



SPORT IRELAND PRODUCT GUIDE 2024





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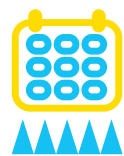
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Whatever the conditions, however tough the competition

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.



Ireland service and support

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.

The business took root in the UK in 1983; since then we have been active supporters of the creativity, tenacity, and commitment of the nation's turf managers. Through R&D, breeding, and working with farmers to produce the grass seed in Ireland, where we can, we deliver seed to grounds managers. In addition to our seed, we share our knowledge and experience to help you and your team excel.



New Varieties

BARPERSIE

Introduced to the Sport Range in 2023 is *Barpersie*, which now takes pride of place in our market-leading **Ultrafine** product portfolio. Its performance in Table L1 of BSPB Turfgrass Seed 2024, as a new cultivar, is nothing short of staggering.

Unprecedented scores of 9.0 for both visual merit and shoot density, allied to extremely fast growth (which actually lowers its Mean score) promises a cultivar that is finer-leaved, denser, better-looking and more wear tolerant than the #1-ranked variety *Barolympic*!

Like *Barolympic*, it is exceptionally pale (the two varieties are #1 & #2 for paleness), which helps it blend visually with grasses such as red fescue and *Poa annua*.

BARNOUSTIE

A cultivar of slender creeping red fescue bearing the name of the legendary Angus links (host to eight Open Championships) needs to be a bit special – and *Barnoustie* is certainly that. Ranked #2 in Table G3 of BSPB Turfgrass Seed 2024 and provisionally #1 in Table L4 (as a New Cultivar), its performance will force the retirement of the legendary *Barcrown* in the next couple of years.

Mid-green colour, top-ranked visual merit and high disease tolerance are the hallmarks of this debutant. It features in **Fescue** for 2024.



BARQUESS

2024 sees the launch of not one but two new slender creeping red fescues. *Barquess* is ranked #1 in Table L4 and provisionally #3 (as a New Cultivar) for close-mown turf (Table G3). Its visual merit score for lawns is 0.7 ahead of the next best variety on the main list.

Barquess is pale in colour. Trials in Scotland have indicated that it has very high growth potential early in the season for its species, which points to significant benefits in an overseeding programme. Like *Barnoustie*, it features in **Fescue** for 2024, taking this market-leading mixture to another level of performance. It is also included in **SGT Fine Fescue**.



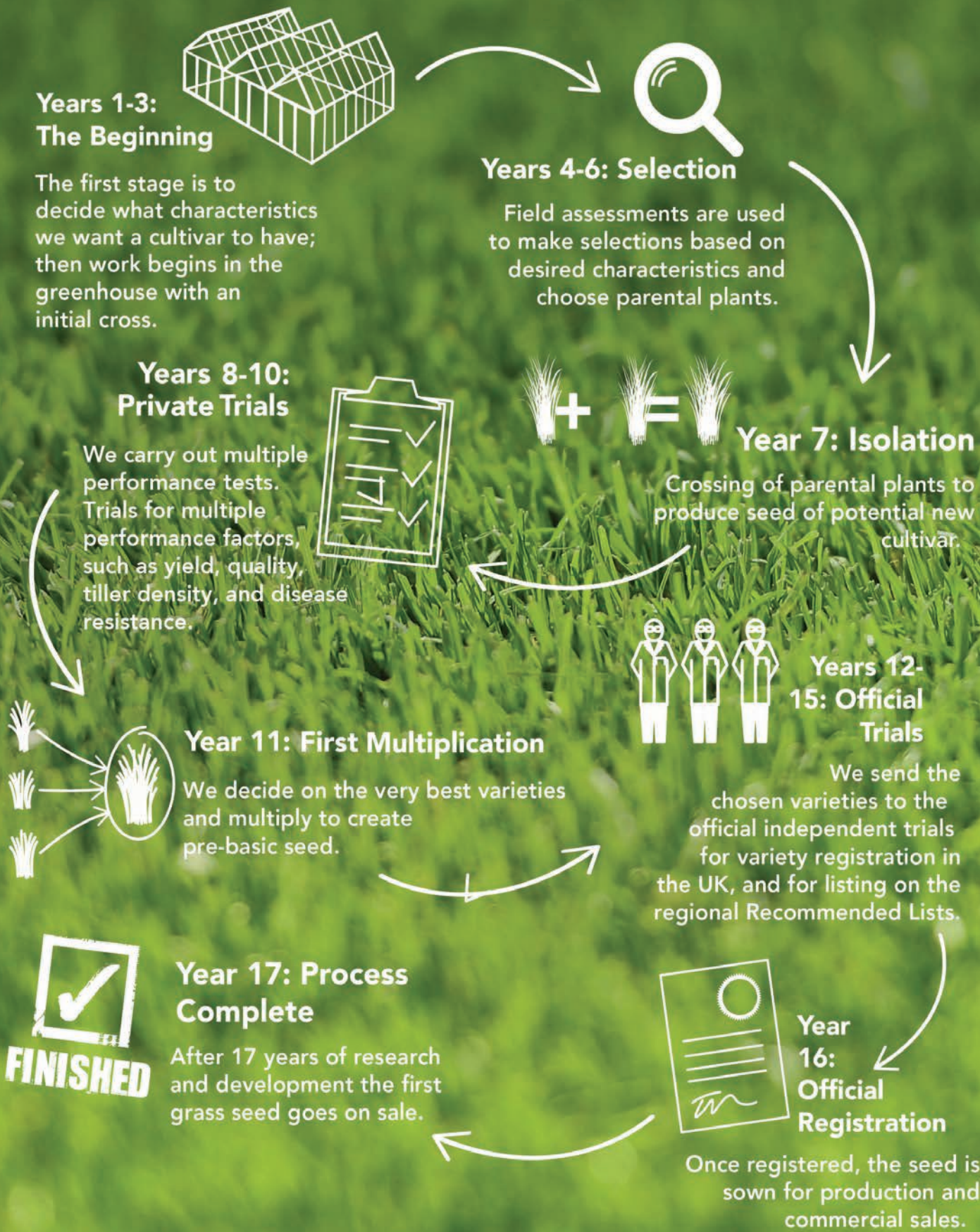
DANCING

Dancing is a new variety of Chewings red fescue from the excellent RAGT breeding programme in France. It follows in the footsteps of old favourites *Musica* and *Bodega*.

It is ranked #3 on both G2 and L3 tables in BSPB Turfgrass Seed 2024 and has superb scores for both shoot density and visual merit. It features in **Fescue** for 2024.

The Story of Grass...

The breeding and commercialisation of a new grass cultivar is a long and challenging business.



Focus on Dollar Spot

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 increasing concern in Ireland is Dollar Spot.

Dollar Spot is a fungal disease caused by the fungus *Clarireedia homoeocarpa* (previously *Sclerotinia homoeocarpa*), which affects most cool season grasses, but there is higher susceptibility to red fescues (*Festuca rubra* spp.), annual meadow grass (*Poa annua*) and bentgrasses (*Agrostis* spp.).

Dollar Spot is most prevalent during warm, humid conditions with prolonged wet foliage, particularly following on from a period of hot, dry conditions. Dollar Spot incidence has also been recorded with night temperatures as low as 7°C. The severity of the infection will depend upon the virulence of the fungus and the susceptibility of the grass plant (stress factors or improved tolerance).

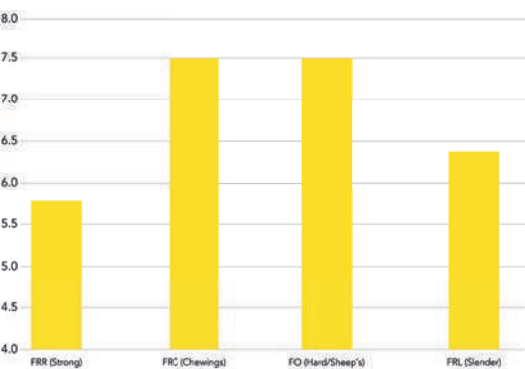
Disease Tolerance in Grass Breeding

There are significant differences in tolerance to Dollar Spot between grass species and even individual cultivars within a species.

Variety selections from the Barenbrug breeding programme are deliberately infected with Dollar Spot, both in the laboratory climate rooms and in field trials. In addition, Dollar Spot is also allowed to occur naturally in field trials in order to have a comprehensive picture of a particular variety's tolerance.

As well as breeding varieties with specific disease tolerance, Barenbrug also regularly tests other species to potentially add into mixtures to offer further protection from stresses and diseases. An example of this is Barenbrug's SGT mixtures which include hard fescue varieties which offer higher disease tolerance as well as other benefits such as drought tolerance.

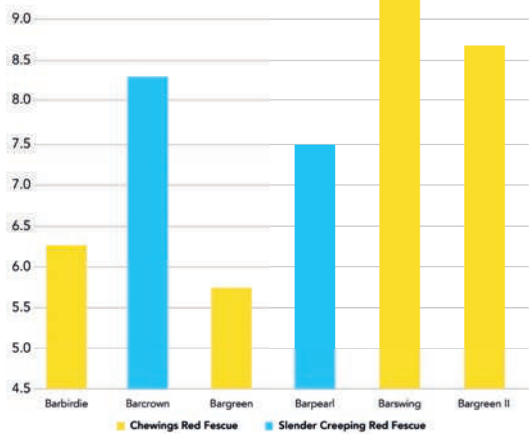
Graph 1 - Mean Dollar Spot Tolerance Across NTEP Trials 2015 - 2019



Graph 1 shows the differences between fine fescue species in mean Dollar Spot tolerance across the 2015-2019 NTEP trials. Hard fescue (*Festuca brevipila*) and Chewings red fescue (*Festuca rubra commutata*) appear to offer the best tolerance at a species level.



Graph 2 - Dollar Spot Tolerance *Festuca rubra* spp. (Internal Barenbrug Research trials)



Graph 2 shows the survival and recovery of cultivars of slender creeping red fescue (*Festuca rubra litoralis*; shown in blue) and Chewings red fescue (*Festuca rubra commutata*; shown in yellow) recorded in trials at Barenbrug Research, showing high tolerance of Chewings cultivars Barswing and Bargreen II. However, Barcrown consistently appears to also have superior tolerance (better than other slenders), while Barpearl is also better than some Chewings varieties.



“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 trials at Landlab in Italy, during the harsh summer of 2018, *Hardtop* hard fescue and *Barjessica* strong creeping red fescue performed particularly well in periods of heat and drought, in comparison with other cultivars (Fig. 1 & Fig. 2). Both varieties feature in **SGT Rye Fairway** and **SGT Fine Fescue**.

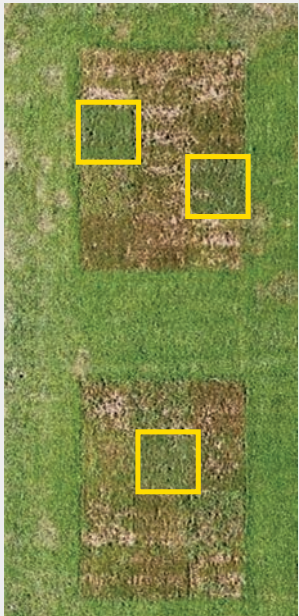


Figure 1 - Drone Image From Landlab. Highlighted plots are the hard fescue. The quality and endurance of hard fescue stood alone during the most intense heat.

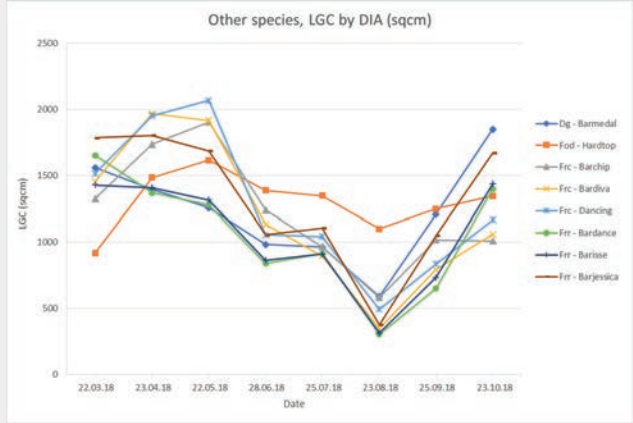


Figure 2 - Graph to show fluctuations in fescue performance (Live Ground Cover assessments) over 9-month period during 2018 in Landlab, Italy. Note the superior performance of *Hardtop* hard fescue and *Barjessica* strong creeping red fescue.

Nitrogen Efficiency

In **SGT Rye Fairway**, *Barprrium* offers proven capacity for nitrogen-use efficiency, requiring up to 50% less nitrogen. In an 18 month STRI trial (shown in Fig. 3), results demonstrate nitrogen efficiency from a number of cultivars against live ground cover. *Barprrium* delivers the highest mean turf cover compared to all other cultivars. Put simply, it requires far less N to deliver equivalent turf performance.

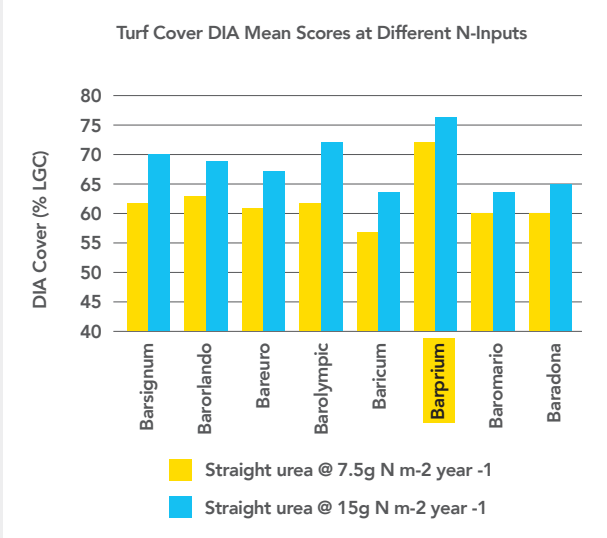


Figure 3 - STRI N-Efficiency Trial Data. *Barprrium* delivers equivalent mean turf cover to all other cultivars at 50% less nitrogen input.

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

Barprrium is highly ranked in the BSPB Turfgrass Seed 2024 booklet with a mean score of 7.5 on Table L1 and exhibits strong summer colour – another useful characteristic for low-input golf fairways.

Products available in the SGT range include **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 17.

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 4 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 4 - 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 will contain highly ranked cultivars for Red Thread tolerance, such as *Barrissee* (#1-ranked; Table L5) and *Barjessica* (#2-ranked; Table L5) strong creeping red fescue and *Barcrown* (#1-ranked; Table L4) and *Barpearl* (#3-ranked; Table L4).

The designated **SGT** perennial ryegrass *Barprrium* 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 2024 BSPB G4 table of Turfgrass Seed, *Barolympic* is by far the standout perennial ryegrass variety for high quality, close mown turf.

Barpersie is a new cultivar to Ultrafine products for 2024, with an enticing combination of wear tolerance, shoot density, visual merit, and leaf fineness. As a new cultivar in Table L1 of Turfgrass Seed (still undertaking its second trial), its scores of 9.0 for visual merit and shoot density are provisionally table-topping. Its very low slow regrowth score backs up its proven performance under wear (ranked #6 on table S1) – this variety should build on **Ultrafine 100**'s undoubted reputation as **THE** outstanding summer sports ryegrass blend.

Ultrafine products available include:

Ultrafine 60 - A 60% perennial ryegrass blend see page 19.
Ultrafine 100 - A 100% perennial ryegrass see page 19.



SOS Fastest overseeding solution.

The saviour of the winter season, this specially formulated solution establishes 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 three tried and tested Barenbrug annual and perennial ryegrass cultivars for a longer-term winter repair solution.

Barterra is one of Barenbrug's fine-leaved annual ryegrasses 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).

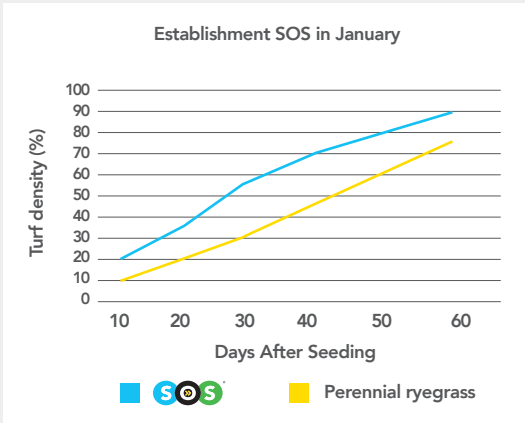


Figure 1

Products available with SOS technology:

SOS for Football, Rugby & GAA see page 27.
SOS for Racecourses see page 29.



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 cultivar, *Barlibro*, produces determinate stolons (Fig. 1) (a stem that grows below the ground surface) as it establishes and grows.

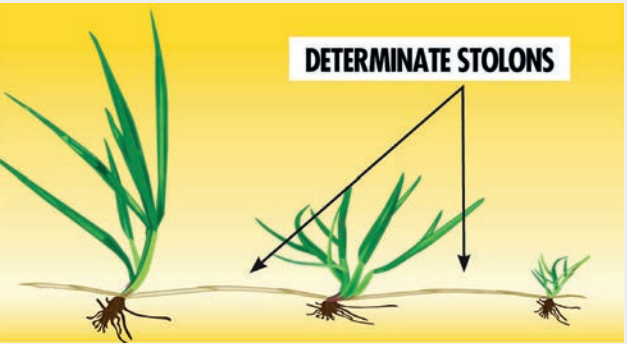


Figure 1 - The lateral growth habit results in fast establishment between seeding lines and unparalleled capacity for recovery after and during wear. Figure 2 clearly shows the rapid spread of RPR.



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** and **RPR Sprint** - are blends of hard-wearing perennial ryegrasses and the RPR cultivar, *Barlibro*, for the renovation and construction of elite winter sports pitches, racecourses, and golf courses.

Products available in the RPR Range:

RPR see pages 20 & 26.
RPR Sprint see page 29.

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.

Carnoustie Golf Links



INTRODUCTION

TECHNOLOGY GROUPS

GOLF

FOOTBALL, RUGBY & GAA

RACING & EQUESTRIAN

LAWN & LANDSCAPE

TECHNICAL & SUPPORT

All Bent

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

- Balanced blend of four browntop bentgrass cultivars
- Charles ranked #1 available browntop
- BarKing has particularly strong *Microdochium* (Fusarium) tolerance
- 100% Browntop bentgrass delivers superior performance in shade



Usage
Designed for overseeding golf and bowling greens.

Features & Benefits
Charles is the top-ranked available browntop bentgrass. Its 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. Manor and Sefton are long-established well-ranked and reliable varieties.

Recent data from the USGA suggests browntop 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

☒ Greens ☐ Tees ☐ Fairways ☐ Walkways ☐ Roughs

How to use it

Sowing rate
8-10g/m²

Oversowing rate
4-6g/m²

Sowing depth
rootzone contact

Mowing height
down to 3mm

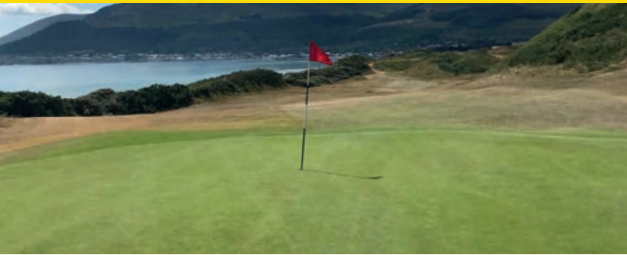
| In the bag | | Bag size 20kg |
|------------|---------|--------------------|
| 32.5% | Charles | Browntop bentgrass |
| 32.5% | Sefton | Browntop bentgrass |
| 17.5% | BarKing | Browntop bentgrass |
| 17.5% | Manor | Browntop bentgrass |

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, slender creeping red fescues, Barcrown and Viktorka, combined with the top-rated available browntop bentgrass on the market, Charles, with a mean score of 7.6 in Table G1 of Turfgrass Seed 2024, 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

Oversowing rate
10-20g/m²

Sowing depth
rootzone contact

Mowing height
down to 4mm

| In the bag | | Bag size 20kg |
|------------|-----------|-----------------------------|
| 20% | Barcrown | Slender creeping red fescue |
| 20% | Viktorka | 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 three new top-rated cultivars in 2024
- 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 2024 mixture contains five cultivars, three of which are new to the market – Barnoustie, Barquess, and Dancing.

Barnoustie and Barquess, with BSPB mean scores in excess of 8 promise new levels of quality for slender creeping red fescue, and Dancing enters the Chewings table ranked #3. Aply supported by #2-ranked Barlineus and the old favourite Barcrown (still ranked #5), this mix has an unparalleled total mean score of 7.88.

Barquess, with its pale green colour offers particularly fast early season growth for a slender and Barcrown's very high degree of Dollar Spot tolerance is also worth noting.

☒ Greens ☒ Tees ☒ Fairways ☐ Walkways ☐ Roughs

How to use it

Sowing rate
25-35g/m²

Oversowing 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 |
| 25% | Barlineus | Chewings red fescue |
| 20% | Barcrown | Slender creeping red fescue |
| 15% | Dancing | Chewings red fescue |
| 10% | Barnoustie | Slender creeping 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.

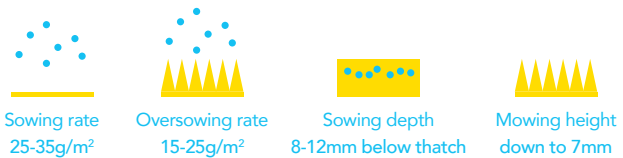
Features & benefits
FAIRWAY is a traditional blend of the red fescue sub-species; slender creeping, strong creeping and Chewings.

The red fescue cultivars in the mix are all excellent performers and are all top-15 ranked in the lawn tables of BSPB Turfgrass Seed 2024 booklet.

Of particular note is the outstanding red thread tolerance of *Barris* (#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% | Barris | 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

SGT Fine Fescue

100% 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.

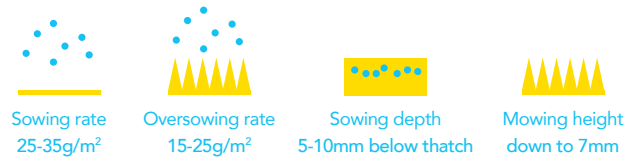
In trials at Landlab in Italy, *Hardtop* hard fescue and *Barjessica* strong creeping red fescue perform particularly well in periods of heat and drought.

The 2024 mix now includes the new #1-rated slender creeping red fescue *Barquess* for added turf quality and density, and old favourite *Barcrown*, the #1-ranked fine fescue cultivar for Red Thread tolerance.

☐ Greens ☒ Tees ☒ Fairways ☐ Walkways ☒ Roughs



How to use it



| In the bag | | Bag size 20kg |
|------------|-------------------|-----------------------------|
| 50% | Hardtop | Hard fescue |
| 20% | Barcrown | Slender creeping red fescue |
| 15% | Barquess | Slender creeping red fescue |
| 15% | Barjessica | Strong creeping red fescue |

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



Ultrafine

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 for 2024, with an enticing combination of wear tolerance, shoot density, visual merit, and leaf fineness. As a new cultivar in Table L1 of Turfgrass Seed (still undertaking its second trial), its scores of 9.0 for visual merit and shoot density are provisionally table-topping.

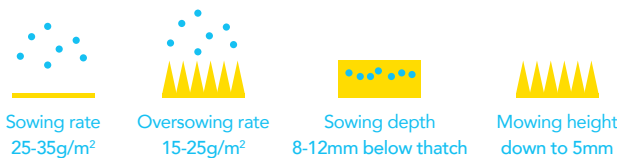
Barolympic is the market-leading cultivar ryegrass for summer sports use. It is ranked with a score of 8.6 in Table G4 of Turfgrass Seed 2024, the highest mean score in the entire publication, and comfortably above the next best variety in this close-mown test.

Barprrium 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.

The remainder of the product is made up of highly ranked varieties of slender creeping red fescue, *Viktorka* and *Barpearl*. 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 |
|------------|-------------------|-----------------------------|
| 20% | Barolympic | Perennial ryegrass |
| 20% | Barprrium | Perennial ryegrass |
| 20% | Barpersie | Perennial ryegrass |
| 20% | Barpearl | Slender creeping red fescue |
| 20% | Viktorka | 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 & walk-offs are perfect examples of where this product comes into its own.

Features & benefits
Barpersie is a new cultivar to **Ultrafine** products for 2024, with an enticing combination of wear tolerance, shoot density, visual merit, and leaf fineness. As a new cultivar in Table L1 of Turfgrass Seed (still undertaking its second trial), its scores of 9.0 for visual merit and shoot density are provisionally table-topping. Its very low slow regrowth score backs up its proven performance under wear (ranked #6 on table S1) – this variety should build 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 2024, the highest mean score in the entire publication, and comfortably above the next best variety in this close-mown test.

Barprrium 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.

Barzico brings further wear tolerance to the blend (ranked #1 in Table S1). With fineness of leaf scores of 7.1 in S1 and L1, it can more than hold its own under close mowing regimes, as proven in cricket trials at Loughborough University.

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 |
|------------|-------------------|--------------------|
| 35% | Barpersie | Perennial ryegrass |
| 30% | Barolympic | Perennial ryegrass |
| 20% | Barzico | Perennial ryegrass |
| 15% | Barprrium | Perennial ryegrass |

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

RPR

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 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 is strengthened with three elite ryegrass varieties from Barenbrug’s European breeding programmes: *Barzico*, *Barbasten* and *Baradona*.

Barzico holds the coveted #1 position in table S1 of BSPB/STRI Turfgrass Seed, 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 fine, extremely dense with a medium green colour.

Barbasten sits just below *Barzico*, at #3. It is a true winter sports cultivar and a “late-heading” variety from the Dutch breeding station. Paler green and exceptionally active in winter/spring recovery, *Barbasten* brings additional *Drechslera* leaf spot tolerance to the product.

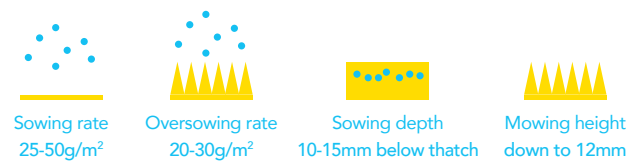
Baradona is selected for excellent performance on both BSPB/STRI Turfgrass Seed 2024 booklet tables S1 and L1, demonstrating the adaptability for multiple uses and variable seasonal mowing heights.

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

☐ Greens ☒ Tees ☒ Fairways ☒ Walkways ☒ Roughs



How to use it



| In the bag | | Bag size 20kg |
|------------|-----------|------------------------|
| 30% | Barlibro | RPR Perennial ryegrass |
| 30% | Barzico | Perennial ryegrass |
| 30% | Barbasten | Perennial ryegrass |
| 10% | Baradona | Perennial ryegrass |

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



INTRODUCTION

TECHNOLOGY GROUPS

GOLF

FOOTBALL, RUGBY & GAA

RACING & EQUESTRIAN

LAWN & LANDSCAPE

TECHNICAL & SUPPORT

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 will welcome 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, Strathclyde 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 & GAA

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, named for their perfect match for winter sports pitches, including *Barzico* and *Barbasten* - the #1 and #3 ranked Perennial Ryegrass cultivars from the BSPB/STRI Turfgrass Seed 2024 booklet S1 table.

RPR

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



Regenerating long-term pitches

Usage

Renovation and overseeding of winter sports stadiums and pitches with intense wear.

Features and benefits

The unique component of RPR 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 is strengthened with three elite ryegrass varieties from Barenbrug’s European breeding programmes: *Barzico*, *Barbasten* and *Baradona*.

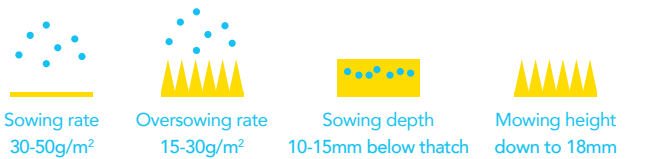
Barzico holds the coveted #1 position in table S1 of BSPB/STRI Turfgrass Seed, trialled under winter sports wear simulation at 25mm height of cut. The cultivar originates from Barenbrug’s Dutch breeding station and is a very strong all-round ryegrass suitable for many applications. Visually, it is fine, extremely dense with a medium green colour.

Barbasten sits just below *Barzico*, at #3. It is a true winter sports cultivar and a “late-heading” variety from the Dutch breeding station. Paler green and exceptionally active in winter/spring recovery, *Barbasten* brings additional *Drechslera* leaf spot tolerance to the product.

Baradona is selected for excellent performance on both BSPB/STRI Turfgrass Seed 2024 booklet tables S1 and L1, demonstrating the adaptability for multiple uses and variable seasonal mowing heights.

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

How to use it



| In the bag | Bag size 20kg |
|----------------------|------------------------|
| 30% Barlibro | RPR Perennial ryegrass |
| 30% Barzico | Perennial ryegrass |
| 30% Barbasten | Perennial ryegrass |
| 10% Baradona | 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 *Barbasten*, the #3-ranked ryegrass for sports pitches
- 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

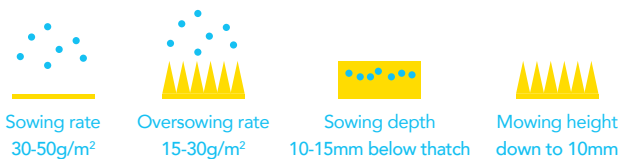
The ultimate all-rounder, ideally suited for multi-use sports pitches such as winter sports pitches that are then used through the summer, sport fields, grounds and pitches.

Features & benefits

The highlight of this blend is *Barbasten*, rated #3 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 *Barbasten* and *Baromario* 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 |
| 30% Barcristalla | Perennial ryegrass |
| 20% Baromario | Perennial ryegrass |
| 15% Barbasten | Perennial ryegrass |

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

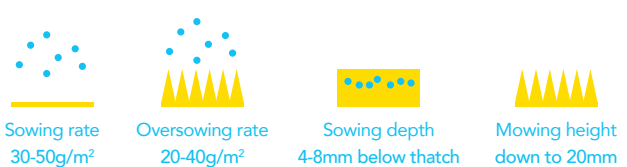
Features & benefits

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.

Barbasten and *Barcristalla* provide a longer-term solution with good performance characteristics. *Barbasten* is a particularly wear tolerant variety (ranked #3 on Table S1 Turfgrass Seed) and *Barcristalla* complements the blend well with a darker winter colour.

Visit page 10 for further information on SOS

How to use it



| In the bag | Bag size 20kg |
|-------------------------|--------------------|
| 50% Barterra | Annual ryegrass |
| 25% Barbasten | Perennial ryegrass |
| 25% Barcristalla | Perennial ryegrass |

Find out more at barenbrug.co.uk/sos

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, divoting 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, *Gosford*, a perennial ryegrass, with excellent sward density and persistency. Fast-growing and highly wear tolerant winter sports varieties *Baradona* and *Bardorado* are also in the blend.

Visit page 11 for further details about RPR.

How to use it



Sowing rate
25-35g/m²



Oversowing rate
15-25g/m²



Sowing depth
10-15mm below thatch



Mowing height
down to 60mm

| In the bag | Bag size 20kg |
|----------------------|------------------------|
| 50% Barlibro | RPR Perennial ryegrass |
| 25% Baradona | Perennial ryegrass |
| 15% Bardorado | Perennial ryegrass |
| 10% Gosford | Perennial ryegrass |

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

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 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.

Barbasten and *Barcristalla* provide a longer-term solution with good performance characteristics. *Barbasten* is a particularly wear tolerant variety (ranked #3 on Table S1 Turfgrass Seed) and *Barcristalla* complements the blend well with a darker winter colour.

Visit page 10 for further details on SOS.

How to use it



Oversowing rate
20-40g/m²



Sowing depth
4-8mm below thatch



Mowing height
down to 20mm

| In the bag | Bag size 20kg |
|-------------------------|--------------------|
| 50% Barterra | Annual ryegrass |
| 25% Barbasten | Perennial ryegrass |
| 25% Barcristalla | Perennial ryegrass |

Find out more at barenbrug.co.uk/sos



Lawn & Landscape

High quality, affordable grass seed that delivers on its promises.

Our sport & leisure grass seed mixtures have been developed to cover a wide range of applications, from golf greens through to specialist areas like airfields and motorway embankments.

The mixtures have been formulated to offer assured performance at a competitive price. Advantages such as drought tolerance, slow regrowth and disease tolerance are all things we look for in our varieties to help make better turf. After all, the purpose of turf is for people to enjoy it – and that is purpose, to enhance the enjoyment of green spaces and to Make Life Beautiful.

E1- The All Rounder

A great multi-purpose, everyday grass seed that delivers a lawned area for the rough and tumble of everyday use, while giving a high quality and attractive appearance.

- A general landscape mix with reliable sport & leisure turfgrasses
- Suitable for professional landscaping and domestic lawns, forming a dense and durable turf
- Fast to establish and durable



Usage

Ideal for general purpose lawns and landscaping works, delivering rapid germination and establishment, designed to withstand heavy foot traffic and wear.

Features & benefits

Our lawn and landscape mixture is simple yet effective. Containing a reliable blend of perennial ryegrass and fescue that germinates and establishes rapidly, it creates a durable turf and is suitable for all soil types.

It's perfect for creating a lawn or landscape area that looks aesthetically pleasing and that can be used by everyone. It produces a very fine leaved and dense lawn that adds to its attractive appearance. A reliable blend that has rapid stabilisation for embankments.



How to use it



Sowing rate
25-35g/m²



Mowing height
down to 15mm

In the bag Bag size 20kg

- 60% Perennial ryegrass
- 40% Strong creeping red fescue

[Find out more at barenbrug.co.uk/e1](https://www.barenbrug.co.uk/e1)



INTRODUCTION

TECHNOLOGY GROUPS

GOLF

FOOTBALL, RUGBY & GAA

RACING & EQUESTRIAN

LAWN & LANDSCAPE

TECHNICAL & SUPPORT

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 | | | | | AREA COVERAGE | |
|--|----------------------|-------------------|--------------------|--------------------|---------------------------|---------------------|
| STANDARD AREAS | | 5g/m ² | 20g/m ² | 35g/m ² | SEED RATES (per 20kg bag) | COVERAGE |
| Football | 4,050m ² | - | 80 | 150 | 5g/m ² | 4,000m ² |
| Football | 10,800m ² | - | 225 | 375 | 10g/m ² | 2,000m ² |
| Rugby | 6,900m ² | - | 150 | 225 | 15g/m ² | 1,333m ² |
| Tennis | 262m ² | - | 5.5 | 10 | 20g/m ² | 1,000m ² |
| Cricket | 520m ² | - | 10.5 | 18 | 25g/m ² | 800m ² |
| Bowls | 1,600m ² | 8 | 32 | 56 | 30g/m ² | 666m ² |
| Golf | 500m ² | 2.5 | 10 | 17.5 | 35g/m ² | 571m ² |

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.

Our head office, administration centre and main production facility is in Bury St Edmunds, Suffolk as well as in Falkirk, Scotland. Our research site at Cropvale, Evesham, trials both agriculture and sport and leisure varieties and mixtures, providing a solid testing ground for our material.

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 100 years.



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www.barenbrug.co.uk

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.



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