



SPORT PRODUCT GUIDE 2025



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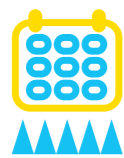
Whatever the conditions, however tough the competition

Sports grasses have a lot to contend with. From tees to courts, pitches to out-field, and starting line to final furlong, every square metre matters.

Increasing pressure from extended seasons, and growing demand for competition surfaces to be in peak condition makes grass pitches, courses and courts the real focus of the contest.

For every playing surface, the grounds team matters most of all.

Working with you to understand your changing needs and solve the challenges is central to the way we progress at Barenbrug.



Long term development and breeding

Ongoing investment in new grass cultivars and products yields continuous improvements in the qualities of your playing surface.



In depth consulting and guidance

Collaboration in product design, development and trialling brings us closer together.



Nationwide service and support

In-field expertise and technical help is on hand to find immediate solutions to grass needs on site.



Bastiaan and Frank Barenbrug

The Barenbrug Family

Founded in 1904, Barenbrug is a family owned and run group, dedicated to grass seed development and production to support sports, leisure, and agricultural needs.

Barenbrug UK was established in 1983; since then we have been active supporters of the creativity, tenacity and commitment of turf managers throughout the UK and Republic of Ireland. With our R&D and breeding insight, we share our knowledge and experience to help you and your team excel.



New Varieties

BARPROPEL

BaRPRopel is the latest generation of RPR cultivar from Barenbrug's European breeding programme and is new to the Sport Range for 2025. It can be found in **RPR Golf**. It offers improved levels of fineness of leaf and density, as well as an aggressive stoloniferous growth habit, which translates into fast establishment and recovery from wear.

The ability of RPR cultivars to regenerate delivers an added dimension to perennial ryegrass. *Barpropel* is supplemented with fine-leaved varieties adapted to golf management in RPR Golf for 2025.



BARLEGANT

Barlegant is an exciting new hard fescue cultivar featuring in the market-leading **SGT Fine Fescue** mix, primarily aimed at overseeding and divoting medium-fine turf (tees and fairways) in links and heathland golf courses.

It offers a new standard of turf quality for the species and is listed as the new #1 cultivar in Table L6 of Turfgrass Seed 2025. Its Visual Merit score is a particularly significant breeding advancement. Being a hard fescue, it delivers turf performance under abiotic stress conditions, notably drought conditions and low nutrition. High Dollar Spot tolerance is an additional aspect of its SGT (Sustainable Grass Technology) credentials.

Barlegant is paler in colour than most hard fescues, which helps to blend visually with red fescues in a mixed sward.



Hard Fescue *Barlegant*



Hardtop VS *Barlegant*

ALTIVO

Altivo was introduced to the Sport Range in 2024; it ranks #5 in table S1 of the BSPB Turfgrass Seed 2025. It is included in **Elite Sport** - the market-leading and top-rated perennial ryegrass blend for winter sports use.

Altivo is a true winter sports and late-heading cultivar, with a medium-fine leaf, high shoot density and paler green colour. It offers highly active growth in winter and spring, promising superior mid-season recovery before temperatures recover towards the end of the season.

Despite the "non-Bar" name, the variety was bred and developed by Barenbrug in our Dutch breeding station.

HOWDEN

Howden is a new browntop bentgrass for 2025; it can be found in **All Bent**. It follows in the footsteps of *Charles*, being bred in New Zealand. It has performed very well in BSPB trials and is ranked #2 in Table G1.

In early UK and Ireland development trials it appears to offer superior *Microdochium* tolerance whilst retaining exceptionally high density, fineness of leaf and tolerance to close mowing.

Disease Tolerance in Winter Sport: Elite Defence

Disease tolerance of mixtures and cultivars is an ever-increasing focus of breeding and R&D programmes. Climate change is rapidly impacting on turfgrass disease incidence and severity in the UK and Ireland, and simultaneously, chemical prevention of pathogens is becoming increasingly challenging with new legislation.

As a grass breeder, Barenbrug is acutely aware of this, and the responsibility we have to provide products that can offer a potential solution to the problems faced by turf managers. A good example of this is the recent occurrence of Grey Leaf Spot (GLS; *Pyricularia grisea* or *P. oryzae*) in stadium environments in the south of England. GLS only appeared in France a few years ago, and likely due to increasing temperatures and humidity, it now seems that the UK will have to deal with this damaging disease on enclosed perennial ryegrass pitches for the foreseeable future.

Help is at hand though. Barenbrug breeders on a global level have been screening ryegrasses for this pathogen for many years, and have identified several **European-bred, diploid** cultivars that have strong tolerance to a range of *Pyricularia* isolates (the fungus has large variability).

The launch of **Elite Defence** (page 29) in 2024 represented the culmination of a huge R&D effort that promises a product with significantly higher tolerance to GLS, as well as increased protection against *Drechslera* leaf spot and Brown Patch (*Rhizoctonia solani*). Significantly, the product utilises only **European-bred, diploid** cultivars, ensuring minimal compromise on other factors such as wear tolerance and shoot density – traits that have quickly established **Elite Sport** as the market-leading winter sports seed mix in the UK.

Grey Leaf Spot Data

Several laboratory and field trials in Europe have resulted in the identification of *Amiata*, *Barprimum* and *Barorlando* as varieties with excellent tolerance to GLS. Figure 1 shows data from one of these trials, with % surviving plants after a GLS inoculation in laboratory conditions. The other cultivars in trial include GLS-tolerant material from USA, as well as other European varieties from Barenbrug's portfolio.

Figure 2 shows an independent turf field trial from Landlab in Italy, after a particularly damaging naturally occurring GLS infection. The potential benefits of *Amiata* and *Barprimum* are clear to see.

Figure 1 - GLS Laboratory Trial Data

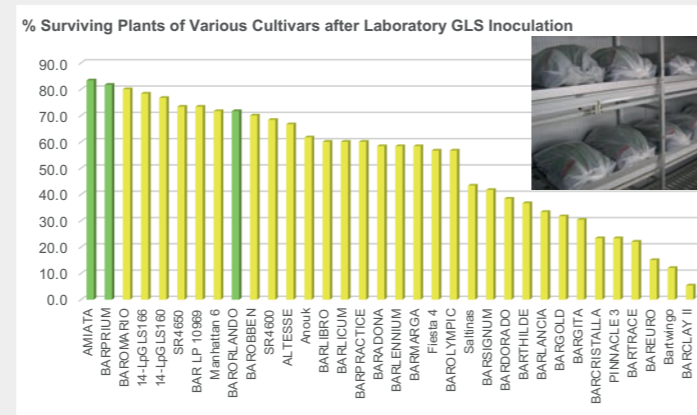


Figure 2 - GLS infection in independent field trials with Landlab (Italy)

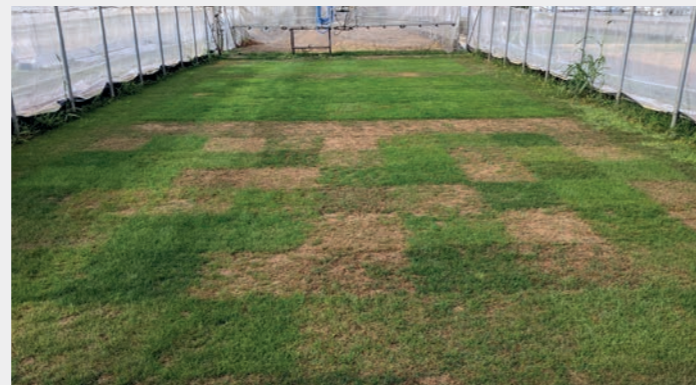


Figure 3 - 2016 S1 BSPB/STRI Trial Scores of *Drechslera* Leaf Spot Tolerance

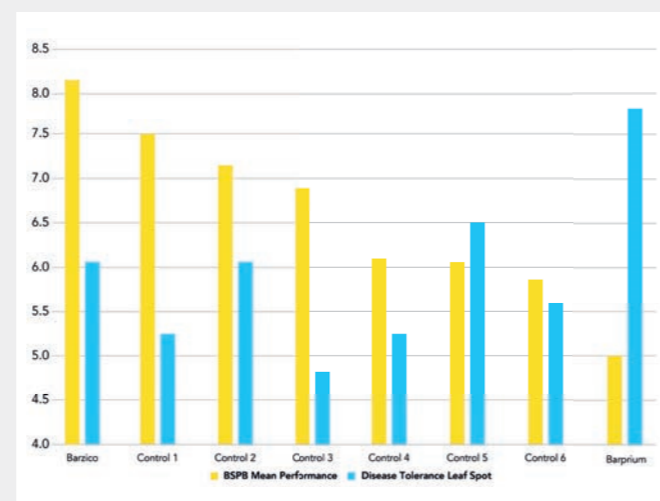


Figure 4 - Comparison of Score Index & *Drechslera* Leaf Spot in Perennial Ryegrasses French Turfgrass List 2023

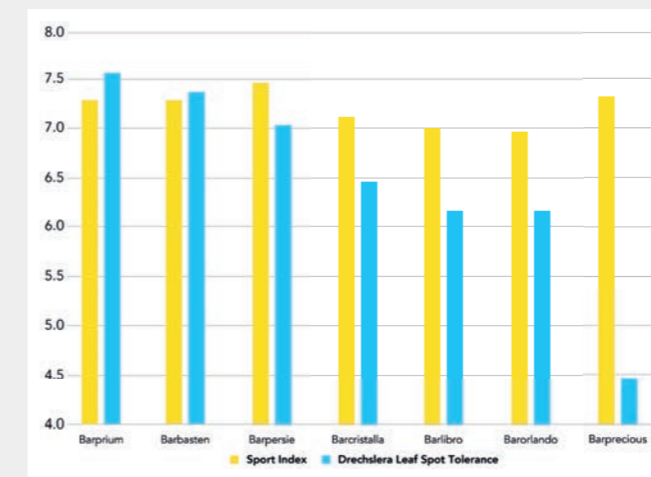


Figure 5 - Brown patch tolerance of Barenbrug cultivars (internal laboratory trials)

Cultivar	Brown Patch Mean Score
Bartrace	7.67
Barprimum	7.50
Barorlando	7.17
Barprecious	7.17
Barbions	7.00
Barlancia	6.83
Bareuro	6.83
Babosa	6.67
Barthierry	6.67
Barlicum	6.50
Barcristalla	6.50
Amiata	6.50
Barbasten	6.50
Barpropel	6.50
Barrobben	6.50
Barlibro	6.33
Barpersie	6.00
Barclay II	5.83
Barolympic	5.17

Drechslera Leaf Spot Data

Figures 3 and 4 represent data on *Drechslera* Leaf Spot from independent turf trials in the UK (BSPB/STRI 2016 S1 trial) and across Europe (GEVES Turfgrass List), respectively. *Barprimum* and *Barbasten* exhibit high tolerance levels to this disease.

Brown Patch Data

In internal Barenbrug trials, Figure 5 shows a ranking of breeding material against *Rhizoctonia*. *Barprimum* and *Barorlando* offer good protection against this pathogen.

Conclusion

Disease tolerance is an increasingly important part of turfgrass breeding for the UK market. Traits such as wear tolerance will always be desirable in perennial ryegrass for winter sports use, but environmental pressures, particularly in a large stadium begin to tip the balance in favour of other aspects. With technologies such as hybrid pitches, under-soil heating and growth lighting, wear tolerance is already well covered.

The launch of **Elite Defence** in 2024 was the result of extensive research into variety tolerance against diseases increasingly associated with stadium environments; specifically GLS, *Drechslera* Leaf Spot and Brown Patch. **Elite Defence** (page 29) promises increased disease protection with excellent genetic colour and wear tolerance.



Disease Factfiles

Our disease factfiles are an essential part of the Barenbrug resources range.

Grass disease is an ongoing problem for many when maintaining golf courses, football/rugby pitches and cricket outfields. Our series of factfiles are great tools to learn about different grass disease types, how to reduce risk, identify, and control them. To download your free copies, visit our website.

barenbrug.co.uk/resources/sport-resources/disease-factfiles



“Sustainable Grass Technology” – Barenbrug’s research-driven concept designed to deliver outstanding turf performance in high stress conditions with reduced fertiliser, chemical and water inputs.

Barenbrug aims to develop seed cultivars and grass seed mixes that respond to customers’ needs and a changing climate. Our Sustainable Grass Technology (SGT) products are designed to reduce the chemical, fertiliser and water input for turf managers.

Products under the SGT banner promise stress-tolerant grass for sustainable turf management and are the result of years of independent and in-house trials.

Barenbrug’s SGT products have been tested extensively, and offer exceptional performance in one or more of four pillars of research:

- Nitrogen-use efficiency to reduce fertiliser use and cost
- Drought tolerance to increase survival and reduce the need for irrigation in stress periods
- Increased disease tolerance to reduce the need for fungicide
- Lower biomass production (or clipping yield) to reduce mowing frequency, man hours and fuel use

Visit our website for a detailed video about the years of independent and in-house trials that led to the launch of Sustainable Grass Technology: www.barenbrug.co.uk/SGT

Drought tolerance

The SGT products are curated from specially chosen cultivars. In drought trials at Landlab in Italy and Barenbrug breeding stations, hard fescue always out-performs red fescue in periods of heat and drought (Fig. 1). The species features strongly in both SGT Fine Fescue and SGT Rye Fairway.



Figure 1 - Drone Image From Landlab. Highlighted plots are the hard fescue. The quality and endurance of hard fescue stood alone during the most intense heat.

Included in SGT Fine Fescue for 2025 are two new varieties of hard fescue, *Barlegant* and *Beacon*. *Barlegant* offers a new standard of turf quality for the species and is listed as the new #1 cultivar in Table L6 of Turfgrass Seed 2025; *Beacon* is not far behind in the #2 position.

In the GEVES Turfgrass List (independent trials in several European countries), *Beacon* is #1-ranked for hard and sheep’s fescue for a range of traits, including Lawn Index, Global Aesthetics, Shoot Density, Wear Tolerance and Red Thread Tolerance. The introduction of these two new cultivars cements SGT Fine Fescue in its market-leading position for overseeding links and heathland fairways.



Nitrogen Efficiency

In SGT Rye Fairway, *Barprimum* offers proven capacity for nitrogen-use efficiency, requiring up to 50% less nitrogen. In an 18 month STRI trial (shown in Fig. 2), results demonstrate nitrogen efficiency from a number of cultivars against live ground cover. *Barprimum* delivers the highest mean turf cover compared to all other cultivars. Put simply, it requires far less N to deliver equivalent turf performance.

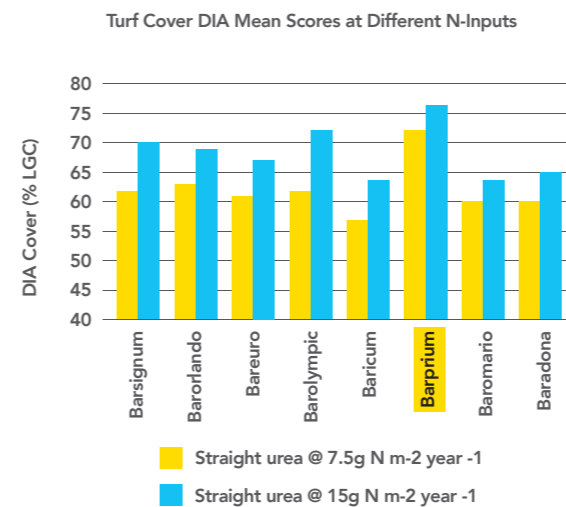


Figure 2 - STRI N-Efficiency Trial Data. *Barprimum* delivers equivalent mean turf cover to all other cultivars at 50% less nitrogen input.

STRI researchers concluded: “The best performing cultivar in this trial was *Barprimum*, with good turf quality and coverage observed at all N levels and N types. Even at very low levels of N, *Barprimum* still showed good quality and coverage.”

Barprimum is highly ranked in the BSPB Turfgrass Seed 2025 booklet with a mean score of 7.4 on Table L1 and exhibits strong summer colour – another useful characteristic for low-input golf fairways.

Products available in the SGT range include SGT Rye Fairway and SGT Fine Fescue, representing the culmination of many years of research and targeted at golf course fairway overseeding to combat the effects of climate change and reduce future maintenance inputs.

Products available with SGT technology:

- SGT Fine Fescue, see page 19.
- SGT Rye Fairway, see page 19.

Disease Tolerance

Disease tolerance is an increasingly important focus of Barenbrug’s turfgrass breeding programme for Europe. SGT products contain varieties that have the highest levels of protection against a range of relevant pathogens.

Hard fescue as a species has excellent tolerance to Dollar Spot, which is an increasing concern, particularly on links courses. Figure 3 has data from recent NTEP trials, showing that hard and sheep’s offers higher levels of tolerance on average compared to the red fescue sub-species. Overseeding fairways with SGT Fine Fescue is likely to be a good option to improve fairway performance against Dollar Spot.

cultivars	Dollar Spot Tolerance - All data, all locations 2015-2019 NTEP			
	FRR (Strong)	FRC (Chewings)	FO (hard/sheep's)	FRL (slender)
	6.9	8.2	8	7.4
	6.7	7.9	7.8	6.6
	6.7	7.8	7.7	5.9
	6.6	7.7	7.7	5.6
	6.2	7.6	7.6	
	6.1	7.6	7.5	
	5.8	7.5	7.5	
	5.6	7.4	7.4	
	5.4	7.2	7.4	
	5.2	7.1	7.2	
	5.2	7	7.2	
	5.1	7		
	4.9			
	4.9			
	4.7			
Mean	5.73	7.50	7.55	6.38

Figure 3 - 2015-2019 NTEP fine fescue trials; all data, all locations.

Red Thread is a common turfgrass disease affecting sustainably managed turf areas, such as fairways. SGT mixtures contain highly ranked cultivars for Red Thread tolerance, such as *Barrissee* (#1-ranked; Table L5) and *Barjessica* (#2-ranked; Table L5), strong creeping red fescues *Barcrown* (#1-ranked; Table L4) and *Barpearl* (#3-ranked; Table L4) and new cultivars *Barnoustie* (#4-ranked) and *Barquess* (#5-ranked) respectively.

The designated SGT perennial ryegrass *Barprimum* not only delivers benefits in terms of drought tolerance, nitrogen-use efficiency and lower biomass production, but it also exhibits broad tolerance to a wide range of disease pathogens including *Drechslera* leaf spot, GLS and *Rhizoctonia*.



Disease Factfiles

To find out more and download your free copies, visit our website: barenbrug.co.uk/resources/sport-resources/disease-factfiles

Ultrafine

The leading fine leaf perennial ryegrass range from Barenbrug is now available with three options of superior products, for use in areas of fine turf that demand close-mowing and high wear.

As interest in perennial ryegrass products increases, Barenbrug has stepped in to offer greater flexibility, suited to areas requiring fine turf and high wear. Barenbrug's purpose-bred perennial ryegrasses are designed to last during the season, offering solutions for common problems from weather extremes and demands of the course and players.

The backbone of the Ultrafine range is the market leading variety, *Barolympic*. With a score of 8.6 in the 2025 BSPB G4 table of Turfgrass Seed, *Barolympic* is by far the standout perennial ryegrass variety for high quality, close mown turf.

Barpersie, a new cultivar to Ultrafine products for 2024, has an excellent combination of wear tolerance, shoot density, visual merit, and leaf fineness. It is ranked #2 in Table L1 of Turfgrass Seed with top scores for both Visual Merit and Shoot Density. Its very low slow regrowth score backs up its proven performance under wear (ranked #10 on table S1) – this variety has further built on **Ultrafine 100**'s undoubted reputation as **THE** outstanding summer sports ryegrass blend.

Ultrafine products available include:

- Ultrafine 30 - A 30% perennial ryegrass blend, see page 20.
- Ultrafine 60 - A 60% perennial ryegrass blend, see page 20.
- Ultrafine 100 - A 100% perennial ryegrass blend, see page 21.



SOS Fastest overseeding solution.

The saviour of the winter season, this specially formulated solution germinates quickly to resurrect high traffic areas from mid-season turf damage, aiming for the fastest possible establishment and growth in cool temperatures.

- Designed for emergency winter turf repair
- Fast germination, establishment and growth
- Can be used at temperatures as low as 3.5°C

SOS is designed with mixture synergy in mind, utilising tried and tested Barenbrug annual and perennial ryegrass cultivars for a longer-term winter repair solution.

Barterra is a fine-leaved annual ryegrass that will germinate as low as 3.5°C; quicker and at lower temperatures than perennial ryegrass, including tetraploid varieties.

Barenbrug research shows the advantages of using a hard-wearing diploid perennial ryegrass, rather than a tetraploid alternative, as a partner to annual ryegrasses for winter grass seed mixtures.

Overseeding at lower temperatures

In recent trials - overseeded in January at a soil temperature of 6.2°C - **SOS** was shown to establish and restore a sward faster than a perennial ryegrass, recovering from 20% to more than 60% within a month (see Fig. 1).

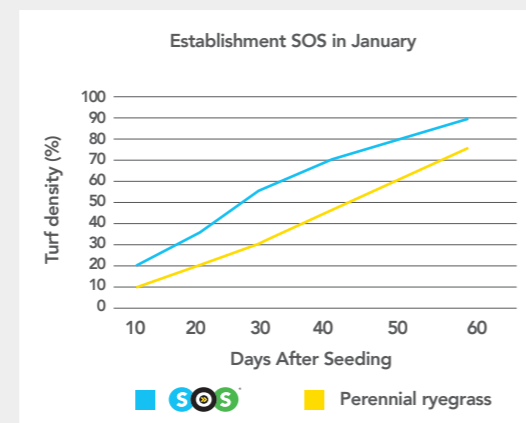


Figure 1

Products available with SOS technology:

- SOS for Football & Rugby, see page 31.
- SOS for Racecourses, see page 43.



Revolutionary technology: regenerating grass.

Regenerating Perennial Ryegrass (RPR) is a group of cultivars bred from Barenbrug's grass breeding stations that delivers unparalleled recovery from wear and a naturally self-regenerating growth habit.

- Faster establishment compared to normal perennial ryegrasses, particularly 'fill-in' between disc-seeding lines or in golf divot repair
- Gives a very dense sward, excellent wear tolerance and unparalleled recovery after wear
- Added traction strength due to interconnected plants, RPR's creeping growth habit helps fill in sand slits and drainage lines

Normal perennial ryegrasses exhibit a purely tufted growth habit, with limited sideways growth. Barenbrug's unique RPR cultivars produce determinate stolons (Fig. 1) (a stem that grows below the ground surface) as it establishes and grows.

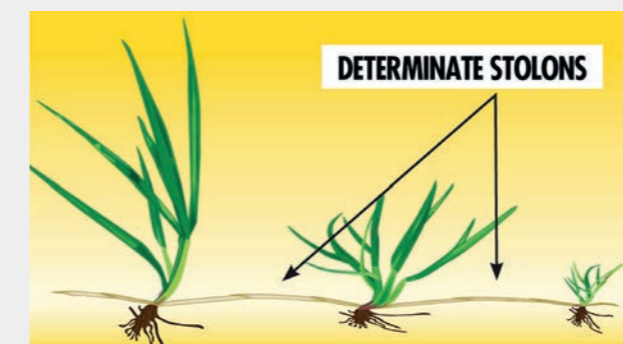


Figure 1 - The lateral growth habit results in fast establishment between seeding lines and unparalleled capacity for recovery after and during wear. Figure 2 clearly shows the rapid spread of RPR.



Figure 2 - Perennial ryegrass (left) v RPR (right), both sown at the same time.

The determinate stolons are growth shoots emerging from auxiliary buds at the base of each plant. When an RPR plant is damaged, creating space, determinate stolons will grow horizontally into the empty space and develop roots (Fig. 1). Each RPR plant connects to other plants and into the top layer of the soil; this produces a network of stolons.

Our unique products that utilise the RPR technology - **RPR Sport, RPR Golf, RPR Sprint** - are blends of hard-wearing perennial ryegrasses and the RPR cultivars, *Barlibro* and *Barpropel*, for the renovation and construction of elite winter sports pitches, racecourses, and golf courses.

Barpropel is new to the portfolio for 2025, enhancing traits such as leaf fineness and shoot density in **RPR Golf**.

Products available in the RPR Range:

- RPR Golf, see page 23.
- RPR Sport, see page 30.
- RPR Sprint, see page 43.

Golf

Parkland, heathland or links – we have you covered from tee to green.

With over 3000 golf courses in the UK and Ireland, it's not surprising to hear how different the needs and experiences of golf course managers are.

Whether you are alone managing a remote 9-hole links course on the Atlantic coast or leading a team of twenty staff on a pristine striped parkland in a large city, we have the knowledge, research and breeding to help find a solution to your problem. From a wiry salt-tolerant fescue to an immaculate polished fine-leafed ryegrass, we have bred it, tested it, grown it, and bagged it!

In the pages that follow, our golf range is presented in groups: ryegrass-free, ryegrass and fescue mixtures, and pure ryegrass.



INTRODUCTION

TECHNOLOGY GROUPS

GOLF

FOOTBALL & RUGBY

CRICKET & TENNIS

RACING & EQUESTRIAN

TECHNICAL & SUPPORT

All Bent

A 100% browntop bentgrass blend designed for overseeding and species exchange in golf and bowling greens.

- Blend of three browntop bentgrass cultivars
- NEW FOR 2025 - *Howden* ranked #2 browntop
- *BarKing* has particularly strong *Microdochium* (Fusarium) tolerance
- 100% browntop bentgrass delivers superior performance in shade

Usage

Designed for the construction and overseeding of golf and bowling greens.

Features & Benefits

A 100% browntop bentgrass blend designed for overseeding and species exchange in greens. It is of particular interest to golf courses focussed on outcompeting *Poa annua* and improving *Microdochium* (Fusarium) tolerance of greens.

New for 2025 is the inclusion of *Howden*, the #2 ranked variety alongside *Charles* the #3 ranked browntop bentgrass. Their scores for visual merit and shoot density promise to have a major impact as part of a species exchange programme, improving golf greens and out-competing the ubiquitous *Poa annua*.

BarKing is a European-bred variety with exceptional tolerance to *Microdochium* Patch disease (Fusarium) and superior winter colour.

Recent data from the USGA suggests browntop (colonial) bentgrass is superior to creeping bentgrass in performance under low light or shade conditions (see Fig. 1). This correlates with 7-8 weeks of additional optimal light conditions for browntop in the UK, compared to creeping bentgrass.

Relative Shade Tolerance of Common Turfgrasses

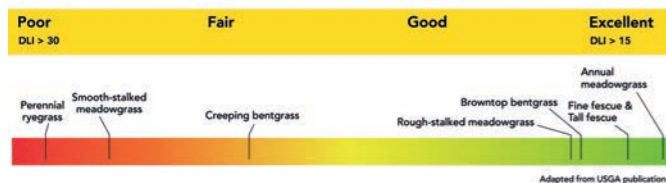


Figure 1 - Relative Shade Tolerance of Common Turfgrasses

- Greens Tees Fairways Walkways Roughs

How to use it

- Sowing rate: 8-10g/m²
- Overseeding rate: 4-6g/m²
- Sowing depth: rootzone contact
- Mowing height: down to 3mm

In the bag		Bag size 20kg
55%	BarKing	Browntop bentgrass
35%	Charles	Browntop bentgrass
10%	Howden	Browntop bentgrass

Find out more at barenbrug.co.uk/all-bent

Classic 80:20

The traditional 80:20 mix of red fescue and browntop bentgrass, for a consistent and balanced fine-turf sward when sowing out greens.

- 80:20 fescue:bent remains the preferred option in independent trials for seeding out new golf greens
- Combination of high shoot density and disease tolerance assists in out-competing *Poa annua*



Usage

Construction of free-draining fine-turf areas.

Features & Benefits

Red fescue contributes to 80% of the mixture and is made up of both slender creeping red fescue and Chewings red fescue. The combination of these two sub-species offers the best solution for year-round performance and growth in fescue-dominant turf.

Includes the highly rated Chewings red fescues, *Bodega* and *Barlineus*, and slender creeping red fescues, *Barnoustie* and *Barquess* which are both new additions for 2025. These are combined with the #3 rated available browntop bentgrass on the market, *Charles*, with a mean score of 7.6 in Table G1 of Turfgrass Seed 2025, and *BarKing* with exceptional *Microdochium* Patch disease (Fusarium) tolerance and superior winter colour.

Chewings fescues will generally be most active in spring through to mid-summer, whereas slender creepers "kick-in" during early summer and perform to autumn.

- Greens Tees Fairways Walkways Roughs

How to use it

- Sowing rate: 20-30g/m²
- Overseeding rate: 10-20g/m²
- Sowing depth: rootzone contact
- Mowing height: down to 4mm

In the bag		Bag size 20kg
20%	Barnoustie	Slender creeping red fescue
20%	Barquess	Slender creeping red fescue
20%	Barlineus	Chewings red fescue
20%	Bodega	Chewings red fescue
10%	BarKing	Browntop bentgrass
10%	Charles	Browntop bentgrass

Find out more at barenbrug.co.uk/classic-80-20

Fescue

Barenbrug's most popular blend of red fescue cultivars ideally suited to free-draining, sandy soil.

- 60% slender creeping red fescue & 40% Chewings red fescue
- Features a combination of 5 highly ranked fescue cultivars
- Ideal for free-draining, sandy links greens
- Superb all-round disease tolerance, particularly Dollar Spot and *Microdochium*

Usage

Construction and overseeding of free-draining fine-turf areas.

Features & Benefits

The market-leading and top-performing fescue blend for overseeding and construction of free-draining fine turf.

The 2025 mixture contains five cultivars, three of which are recently released to the market – *Barnoustie*, *Barquess*, and *Dancing*.

Barnoustie and *Barquess*, with BSPB mean scores of 8.0 and above in both L4 and G3 tables promise new levels of quality for slender creeping red fescue, and *Dancing* enters the Chewings G2 table ranked #3. All are ably supported by #2-ranked *Barlineus*.

Barquess, with its pale green colour offers particularly fast early season growth for a slender, and recent trials point to *Barnoustie* having a very high degree of Dollar Spot tolerance, which is also worth noting.



- Greens Tees Fairways Walkways Roughs

How to use it

- Sowing rate: 25-35g/m²
- Overseeding rate: 15-25g/m²
- Sowing depth: 8-12mm below thatch
- Mowing height: down to 4mm

In the bag		Bag size 20kg
30%	Barquess	Slender creeping red fescue
30%	Barnoustie	Slender creeping red fescue
15%	Barlineus	Chewings red fescue
15%	Dancing	Chewings red fescue
10%	Bodega	Chewings red fescue

Find out more at barenbrug.co.uk/fescue



Fairway

A balanced blend of red fescue sub-species designed for free-draining and coastal areas.

- 100% red fescue mix shines on heaths and links courses, resisting drought conditions
- Also recommended for inland sites looking to reduce worm casting on fairways
- High quality cultivars with excellent disease resistance



Usage

Overseeding, divoting and construction of free-draining turf areas.

Features & benefits

FAIRWAY is an excellent blend of the red fescue sub-species; slender creeping, strong creeping and Chewings.

The Red fescue cultivars in the mix are all excellent performers and are all well ranked in the lawn tables of BSPB Turfgrass Seed 2025 booklet.

Of particular note is the outstanding red thread tolerance of *Barrisse* (#1) and *Barpearl* (#3), an important factor in fairways under low nutrition.

- Greens Tees Fairways Walkways Roughs

How to use it

In the bag		Bag size 20kg
45%	Barrisse	Strong creeping red fescue
25%	Viktorka	Slender creeping red fescue
20%	Barpearl	Slender creeping red fescue
10%	Bodega	Chewings red fescue

Find out more at barenbrug.co.uk/fairway

Open Rough

A specialist blend of grass species designed to create a visually attractive and wispy rough.

- Early flowering seed heads to give definition in areas of outer rough
- Produces an attractive open, wispy sward to improve playability
- Option to add in additional specialist grasses to create a bespoke mix



Usage

Establishing areas of outer rough that are either left uncut or mown infrequently.

Features & benefits

The choice of grasses for outer roughs can make a huge difference to the visual appearance and playability of a golf course, not to mention serving as a habitat for wildlife.

OPEN ROUGH has been designed to produce an attractive, open textured sward that is visually appealing whilst at the same time being playable.

The use of slower growing grass species combined with the reduced sowing rate creates a rough that, subject to soil fertility, will not develop into a dense rough that 'swallows' golf balls.

Crested dogstail and hard fescue are both early flowering species. This means that they will produce a seed head earlier in the year, giving excellent definition and aesthetics.

Optional additional species – Sweet Vernal, Small Leaf Timothy, Yellow Oatgrass, Quaking Grass, Wavy Hairgrass, Tufted Hairgrass. Please enquire with your Barenbrug distributor or representative for further details on bespoke options.

- Greens Tees Fairways Roughs

How to use it

In the bag		Bag size 20kg
35%	Hard fescue	
35%	Slender creeping red fescue	
27.5%	Crested dogstail	
2.5%	Browntop bent	

Find out more at barenbrug.co.uk/open-rough

Shoreline

An innovative 100% blend of slender creeping red fescues for areas exposed to high salinity, such as links and other coastal courses.

- 100% slender creeping red fescue blend
- Germination and survival in salt areas
- New for 2025: *Barnoustie* and *Barquess* – the latest varieties from our European breeding programme

Usage

Overseeding and construction of free-draining medium-fine turf areas exposed to saline conditions.

Features & benefits

The name SHORELINE is derived from the Latin *litoralis*, the species name for slender creepers. The mix contains three top-10 ranked varieties in Turfgrass Seed G3: *Barnoustie*, *Barquess* and *Viktorka*.

Providing a superior salt tolerance for fescue dominant golf greens on links and seaside golf courses exposed to salt spray and salt-laden winds, it is suitable for the construction and overseeding of all areas of free-draining turf exposed to salt.

Salt tolerance is a complex issue. Most salt stress issues experienced on golf courses throughout the UK and Ireland are caused by salt spray or salt laden winds. Problems associated with high salinity soils are much more complex, and more difficult to manage due to the ability of varying soil particles to attract salt under differing environmental conditions.

The grass plant's response to salt stress can vary significantly during its life cycle. The plant's capabilities at different stages, from germination to established sward must therefore be tested to realise any practical solutions for a dedicated grass seed mix.

Testing on established grass plants has been carried out in two distinct environments; in a glasshouse grown in rootzone and secondly in field trial sites in native soils and imported rootzones from locations naturally exposed to salt stress. Slender creeping red fescue generally demonstrates superior salt tolerance in comparison with Chewings fescues. (See Fig. 1).

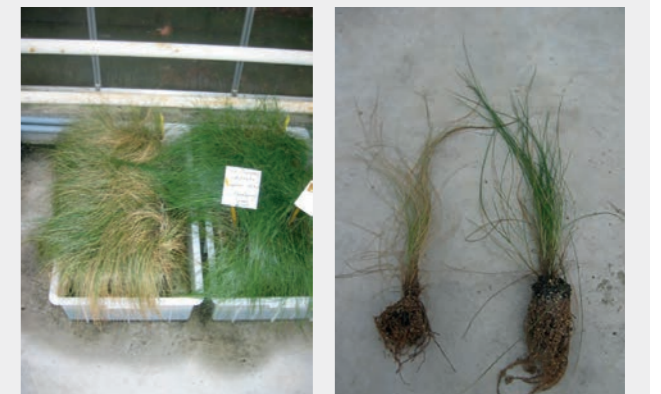
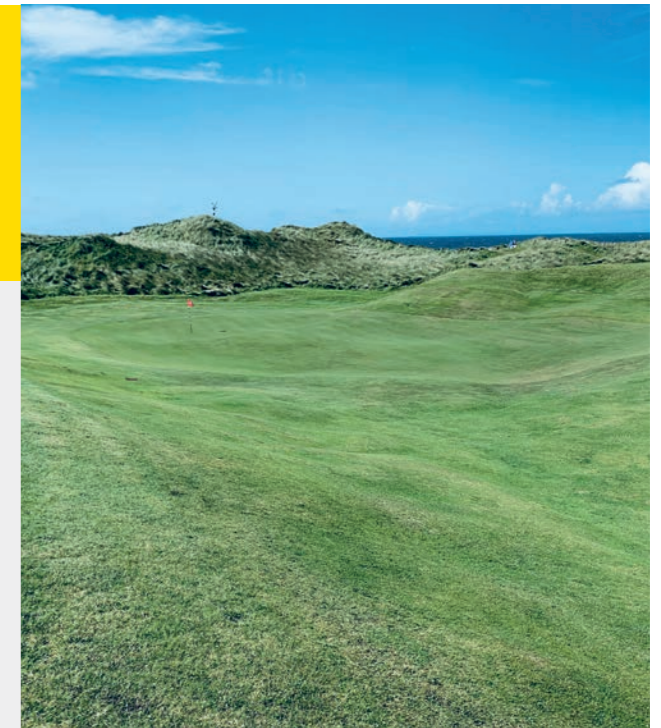


Figure 1 - Glasshouse salt tolerance trial on three month old established plants at Barenbrug Research. Chewings fescue (left) versus slender creeping red fescue (right) at 30,000ppm salt water irrigation over a period of three months.

- Coastal

How to use it

In the bag		Bag size 20kg
50%	Barnoustie	Slender creeping red fescue
25%	Barquess	Slender creeping red fescue
25%	Viktorka	Slender creeping red fescue

Find out more at barenbrug.co.uk/shoreline

Hard Fescue

Hard fescue as a turfgrass is a large part of the SGT promise. The species features strongly in both **SGT Fine Fescue** and **SGT Rye Fairway**.

The species traits of hard fescue are well documented – its value as a turfgrass comes from its ability to withstand abiotic stresses such as drought and low fertility. This has been proven in independent trials, for example in rainout/drought trials at Landlab in Italy and Barenbrug breeding stations, hard fescue always out-performs red fescue during stress periods (Fig. 1).



Figure 1 - Drone Image From Landlab. Highlighted plots are the hard fescue. The quality and endurance of hard fescue stood alone during the most intense heat.

Hard fescue has been worked on and improved by plant breeders extensively over the last 15-20 years. We are now seeing this work bear fruit, with new and improved cultivars reaching the market.

Included in SGT Fine Fescue for 2025 are two new varieties of hard fescue, *Barlegant* and *Beacon*. *Barlegant* offers a new standard of turf quality for the species and is listed as the new #1 cultivar in Table L6 of Turfgrass Seed 2025; *Beacon* is not far behind in the #2 position.

In the GEVES Turfgrass List (Fig. 2; independent trials in several European countries), *Beacon* is #1-ranked for hard and sheep's fescue for a range of traits, including Lawn Index, Global Aesthetics, Shoot Density, Wear Tolerance and Red Thread Tolerance. The introduction of these two new cultivars cements SGT Fine Fescue in its market-leading position for overseeding links and heathland fairways.

Variety	Lawns Index	Shoot Density	Global Aesthetic Qualities
Beacon	7.34	8.85	7.61
Aloa	7.28	8.58	7.47
Barlegant	7.03	8.53	7.33
Hardtop	6.74	8.08	6.78
Quatro	6.6	7.91	6.45
Reliant II	6.45	7.89	6.42
Dumas 1	6.31	7.43	6.35
Mentor	6.23	7.87	6.28
Blues	5.71	7.04	5.63

Figure 2 – GEVES Turfgrass List hard & sheep's fescue 2024 summarised data.



Disease Tolerance

Disease tolerance is an increasingly important focus of Barenbrug's turfgrass breeding programme for Europe. SGT products contain varieties that have the highest levels of protection against a range of relevant pathogens.

Hard fescue as a species has excellent tolerance to Dollar Spot, which is an increasing concern, particularly on links courses. Figure 3 has data from recent NTEP trials, showing that hard and sheep's offers higher levels of tolerance on average compared to the red fescue sub-species. Overseeding fairways with **SGT Fine Fescue** is likely to be a good option to improve fairway performance against Dollar Spot.

	Dollar Spot Tolerance - All data, all locations 2015-2019 NTEP			
	FRR (Strong)	FRC (Chewings)	FO (hard/sheep's)	FRL (slender)
cultivars	6.9	8.2	8	7.4
	6.7	7.9	7.8	6.6
	6.7	7.8	7.7	5.9
	6.6	7.7	7.7	5.6
	6.2	7.6	7.6	
	6.1	7.6	7.5	
	5.8	7.5	7.5	
	5.6	7.4	7.4	
	5.4	7.2	7.4	
	5.2	7.1	7.2	
	5.2	7	7.2	
	5.1	7		
	4.9			
	4.9			
	4.7			
Mean	5.73	7.50	7.55	6.38

Figure 3 - 2015-2019 NTEP Fine fescue trials; all data, all locations.

Pest Tolerance

Hard fescue swards are also showing consistently lower damage from pests, including leatherjackets and worms. It appears that the abrasive texture of the leaves and/or the linin content of any thatch build-up decreases egg-laying and worm-casting (see example in Fig. 4).



Figure 4 – Photograph of reduced pest activity in areas of hard fescue turf cover.

SGT Fine Fescue

Pure fine fescue blend, utilising our sustainable grass technology (SGT), with varieties bred to deliver reduced water, fertiliser and chemical inputs.

- SGT technology offers outstanding turf performance with reduced water, fertiliser and chemical inputs
- An innovative mixture of fine fescue species
- 50% hard fescue for increased drought tolerance
- High tolerance to Dollar Spot and Red Thread pathogens



Usage

Overseeding, divoting and construction for medium-fine turf on sites with particular drought stress.

Features & benefits

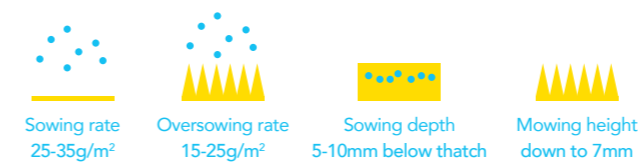
Central to the product is a large proportion of hard fescue, a fine fescue species with well-documented tolerance to drought and heat stress and proven performance with low-input maintenance, as well as good overall turf quality for density and visual merit, helping to maintain good aesthetics in the harshest environments. Hard fescue also offers increased Dollar Spot tolerance and a potential reduction in insect damage.

New cultivars of hard fescue *Barlegant* and *Beacon* offer unparalleled turf quality parameters for the species in both UK and European trials (BSPB Turfgrass Seed and GEVES Turfgrass List).

The mix also includes the new #1 & #2-rated slender creeping red fescues *Barnoustie* and *Barquess* for added turf quality and density, and *Barrissee*, the #1-ranked strong creeping red fescue cultivar for Red Thread tolerance.

- Greens
- Tees
- Fairways
- Walkways
- Roughs

How to use it



In the bag	Bag size 20kg
25% Barlegant	Hard fescue
25% Beacon	Hard fescue
20% Barquess	Slender creeping red fescue
15% Barnoustie	Slender creeping red fescue
15% Barrissee	Strong creeping red fescue

Find out more at barenbrug.co.uk/sgt-fine-fescue

SGT Rye Fairway

Utilising our sustainable grass technology (SGT) delivering grass requiring reduced water, fertiliser and chemical inputs.

- SGT technology offers outstanding turf performance with reduced water and chemical inputs
- Drought and disease tolerance, and superior colour
- *Barprimum* for fine-leaf grass with proven capacity for nitrogen-use efficiency



Usage

Overseeding, divoting and construction of medium-fine turf areas across a range of soil types.

Features & benefits

Our innovative mixture of four grass species. The "driver" of the mixture is *Barprimum* perennial ryegrass. An outstanding fine-leafed ryegrass with proven capacity for nitrogen-use efficiency; put simply, it requires far less nitrogen (up to 50% less) to deliver equivalent turf performance.

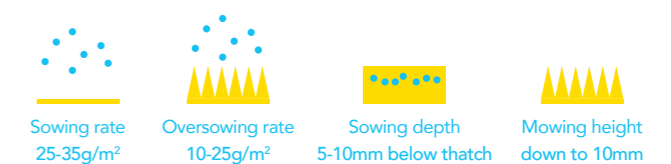
Barprimum is highly ranked with a mean score of 7.4 on Table L1 and exhibits strong summer colour, another useful characteristic for low-input golf fairways.

The fine fescue cultivars are chosen for their sustainable performance characteristics also. In trials at Landlab in Italy, *Hardtop* hard fescue and *Barjessica* strong creeping red fescue perform particularly well in periods of heat and drought.

The mixture exhibits high disease tolerance in low-input environments. Hard fescue copes well under Dollar Spot pressure, and both *Barpearl* and *Barjessica* have excellent Red Thread tolerance.

- Greens
- Tees
- Fairways
- Walkways
- Roughs

How to use it



In the bag	Bag size 20kg
30% Barprimum	Perennial ryegrass
35% Barpearl	Slender creeping red fescue
20% Hardtop	Hard fescue
15% Barjessica	Strong creeping red fescue

Find out more at barenbrug.co.uk/sgt-rye-fairway

Ultrafine 30

A 30% perennial ryegrass and red fescue blend for fine turf.

- Contains 30% *Barolympic* which has an outstanding mean score of 8.6 for close-mown turf
- Excellent combination of three red fescue varieties



Usage

Overseeding and construction of fine turf with moderate wear.

Features & benefits

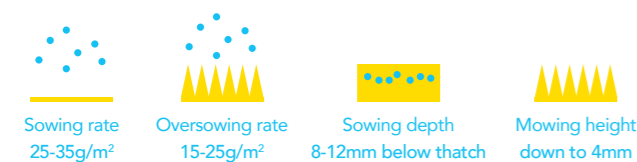
Barolympic is the market-leading cultivar ryegrass for summer sports use. It is ranked with a score of 8.6 in Table G4 of Turfgrass Seed 2025, the highest mean score in the entire publication, and comfortably above the next best variety in this close-mown test.

Barolympic is ranked #1 for pale colour and for fineness of leaf in Table G4. This makes it exceptionally easy to blend in with other grass species, such as red fescue or annual meadowgrass.

The red fescue cultivars *Barquess*, *Viktorka* and *Bodega* are strong performers, ranked #3, #10 and #14 in their respective tables in Turfgrass Seed, and help to maintain outstanding aesthetics and density.

- Greens Tees Fairways Walkways Roughs

How to use it



In the bag		Bag size 20kg
30%	<i>Barolympic</i>	Perennial ryegrass
30%	<i>Barquess</i>	Slender creeping red fescue
30%	<i>Viktorka</i>	Slender creeping red fescue
10%	<i>Bodega</i>	Chewings red fescue

Find out more at barenbrug.co.uk/ultrafine-30

Ultrafine 60

A 60% blend of fine turf perennial ryegrass and red fescue.

- 60% Ultrafine perennial ryegrasses combined with 40% fine red fescues
- *Barolympic* is the stand-out cultivar ryegrass for summer sports use
- *Barpersie* offers new and improved performance



Usage

Designed for the construction or overseeding of medium-fine and fine turf under high wear pressure.

Features & benefits

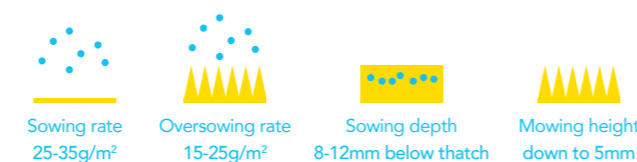
Barpersie is a new cultivar to ULTRAFINE products, introduced in 2024, with an enticing combination of wear tolerance, shoot density, visual merit, and leaf fineness. In Table L1 of BSPB Turfgrass Seed 2025 its scores of 8.7 for visual merit and 8.8 for shoot density are unmatched.

Barolympic is the market-leading cultivar ryegrass for summer sports use. It is ranked with a score of 8.6 in Table G4 of Turfgrass Seed 2025, the highest mean score in the entire publication, and comfortably above the next best variety in this close-mown test.

The remainder of the product is made up of highly ranked varieties of slender creeping red fescue; *Viktorka* and, new for 2025, *Barquess*. The fescue content in this mixture combines with the ryegrass to create a turf with exceptional density and high disease tolerance.

- Greens Tees Fairways Walkways Roughs

How to use it



In the bag		Bag size 20kg
30%	<i>Barolympic</i>	Perennial ryegrass
30%	<i>Barpersie</i>	Perennial ryegrass
20%	<i>Barquess</i>	Slender creeping red fescue
20%	<i>Viktorka</i>	Slender creeping red fescue

Find out more at barenbrug.co.uk/ultrafine-60

Ultrafine 100

A 100% blend of fine turf perennial ryegrasses, simply offering the best fine ryegrass product on the market.

- Exceptional fineness of leaf
- *Barolympic* is the stand-out cultivar ryegrass for summer sports use
- *Barpersie* offers new and improved performance

Usage

Overseeding and construction of fine turf with intense wear that demands tolerance to close-mowing. Golf green surrounds, pinch-points and walk-offs are perfect examples of where this product comes into its own.

Features & Benefits

Barpersie is a new cultivar to ULTRAFINE products, introduced in 2024, with an enticing combination of wear tolerance, shoot density, visual merit, and leaf fineness. With scores of 8.7 for visual merit and 8.8 for shoot density, it is unmatched. Its very low slow regrowth score backs up its proven performance under wear (ranked #10 on Table S1) – this variety builds on ULTRAFINE 100's undoubted reputation as the outstanding summer sports ryegrass blend.

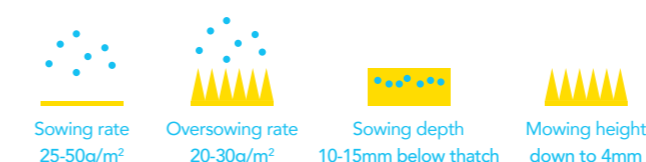
Barolympic is the market-leading cultivar ryegrass for summer sports use. It is ranked with a score of 8.6 in Table G4 of Turfgrass Seed 2025, the highest mean score in the entire publication, and comfortably above the next best variety in this close-mown test.

Barprimum is a recent cultivar from Barenbrug's breeding station in France. It forms a large part of the Sustainable Grass Technology (SGT) concept due to its independently proven drought tolerance, nitrogen-use efficiency, and disease resistance.

ULTRAFINE 100 truly offers unparalleled performance for perennial ryegrass under close-mowing.

- Greens Tees Fairways Walkways Roughs

How to use it



In the bag		Bag size 20kg
45%	<i>Barpersie</i>	Perennial ryegrass
40%	<i>Barolympic</i>	Perennial ryegrass
15%	<i>Barprimum</i>	Perennial ryegrass

Find out more at barenbrug.co.uk/ultrafine-100



Ultrafine



Rye Fairway

A reliable and balanced mixture of ryegrass and fescue for medium-fine turf with moderate wear and great all-round performance.

- Superior colour during playing season from *Barcristalla* perennial ryegrass
- High turf density from *Barpearl* and *Barrisie* red fescues
- Contains #1-rated strong creeping red fescue *Barrisie* for Red Thread tolerance



Usage

Overseeding, divoting and construction of medium-fine turf with moderate wear.

Features & benefits

The "driver" of the mixture is the perennial ryegrass component (50%). *Barcristalla* is a medium-fine ryegrass with excellent wear-tolerance and superior colour.

The red fescue cultivars are superior examples of their species and are ranked highly in BSPB/STRI Turfgrass Seed 2025. Of particular note for fairway applications is their outstanding Red Thread tolerance, with *Barrisie* #1-rated and *Barpearl* #3.

- Greens
- Tees
- Fairways
- Walkways
- Roughs

How to use it

Sowing rate: 25-35g/m²
 Overseeding rate: 10-25g/m²
 Sowing depth: 5-10mm below thatch
 Mowing height: down to 10mm

In the bag	Bag size 20kg
50% Barcristalla	Perennial ryegrass
25% Barrisie	Strong creeping red fescue
25% Barpearl	Slender creeping red fescue

Find out more at barenbrug.co.uk/rye-fairway

Extreme

Barenbrug's go-to blend of fine perennial ryegrasses, for all-purpose use in areas requiring medium-fine turf, close-mowing and high wear.

- 100% perennial ryegrass
- Most popular Barenbrug summer sports product



Usage

Overseeding, divoting and construction of medium-fine turf with intense wear. Producing a medium-fine turf for intensive wear and good tolerance of close-mowing regimes.

Features & benefits

All four Barenbrug-bred cultivars bring advantages and different characteristics to this product.

Barzico is an elite variety for medium-fine turf under wear traffic. It is ranked #3 on Table S1 and within the top third on L1 in BSPB Turfgrass Seed 2025. It was #1-ranked in a recent Barenbrug cricket trial at Loughborough University (see picture on page 36).

Barpersie is new for 2025 in EXTREME. A high performing, all round variety. Ranked #10 on Table S1 and #2 in Table L1 in BSPB Turfgrass Seed 2025. This new variety combines exceptional wear tolerance and recovery with fineness of leaf and density.

Baradona offers outstanding all-round wear tolerance, shoot density, and aesthetics. With a mean score 7.4 in Tables S1 and L1 of Turfgrass Seed 2025, it is one of the few varieties (with *Barpersie*) to hold high rankings in both lists.

Barsignum is an exceptional ryegrass for summer sports use. It is ranked highly in both G4 and L1 tables of BSPB Turfgrass Seed 2025.

If fineness of leaf or tolerance to very close mowing are the driving factors in product selection, ULTRAFINE 100 is recommended as a possible alternative.

- Greens
- Tees
- Fairways
- Walkways
- Roughs

How to use it

Sowing rate: 25-50g/m²
 Overseeding rate: 20-30g/m²
 Sowing depth: 10-15mm below thatch
 Mowing height: down to 5mm

In the bag	Bag size 20kg
35% Baradona	Perennial ryegrass
30% Barzico	Perennial ryegrass
25% Barpersie	Perennial ryegrass
10% Barsignum	Perennial ryegrass

Find out more at barenbrug.co.uk/golf-extreme

RPR Golf

Using Barenbrug's RPR (Regenerating Perennial Ryegrass) technology for fast establishment and unparalleled capacity for recovery from wear due to the self-regenerating growth habit.

- Barenbrug-bred regenerating ryegrass technology (RPR)
- Exceptional wear tolerance
- Fast recovery
- Good aesthetics
- 100% Barenbrug perennial ryegrass
- Barenbrug-bred varieties only



Usage

Overseeding, divoting and construction of golf turf with intense wear.

Features & benefits

The unique component of RPR GOLF is *Barpropel*, a **Regenerating Perennial Ryegrass (RPR)**. *Barpropel* is new for 2025 and represents the next generation of RPR technology, with finer leaf texture and enhanced wear tolerance.

RPR is a group of cultivars bred from Barenbrug's grass breeding stations that delivers unparalleled recovery from wear and naturally self-regenerating growth habit. It produces determinate stolons (a stem that grows along the ground surface as it establishes and grows as shown in Fig. 1), resulting in solid ground cover and unparalleled capacity for recovery after and during wear.

Barprimum is an exceptional ryegrass for summer sports use. It is ranked very highly in both G4 and L1 tables of BSPB Turfgrass Seed 2025.

Barpersie is a new inclusion in the mixture for 2025. *Barpersie* is a true all-rounder, ranking #10 in Table S1 and #2 in Table L1 of BSPB Turfgrass Seed 2025. Both *Barpersie* and *Barprimum* are part of our ULTRAFINE group of fine leaf perennial ryegrasses.

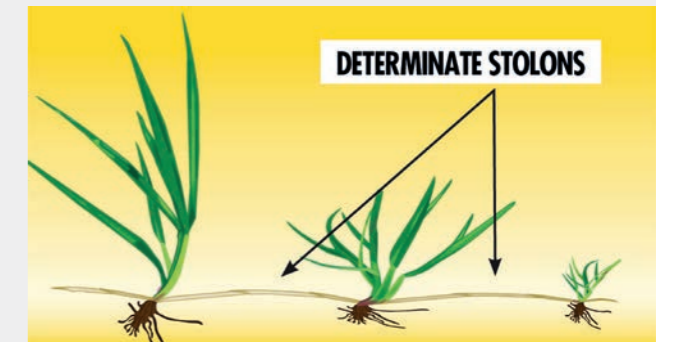


Figure 1 - Schematic diagram of determinate stolons in RPR.

Visit page 11 for further details on RPR innovation and research.

- Greens
- Tees
- Fairways
- Walkways
- Roughs

How to use it

Sowing rate: 25-50g/m²
 Overseeding rate: 20-30g/m²
 Sowing depth: 10-15mm below thatch
 Mowing height: down to 12mm

In the bag	Bag size 20kg
40% Barpropel	RPR Perennial ryegrass
30% Barpersie	Perennial ryegrass
30% Barprimum	Perennial ryegrass

Find out more at barenbrug.co.uk/rpr-golf

Barenbrug & St Andrews

“Our ongoing supplier agreement with Barenbrug for grass seed is valued. We always strive for the best, and the quality of product and support we receive is second to none in my opinion.”

Endurance is the defining quality of the Old Course, and often of its players. Nearly 500 years on, it welcomes 50,000 rounds annually, together with a constant stream of caddies, and (literally) every man and his dog walking over the public ground on a normal Sunday.

Tournament golf is never far away from the Old Course either. Host to the Open Championship for the 30th time in 2022, the Walker Cup matches for the ninth time in 2023 (100 years on from their second playing), the Old Course welcomed the best female golfers in the world for the Women’s Open for the third time in 2024.

The hallowed turf may feel as if it has been there forever but is under a regime of constant maintenance and inevitable replacement, by means of divot fill and overseeding. For almost thirty years, St Andrews Links Trust has used Barenbrug grass seed for this essential work.

Today, products such as Fescue, SGT Fine Fescue, and Ultrafine products are key to keeping the Old Course in excellent year-round condition. In addition to the Old Course, St Andrews Links Trust manages the New, Jubilee, Eden, Strathtyrum and Balgove courses as well as the Castle Course, sown out with Barenbrug seed and opened in 2008.

Sandy Reid, Director of Greenkeeping, commented, “Our ongoing supplier agreement with Barenbrug for grass seed is valued. We always strive for the best, and the quality of product and support we receive is second to none in my opinion.”

Football & Rugby

The products and the support to tackle the toughest opponents on the pitch.

The challenge of maintaining a fine quality surface under acute wear through the winter is answered with highly developed cultivars and blends.

Whether the period is eighty minutes or ninety, the fury of the game is the same. That intensity is transferred all too directly to the playing surface, but also, believe it or not, to the laboratory.

At Barenbrug's breeding stations, ongoing research, breeding and trialling for new varieties and blends aims squarely at providing you with the top scoring cultivars to enhance your pitch.

Look out for new, high performing cultivars for winter sports pitches, including *Barzico*, *Altivo*, *Barbasten* and *Barpersie* - the #3, #5, #6 and #10 ranked perennial ryegrass cultivars from the BSPB/STRI Turfgrass Seed 2025 booklet S1 table.

Elite Sport

The market leading grass seed product, for premium sport stadiums and pitches, with the top performing grass varieties on the market.

- High performance blend with mixture score of 7.92
- Containing 4 top-10 ranked varieties *Barzico* #3, *Altivo* #5, *Barbasten* #6 and *Barpersie* #10
- Four Barenbrug-bred varieties with strong all-round disease tolerance
- Maximum wear tolerance and early spring growth for recovery





Designed for premier pitches



Top visual merit



High disease tolerance



No. 1 rated mixture

Usage

Designed for elite winter sport stadiums and pitches, it focuses on the key characteristics of wear tolerance, recovery, camera-friendly grass colour and disease resistance. ELITE SPORT is changing the game for the renovation and construction of stadium and other high-quality pitches.

Top performing varieties

Barenbrug's ELITE SPORT product has been re-formulated for 2025 to include four of the top ten varieties in BSPB Turfgrass Seed 2025, including the new *Barpersie* for the first time.

Barzico holds the #3 position, trialled under winter sports wear simulation at 25mm height of cut. The cultivar originates from Barenbrug's Dutch breeding station and is a very strong all-round ryegrass suitable for many applications. Visually, it is mid-fine, extremely dense with a medium green colour.

Altivo, ranked #5, was launched in 2024 and possesses a broad range of beneficial traits. Early spring growth and high recovery are of particular note.

Barbasten is ranked #6. It is a true winter sports cultivar from Holland, coarser in the leaf, paler green and exceptionally active in winter/spring recovery. *Barbasten* brings additional *Drechslera* leaf spot tolerance to the product.

New for 2025 is the inclusion of the #10 ranked cultivar, *Barpersie*. The inclusion of *Barpersie* lifts the overall mixture score over last year's mixtures. *Barpersie* exhibits an excellent range of desirable traits, including high shoot density and recovery thanks to its strong spring growth.

Features & benefits

Every elite squad should have the perfect combination of characteristics. Our ELITE SPORT seed mix blends four of the toughest, most hardwearing perennial ryegrasses into a top performing team.


High wear tolerance and recovery

The mixture is formulated primarily on performance in the BSPB Turfgrass Seed 2025 booklet Table S1 for sports pitch wear simulation. All four cultivars are highly ranked, including the #3, #5, and #6 - ranked varieties, which means ELITE SPORT comfortably has an exceptional 'mixture score' of 7.92.


Desirable traits

ELITE SPORT combines cultivars that go beyond wear tolerance alone. *Barbasten* brings additional *Drechslera* leaf spot tolerance to the blend and *Barzico* combines highly-rated visual merit and wear tolerance. *Altivo* and *Barpersie* both exhibit early spring growth – an essential trait for achieving strong recovery.


How to use it




Sowing rate
30-50g/m²



Oversowing rate
15-30g/m²



Sowing depth
10-15mm below thatch



Mowing height
down to 18mm

In the bag	Bag size 20kg
30% Barzico	Perennial ryegrass
25% Altivo	Perennial ryegrass
25% Barbasten	Perennial ryegrass
20% Barpersie	Perennial ryegrass

Find out more at barenbrug.co.uk/elite-sport

Elite Defence

An innovative and new to market winter sports grass seed product, designed to deliver disease tolerance without compromise in performance, specifically for the needs and environments of premier sport stadiums.

- Proven high disease tolerance to Grey Leaf Spot (GLS) – *Amiata*, *Barprimum* and *Barorlando*
- Increased tolerance to *Drechslera* Leaf Spot and Brown Patch *Rhizoctonia*
- High performance and wear tolerance with top-ranked varieties *Barzico* #3 and *Barbasten* #6 BSPB Turfgrass Seed
- All European-bred Barenbrug diploid varieties for superior UK winter performance
- *Amiata*, *Barprimum* and *Barorlando* have darker genetic colour for a rich green appearance, desirable on fully renovated stadium pitches



Usage

ELITE DEFENCE is formulated for the specific needs of elite winter sport stadiums, delivering exceptional and proven disease tolerance against Grey Leaf Spot (GLS), *Drechslera* Leaf Spot and Brown Patch *Rhizoctonia* without compromise in wear tolerance and overall performance.

Disease tolerance

More detailed information is given on page 6.

Grey Leaf Spot (GLS)

As part of a major variety screening programme undertaken in Europe by Barenbrug breeders, *Amiata*, *Barprimum* and *Barorlando* have been identified as being highly tolerant to the damaging disease Grey Leaf Spot (GLS), caused by *Pyricularia grisea* or *P. oryzae* (see Fig. 1). These three varieties are all bred by Barenbrug in France and are wear-tolerant diploid cultivars.

Drechslera Leaf Spot

Drechslera Leaf Spot is a very common disease affecting stadium pitches in winter, proliferating in cool, damp and shaded conditions. Independent trials, including BSPB in UK and GEVES across several European countries, have highlighted *Barprimum* and *Barbasten* as being particularly tolerant against this pathogen. Data is provided on page 7.

Rhizoctonia Brown Patch

A less common disease issue in the UK, Brown Patch can be a problem during a hot and humid renovation period. Internal Barenbrug trials have shown *Barprimum* and *Barbasten* will offer good protection against this disease.

Top performing varieties

Disease tolerance is only one aspect of ELITE DEFENCE. Crucially, the performance and wear tolerance of the five varieties in UK winter sports conditions is also very strong. Central to this is the utilisation of only European-bred diploid cultivars, which offer far better wear tolerance than tetraploid or American-bred grasses.

Barzico holds the #3 position in BSPB Turfgrass Seed Table S1, trialled under winter sports wear simulation at 25mm height of cut. *Barbasten* is ranked #6 in the same trials. Both varieties are bred in Holland and have later heading

characteristics, which make them exceptionally active in winter/spring recovery.

Barorlando is itself a former #1 in BSPB trials, and performs very well in wear trials across Europe. *Amiata* and *Barprimum* have both been trialled in the UK. Although *Barprimum* performs less well in Bingley, it topped internal Barenbrug trials at Cropvale in Worcestershire. *Amiata* returned above average scores in UK trials. *Barorlando*, *Amiata* and *Barprimum* originate in France, and are generally earlier in their heading dates. Five varieties, with diverse genetic backgrounds, provides excellent mixture synergy overall.

Camera-friendly colour

Another significant benefit of ELITE DEFENCE over other market options is a strong mid-green genetic colour. *Barorlando*, *Amiata* and *Barprimum* all offer benefits on this front, with impressive colour scores of 7.2, 6.3, and 7.0, respectively in BSPB S1 trials. Combined with their disease tolerance, this promises excellent visual aesthetics throughout the season for HD TV cameras.




Figure 1


How to use it




Sowing rate
30-50g/m²



Oversowing rate
15-30g/m²



Sowing depth
10-15mm below thatch



Mowing height
down to 18mm

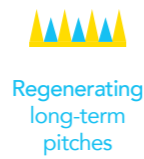
In the bag	Bag size 20kg
20% Barzico	Perennial ryegrass
20% Barbasten	Perennial ryegrass
20% Barprimum	Perennial ryegrass
20% Amiata	Perennial ryegrass
20% Barorlando	Perennial ryegrass

Find out more at barenbrug.co.uk/elite-defence

RPR Sport

Recovery time is the real measure of fitness. This mix regenerates to keep your pitch looking its best all season long.

- Barenbrug-bred RPR technology for fast establishment and unparalleled capacity for recovery from wear
- Tried and tested at our research station, focused on wear tolerance and recovery for high performance pitches
- 100% perennial ryegrass for areas of intensive traffic
- Barenbrug-bred varieties only



Regenerating long-term pitches

Usage

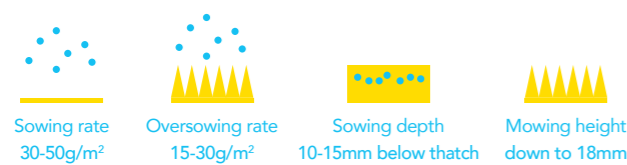
Wear is inevitable, and for some that means a complete annual renovation, but if that is not possible or is undesirable, RPR SPORT can help. Its unique blend of regenerating perennial ryegrasses copes with high use to maintain the playing surface throughout the year.

Features & benefits

The unique component of RPR SPORT is *Barlibro*, a **Regenerating Perennial Ryegrass (RPR)**, the result of detailed research and trials, which produces determinate stolons, resulting in excellent ground cover with unparalleled capacity for recovery. RPR SPORT is strengthened with the highly rated *Altivo* and *Barpersie*, which add proven wear tolerance. *Barorlando* is a tried and trusted cultivar, bringing high wear tolerance and a darker green colour to the mixture.

Visit page 11 for further details on RPR innovation and research.

How to use it



In the bag	Bag size 20kg
40% Barlibro	RPR Perennial ryegrass
30% Barorlando	Perennial ryegrass
15% Barpersie	Perennial ryegrass
15% Altivo	Perennial ryegrass

Find out more at barenbrug.co.uk/rpr-sport

Multi Sport

Our all-purpose sport field mixture. When your fields are mixed use, we don't think you should have to compromise on seed mix quality.

- Includes 3 of the top-10 ranked ryegrasses
- 100% Barenbrug-bred cultivars from our European breeding programmes
- Excellent speed of establishment and recovery from winter wear
- Utilises cultivars that perform well in both S1 (Sport: 25mm with wear) and L1 (Lawn: 10-15mm) BSPB trials



All-round sport use

Usage

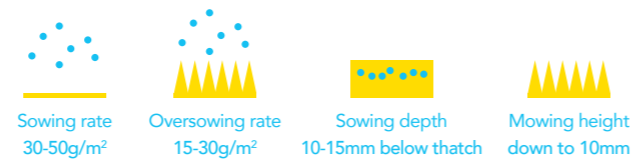
The ultimate all-rounder, ideally suited for multi-use sports pitches such as winter sports pitches that are then used for cricket outfields through the summer, sport fields, grounds and pitches.

Features & benefits

The highlight of this blend is *Altivo*, rated #5 in BSPB Turfgrass Seed for winter sports pitches under wear. Its proven performance as a hard-wearing ryegrass gives you the confidence that your pitches will be sustained throughout the season. Cultivars like *Altivo*, *Barbasten* and *Barpersie* are selected for excellent performance on both BSPB Turfgrass Seed tables S1 and L1, demonstrating the adaptability for multiple use sports fields and variable seasonal mowing heights. MULTI SPORT is formulated to utilise a high proportion of seed produced here in the UK – reducing the carbon footprint of delivering this product to market.

Barorlando and *Barcristalla* are proven, all-round high performing varieties. But where they differ is that they combine dark green genetic colour and high wear tolerance, giving this blend a deep green colour.

How to use it



In the bag	Bag size 20kg
35% Barorlando	Perennial ryegrass
20% Altivo	Perennial ryegrass
20% Barbasten	Perennial ryegrass
15% Barcristalla	Perennial ryegrass
10% Barpersie	Perennial ryegrass

Find out more at barenbrug.co.uk/multi-sport

Smooth Sport

Dedicated smooth-stalked meadowgrass and perennial ryegrass mixture.

- Suitable predominantly for construction of winter sports in a range of soil types
- Smooth-stalked meadowgrass offers vigorous recovery from wear due to rhizomes if sufficient establishment time is afforded to the mixture
- Features highly ranked cultivars



Usage

Construction of winter sports pitches, allowing at least three months for the smooth-stalked meadowgrass to establish.

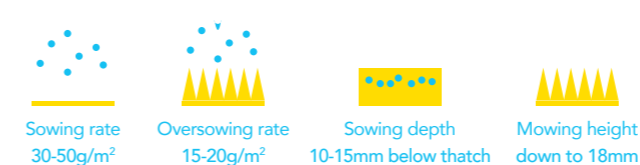
Features and benefits

Bariris is ranked in the top-10 varieties in BSPB Turfgrass Seed 2025 booklet Table S2.

Barzico and *Barbasten* are elite quality perennial ryegrasses, being ranked #3 and #6 respectively in Turfgrass Seed Table S1.

A favourite for its good wearing qualities and regrowth, smooth-stalked meadowgrass has rhizomes that enable it to recover quickly from wear during the winter season. Combined with the ryegrasses in this mix, the balance of characteristics make it particularly suitable for winter sports pitches.

How to use it



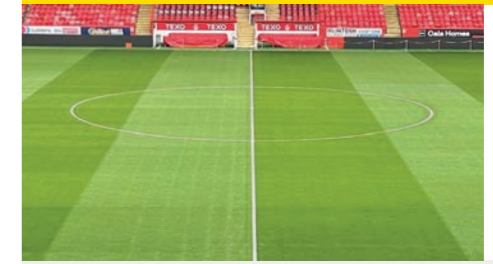
In the bag	Bag size 20kg
40% Barbasten	Perennial ryegrass
40% Barzico	Perennial ryegrass
20% Bariris	Smooth stalked meadow grass

Find out more at barenbrug.co.uk/smooth-sport

SOS

The ground team's emergency service. SOS gives fast germination to repair worn or damaged surfaces in the coldest months.

- Purpose-bred varieties, designed for emergency repair of winter sports pitches
- Fast germination, establishment and growth
- Overseeding and patching blend of ryegrass species that germinate and grow vigorously at very low temperatures



Overseeding

Usage

Designed for emergency mid-season turf repair, aiming for the fastest possible germination, establishment and growth in cool temperatures.

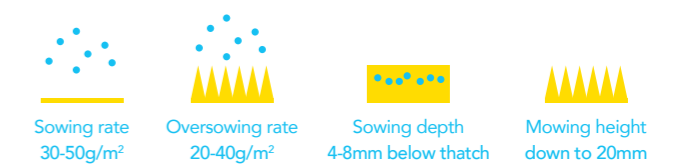
Features & benefits

The saviour of the winter season, this specially formulated product contains varieties that germinate and establish quickly to resurrect high traffic areas on any pitch. *Barterra* is an annual ryegrass that will germinate as low as 3.5°, quicker and at lower temperatures than perennial ryegrass, including tetraploid varieties.

Barolympic provides a longer-term solution with good performance characteristics. *Barolympic* is a particularly wear tolerant variety but it has an additional trait that makes it a perfect fit for this mixture. In repeat testing, *Barolympic* consistently outperforms other ryegrasses for low temperature germination.

Visit page 10 for further information on SOS

How to use it



In the bag	Bag size 20kg
50% Barterra	Annual ryegrass
50% Barolympic	Perennial ryegrass

Find out more at barenbrug.co.uk/sos

Barenbrug & Portsmouth FC

"After a successful season with no fungicide applications, the new Elite Defence mix was the obvious choice for us."

Neil Stephenson, Grounds Manager of Portsmouth Football Club, has seen outstanding results using Barenbrug UK's innovative grass seed solutions over the past two years. Facing the challenges of increased Grey Leaf Spot, Neil opted to trial Barenbrug's disease-tolerant mix in 2023, followed by Elite Defence in 2024, and hasn't looked back since.

"With the rise in Grey Leaf Spot, in 2023/24 season we trialled the disease tolerant mix developed by Barenbrug and after a successful season with no fungicide applications, the new Elite Defence mix was the obvious choice for us in 24/25."

Cricket & Tennis

Highly refined blends to meet the tests of the British summer's sports.

Aside from the intense wear to which summer sports surfaces are subject, the unpredictability of the British weather adds an extra dimension.

Managing fine lawns and squares with close-mowing regimes heightens the risk of material damage through intense traffic and increasingly through drought - a more widespread feature of summers.

Through ongoing research at Barenbrug's breeding stations we are investing in future blends to help maintain the quality of the cricket pitches and lawn tennis courts for which the nation is world famous.

Look out for *Barolympic*, *Barpersie* and *Barzico*, three stand-out varieties in the BSPB/STRI Turfgrass Seed 2025 booklet that underpin our grass products for summer sports.

Extreme

Barenbrug's go-to blend of fine perennial ryegrasses, for all-purpose use in areas requiring medium-fine turf, close-mowing and high wear – ideally suited to all levels of cricket squares.

- 100% perennial ryegrass for use in multi-purpose sport areas
- Formulated to withstand the high demands of cricket squares, tennis and other high impact areas
- Fast establishment
- Most popular Barenbrug product for summer sports



Usage

Designed to create the perfect, lasting surface for cricket squares and outfield, when overseeding, divoting and constructing. Producing a medium-fine turf for intensive wear and good tolerance of close-mowing regimes.

Features and benefits

Cricket squares and outfield, tennis courts and high-traffic lawns are perfect examples of where this grass seed mix is at home.

All four Barenbrug-bred cultivars bring advantages and different characteristics to this product.

Barzico is an elite variety for medium-fine turf under wear traffic. It is ranked #3 on Table S1 and within the top third on L1 in BSPB Turfgrass Seed 2025. It was #1-ranked in a recent Barenbrug cricket trial at Loughborough University (see picture below).

Barpersie is new for 2025 in EXTREME. A high performing, all round variety. Ranked #10 on Table S1 and #2 in Table L1 in BSPB Turfgrass Seed 2025. This new variety combines exceptional wear tolerance and recovery with fineness of leaf and density.

Baradona offers outstanding all-round wear tolerance, shoot density, and aesthetics. With a mean score 7.4 in Tables S1 and L1 of Turfgrass Seed 2025, it is one of the few varieties (with *Barpersie*) to hold high rankings in both lists.

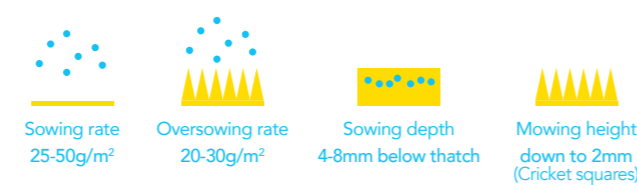
Barsignum is an exceptional ryegrass for summer sports use. It is ranked very highly in both G4 and L1 tables of BSPB Turfgrass Seed 2025.

If fineness of leaf or tolerance to very close mowing are the driving factors in product selection, ULTRAFINE 100 is recommended as a possible alternative.



Barenbrug trials run at Loughborough University.

How to use it



In the bag	Bag size 20kg
35% <i>Baradona</i>	Perennial ryegrass
30% <i>Barzico</i>	Perennial ryegrass
25% <i>Barpersie</i>	Perennial ryegrass
10% <i>Barsignum</i>	Perennial ryegrass

Find out more at barenbrug.co.uk/extreme

Ultrafine 60

A 60% blend of fine turf perennial ryegrass and red fescue for free-draining cricket outfield.

- 60% ultrafine perennial ryegrasses combined with 40% fine red fescues
- *Barolympic* is the stand-out cultivar ryegrass for summer sports use
- *Barpersie* offers new and improved performance



Usage

Designed for the construction or overseeding of cricket outfield.

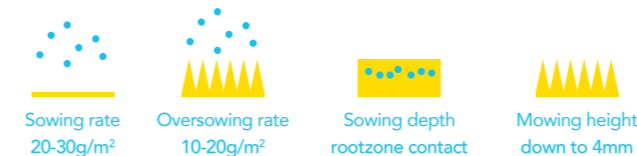
Features and benefits

Barpersie is a new cultivar to ULTRAFINE products, introduced in 2024, with an enticing combination of wear tolerance, shoot density, visual merit, and leaf fineness. In Table L1 of BSPB Turfgrass Seed 2025 its scores of 8.7 for visual merit and 8.8 for shoot density are unmatched.

Barolympic is the market-leading cultivar ryegrass for summer sports use. It is ranked with a score of 8.6 in Table G4 of Turfgrass Seed 2025, the highest mean score in the entire publication, and comfortably above the next best variety in this close-mown test.

The remainder of the product is made up of highly ranked varieties of slender creeping red fescue; *Viktorka* and, new for 2025, *Barquess*. The fescue content in this mixture combines with the ryegrass to create a turf with exceptional density and high disease tolerance.

How to use it



In the bag	Bag size 20kg
30% <i>Barolympic</i>	Perennial ryegrass
30% <i>Barpersie</i>	Perennial ryegrass
20% <i>Barquess</i>	Slender creeping red fescue
20% <i>Viktorka</i>	Slender creeping red fescue

Find out more at barenbrug.co.uk/ultrafine-60

Ultrafine 100

A 100% blend of fine turf perennial ryegrasses, simply offering the best fine ryegrass product on the market.

- Exceptional fineness of leaf
- *Barolympic* is the stand-out cultivar ryegrass for summer sports use
- *Barpersie* offers new and improved performance



Usage

Overseeding and construction of fine turf with intense wear. Tennis courts and cricket pitches are perfect examples of where this grass seed product comes into its own.

Features and benefits

Barpersie is a new cultivar to ULTRAFINE products, introduced in 2024, with an enticing combination of wear tolerance, shoot density, visual merit, and leaf fineness. With scores of 8.7 for visual merit and 8.8 for shoot density, it is unmatched. Its very low slow regrowth score backs up its proven performance under wear (ranked #10 on Table S1) – this variety builds on ULTRAFINE 100's undoubted reputation as the outstanding summer sports ryegrass blend.

Barolympic is the market-leading cultivar ryegrass for summer sports use. It is ranked with a score of 8.6 in Table G4 of Turfgrass Seed 2025, the highest mean score in the entire publication, and comfortably above the next best variety in this close-mown test.

Barprimum is a recent cultivar from Barenbrug's breeding station in France. It forms a large part of the Sustainable Grass Technology (SGT) concept due to its independently proven drought tolerance, nitrogen-use efficiency, and disease resistance.

ULTRAFINE 100 truly offers unparalleled performance for perennial ryegrass under close-mowing.

How to use it



In the bag	Bag size 20kg
45% <i>Barpersie</i>	Perennial ryegrass
40% <i>Barolympic</i>	Perennial ryegrass
15% <i>Barprimum</i>	Perennial ryegrass

Find out more at barenbrug.co.uk/ultrafine-100

"Professionals produce three months of wear in one week. Starting with Becker, pro tennis players have steadily got bigger and stronger which really chews the courts up."

Crowned Courts - The Queen's Club chooses Barenbrug Ultrafine to maintain a surface fit for its members and the annual visit of tennis royalty.

Among the more exclusive of London's sporting clubs, the Queen's Club counts among its members many tennis greats, members of the royal family, and business leaders. It is held in high regard by touring players for its perfectly maintained courts.

Graham Kimpton is Grounds Manager, where he took over the reins in 2010 from his father, David Kimpton. Graham's family association with Groundsmanship is impressive. His uncle Peter worked at the nearby Hurlingham Club for 50 years, his father worked at Queen's for 43 years and his cousin Adam Tester is Grounds Manager at The University of Leicester. With Graham's eldest son, Sam, now working at Queen's, he becomes the third generation of the Kimpton family to tend to the famous West London grass courts - all 12 of them.

The big challenge for court management is coping with the wear during and after the big tournaments. "Professionals produce three months of wear in one week," reflects a stoical Graham Kimpton, second generation Grounds Manager. "Starting with Becker (coincidentally a member of the club), pro tennis players have steadily got bigger and stronger which really chews the courts up."

The answer to heavy wear is to have strong turf that recovers quickly. It's important because maintaining the courts is a balancing act. Whatever happens, the grounds team must provide a championship quality surface for the annual summer tournament and accommodate the year-round needs of the members.

Barenbrug grass was originally the choice of Graham's father, the former Grounds Manager at Queens. The tennis courts at Queen's are unusual as they are composed of a blend of bent, fescue and perennial ryegrass.

The courts at The Queen's Club are oversown twice per year, with two different mixtures:

Spring mixture – 100% ryegrass | autumn mixture – ryegrass, bent and fescue

Graham maintains the bent and fescue population in the courts to boost the sward density. Although the courts are predominantly perennial ryegrass, Graham feels the bent and fescue help to 'fill the gaps' in the sward, helping to create a tight barrier to reduce *Poa* ingressions.

In his time at The Queen's Club Graham says there have been many advancements that have contributed to improving the standards of the surfaces including improvements in machinery, particularly aeration and scarification equipment, as well as developments in grass breeding from Barenbrug.

"We have used Barenbrug for over 15 years. I feel they offer the best out there, they give me good service and are always pushing the boundaries to create improved varieties"

Taken together, these tennis court mixes have all the properties that make it a high-quality playing surface fit for a first class tournament.



Racing & Equestrian

Carefully created products meet the challenges of the course, from the heavy going to the good.

The range of soil types and climates, and the different challenges of flat and national hunt racing together, demand carefully balanced products to maintain the going year-round.

Barenbrug's research and development is directed toward blends that respond to current sporting needs, based on close working relationships with course owners and turf management professionals.

Our range offers two products to maintain a good track and provide rapid repair when the damage is severe.



RPR Sprint

A blend of fast growing perennial ryegrasses, formulated specifically for the demands of racecourses.

- Barenbrug-bred Regenerating Perennial Ryegrass technology (RPR)
- Exceptional wear tolerance, unparalleled capacity for recovery
- 100% Barenbrug-bred perennial ryegrass
- Broad-leafed and thrives on mowing heights > 60mm



Usage

Construction, divotting and overseeding of racecourses.

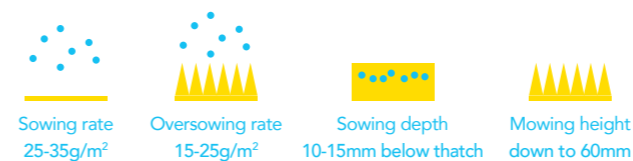
Features & benefits

Designed to give you the wear tolerance and recovery needed either for flat or national hunt racing circuits. Key to the product's unique recovery ability is *Barlibro*, a **Regenerating Perennial Ryegrass (RPR)** that produces determinate stolons (a stem that grows along the ground surface as it establishes and grows), resulting in solid ground cover and unparalleled capacity for recovery.

A major difference between equestrian surfaces and other sports is the mowing height. Industry trials mow grasses at 4-7mm, 10-15mm and 25mm, which is of little practical use to racecourse grounds managers. RPR SPRINT is designed to be maintained at 60mm+ height of cut, which allows broader-leafed and faster growing varieties to be utilised. RPR SPRINT includes the agricultural grass variety, *Galgorm*, a perennial ryegrass, with excellent sward density and persistency. Fast-growing and highly wear tolerant winter sports varieties *Barorlando* and *Bardorado* are also in the blend.

Visit page 11 for further details about RPR.

How to use it



In the bag		Bag size 20kg
50%	Barlibro	RPR Perennial ryegrass
20%	Bardorado	Perennial ryegrass
20%	Barorlando	Perennial ryegrass
10%	Galgorm	Perennial ryegrass

Find out more at barenbrug.co.uk/rpr-sprint

SOS

SOS gives fast germination to repair worn or damaged surfaces in the coldest months.

- Purpose-bred varieties, designed for emergency repair during winter months
- Fast germination, establishment and growth
- Overseeding and patching blend of ryegrass species that germinate and grow vigorously at very low temperatures



Usage

Designed for emergency mid-season turf repair, aiming for the fastest possible germination, establishment and growth in cool temperatures.

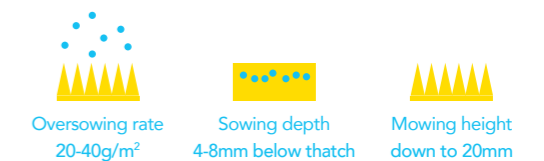
Features & benefits

The saviour of the winter season, this specially formulated product contains varieties that germinate and establish quickly to resurrect high traffic areas on any racecourse. *Barterra* is an annual ryegrass that will germinate as low as 3.5°, quicker and at lower temperatures than perennial ryegrass, including tetraploid varieties.

Barolympic provides a longer-term solution with good performance characteristics. *Barolympic* is a particularly wear tolerant variety but it has an additional trait that makes it a perfect fit for this mixture. In repeat testing, *Barolympic* consistently outperforms other ryegrasses for low temperature germination.

Visit page 10 for further details on SOS.

How to use it



In the bag		Bag size 20kg
50%	Barterra	Annual ryegrass
50%	Barolympic	Perennial ryegrass

Find out more at barenbrug.co.uk/sos

Turf Grass Identification



PERENNIAL RYEGRASS
Lolium perenne



SMOOTH-STALKED MEADOWGRASS
Poa pratensis



SLENDER CREEPING RED FESCUE
Festuca rubra litoralis



STRONG CREEPING RED FESCUE
Festuca rubra rubra



CHEWINGS RED FESCUE
Festuca rubra commutata



BROWNTOP BENT
Agrostis capillaris



CREEPING BENT
Agrostis stolonifera



HARD FESCUE
Festuca brevipila



TALL FESCUE
Festuca arundinacea



TUFTED HAIRGRASS
Deschampsia caespitosa



CRESTED HAIRGRASS
Koeleria macrantha



ANNUAL MEADOWGRASS
Poa annua

Guide to Species Characteristics

SPECIES	SOIL CONDITIONS				MAINTENANCE						
	Seeds per gram (g)	Optimal pH range	Humidity	Salt tolerance	Maintenance level	Fast establishment	Rhizomes / Stolens / Tufted	Shade tolerance	Nitrogen requirement	Water requirement	Thatch build-up
<i>Agrostis capillaris</i> Browntop bent	14,000	5.6 -7.0	Medium	Moderate	Medium	Poor	R	Good	Medium	Medium	High
<i>Agrostis stolonifera</i> Creeping bent	16,000	5.6 -7.0	High	Good	Intensive	Poor	S	Average	Very high	High	Very high
<i>Festuca rubra rubra</i> Strong creeping red fescue	1,000	5.5 -6.8	Low	Weak	Low	Average	R	Very good	Low	Low	Medium
<i>Festuca rubra commutata</i> Chewings red fescue	1,000	5.5 -6.8	Low	Weak	Low	Average	T	Good	Low	Low/medium	High
<i>Festuca rubra litoralis</i> Slender creeping red fescue	1,000	5.5 -6.8	Low	Good	Low	Average	R	Good	Low	Low	High
<i>Festuca ovina</i> Sheep fescue	1,600	4.5 -5.8	Very low	Weak	Very low	Average	T	Good	Very low	Low/very low	Low
<i>Festuca brevipila</i> Hard fescue	1,300	4.5 -7.5	Very low	Good	Very low	Average	T	Very good	Very low	Low/very low	Low
Rhizomatous Tall Fescue (RTF)	400	5.5 -7.0	High	Good	Medium	Average	R	Very good	Medium	Very low	Low
<i>Festuca arundinacea</i> Tall fescue	450	5.5 -7.0	High	Good	Medium	Average	T	Very good	Medium	Very low	Low
<i>Lolium perenne</i> Perennial ryegrass	700	5.8 -7.4	Medium	Medium	Medium	Good	T	Poor	High	Medium	Low
<i>Poa pratensis</i> Smooth-stalked meadowgrass	3,300	5.8 -7.5	Medium	Weak	Medium	Poor	R	Poor	High	Medium	Medium
<i>Poa trivialis</i> Rough-stalked meadowgrass	5,500	5.8 -7.2	High	Weak	Medium	Average	S	Good	High	High	Medium
<i>Poa annua</i> Annual meadowgrass	6,500	5.5 -7.5	High	Weak	Intensive	Average	T	Very good	High	High	Medium
<i>Koeleria macrantha</i> Crested hairgrass	3,000	5.5 -8.0	Low	Good	Very low	Average	R	Good	Very low	Low/very low	Very low
<i>Deschampsia caespitosa</i> Tufted hairgrass	3,800	5.5 -6.5	High	Medium	Low	Good	T	Excellent	Medium	High	High

Sowing and Seeding Rates

SOWING RATES - KILOGRAMS (KG) REQUIRED

STANDARD AREAS	5g/m ² 20g/m ² 35g/m ²			
	4,050m ²	-	80	150
Football	10,800m ²	-	225	375
Rugby	6,900m ²	-	150	225
Tennis	262m ²	-	5.5	10
Cricket	520m ²	-	10.5	18
Bowls	1,600m ²	8	32	56
Golf	500m ²	2.5	10	17.5

AREA COVERAGE

SEED RATES (per 20kg bag)	COVERAGE
5g/m ²	4,000m ²
10g/m ²	2,000m ²
15g/m ²	1,333m ²
20g/m ²	1,000m ²
25g/m ²	800m ²
30g/m ²	666m ²
35g/m ²	571m ²

Our Partners & Approved Distributors



AGROVISTA

📞 0115 939 0202 ✉️ enquiries@agrovista.co.uk 🌐 agrovista.co.uk
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📍 Bandeath, Throsk, Stirling FK7 7NP
📞 0879 133915 📍 Greenhills, Drogheda, Co Louth, Ireland



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📍 Unit 1, Cheviot House, Mill Wynd, Haddington EH41 4EX

Regional Technical Support

At Barenbrug, we work together as a team to serve our clients wherever they need us. We have a team of technical experts based around the UK, as well as office locations across the UK and as part of the wider Barenbrug Group worldwide. We make our collective knowledge, experience and global network available to our clients.

With over 800 employees and operating companies in 18 countries on 6 continents, we have been the leading grass seed business in the world for over 120 years.



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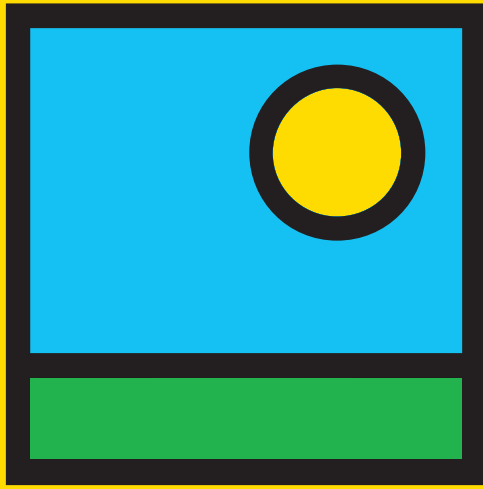
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Conditions of sale

In case of unavailability Barenbrug UK Limited reserves the right to substitute any variety in any mixture with one of similar merit. Any change will be detailed on the bag. The placing of an order constitutes an acceptance of our terms and conditions of sale by the buyer. Full terms and conditions can be found at www.barenbrug.co.uk.

