester (lock-up) more carbon in the soil than comparative mixtures; a small but positive step in helping to mitigate our carbon footprint.

Environmental initiatives extend beyond grass seed to flower seed. Euroflor 100% flower seed mixes enhance our environment, providing a valuable food and habitat resource for insects, birds, and small mammals as well as producing stunning flowering displays. **Euroflor Project Pollin-8** mixes contain the most attractive species for pollinating insects, aiming to help reverse the national decline in the populations. And Flora Native traditional wildflower and grass seed mixes are available for restoring ecological habitats and to produce more subtle vistas.

This brochure is available in both printed and digital formats. To download the digital format by page, by section or the entire document, visit www.rigbytaylor.com.

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Tetraploid Technology

Perennial ryegrass technology developed in association with grass breeding partner Top Green

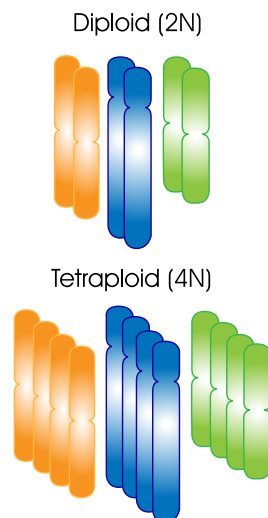


The Technology

With exceptionally high demands placed on today's amenity turf, the characteristics of germination and recovery under cool temperatures, fast establishment, high root mass and greater stress tolerance are recognised as particularly important benefits for sports, golf and landscape applications. It is these characteristics that make tetraploid ryegrasses so highly valued

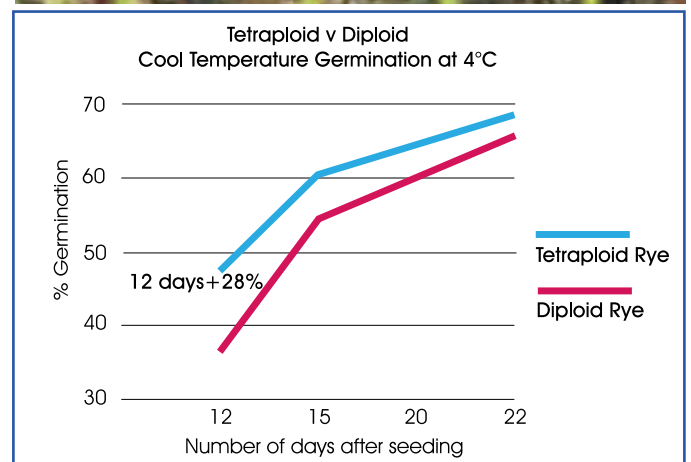
Historically, perennial ryegrasses bred for amenity use were all diploid, having two paired sets of chromosomes within each cell. Tetraploids in comparison have four paired set sets within each cell, doubling the number of chromosomes. It is this physiological characteristic that delivers such exceptional benefits to the grass plant. Double

chromosomes means tetraploid cells contain double the chloroplast, which in a nutshell benefits the plant by boosting chlorophyll production to aid energy absorption and processing. The outcome is a high energy, robust, hardwearing, healthier plant with improved stress tolerance and recovery capability



Cool Performer

Tetraploids germinate and establish faster than diploid ryes, especially in cooler conditions as low as 4°C and provide superior winter wear and robust re-growth which helps keep surfaces in play throughout this intense, high pressure period.



“Sports Mixture Wear trial at STRI concluded R140 with tetraploid delivered superior winter wear in comparison with 100% diploid blends”

Energised

Double the chloroplast enables tetraploids to harness more available light wavelengths, a useful characteristic for stadium pitches, during shorter daylength, on overcast days and in shade. Shade and Wear trials at Top Green Research Station assess the latest tetraploid cultivars, helping deliver improved wear performance for reduced light levels (60% PAR Photosynthetic Active Radiation) and under stadium Grow Lights.



Tough keep going

Selecting cultivars with high disease, drought and heat tolerance is a vital part of integrated turf management.

	Wear	Establishment	Persistence	Colour
Fabian	7.0	7.5	7.9	6.4
Tetrastar	7.0	7.8	7.6	7.0
	Leaf Spot	Microdochium	Red Thread	Rust
Fabian	7.2	7.9	7.9	7.7
Tetrastar	7.3	8.4	7.7	7.8

Geves 2021



Leaf Spot Selection, Top Green Breeding Station

How it performs

The go-to choice with proven performance

- › High energy seed with germination from just 4°C
- › Fast establishing
- › Increased chloroplast boosts chlorophyll and energy production
- › Superior winter wear with robust re-growth
- › Stronger, deeper, denser root mass for tensile strength and drought tolerance
- › Exceptional tolerance to Leaf Spot, *Microdochium*, Red Thread and Rust
- › Excellent colour and presentation



The future

Tetraploid mixtures have fast become the number one choice for renovation and repair of natural and hybrid grass surfaces. The most recent addition is **4Tetra**, the first 100% Tetraploid perennial ryegrass blend of 4 cultivars to be introduced to the UK market.

Here's the complete list....

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Carbon Capture Mixtures

'Carbon4Grass' (C4G) studies at the Top Green Breeding & Research Station in Les Alleuds, France, using well-established grass plots, identified differences in the Carbon sequestration values of managed amenity grass species.

The study progressed to assess a range of cultivars within species, with new cultivars from the breeding programme entered into the study over time. Significant differences were found between species in their capacity to store and sequester Carbon within the leaves, roots and soil profile when managed under exactly the same environmental conditions.

This knowledge has been used to create **Rigby Taylor C4G** mixtures, combining increased levels of Carbon sequestration potential with desirable amenity characteristics for a range of sports and landscape applications.

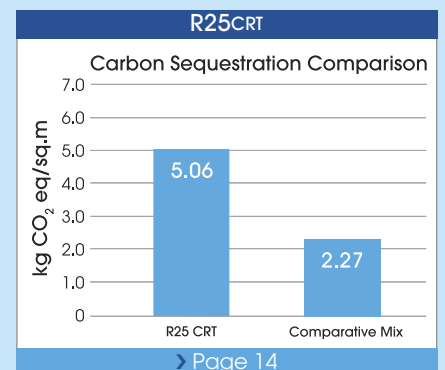
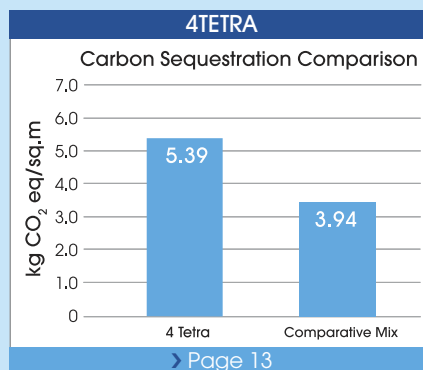
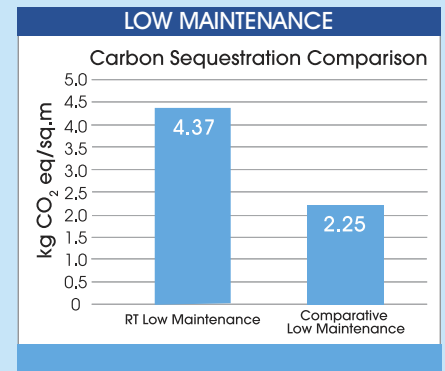
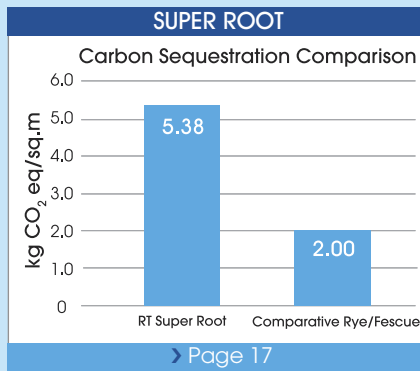
For example, low maintenance, slower growing cultivars with higher Carbon 'scores' have been identified to help reduce the impact of tasks such as mowing which contribute to the Carbon footprint. As an example, Rigby Taylor's **Low Maintenance C4G** mixture demonstrates the potential to sequester 80% more Carbon in comparison with a comparative low maintenance landscape mix.

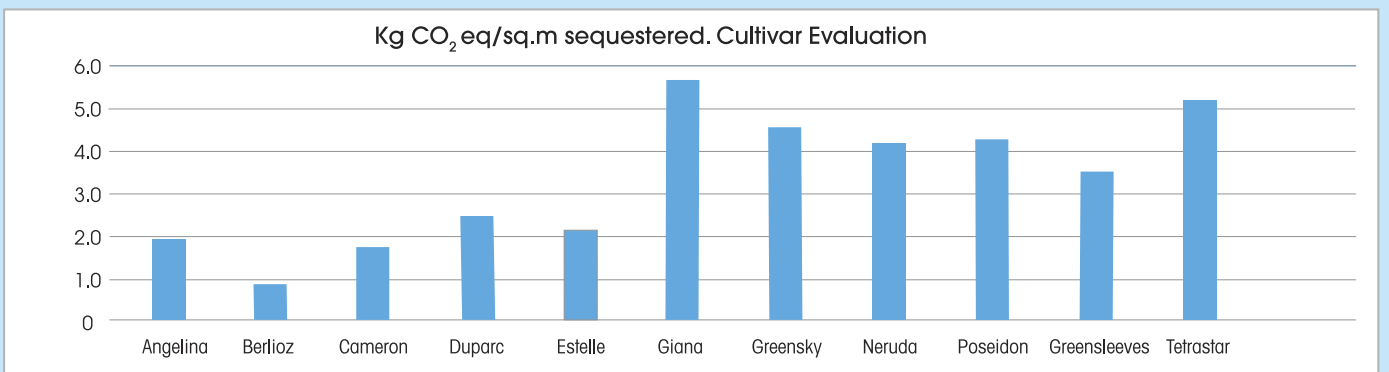
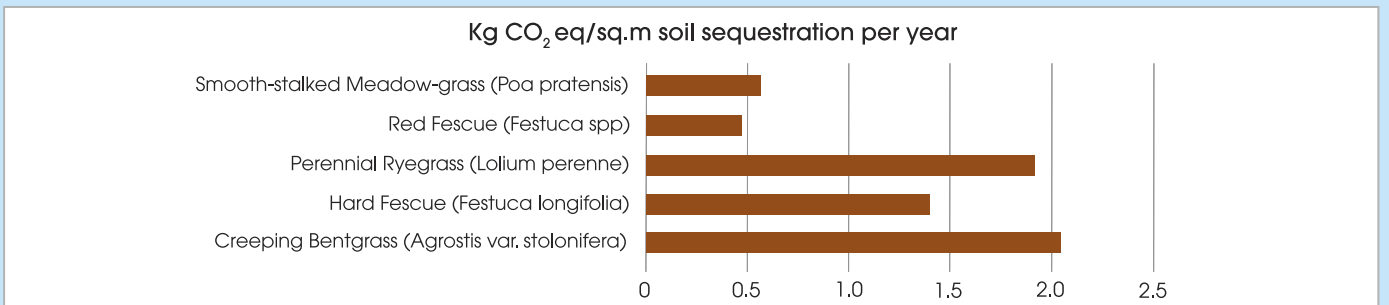
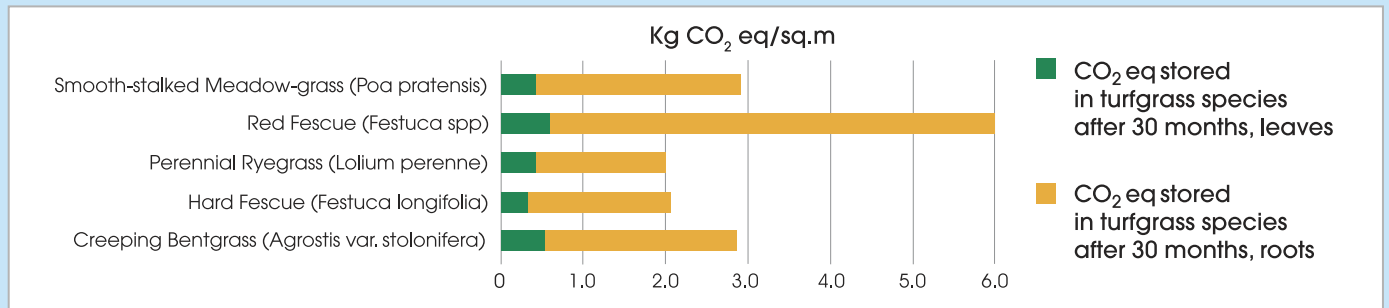


...with locked-in benefits.



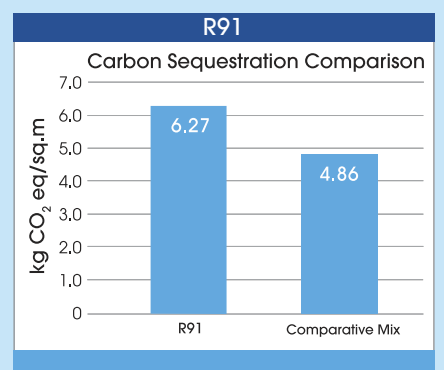
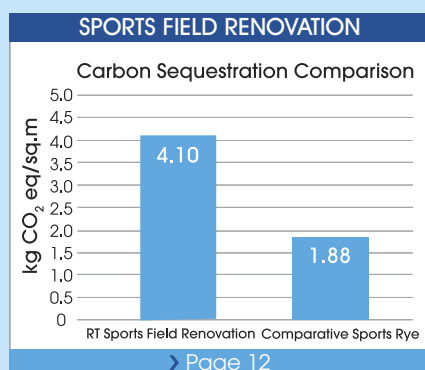
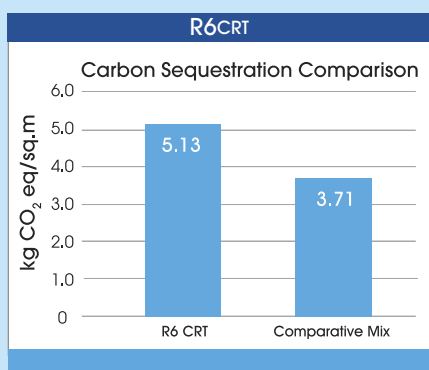
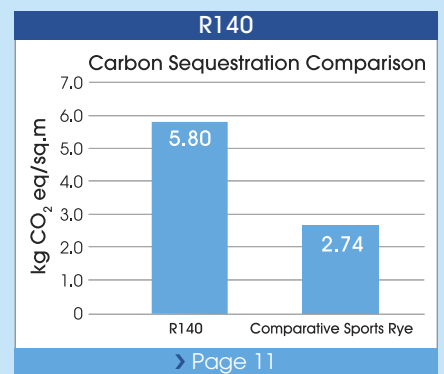
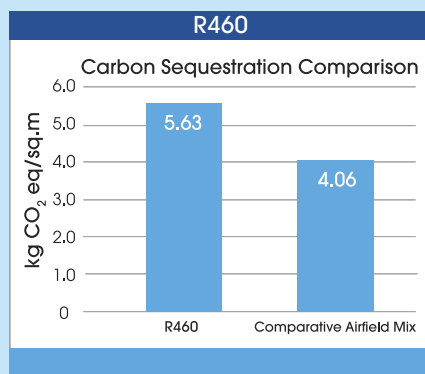
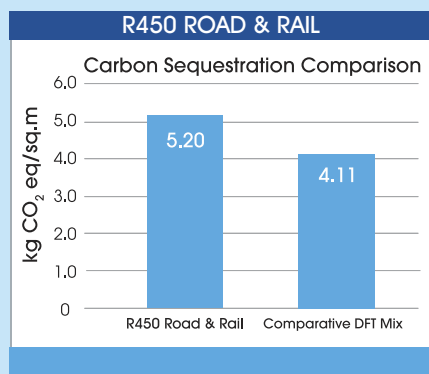
Top Green Breeding & Research Station in Les Alleuds, France





Carbon Sequestration Values

C4G figures shown here are a relative interpretation from accumulated soil organic matter at Top Green trial facilities and are an indication of how different cultivars perform for carbon sequestration under uniform management inputs. Sequestration will vary depending on local environmental conditions and maintenance inputs.



The testing times of a new cultivar

Rigby Taylor and its seed-breeding partner Top Green have a long and very successful relationship. Top Green's 30 hectare breeding and research centre is situated at Les Alleuds in France and is the partnership development centre for Rigby Taylor grass seed mixtures.

The Fundamentals

The breeding programme includes all major turf grass species including, perennial and annual ryegrass, tetraploid ryegrass, fine fescue, tall fescue, smooth-stalked meadow grass and bent grass, plus minor species.

To identify, develop and produce a new amenity grass cultivar takes 12-15 years; The programme involves 60,000 individual plants, 4,000 breeding lines, 8,000 turf plots and 8,000 m² of turf performance plots, including Rigby Taylor mixture trials plus seed yield trials.



Field Selection Trials, Les Alleuds Research, France

The Dating Game

The primary breeding objectives are extensive and include stress tolerance (wear, disease, cold, heat, drought, mowing height, rooting), appearance (leaf width, growth habit, shoot density, colour) and seed yield. The natural breeding process begins with basic genetic material, crossing ecotypes (wild plants) with registered cultivars individually selected for a specific characteristic from the thousands of cultivars stored in the breeders' genetic seed bank.

For each species are grouped together and cross-pollinated in isolation in the glasshouses. Heading date is critical, as only simultaneous flowering of individual plants will produce fertile seed. The



Breeding Improved Grass Cultivars

resultant seeds are harvested by hand and individually sown into trays, then pricked out and grown on as individual plug plants.

Progeny Selection

Every year 15,000 plug plants are planted out by machine into field nurseries and receive weekly observations. These are digitally recorded to



Progeny Selection Trials



Plug plants for Field Trials



Harvesting Seed Yield Trials

assess characteristics including disease, heat, cold and drought tolerance, leaf width, shoot density, growth habit, winter and summer colour and genetic leaf colour. Only 5-10% of plants make it through to

the next stage and remain in the field for further observations and finally harvested by mini-combine for parent turf trials.



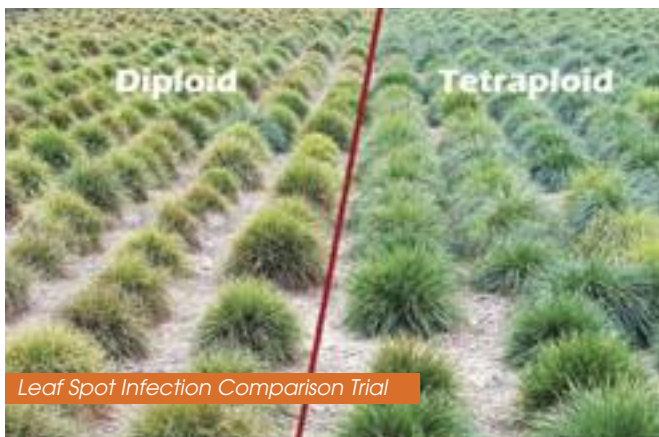
Parent turf trials



RT Sports Wear Trial at STRI



Polycross clones selections



Leaf Spot Infection Comparison Trial

Parent Turf Trials

Harvested seed is sown out in individual 1m² replicated plots at a sowing rate of 10-35g per m² depending on species. The 4,000 seeded plots are scrutinised for appearance and performance qualities including leaf width, sward density, disease tolerance, winter colour, drought tolerance, simulated wear and close mowing.

Following 2-3 years of rigorous performance testing the best 80 clones are selected and grouped together by heading date, colour and purpose i.e. sports, close mowing, landscape, for polycross (clone crossing) creation. The first seed

harvest is collected to produce 60-80kg of breeder's seed, some of which is destined for the elite turf trialling stage.

Global Elite

The elite performance trials are linked to a global network of trial sites in distinct climatic regions throughout Europe, including the UK, and the USA, testing the polycross clones to the limit.

During the trials the numbers are whittled down from 80, to 20 and finally 10 parent plants. At the end of the 3 year trials only the top 10 clones make it through for seed multiplication, during which time the plants are all assessed for homogeneity.

Testing Times

Official registration and national listing trials determine the ultimate success or failure of 15 years of hard work and investment, with potentially just one new cultivar from the original 15,000 progeny making it through to commercial production. Registration and listing on the UK National List qualifies the new, named cultivar to be eligible for sale in the UK.



Regulations serve to provide a legal framework for the production, certification and marketing of grass seed, ensuring varietal purity, freedom from noxious weeds and minimum quality standards.

Finally after 15 years, from 15,000 progeny, one new and improved cultivar makes it into 'R' Range grass seed!"

A free publication entitled 'Amenity Grass Breeding and Seed Production' is available from Rigby Taylor on request.



GERMIN-8T

The best thing next to our grass seed

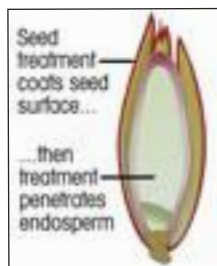
Germin-8T is a technological breakthrough in grass seed pre-treatment that maximises seedling development, stimulates germination and supports accelerated plant establishment.

Germin-8T has added *Trichoderma* that increases the emerging plants tolerance to soil borne diseases.

THREE CRITICAL PHASES OF SUCCESSFUL ESTABLISHMENT

1 Germination

Adequate moisture in the soil profile is essential to trigger germination. Germin-8T contains a speciality penetrating surfactant that helps lower surface tension and aid faster water penetration through the seeds natural outer waxy layer, speeding up germination.



2 Emergence

During the early emergence phase, each seedling has immediate access to a targeted package of easily absorbed nutrients, micro-elements and sugars. Advancing the development process supports a stronger root system, aiding faster establishment and higher plant survival.



Seedling germination comparison of Germin-8T treated seed (right) with untreated seed (left)

3 Establishment

Germin-8T provides significant benefits, not least in cold, wet conditions when the emerging seedlings are most vulnerable. This leads to a higher plant survival rate following renovation.

The micronized *mycorrhizal* fungi, deliver longer term symbiotic benefits to plant health, and the addition of *Trichoderma atroviride* increases seedling tolerance to disease attack, including Leaf Spot, Phythium and Rhizoctonia turf grass diseases.

With added
Trichoderma atroviride



What's in Germin-8T

- Speciality penetrating surfactant
- Potassium Nitrate
- Potent cocktail of micro-elements (Zinc, Manganese, Magnesium)
- Activate XL sugars dextrose and molasses
- Micronized mycorrhizal inoculant (spores and hyphae)

Trichoderma atroviride

A filamentous soil fungi that forms a mutual endophytic, beneficial relationship with grass plants. The symbiotic relationship delivers increased tolerance to Leaf Spot, Pythium and Rhizoctonia turf diseases.

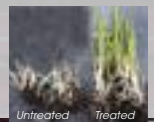
Germin-8T delivers...

- › A potent cocktail of speciality penetrating surfactant, micro-nutrients and sugars
- › Stimulates rapid cell division for faster emergence and establishment
- › Early root mass development aids take up of pre-seed fertilizer
- › Accelerated healthy leaf extension to arrive quickly at 3 leaf stage
- › Higher plant survival following renovation
- › Long term symbiotic health benefits for the sward
- › Liquid seed treatment only 2% by weight, so no increase in sowing rate (unlike powder or clay coated seed)

GERMIN-8T

Increases in germination achieved after just 10 days

Perennial ryegrass	13%
Red fescue	26%
Smooth stalked meadow grass	83%
Browntop bent	100%



Pitch 10 days after seeding

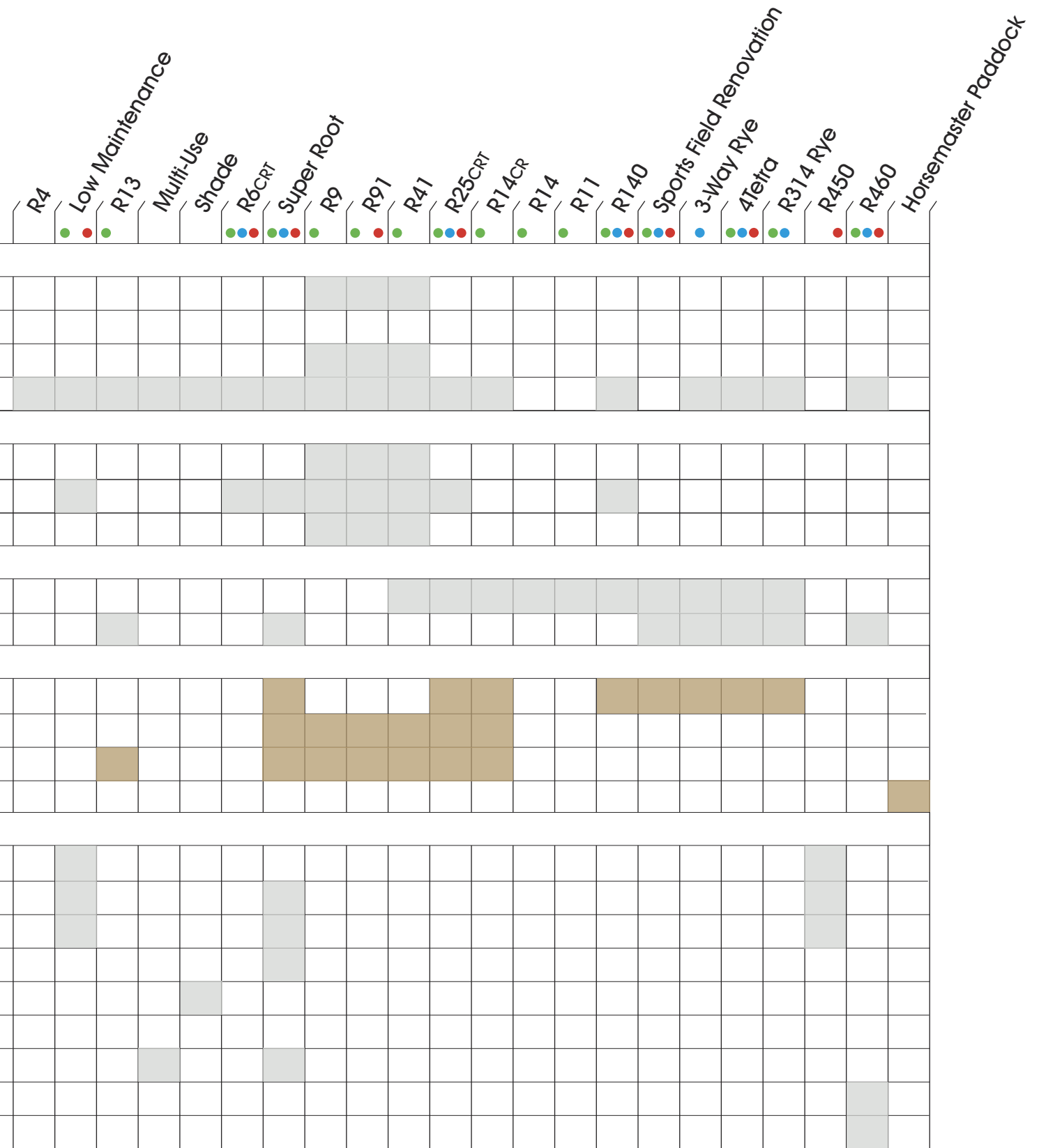


Quick search

	R1	R2	Traditional Greens	R117	R105	R103	100% Egmont	100% Flagstick	R5	Pure Fescue	3 Way Fescue	Fine Turf	Ultra Low	R116	R8
Golf Course & Bowling Greens															
Bowling Greens															
Greens: Fescues & Bents															
Greens: Ultra-fine Rye															
Tees & The General Area															
Cricket & Tennis															
Cricket Squares															
Outfield & Bowler Run-ups															
Tennis Courts															
Sports Pitches & Playing Fields															
Sports Pitches															
Sports Pitches & Playing Fields															
Racecourses, Polo & Paddocks															
Racecourses															
Parade Rings															
Polo Pitches															
Paddocks															
Landscape & Lawns															
Low Maintenance															
Verges & Embankments															
Terraseeding & Hydroseeding															
Cellular Grass Paving															
Shade															
Fine Lawns & Landscape															
Universal															
Airfield Bird Strike															
Coastal Erosion															

- Mixtures treated with **Germin-8T**
- Mixtures with **Tetraploid** cultivars
- Mixture with **Carbon4Grass** characteristics







Racecourses, Polo & Paddocks

RACECOURSES & POLO PITCHES



R140

Hard wearing 100% perennial ryegrass blend with Tetraploid Technology

Double the number of chromosomes makes tetraploid perennial ryegrasses high vigour, extremely stress tolerant plants. Increased cellular chloroplast boosts chlorophyll production, aiding energy absorption and processing. The outcome is a robust, hard-wearing, healthier plant with advanced establishment and recovery capability, even in cooler temperatures down to 4°C, a distinct benefit any time of year. Stronger, denser root mass supports tensile strength, drought tolerance and nutrient assimilation.

The Mixture

25%	Fabian	Tetraploid perennial ryegrass
25%	Tetrastar	Tetraploid perennial ryegrass
25%	EuroCordus	Perennial ryegrass
25%	Columbine	Perennial ryegrass

Sowing Rate: 40-60g/m²
 Overseeding Rate: 25-35g/m²
 Sowing Depth: 12-15mm
 Mowing Height: Down to 12mm

The Cultivars

Fabian Tetraploid, vigorous, high disease tolerance, cold temperature growth, drought
Tetrastar Tetraploid, robust, elevated disease and drought tolerance, cold temperature growth
EuroCordus Extremely hard wearing and fast recovery after wear
Columbine High wear tolerance and excellent winter colour

	Sport Index (Wear)	Establishment	Persistency	Colour
Fabian	7.0	7.5	7.9	6.4
Tetrastar	7.0	7.8	7.6	7.0
	Leaf Spot	Microdochium	Red Thread	Rust
Fabian	7.2	7.9	7.9	7.7
Tetrastar	7.3	8.4	7.7	7.8

Geves Turfgrass List

	Wear Tolerance	Recovery
EuroCordus	7.8	7.4
Columbine	7.4	7.1

Where to use

- ▶ A perfectly balanced blend for construction and renovation
- ▶ Cold temperature repairs
- ▶ Increasing drought and heat tolerance
- ▶ Improving disease tolerance

How it performs

- ▶ High energy seed with fast germination from just 4°C
- ▶ Increased chloroplast boosts chlorophyll and energy production
- ▶ Superior winter wear with robust re-growth for fast recovery
- ▶ Stronger, deeper, denser root mass for tensile strength and drought tolerance
- ▶ Exceptional tolerance to turf diseases
- ▶ Excellent colour and presentation
- ▶ Perfectly adapted to a range of mowing heights from 12mm-125mm



GERMIN-8T
 TREATED SEED
 MAXIMISE ● ENHANCE ● PROTECT



Pack Size: 20kg
 Order Code: 0322140/020



Racecourses, Polo & Paddocks

RACECOURSES & POLO PITCHES



Sports Field Renovation

Hard wearing 100% perennial ryegrass blend with Tetraploid Technology

With robust tetraploid perennial ryegrass, this hard wearing, well-balanced blend grows and recovers in colder conditions. Deep, dense rooting provides improved tensile strength, heat and drought tolerance. Tetraploid seed is higher energy than ultra-fine ryegrass, providing rapid germination and re-growth from just 4°C, especially useful when renovation windows are short and for in-season repairs.

The Mixture

25%	Tetragame	Tetraploid perennial ryegrass
25%	Tetragreen	Tetraploid perennial ryegrass
25%	Columbine	Perennial ryegrass
25%	Berlioz 1	Perennial ryegrass

Sowing Rate: 40-60g/m²
 Overseeding Rate: 25-35g/m²
 Sowing Depth: 12-15mm
 Mowing Height: Down to 12mm

The Cultivars

- Tetragame** Tetraploid, robust, high disease tolerance, cold temperature growth, drought
- Tetragreen** Tetraploid, robust, high disease tolerance, cold temperature growth, drought
- Columbine** Intense wear tolerance with fast recovery and excellent winter colour
- Berlioz 1** High wear tolerance with good recovery

TGS 2021	Wear	Recovery	Winter Green	Summer Green
Tetragame	5.6	5.4	6.8	7.3
Tetragreen	5.0	4.5	7.5	7.6
Columbine	7.5	7.1	6.1	5.6
Berlioz 1	7.2	6.8	5.7	5.3
Mean Score	6.3	6.0	n/a	n/a



Where to use

- ▶ A perfectly balanced blend for construction and renovation
- ▶ Cold temperature repairs
- ▶ Increasing drought and heat tolerance
- ▶ Improving disease tolerance

How it performs

- ▶ High energy seed with fast germination from just 4°C
- ▶ Increased chloroplast boosts chlorophyll and energy production
- ▶ Superior winter wear with robust re-growth after high impact wear
- ▶ Stronger, deeper, denser root mass for tensile strength and drought tolerance
- ▶ Exceptional tolerance to turf diseases
- ▶ Excellent colour and presentation
- ▶ Perfectly adapted to a range of mowing heights from 12mm-125mm



GERMIN-8T
 TREATED SEED
 MAXIMISE ● ENHANCE ● PROTECT



Pack Size: 20kg
 Order Code: 0399558/020



Racecourses, Polo & Paddocks

RACECOURSES & POLO PITCHES



4Tetra

100% Tetraploid perennial ryegrass blend

Double the number of chromosomes makes tetraploid perennial ryegrasses high vigour, extremely stress tolerant plants. Increased cellular chloroplast boosts chlorophyll production, aiding energy absorption and processing. The outcome is a robust, hard-wearing, healthier plant with advanced establishment and recovery capability, even in colder temperatures down to 4°C. Stronger, deeper, denser root mass supports tensile strength, drought tolerance and recovery.

The Mixture

25%	Fabian	Tetraploid perennial ryegrass
25%	Tetrastar	Tetraploid perennial ryegrass
25%	Tetragame	Tetraploid perennial ryegrass
25%	Tetragreen	Tetraploid perennial ryegrass

Sowing Rate: 40-60g/m²
 Overseeding Rate: 25-35g/m²
 Sowing Depth: 12-15mm
 Mowing Height: Down to 12mm

The Cultivars

Fabian ALL hard wearing, with germination from 4°C, high disease and drought tolerance
Tetrastar
Tetragame
Tetragreen

	Sport Index (Wear)	Establishment	Persistency	Colour
Fabian	7.0	7.5	7.9	6.4
Tetrastar	6.9	7.8	7.7	7.0
Tetragame	7.1	7.7	7.8	6.8
	Leaf Spot	Microdochium	Red Thread	Rust
Fabian	7.2	7.9	8.0	7.7
Tetrastar	7.3	8.4	7.7	7.8
Tetragame	7.8	7.9	8.0	8.1

Geves Turfgrass List

	Winter Greenness	Summer Greenness
Fabian	6.5	6.8
Tetrastar	7.5	8.1
Tetragame	6.8	7.4
Tetragreen	7.5	7.6

Turfgrass Seed 2020

Where to use

- ▶ Racecourses, jumps and flat
- ▶ Drought prone soils
- ▶ Cold temperature repairs

How it performs

- ▶ Construction and renovation of racecourses, jumps and flat.
- ▶ Increasing drought and heat tolerance
- ▶ Improving disease tolerance
- ▶ High energy seed with fast germination from just 4°C
- ▶ Superior winter wear with robust re-growth throughout the year
- ▶ Stronger, deeper, denser root mass for tensile strength



GERMIN-87
 TREATED SEED
 MAXIMISE ● ENHANCE ● PROTECT



Pack Size: 20kg
 Order Code: 0323011/020



Racecourses, Polo & Paddocks

RACECOURSES & POLO PITCHES



R25CRT

Hard wearing 100% perennial ryegrass blend with Tetraploid & Creeping Ryegrass Technologies

R25 CRT is an extremely hard wearing 100% perennial ryegrass blend with the benefit of both tetraploid and creeping ryegrasses together with top performing diploids. This leading innovation provides fast establishment and great recovery capability for high impact wear and stressed turf surfaces.

The Mixture

25%	Fabian	Tetraploid perennial ryegrass
25%	Creepstar	Creeping perennial ryegrass
25%	Cameron	Perennial ryegrass
25%	Gianna	Perennial ryegrass

Sowing Rate: 40-60g/m²
 Overseeding Rate: 25-35g/m²
 Sowing Depth: 12-15mm
 Mowing Height: Down to 12mm

The Cultivars

- Fabian** Tetraploid, robust, high disease tolerance, cold temperature growth, drought
- Creepstar** NEW hard-wearing, fine-leaved creeping perennial ryegrass, fast early establishment, high tillering from the crown in combination with lateral, semi-prostrate growth habit
- Cameron** Extremely hard wearing, high density and very fine-leaved with the fastest recovery
- Gianna** High density and fine leaf, boosts tolerance to Red Thread disease

TGS 2021	Sport Density	Fine Leaf	Red Thread	Clean Cut	Visual Merit	Wear	Recovery
Fabian	5.4	5.2	6.1	n/a	6.1	6.3	6.6
Creepstar	7.4	7.7	5.3	4.7	7.3	6.6	6.5
Cameron	7.7	7.7	5.7	7.5	7.9	7.4	7.6
Gianna	7.7	7.1	7.3	7.4	7.7	7.0	7.3
Mean score	7.1	6.9	6.1	6.5	7.3	6.8	7.0

	Sport Index (Wear)	Establishment	Persistency	Colour
Fabian	7.0	7.5	7.9	6.4
	Leaf Spot	Microdochium	Red Thread	Rust
Fabian	7.2	7.9	7.9	7.7

Geves Turfgrass List

Where to use

- Construction and renovation of racecourses, jumps, flat and especially sharp bends
- Cold temperature repairs down to 4°C

How it performs

- Tetraploid gives fast germination from just 4°C
- Robust re-growth
- Creeping rye with lateral growth to aid establishment and surface cover
- Stronger, deeper, denser root mass for tensile strength and drought tolerance
- Exceptional tolerance to turf diseases



GERMIN-8T
 TREATED SEED
 MAXIMISE ● ENHANCE ● PROTECT



Pack Size:
 20kg
 Order Code:
 0322025/020CRT



Racecourses, Polo & Paddocks

RACECOURSES & POLO PITCHES



R14CR

Creeping and diploid perennial ryegrass blend

R14CR is a fast establishing, hard wearing, balanced blend of dwarf perennial ryegrasses, featuring NEW ultra-fine leafed Creepstar creeping perennial ryegrass for increased density and recovery. Germin-8T treated to further speed up recovery in testing conditions.

The Mixture

30%	Creepstar	Creeping perennial ryegrass
20%	EuroCordus	Perennial ryegrass
20%	Eurosport	Perennial ryegrass
30%	Columbine	Perennial ryegrass

Sowing Rate: 25-40g/m²
 Overseeding Rate: 15-25g/m²
 Sowing Depth: 6-12mm
 Mowing Height: Down to 7mm

The Cultivars

- Creepstar** NEW hard-wearing, ultra-fine-leafed creeping perennial ryegrass, fast early establishment, high tillering from the crown in combination with lateral, semi-prostrate growth habit
- EuroCordus** Extremely hard wearing with excellent recovery
- Eurosport** Extremely hard wearing yet very fine-leafed with the fastest recovery
- Columbine** Very hard wearing with good winter colour

TGS 2021	Wear	Recovery	Shoot Density	Fine Leaf	Visual Merit
Creepstar	6.6	6.5	7.4	7.7	7.3
EuroCordus	7.8	7.4	6.9	6.5	6.9
Eurosport	7.6	7.7	7.2	6.6	7.1
Columbine	7.4	7.1	5.6	5.8	6.0
Mean score	7.4	7.2	6.8	6.7	6.8



Where to use

- Construction and renovation of racecourses and polo pitches

How it performs

- Features creeping rye to aid rapid early establishment
- Intense wear tolerance
- Fast recovery after high impact wear
- High shoot and root density
- Colour balanced for high quality visuals

GERMIN-8T
 TREATED SEED
 MAXIMISE ● ENHANCE ● PROTECT



Pack Size:
 20kg
 Order Code:
 0311014/020CR



Racecourses, Polo & Paddocks

RACECOURSES & POLO PITCHES



3 Way Rye

Hard wearing 100% perennial ryegrass blend with Tetraploid Technology

3 Way Rye is a versatile, balanced 100% amenity perennial ryegrass blend. The inclusion of tetraploid perennial ryegrass means it grows and recovers in colder conditions as well as having improved tolerance to heat and drought. With improved stabilisation through its deep, dense rooting, this robust and hard-wearing blend is an extremely cost-effective solution for intense wear surfaces.

The Mixture

30%	Tetragreen	Tetraploid perennial ryegrass
40%	Greenway	Perennial ryegrass
30%	Esquire	Perennial ryegrass

Sowing Rate: 40-60g/m²
 Overseeding Rate: 25-35g/m²
 Sowing Depth: 12-15mm
 Mowing Height: Down to 12mm

The Cultivars

- Tetragreen** Robust, high disease tolerance, cold temperature growth, drought
- Greenway** Hard wearing yet fine leafed with good density, adding base to the sward
- Esquire** Good wear tolerance, gives uniform colour to the sward

TGS 2021	Wear	Shoot Density	Fine Leaf	Red Thread
Tetragreen	5.0	4.8	4.4	7.2
Greenway	6.5	6.5	7.1	6.1
Esquire	5.9	5.4	4.9	6.0
Mean score	5.8	5.6	5.5	6.4

Where to use

- Construction and renovation of racecourses, jumps and flat
- Winter repairs

How it performs

- Quick establishment
- Hard wearing
- Germinates and grows in cold temperatures down to 4°C
- Deep, dense rooting for improved heat and drought tolerance
- Increases disease tolerance



GERMIN-8T
 TREATED SEED
 MAXIMISE ● ENHANCE ● PROTECT



Pack Size: 20kg
 Order Code: 0322501/020





Racecourses, Polo & Paddocks

RACECOURSES & POLO PITCHES



Super Root

Tetraploid, creeping & diploid ryes with red fescue

Super Root is an extremely hard-wearing mix with the benefit of both tetraploid, creeping and diploid ryegrasses together with strong creeping red fescue. Fast establishment and great recovery and year-round colour for stressed turf surfaces, with germination from just 4°C.

The Mixture

30%	Tetrastar	Tetraploid perennial ryegrass
20%	Stolawn	Creeping perennial ryegrass
30%	Greensky	Perennial ryegrass
20%	Mystic	Strong creeping red fescue

Sowing Rate: 30-40g/m²
 Overseeding Rate: 15-25g/m²
 Sowing Depth: 4-8mm
 Mowing Height: Down to 7mm

The Cultivars

Tetrastar Tetraploid, robust, high disease tolerance, cold temperature growth, drought
Stolawn Creeping perennial ryegrass, hard wearing, high tillering from the crown in combination with lateral, semi-prostrate growth habit
Greensky Hard wearing, fine rye for improved density
Mystic Fast establishing strong creeping red fescue, rhizomes for recovery

TGS 2021	Shoot Density	Wear	Winter Green	Summer Green
Tetrastar	5.4	5.6	7.6	8.0
Stolawn	6.1	6.2	6.2	6.0
Greensky	6.1	6.6	5.4	5.2
Mystic	4.1	n/a	6.7	6.9

	Sport Index (Wear)	Establishment	Persistence	Colour
Tetrastar	7.0	7.8	7.6	7.0
	Leaf Spot	Microdochium	Red Thread	Rust
Tetrastar	7.3	8.4	7.7	7.8

Geves Turfgrass List

Where to use

- Construction and renovation of racecourses and polo pitches
- Increasing tensile strength on sharp bends and high impact landing zones

How it performs

- Tetraploid gives fast germination from just 4°C
- Increased high impact wear
- Creeping rye with lateral growth to aid surface cover
- Stronger, deeper, denser root mass for tensile strength and drought tolerance
- Exceptional tolerance to Leaf Spot, Microdochium Patch, Red Thread and Rust diseases
- Excellent year-round colour and presentation



GERMIN-8T
 TREATED SEED
 MAXIMISE ● ENHANCE ● PROTECT



Pack Size: 20kg
 Order Code: 0323010/020



Racecourses, Polo & Paddocks

RACECOURSES & POLO PITCHES



R314 Rye

Cold temperature ryegrass repair

R314 Rye is the ultimate blend of quality amenity annual and tetraploid perennial ryegrasses that help keep surfaces fit for use throughout the cold winter and early spring months. New, darker green cultivar Quickston annual ryegrass germinates from just 3°C supported in R314 Rye by tetraploid perennial ryegrasses which germinate from just 4°C. The blend is not only unrivalled for cold temperature recovery but also offers longevity through 70% tetraploids which provide tensile strength, drought and disease tolerance and recovery after wear going forward.

The Mixture

30%	Quickston	Amenity annual ryegrass
35%	Fabian	Tetraploid perennial ryegrass
35%	Tetragreen	Tetraploid perennial ryegrass

Sowing Rate: 40-60g/m²
 Overseeding Rate: 30-40g/m²
 Sowing Depth: 12-15mm
 Mowing Height: Down to 12mm

The Cultivars

- Quickston** Germination from just 3°C, the ultimate for cold temperatures
- Fabian** Hard wearing, with germination from 4°C, high disease and drought tolerance
- Tetragreen** Germination from 4°C, strong, deep dense roots for tensile strength

TGS 2021	Wear	Recovery	Red Thread	Winter Green
Quickston	n/a	n/a	n/a	n/a
Fabian	5.8	5.6	8.0	7.6
Tetragreen	5.0	4.5	7.2	7.5

	Sport Index (Wear)	Establishment	Persistency	Colour
Fabian	7.0	7.8	7.9	6.4
	Leaf Spot	Microdochium	Red Thread	Rust
Fabian	7.2	7.9	7.9	7.7

Geves Turfgrass List

Where to use

› Cold temperature repairs

How it performs

- › High energy seed with fast germination from just 3°C
- › Increased chloroplast boosts chlorophyll and energy production
- › Superior winter wear with robust re-growth
- › Stronger, deeper, denser root mass for tensile strength and drought tolerance
- › Exceptional tolerance to Leaf Spot, *Microdochium* Patch, Red Thread and Rust diseases



GERMIN-8T
 TREATED SEED
 MAXIMISE ● ENHANCE ● PROTECT



Pack Size: 20kg
 Order Code: 0311314/020



Racecourses, Polo & Paddocks

PADDOCKS



Horse Master Paddock Mix

Horse Master Paddock Mix is especially designed to produce a nutritious, palatable and persistent paddock. A correct seasonal growth pattern enables it to be used for grazing with the option of shutting up to produce horse hay if required. Timely sowing for example, after weed control, will help promote a healthy, sustainable sward.

The Mixture

- 4.5kg Intermediate diploid ryegrass
- 3.0kg Late diploid perennial ryegrass
- 2.5kg Late diploid perennial ryegrass
- 1.0kg Timothy
- 2.0kg Strong creeping red fescue

- Applications** Horse and pony grazing, high fibre, nutritious, palatable grasses, low sugar (fructan) helps avoid laminitis
- Sowing Rate** 13kg per acre (32kg per hectare)
- Sowing Depth** 6-12mm
- Pack Size** 13kg
- Mowing** Graze during the growing season, can also be shut off in mid-summer to produce a good hay crop



Agricultural grass seed mixtures designed for cattle grazing are rich in protein and sugars. Horses and ponies however, require grass which is high in fibre, with low sugar (fructan) levels. Using a blend of low sugar diploid ryegrasses with Timothy and strong creeping red fescue, and without clover to avoid laminitis, will produce an easily digestible paddock sward.

The way in which cattle graze differs considerably from horses and ponies; cows use their tongues whereas horses and ponies use their lips, enabling horses and ponies to graze a pasture down much shorter, leaving a stubble height of 1-2cm. This short grazing slows and reduces re-growth, making it easy for unwanted annual meadow grass and weeds to ingress into the sward. The lifespan of such an intensively grazed pasture would be very short however, seeding a dedicated paddock mixture at the recommended rate means a dense, nutritious pasture can be maintained.



Pack Size:
 13kg (1 acre Pack)
 Order Code:
 0322142/013

Turf

Rigby Taylor turf is of high quality, containing industry leading cultivars grown to an exacting specification. A comprehensive range of options are available for installing on sports and amenity surfaces, spanning many situations.

GOLF

Greens

Traditional bent and fescue turf grown on USGA rootzone or indigenous sandy loam topsoil. For mowing heights 3-5mm.

Rye Greens & Tees

Ultra-fine perennial ryegrass and fescues for a dense, hard-wearing sward. For mowing heights down to 5mm for greens, 10-12mm for tees.

Tees & Fairway

A hardwearing blend of perennial ryegrass, smooth-stalked meadowgrass and red fescues. For mowing heights down to 10mm for tees and 12-14mm for fairways.



Pitches

Extremely hard wearing perennial ryegrass and smooth-stalked meadowgrass. For mowing heights down to 25mm.

LANDSCAPE

Hard wearing landscape turf with perennial ryegrass, smooth-stalked meadowgrass and red fescues. For mowing heights down to 12-14mm.

SPECIALITY

Hybrid Turf

Combines natural and synthetic fibres tufted into an open weave backing, top dressed with sand. The reinforcement guarantees stability immediately after installation. Extremely hard wearing, recommended for golf tees, sports pitches and walkways.

Reinforced Fibre Turf

This turf is grown on imported sand based rootzone mixed with polypropylene fibres. Load bearing and very durable with a high percolation rate, it is recommended for sports pitches, equestrian, car parks and emergency access tracks.

Wildflower & Heather Turf

Supplied as a fully established mat of wildflower plants, it is simply rolled out onto a prepared bed of soil or suitable rooting substrate

Preparation & Aftercare

Pre-preparation of the soil surface prior to laying turf is vital. For best results lay the turf on the day of delivery. Once the turf has been laid, make sure that it is kept damp (without overwatering) until the roots have anchored it firmly to the soil. You can start mowing the turf as soon as the surface feels firm enough to walk on.



An application of Activate R, containing Enhanced Root Developer (ERD) will assist the rooting establishment process. With our Greens turf on USGA rootzone, it's advisable to apply a fungicide, as insurance, soon after laying. Although the turf will have had prophylactic fungicide treatments during production, the stress of lifting and transport can make the turf more susceptible to Fusarium.

Following the laying, take the cutting height down slowly over the following weeks, never cutting off more than a third of the leaf at any one time.

A professional laying service for big rolls is available when required. Laying is undertaken using bespoke equipment. Where time is short, 10,000 sq.m can be laid in 24 hours. Ask your Rigby Taylor representative for more details.

Distribution

Rigby Taylor delivers turf nationwide. Turf can be supplied in either standard 1sq.m rolls or big-rolls (approx. 15sq.m). Moffet, Hiab or tail lift offloads are available


Urban Flower Mixtures



Euroflor flower seed mixtures deliver beautiful, vibrant flower displays that both enrich our urban sensory environment and serve as an invaluable habitat for pollinating insects, birds and small mammals.

An increasing number of county, borough and parish councils, country estates, stately homes and golf courses are benefitting from the wonderful colour schemes that can be created, as well as reducing cost by substituting Euroflor seed mixtures in place of bedding plant schemes. Indeed, not only is the seed and installation cost much cheaper, but in-season maintenance costs are also significantly reduced. Euroflor mixtures are available in 50g, 500g and 1kg packs.



 An important environmental initiative has been launched by Rigby Taylor. **Project Pollin-8** has been targeted to help reverse the decline in the population of pollinating insects. By incorporating selected Euroflor urban flower mixtures in urban design schemes and green infrastructure plans; including urban areas such as in highway projects (verges/roundabouts), public spaces (parkland/reclamation areas) and on golf courses, a positive step will be made towards helping reverse this decline.



For a comprehensive look at the full Euroflor range, a free 56 page, full colour brochure is available on request...or log on to view on line or download a digital version.

Native Wildflowers & Grasses

Flora Native Wildflowers

The Flora Native range offers a diverse and comprehensive choice of native UK provenance wildflower seed mixes to restore, create and enhance a diverse range of ecological habitats and landscapes.

Wildflower seed mixes

100% flower seed, sowing rate 3g/m².
20/80% flowers and grasses, sowing rate 5g/m².
Ecological habitat and architect specified mixes available.
Pack sizes 1kg, 5kg & 10kg.



Specialist habitat grasses

Includes heathland/acid, chalk and limestone, coastal and salt, woodland, wet soils and dry soils.
Sowing rate 5g/m².
Pack sizes 5kg & 10kg.



Yellow Rattle seed

(*Rhinanthus minor*)
Sowing rate 0.5-1g/m².
Pack size 50g.



Native habitat shrub seed

Gorse seed (*Ulex europaeus*).
Heather seed (*Caluna vulgaris*), sowing rate 2g/m².
Pack sizes 1kg.



Game cover seed

Traditional game mix. Maize and sorghum for cover, quinoa, sunflower and millet for feed.
Pack size: 1 acre packs.



Bulbs & Plug Plants

Single species and species collections available seasonally, including bluebells, snowdrops, wild daffodil, scented, wetland and wild bird.
Plug plants (available seasonally in trays of 25, 150 or 500 plugs)



Summer flower, winter food

Attracts butterflies, bees and other insects. During the summer produces seeds and grain for feeding wild birds in the winter.

Wildflower turf

Create an instant wildflower meadow. Supplied as a fully established mat of wildflower plants, it is simply rolled out onto a suitable rooting substrate.
Wildflower turf reduces the problem of weed ingress and assists with stabilisation. It is ideal for use in municipal parks, green roofs, urban bio-diversity projects, SuDs drainage schemes, schools, reclamation areas, country estates and gardens. Different grades available on request. Mixtures of perennials and annuals create a stunning and long lasting visual effect and helps reduce the 'urban heat island' effect.



The full range is too numerous to include here but is fully featured in the Flora Native brochure available on request... or log on to view on line or download a digital version.



Weed Suppressant Matting

FloraFleece

For use as a weed suppressant and support for Euroflor Urban Meadow sowing or grass seed sowing

What is it?

A recycled fabric composed of 50% jute, 25% cotton, 25% brown wool, with a hessian scrim. The matting is made of natural fibres, which will break down through the growing season, 5-8 months.

How is it used?

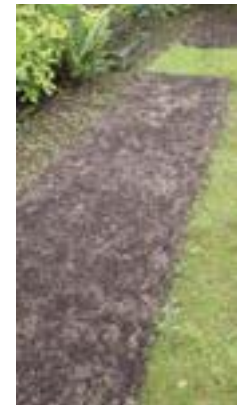
The ground on which the **FloraFleece** is to be used should not be excessively compacted, i.e. it can support seedling establishment. The matting should be rolled out over the area to be sown, with 1-1½ inches of a sterile substrate placed on top. Seed can then be sown on the substrate and rolled. The area should be watered and not allowed to dry out during the initial stages of germination and seedling growth. Once the roots have penetrated through the matting into the soil watering is only required if plant stress becomes apparent.

The benefits

FloraFleece matting has proven to be an efficient method for the control of the soil weed seed bank, particularly late germinating annuals like Fat Hen and Redshank which may compete against Urban Meadow™ flowers after 3 or 4 years on the same site.



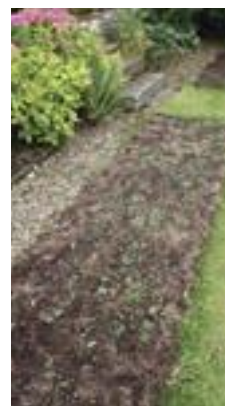
5th July



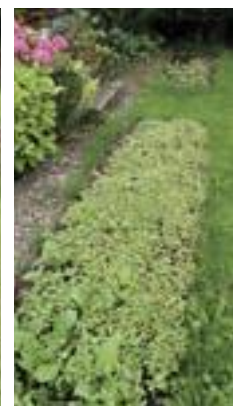
5th July



15th July



15th July



13th August



13th August



Supporting the industry through sponsorship and membership



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