



 **BARENBRUG**

SPORT

Barenbrug Sport Grass Seed

2019 GUIDE



Welcome to the Barenbrug Sport Range of grass seed products for 2019.



As always, years of dedication in breeding, research and development, trialling and production have brought us to this point – having a range of products suited to you and your needs. We trust they will help you to create natural grass surfaces to be enjoyed by the sporting world.

The range contains ground-breaking new products for Winter Sports (pages 24-28) – the new #1-rated (BSPB/STRI) perennial ryegrass blend Elite Sport and the innovative Multi Sport featuring 100% UK-produced seed.

Golf products (pages 5-18) feature #1-ranked cultivars such as *Barolympic* perennial ryegrass, *Barlineus* Chewings red fescue and *Charles* browntop bentgrass and new material to the range such as *Barrisse* strong creeping red fescue.

Summer Sports and Equestrian surfaces will continue to benefit from improvements to industry-leading products such as Extreme (page 20), Ultrafine (page 22), and RPR Sprint (page 30).



Expert Seed Research

Quality and consistent performance from Barenbrug.

Our research and development focuses on meeting customer needs and developing solutions to improve sports surfaces everywhere.

The joy of creating quality products that exceed expectations is at the heart of our research.

UK Development

Our sustained investment in trials ensures we provide the best performing sports grass seed range.

Trials across the UK and our own Cropvale Research site ensure our mixtures perform as we expect.

Without this proven UK performance, a cultivar won't make it into a mixture and that mixture won't make it into our product range.

UK Grass Seed Production

With over 2,000 ha of UK production, we produce clean, quality grass seed for all sports.

We are the UK's largest amenity seed producer, highlighting our commitment to UK farmers.

Growing the grass seed here delivers advantages for our customers.

Alongside supporting the UK farming industry, we're also aiming to produce all our grass seed to the Higher Voluntary Standard (HVS), which is unique to the UK, guaranteeing a higher level of purity than European Union standards.

The next time that you see a bag of grass seed, don't just look at the price – delve a little deeper.

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Golf





Fescue

Golf greens, tees, fairways, bowling greens

Usage

Overseeding and/or construction of free-draining fine-turf areas golf and bowling greens; tees and fairways

Key points

- *Barlineus* #1 Red Fescue
- #1 mixture of type

Species Formulation

50% slender creeping red fescue
50% Chewings red fescue

FESCUE is an outstanding blend of four red fescue cultivars; *Viktorka*, *Barcrown*, *Barlineus* and *Bodega*, for the overseeding and construction of free-draining fine turf.

The mixture is made up of 50% slender red creeping fescue and 50% Chewings red fescue seed. The combination of these two sub-species offers the best solution for year-round performance and growth in fescue-dominant turf – Chewings fescues will generally be most active in spring through to mid-summer, whereas slender creepers “kick in” during early summer and perform well through to autumn.

Table 1 shows the performance of the cultivars in the BSPB Turfgrass Seed Booklet 2019. FESCUE contains the top-rated red fescue (*Barlineus*, 30%) on the market. With two of the top four slender creeping varieties and the #5 Chewings fescue completing the blend, FESCUE is unrivalled as the market-leading mixture of its type for fine turf use.

CULTIVAR	%	Mean Score	Rank	Shoot Density	Rank	Disease Resistance	Rank
<i>VIKTORKA</i>	30	7.6	2	7.7	3	7.8	3
<i>BARCROWN</i>	20	7.5	4	7.7	1	8.4	1
<i>BARLINEUS</i>	30	8.2	1	8.3	1	7.4	3
<i>BODEGA</i>	20	7.7	5	7.7	4	6.8	8

Table 1 Scoring and ranking of FESCUE cultivars from Turfgrass Seed 2019 for golf greens use

IN THE BAG

- 30% **VIKTORKA**
Slender creeping red fescue
- 30% **BARLINEUS**
Chewings red fescue
- 20% **BARCROWN**
Slender creeping red fescue
- 20% **BODEGA**
Chewings red fescue

Sowing rate: 25-35g per m²
Overseeding rate: 15-25g per m²
Sowing depth: 8-12mm
Mowing height: Down to 4mm
Pack size: 20kg
Yellow jacket: 10kg

Available with



Find out more at
www.barenbrug.co.uk

Discover our FESCUE Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk.



Fairway

Fairways, tees, roughs

Usage

Overseeding, divoting and/or construction of free-draining turf areas; tees, fairways and roughs

Key points

- Hard fescue for performance under low nutrition and drought
- High quality and excellent disease resistance

Species Formulation

15% hard fescue
 35% strong creeping red fescue
 30% slender creeping red fescue
 20% Chewings red fescue

FAIRWAY is an excellent blend of four fine fescue species; hard fescue and the three sub-species of red fescue; slender creeping, strong creeping and Chewings. It is designed for overseeding, divoting and constructing free-draining turf areas on the golf course.

Hardtop and *Beacon* hard fescue offer superior performance under many stress factors associated with turf areas that this blend is used for. These include drought, heat, cold and low nutrition.

The red fescue cultivars in the mix are all consistent performers, and are all ranked highly in the BSPB Turfgrass Seed booklet. Of particular note is the outstanding red thread tolerance of *Barrissee* (ranked #1), an important factor in fairways under low nutrition.

IN THE BAG

35%	BARRISSE Strong creeping red fescue
30%	VIKTORKA Slender creeping red fescue
20%	MUSICA Chewings red fescue
7.5%	HARDTOP Hard fescue
7.5%	BEACON Hard fescue

Sowing rate:	20-35g per m ²
Overseeding rate:	15-25g per m ²
Sowing depth:	8-12mm below thatch
Mowing height:	Down to 7mm
Pack size:	20kg
Yellow jacket:	10kg

Available with



Find out more on page 10
 or visit www.barenbrug.co.uk

YELLOW JACKET
 WATER MANAGER
 powered by
 Aquatrols



Yellow Jacket Water Manager

Game-changer for golf courses

Available with **FESCUE** and **FAIRWAY**

Areas of use

- Divotting
- Newly sown areas on sand-based rootzone
- Oversowing fairways and greens

Pack size: 10kg
Available with: Fescue and Fairway

No water, no germination

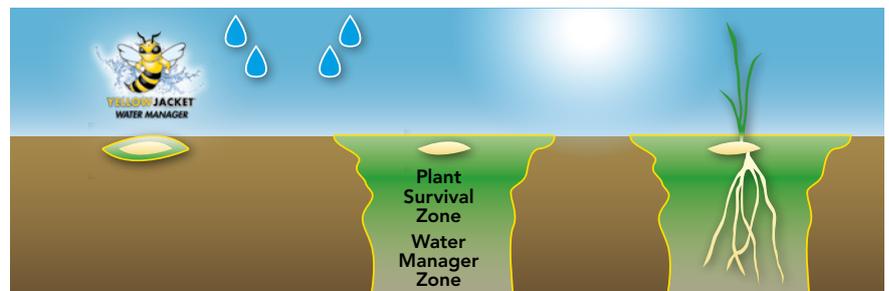
Yellow Jacket Water Manager is a seed enhancement product, which places a dedicated surfactant or wetting agent around the seed. This:

- Ensures water availability in the soil for both optimum germination and establishment
- Manages the amount of water around the seed and in the soil around the seedling
- Improves germination and establishment in drier environments and at times of low irrigation/rainfall
- Reduces the need for excessive irrigation during the establishment phase

YJWM features patented technology, which is the result of a research project by Barenbrug and Aquatrols that has been independently tested by the STRI.

Where, when and why you might need Yellow Jacket Water Manager

- **Divotting tees and fairways;** sand-based divot mix is very susceptible to drying out, particularly during the golfing season. YJWM increases germination and seedling survival in this environment.
- **Overseeding greens;** overseeding places seed in an exposed and hostile (dry and sandy) environment. Positioning the wetting agent around the seed improves the chances of a successful "take".
- **Overseeding fairways;** thatchy (wet and dry) environment. Water management is key here.
- **Hydrophobic soil;** extremely common issue, caused by surface waxes eroded from plant leaves, plant root exudates, decomposing organic matter and fungal hyphae. Surfactant chemistry allows water to penetrate the soil around the seed, initiating germination faster. The soil then remains wettable for a length of time, improving irrigation efficiency and establishment.
- **Newly sown areas on sand-based rootzone;** helps to promote consistent, even germination/establishment and reduces the necessity for continuous irrigation.



Phase 1

Water distributes the Water Manager throughout the soil to create a Plant Survival Zone.

Phase 2

The Plant Survival Zone ensures that each seed has enough water to germinate and manages the moisture content around the seedling during its establishment.

Phase 3

The grass seedlings are less affected by abiotic stress, so more plants survive.



Shoreline Coastal courses

Usage

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

Key points

- Germination and survival in salt
- *Viktorka* #2 slender creeping red fescue

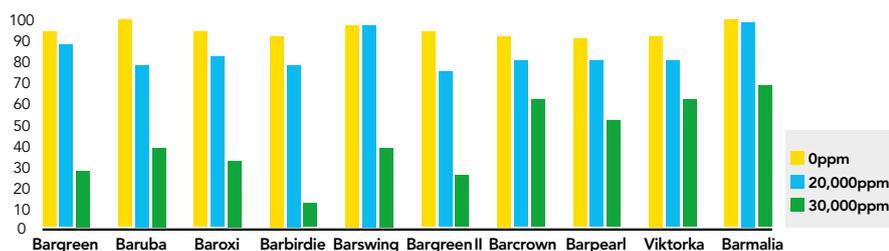
Species Formulation

100% slender creeping red fescue

SHORELINE is an innovative blend of three slender creeping red fescue cultivars; the name **SHORELINE** is derived from the Latin *litoralis*, the species name for slender creepers. The mix contains the #2-ranked variety *Viktorka* alongside long-established cultivars *Barmalia* and *Barpearl*.

The mix provides 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.

Germination salt tolerance is tested in a laboratory using ISTA parameters at different salt levels equivalent to sea water of 20,000 and 30,000 parts per million (ppm), with 0ppm as a control. Laboratory trials at Barenbrug research demonstrate the superior germination capability of cultivars of slender creeping red fescues (*Festuca rubra litoralis*) in comparison with cultivars of Chewings fescues (*Festuca rubra commutata*). The data represents percentage germination after 30 days at 0ppm (control), 20,000ppm and 30,000ppm. (Graph 1).



Discover our **SHORELINE** Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk.

IN THE BAG

40%	BARMALIA Slender creeping red fescue
30%	VIKTORKA Slender creeping red fescue
30%	BARPEARL Slender creeping red fescue

Sowing rate:	35-45g per m ²
Overseeding rate:	20-30g per m ²
Sowing depth:	8-12mm below thatch
Mowing height:	Down to 4mm
Pack size:	20kg

Graph 1

Laboratory Test: Germination of cultivars of slender creeping red fescue and Chewings fescue.

Chewings fescues: *Bargreen*, *Baruba*, *Baroxi*, *Barbirdie*, *Barswing*, *Bargreen II*.
Slender creeping red fescues: *Barcrow*, *Barpearl*, *Viktorka*, *Barmalia*.



All Bent

Golf greens, bowling greens

Usage

Overseeding golf and bowling greens

Key points

- *Charles* #1 by 0.5!
- *BarKing* #5 bent
- *BarKing* winter colour and *Microdochium* (*Fusarium*) tolerance

Species Formulation

100% browntop bentgrass

ALL BENT is a 100% browntop bentgrass blend designed for overseeding and species exchange in golf and bowling greens.

The blend contains three cultivars; *Charles*, *Heriot* and *BarKing*.

Charles is a new NZ-bred variety, named after Bob Charles, the first left-handed golfer to win a major. Like Bob, it breaks new ground, being ranked #1 by a clear half-point in Turfgrass Seed 2019 Table G1! 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 ranked #5, is an excellent European-bred cultivar with superior wear tolerance and winter colour. It also possesses very good tolerance to *Microdochium* Patch disease (*Fusarium*).

Barenbrug recently published results of an extensive four-year trial assessed independently by the STRI, which highlighted the benefits of using *capillaris* cultivars instead of other bentgrass species in the UK and Ireland. A copy of this booklet can be found via www.barenbrug.co.uk.

IN THE BAG

50% **BARKING**
Browntop bentgrass

30% **HERIOT**
Browntop bentgrass

20% **CHARLES**
Browntop bentgrass

Sowing rate: 8-10g per m²
Overseeding rate: 4-6g per m²
Sowing depth: Rootzone contact
Mowing height: Down to 3mm
Pack size: 10kg, 20kg

Discover our ALL BENT Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Ignite (V8) Creeping bentgrass

Bred by Jacklin Seed, *Ignite* (known as *V8* in USA) is a new creeping bentgrass bred specifically for high performance golf greens. *Ignite* is a hybrid between two elite breeding lines selected for its close-mowing, shade and disease tolerance.

Ignite has been seeded on golf courses worldwide (including the UK) and has received excellent independent evaluations in current NTEP (National Turfgrass Evaluation Program) putting green trials comparing it side-by-side with other commercial and experimental bentgrasses.

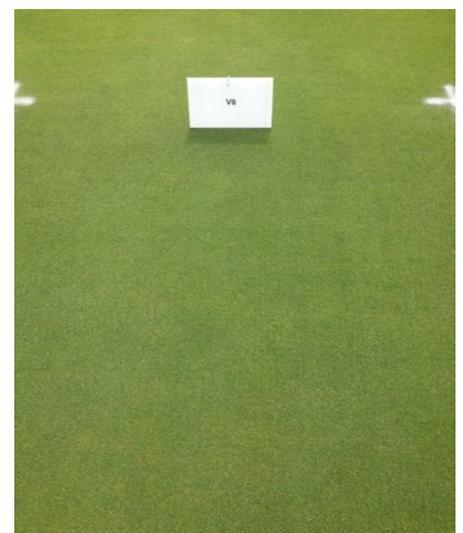
Characteristics

- *Ignite* earned the #1 ranking for turf quality in NTEP's putting green trials for LPI Group 1 with locations in Indiana, Kentucky, Minnesota, Pennsylvania, Utah, Virginia and Washington state
- Exceptional fineness of leaf and shoot density
- Good disease tolerance to *Microdochium*, Anthracnose and Dollar Spot
- Highly tolerant of shade
- Good spring green-up
- Medium-dark blue-green colour
- Smooth recovery from aeration

Formulation

100% Ignite creeping bentgrass

Sowing rate:	8-10g per m ²
Overseeding rate:	4-5g per m ²
Sowing depth:	Rootzone contact
Mowing height:	Down to 2mm
Pack size:	11.34kg



Discover our **IGNITE (V8) Factsheet** to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



L-93XD

Creeping bentgrass

Bred by Jacklin Seed, **L-93XD** is a brand new creeping bentgrass bred specifically for high performance golf greens and eXtra Disease (XD) tolerance.

L-93XD has received excellent independent evaluations in current NTEP (National Turfgrass Evaluation Program) putting green trials comparing it side-by-side with other commercial and experimental bentgrasses.

Characteristics

- L-93XD earned #1 ranking at California Golf Club of San Francisco greens test, =#2 Los Angeles Country Club greens test, #1 NJ1 greens, =#2 IN1 greens, =#2 LPI Group 3 greens, =#2 LPI Group 1 fairway, =#3 LPI Group 2 fairway
- Exceptional fineness of leaf and shoot density
- Excellent disease tolerance to *Microdochium*, Anthracnose and Dollar Spot
- Medium green colour

Formulation

100% L-93XD creeping bentgrass

Sowing rate:	8-10g per m ²
Overseeding rate:	4-5g per m ²
Sowing depth:	Rootzone contact
Mowing height:	Down to 2mm
Pack size:	11.34kg

Discover our L-93XD Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Classic 80:20

Golf greens, bowling greens

Usage

Construction of free-draining fine-turf areas; golf and bowling greens

Key points

- *Barlineus* #1 Chewings
- *Viktorka* #2 slender
- *BarKing* #5 bent

Species Formulation

40% slender creeping red fescue
40% Chewings red fescue
20% browntop bentgrass

CLASSIC 80:20 is a traditional mix of fescue and bentgrass designed to deliver a consistent and balanced blend of these species when sowing out new fine-turf areas such as golf and bowling greens.

The fescue part of the mixture is made up of equal portions of slender red creeping fescue and Chewings red fescue seed. The combination of these two sub-species offers the best solution for year-round performance and growth in fescue-dominant turf – Chewings fescues will generally be most active in spring through to mid-summer, whereas slender creepers “kick in” during early summer and perform well through to autumn.

CLASSIC 80:20 contains the top-rated red fescue on the market (*Barlineus*, 20%) and the #2-ranked slender *Viktorka*.

BarKing is the variety of browntop bentgrass in the mixture. It is an excellent European-bred cultivar with superior wear tolerance and winter colour. It also possesses very good tolerance to *Microdochium* Patch disease (*Fusarium*).

Barenbrug recently published results of an extensive four-year trial assessed independently by the STRI, which highlighted the benefits of sowing newly constructed golf greens with a high quality 80:20 mixture of fescue and browntop bentgrass. The mix is adaptable to a variety of maintenance regimes and is very effective at limiting *Poa annua* ingress.

A copy of this booklet can be found via www.barenbrug.co.uk.

IN THE BAG

20%	VIKTORKA Slender creeping red fescue
20%	BARCROWN Slender creeping red fescue
20%	BARLINEUS Chewings red fescue
20%	BODEGA Chewings red fescue
20%	BARKING Browntop bentgrass

Sowing rate:	20-30g per m ²
Overseeding rate:	10-20g per m ²
Sowing depth:	Rootzone contact
Mowing height:	Down to 4mm
Pack size:	20kg

Discover our CLASSIC 80:20 Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Platinum Fine Turf

Golf greens, tees, fairways, bowling greens

Usage

Overseeding and/or **construction** of fine turf with moderate wear; golf and bowling greens; tees and fairways

Key points

- *Barolympic* #1 Table G4 8.6
- *Barlineus* #1 Table G2 8.2

Species Formulation

40% slender creeping red fescue
30% perennial ryegrass
30% Chewings red fescue

PLATINUM FINE TURF is a mixture of perennial ryegrass and red fescue, designed for the construction or overseeding of fine turf under moderate wear pressure.

The "driver" of the mixture is 30% *Barolympic* perennial ryegrass. *Barolympic* is the stand-out cultivar ryegrass for summer sports use. It is ranked #1 with a score of 8.6 in Table G4 of BSPB TGS 2019, the highest Mean score in the entire publication, and more than a full point clear of its nearest rival in G4! See Table 1.

In addition to its outstanding Mean score, *Barolympic* is ranked #1 for pale colour and #2 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 in the mix are outstanding performers, including #1-rated *Barlineus* and #2-rated *Viktorka*.

IN THE BAG

40%	VIKTORKA Slender creeping red fescue
30%	BAROLYMPIC Perennial ryegrass
20%	BARLINEUS Chewings red fescue
10%	MUSICA Chewings red fescue

Sowing rate:	25-35g per m ²
Overseeding rate:	15-25g per m ²
Sowing depth:	8-12mm
	below thatch
Mowing height:	Down to 4mm
Pack size:	20kg

CULTIVAR	Shoot Density	Visual Merit	Mean	Fineness of Leaf	Resistance to Red Thread	Winter Greenness	Summer Greenness
<i>BAROLYMPIC</i>	8.5	8.7	8.6	8.2	6.9	4.0	4.1
<i>Clementine</i>	7.6	7.5	7.6	6.7	6.3	5.8	5.7
<i>Cabrio</i>	7.3	7.5	7.4	8.2	4.9	5.5	6.1
<i>BARSIGNUM</i>	7.2	7.1	7.1	7.0	6.4	6.1	7.1
<i>Monroe</i>	6.7	7.1	6.9	7.0	6.2	6.5	6.8
<i>Dickens 1</i>	6.4	7.0	6.9	6.4	6.3	5.6	5.2
<i>BARGOLD</i>	6.3	6.9	6.8	7.1	5.8	6.5	6.1

Table 1 Top scoring /ranking perennial ryegrass cultivars in BSPB Turfgrass Seed 2019 Table G4.

Discover our **PLATINUM FINE TURF** Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Medal

Golf greens, tees, fairways, bowling greens

Usage

Overseeding, divotting and/or **construction** of medium-fine and fine turf with high wear; golf and bowling greens; tees and fairways

Key points

- *Barolympic* #1 Table G4 8.6!
- *Barsignum* #2 Visual Merit Table L1; ranked #5 on L1 and #4 G4

Species Formulation

60% perennial ryegrass
40% slender creeping red fescue

MEDAL is a mixture of perennial ryegrass and red fescue, designed for the construction or overseeding of medium-fine and fine turf under high wear pressure.

The main components of the mixture are the ryegrasses; *Barolympic* and *Barsignum*. *Barolympic* is the stand-out cultivar ryegrass for summer sports use. It is ranked #1 with a score of 8.6 in Table G4 of BSPB TGS 2019, the highest Mean score in the entire publication, and more than a full point clear of its nearest rival in G4! See Table 1.

Barsignum is an outstanding ryegrass in its own right, ranked #5 in Tables L1 and #4 in G4.

Viktorka is an excellent performer, ranked #2 for close-mown trials in TGS 2019. It also exhibits exceptional red thread tolerance.

CULTIVAR	Shoot Density	Visual Merit	Mean	Fineness of Leaf	Resistance to Red Thread	Winter Greenness	Summer Greenness
<i>BAROLYMPIC</i>	8.5	8.7	8.6	8.2	6.9	4.0	4.1
<i>Clementine</i>	7.6	7.5	7.6	6.7	6.3	5.8	5.7
<i>Cabrio</i>	7.3	7.5	7.4	8.2	4.9	5.5	6.1
<i>BARSIGNUM</i>	7.2	7.1	7.1	7.0	6.4	6.1	7.1
<i>Monroe</i>	6.7	7.1	6.9	7.0	6.2	6.5	6.8
<i>Dickens 1</i>	6.4	7.0	6.9	6.4	6.3	5.6	5.2
<i>BARGOLD</i>	6.3	6.9	6.8	7.1	5.8	6.5	6.1

Table 1 Top scoring /ranking perennial ryegrass cultivars in BSPB Turfgrass Seed 2019 Table G4.

IN THE BAG

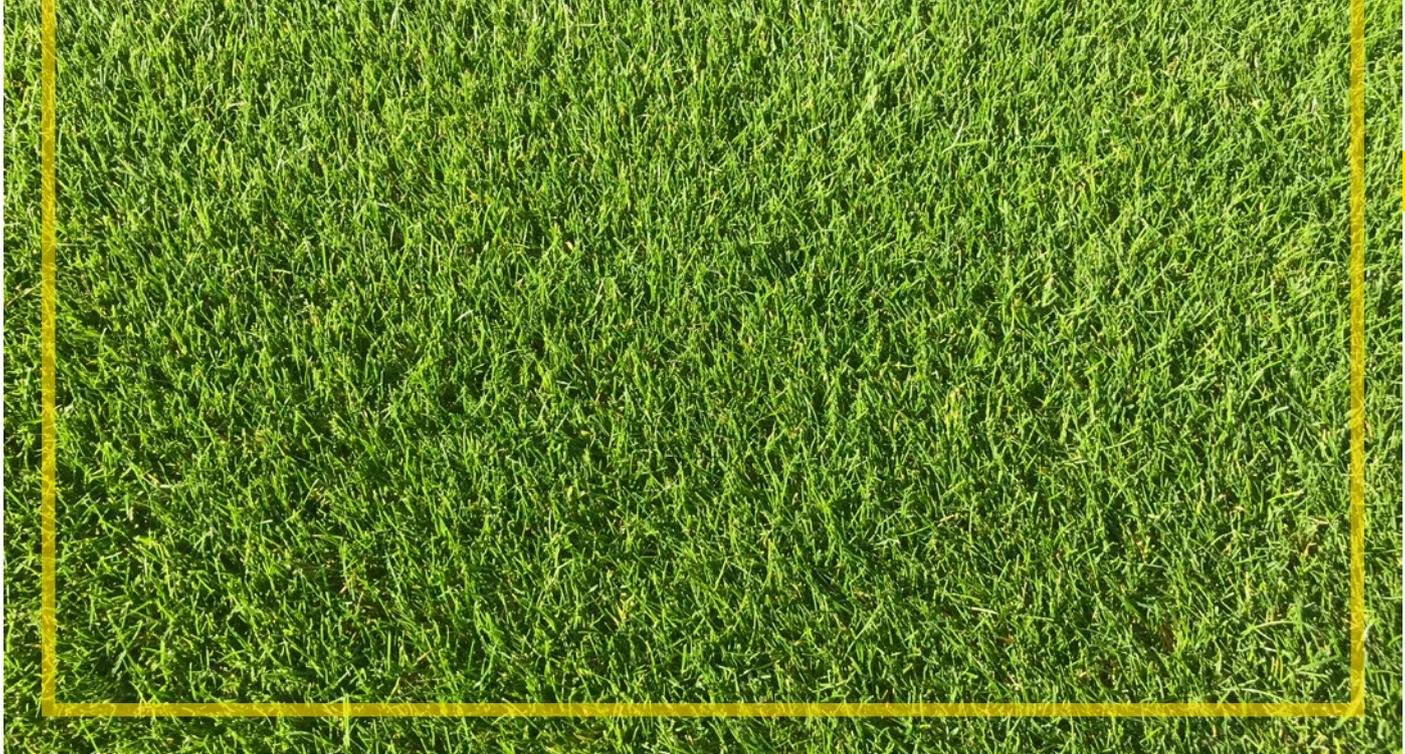
40% **VIKTORKA**
Slender creeping red fescue

30% **BAROLYMPIC**
Perennial ryegrass

30% **BARSIGNUM**
Perennial ryegrass

Sowing rate: 25-35g per m²
Overseeding rate: 15-25g per m²
Sowing depth: 8-12mm
below thatch
Mowing height: Down to 4mm
Pack size: 20kg

Discover our MEDAL Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Ultrafine

Greens, surrounds, walk-offs

Usage

Overseeding and/or **construction** of fine turf with intense wear; greens, surrounds, tennis courts

Key points

- *Barolympic* #1 Table G4 8.6
- *Barsignum* #4 Table G4
- *Eventus* #3 FoL L1
- Excellent recovery and fast growth

Species Formulation

100% perennial ryegrass

ULTRAFINE is a blend of perennial ryegrasses for use in areas of fine turf that demand tolerance to close-mowing and high wear with exceptional fineness of leaf. Golf green surrounds, walk-offs and tennis courts are perfect examples of where this grass seed mix comes into its own.

Barolympic is the stand-out cultivar ryegrass for summer sports use. It is ranked #1 with a score of 8.6 in Table G4 of BSPB TGS 2019, the highest Mean score in the entire publication, and more than a full point clear of its nearest rival in G4!

In addition to its outstanding Mean scores, *Barolympic* is ranked #1 for pale colour and #2 for fineness of leaf in Tables L1 and G4. This makes it exceptionally easy to blend in with other grass species, such as red fescue or annual meadowgrass.

Eventus is ranked #2 and #3 for fineness of leaf in Table G4, and shows very fast recovery and growth rates (ranked #1 in the top 40, Table L1) for a summer sports ryegrass. This enables quick germination, establishment and mid-season repair in areas of high traffic.

Barsignum is another outstanding ryegrass in its own right, ranked #5 in Table L1 and #4 in G4.

IN THE BAG

50%	BAROLYMPIC Perennial ryegrass
30%	BARSIGNUM Perennial ryegrass
20%	EVENTUS Perennial ryegrass

Sowing rate:	25-50g per m ²
Overseeding rate:	20-30g per m ²
Sowing depth:	10-15mm
Mowing height:	Down to 5mm
Pack size:	20kg

Discover our **ULTRAFINE** Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Extreme Tees, fairways

Usage

Overseeding, divotting and/or **construction** of medium-fine turf with intense wear; tees, fairways, cricket squares and outfields

Key points

- Fineness of leaf *Eventus* #3; *Barsignum* #5; *Bargold* #6
- Wear tolerance *Barcristalla* and *Eventus*

Species Formulation

100% perennial ryegrass

EXTREME is a blend of perennial ryegrasses for use in areas of medium-fine turf that demand tolerance to close-mowing and high wear with exceptional fineness of leaf. Golf tees, fairways, high-traffic lawns, cricket squares and tennis courts are perfect examples of where this grass seed mix is at home.

All four cultivars bring advantages and different characteristics to the mix. *Eventus* is ranked #2 and #3 for Fineness of Leaf in BSPB Turfgrass Seed Tables S1 and L1, respectively, and shows very fast recovery and growth rates (ranked #1 in the top 40, Table L1) for a summer sports ryegrass. This enables quick germination, establishment and mid-season repair in areas of high traffic.

Barsignum is an outstanding summer sports ryegrass, ranked #5 in Table L1 and #4 in G4.

Barcristalla is a medium-fine ryegrass with excellent wear tolerance and superior colour. It is ranked #6 for wear tolerance (Table S1) and #1 of any grass in the top 60 for dark genetic colour.

Old favourite *Bargold* remains an excellent cultivar, still ranked in the top six for leaf fineness in Table L1.

IN THE BAG

35%	BARCRISTALLA Perennial ryegrass
25%	BARGOLD Perennial ryegrass
25%	EVENTUS Perennial ryegrass
15%	BARSIGNUM Perennial ryegrass

Sowing rate:	25-50g per m ²
Overseeding rate:	20-30g per m ²
Sowing depth:	10-15mm
Mowing height:	
Golf	Down to 5mm
Cricket	Down to 2mm
Pack size:	20kg

Discover our **EXTREME** Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



RPR Golf

Tees, fairways, walkways

Usage

Overseeding, divotting and/or construction of golf turf with intense wear; tees, fairways, walkways.

Key points

- *Barlibro* RPR delivers fast establishment and unparalleled capacity for recovery from wear due to stoloniferous growth habit.
- *Eurocordus* #3 S1 wear tolerance
- *Barsignum* #5 Mean in L1; #3 for Visual Merit

Species Formulation

100% perennial ryegrass

RPR GOLF is a blend of perennial ryegrasses for use in areas of intensive golf traffic, delivering turf with exceptional wear tolerance, fast recovery and good aesthetics.

Barlibro is a Regenerating Perennial Ryegrass (RPR) that produces stolons as it establishes and grows. Figure 1 shows a *Barlibro* plant grown from a single seed at 15 months old. The stolons and new secondary branches of growth can be seen clearly. The lateral growth habit results in fast establishment between seeding lines and unparalleled capacity for recovery after and during wear.

Eurocordus is a medium-fine ryegrass with outstanding tolerance to wear. It is ranked #3 for sports wear in Table S1, Turfgrass Seed 2019.

Barsignum is an outstanding summer sports ryegrass, ranked #5 for Mean score and #3 for Visual Merit in Table L1.

IN THE BAG

35% **BARLIBRO**
RPR perennial ryegrass

35% **EUROCORDUS**
Perennial ryegrass

30% **BARSIGNUM**
Perennial ryegrass

Sowing rate: 25-50g per m²
Overseeding rate: 20-30g per m²
Sowing depth: 10-15mm
 below thatch
Mowing height: Down to 10mm
Pack size: 20kg



Figure 1 Photographs of a 15-month old *Barlibro* plant grown from a single seed.

Discover our RPR GOLF Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Fairway Rye

Tees, fairways, semi-roughs

Usage

Overseeding, divotting and/or construction of medium-fine turf with moderate wear

Key points

- *Barcristalla* strong all-rounder with good colour and wear tolerance
- *Barpearl* high Red thread tolerance

Species Formulation

40% perennial ryegrass
 35% strong creeping red fescue
 15% slender creeping red fescue
 10% Chewings red fescue

FAIRWAY RYE is a mixture of four grass species and sub-species, designed for the overseeding, divotting or construction of a balanced blend of medium-fine turf across a range of soil types.

The "driver" of the mixture is 40% *Barcristalla* perennial ryegrass. *Barcristalla* is a medium-fine ryegrass with excellent wear tolerance and superior colour. It is well ranked on both S1 and L1 BSPB/STRI tables.

The red fescue cultivars in the mix are all consistent performers, and are all ranked highly in the BSPB Turfgrass Seed booklet. Of particular note is the outstanding red thread tolerance of *Barpearl*, an important factor in fairways under low nutrition.

IN THE BAG

40%	BARCRISTALLA Perennial ryegrass
35%	SERGEI Strong creeping red fescue
15%	BARPEARL Slender creeping red fescue
10%	MUSICA Chewings red fescue

Sowing rate:	25-35g per m ²
Overseeding rate:	10-25g per m ²
Sowing depth:	5-10mm below thatch
Mowing height:	Down to 10mm
Pack size:	20kg

Discover our **FAIRWAY RYE** Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Cricket & Tennis





Extreme

Cricket squares & outfield, Tennis, Hockey, Lacrosse

Usage

Overseeding, divotting and/or **construction** of medium-fine turf with intense wear; tees, fairways, cricket squares and outfield

Key points

- Fineness of leaf *Eventus* #3; *Barsignum* #5; *Bargold* #6
- Wear tolerance *Barcristalla* and *Eventus*

Species Formulation

100% perennial ryegrass

EXTREME is a blend of perennial ryegrasses for use in areas of medium-fine turf that demand tolerance to close-mowing and high wear with exceptional fineness of leaf. Golf tees, fairways, high-traffic lawns, cricket squares and tennis courts are perfect examples of where this grass seed mix is at home.

All four cultivars bring advantages and different characteristics to the mix. *Eventus* is ranked #2 and #3 for Fineness of Leaf in BSPB Turfgrass Seed Tables S1 and L1, respectively, and shows very fast recovery and growth rates (ranked #1 in the top 40, Table L1) for a summer sports ryegrass. This enables quick germination, establishment and mid-season repair in areas of high traffic.

Barsignum is an outstanding summer sports ryegrass, ranked #5 in Table L1 and #4 in G4.

Barcristalla is a medium-fine ryegrass with excellent wear tolerance and superior colour. It is ranked #6 for wear tolerance (Table S1) and #1 of any grass in the top 60 for dark genetic colour.

Old favourite *Bargold* remains an excellent cultivar, still ranked in the top six for leaf fineness in Table L1.

IN THE BAG

35%	BARCRISTALLA Perennial ryegrass
25%	BARGOLD Perennial ryegrass
25%	EVENTUS Perennial ryegrass
15%	BARSIGNUM Perennial ryegrass

Sowing rate:	25-50g per m ²
Overseeding rate:	20-30g per m ²
Sowing depth:	10-15mm
Mowing height:	
Golf	Down to 5mm
Cricket	Down to 2mm
Pack size:	20kg

Discover our **EXTREME** Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Medal

Cricket outfields, Tennis

Usage

Overseeding, divotting and/or **construction** of medium-fine and fine turf with high wear; summer sports outfields, golf and bowling greens; tees and fairways

Key points

- *Barolympic* #1 Table G4 8.6!
- *Barsignum* #2 Visual Merit Table L1; ranked #5 on L1 and #4 G4

Species Formulation

60% perennial ryegrass
40% slender creeping red fescue

MEDAL is a mixture of perennial ryegrass and red fescue, designed for the construction or overseeding of medium-fine and fine turf under high wear pressure.

The main components of the mixture are the ryegrasses; *Barolympic* and *Barsignum*. *Barolympic* is the stand-out cultivar ryegrass for summer sports use. It is ranked #1 with a score of 8.6 in Table G4 of BSPB TGS 2019, the highest Mean score in the entire publication, and more than a full point clear of its nearest rival in G4! See Table 1.

Barsignum is an outstanding ryegrass in its own right, ranked #5 in Tables L1 and #4 in G4.

Viktorka is an excellent performer, ranked #2 for close-mown trials in TGS 2019. It also exhibits exceptional red thread tolerance.

CULTIVAR	Shoot Density	Visual Merit	Mean	Fineness of Leaf	Resistance to Red Thread	Winter Greenness	Summer Greenness
<i>BAROLYMPIC</i>	8.5	8.7	8.6	8.2	6.9	4.0	4.1
<i>Clementine</i>	7.6	7.5	7.6	6.7	6.3	5.8	5.7
<i>Cabrio</i>	7.3	7.5	7.4	8.2	4.9	5.5	6.1
<i>BARSIGNUM</i>	7.2	7.1	7.1	7.0	6.4	6.1	7.1
<i>Monroe</i>	6.7	7.1	6.9	7.0	6.2	6.5	6.8
<i>Dickens 1</i>	6.4	7.0	6.9	6.4	6.3	5.6	5.2
<i>BARGOLD</i>	6.3	6.9	6.8	7.1	5.8	6.5	6.1

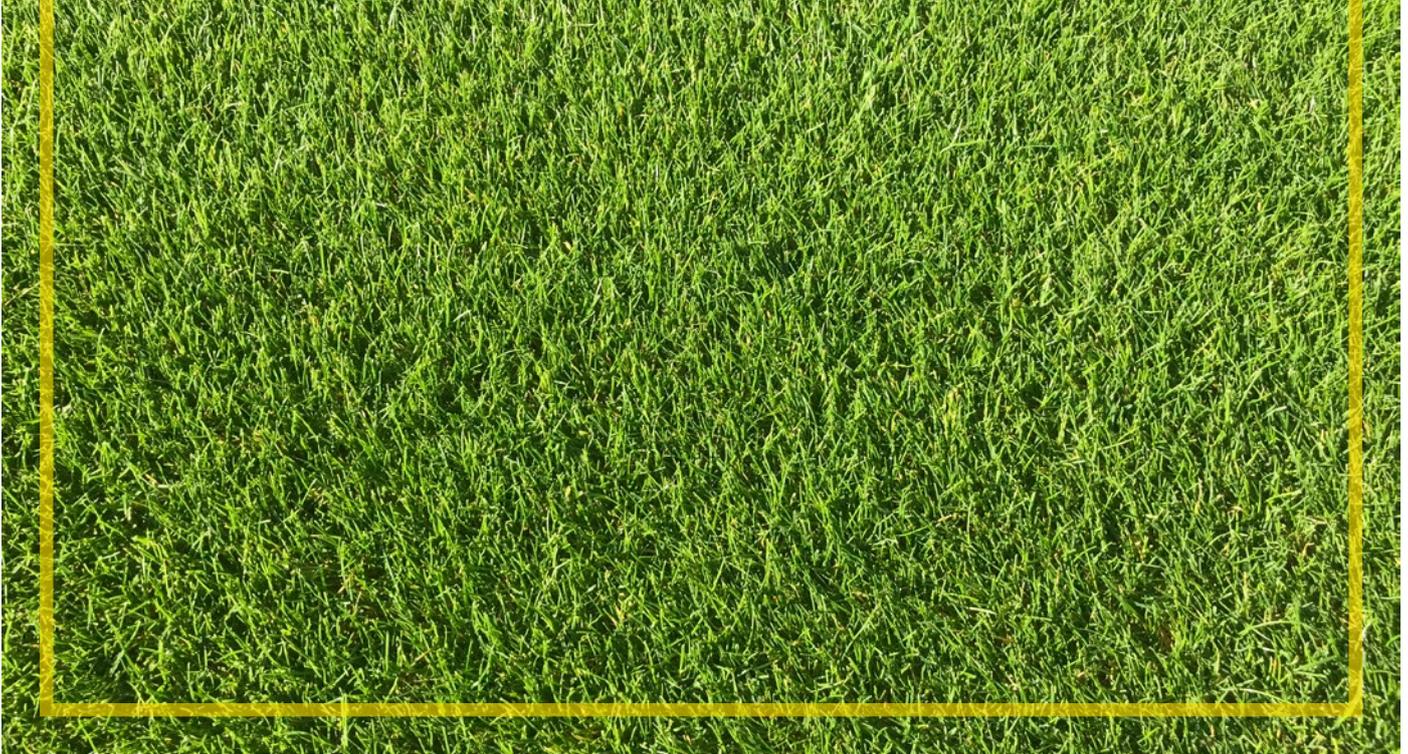
Table 1 Top scoring /ranking perennial ryegrass cultivars in BSPB Turfgrass Seed 2019 Table G4.

IN THE BAG

40%	VIKTORKA Slender creeping red fescue
30%	BAROLYMPIC Perennial ryegrass
30%	BARSIGNUM Perennial ryegrass

Sowing rate:	25-35g per m ²
Overseeding rate:	15-25g per m ²
Sowing depth:	8-12mm below thatch
Mowing height:	Down to 4mm
Pack size:	20kg

Discover our MEDAL Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Ultrafine

Tennis

Usage

Overseeding and/or **construction** of fine turf with intense wear; greens, surrounds, tennis courts

Key points

- *Barolympic* #1 Table G4 8.6
- *Barsignum* #4 Table G4
- *Eventus* #3 FoL L1
- Excellent recovery and fast growth

Species Formulation

100% perennial ryegrass

ULTRAFINE is a blend of perennial ryegrasses for use in areas of fine turf that demand tolerance to close-mowing and high wear with exceptional fineness of leaf. Golf green surrounds, walk-offs and tennis courts are perfect examples of where this grass seed mix comes into its own.

Barolympic is the stand-out cultivar ryegrass for summer sports use. It is ranked #1 with a score of 8.6 in Table G4 of BSPB TGS 2019, the highest Mean score in the entire publication, and more than a full point clear of its nearest rival in G4!

In addition to its outstanding Mean scores, *Barolympic* is ranked #1 for pale colour and #2 for fineness of leaf in Tables L1 and G4. This makes it exceptionally easy to blend in with other grass species, such as red fescue or annual meadowgrass.

Eventus is ranked #2 and #3 for fineness of leaf in Table G4, and shows very fast recovery and growth rates (ranked #1 in the top 40, Table L1) for a summer sports ryegrass. This enables quick germination, establishment and mid-season repair in areas of high traffic.

Barsignum is another outstanding ryegrass in its own right, ranked #5 in Table L1 and #4 in G4.

IN THE BAG

50%	BAROLYMPIC Perennial ryegrass
30%	BARSIGNUM Perennial ryegrass
20%	EVENTUS Perennial ryegrass

Sowing rate:	25-50g per m ²
Overseeding rate:	20-30g per m ²
Sowing depth:	10-15mm
Mowing height:	Down to 5mm
Pack size:	20kg

Discover our **ULTRAFINE** Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Football & Rugby





Elite Sport Football & Rugby

Usage

Renovation and/or construction
of elite winter sports pitches

Key points

- 4 cultivars in top-6; industry-leading mean score of 7.92 Table S1 BSPB/STRI 2019
- *Barcristalla* superior colour, particularly Autumn

Species Formulation

100% perennial ryegrass

ELITE SPORT is a blend of four hard-wearing perennial ryegrasses for the renovation and construction of winter sports pitches.

The mixture is formulated primarily on performance in the BSPB/STRI Turfgrass Seed booklet; specifically, Table S1 under sports wear simulation. All four cultivars are ranked in the top-6 of this table, and the blend has an industry-leading mean score of 7.92 (see Fig. 1).

Barcristalla is ranked #1 in the top-60 varieties for colour and has exceptional *Drechslera* leaf spot tolerance, two factors important to elite stadium environments.

IN THE BAG

40% **EUROPITCH**
Perennial ryegrass

25% **EUROCORDUS**
Perennial ryegrass

25% **BARCRISTALLA**
Perennial ryegrass

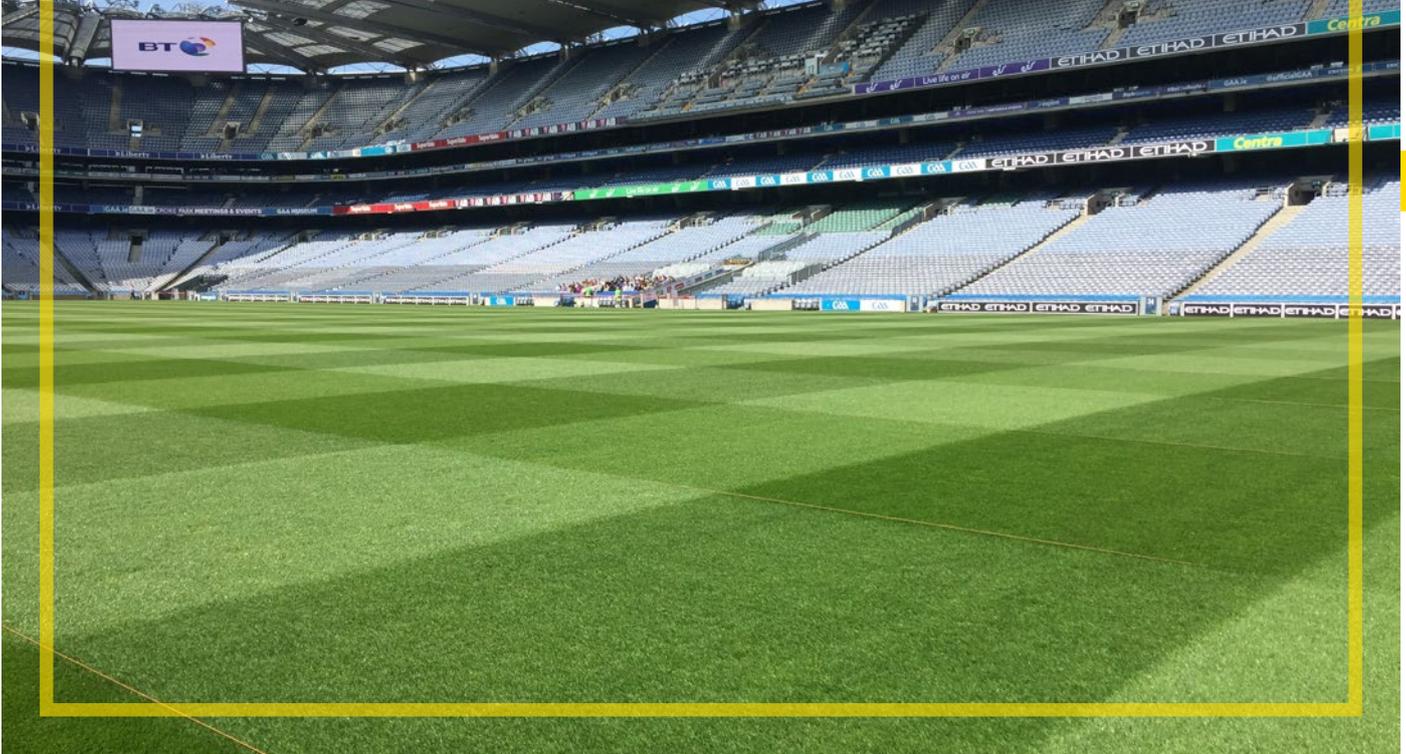
10% **EUROSPORT**
Perennial ryegrass

CULTIVAR	Live Ground Cover	Visual Merit	Mean	Recovery	Shoot Density	Fineness of Leaf	Resistance to Red Thread	Winter Greenness	Summer Greenness
<i>EUROPITCH</i>	8.0	8.2	8.1	7.5	8.2	7.8	4.1	5.3	5.1
<i>Eurodiamond</i>	8.1	8.0	8.0	7.1	7.9	6.6	4.0	5.3	5.4
<i>EUROCORDUS</i>	8.0	7.8	7.9	7.5	7.8	6.9	-	5.4	5.4
<i>EUROSPORT</i>	7.8	7.8	7.8	7.8	7.6	7.0	-	5.7	5.7
<i>Monroe</i>	7.6	7.8	7.7	7.7	7.6	8.1	6.3	6.0	6.1
<i>BARCRISTALLA</i>	7.8	7.6	7.7	6.9	7.4	7.0	5.6	6.1	7.2
<i>Cameron (LA)</i>	7.6	7.8	7.7	7.8	7.6	7.9	4.3	5.6	5.7
<i>Baradona (LA)</i>	7.8	7.6	7.7	7.6	7.5	7.1	3.7	5.3	6.0
<i>Barorlando</i>	7.6	7.5	7.5	6.7	7.5	6.8	6.0	5.5	7.3
<i>Columbine</i>	7.6	7.5	7.5	7.2	7.0	6.1	5.2	6.2	5.7

Sowing rate: 30-50g per m²
Overseeding rate: 15-30g per m²
Sowing depth: 10-15mm
Mowing height: Down to 18mm
Pack size: 20kg

Figure 1 Table S1 Turfgrass Seed 2019

Discover our **ELITE SPORT** Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



RPR Sport

Football & Rugby, Stadium environments

Usage

Renovation and/or construction of winter sports pitches

Key points

- Mixture formulated from dedicated UK Cropvale wear trials with objective DIA scoring; wear tolerance with other benefits.
- *Barlibro* RPR delivers fast establishment and unparalleled capacity for recovery from wear due to stoloniferous growth habit.
- *Barcristalla* and *Barorlando* give superior colour and *Drechslera* leaf spot tolerance.

Species Formulation

100% perennial ryegrass

RPR SPORT is a highly researched blend of three hard-wearing perennial ryegrasses for the renovation and construction of elite winter sports pitches.

Four years of dedicated wear trials at our research station Cropvale in Worcestershire, together with close analysis of BSPB Turfgrass Seed and the official French list as well as data from our breeding stations across the globe has delivered a blend focussed on four key traits for high performance pitches – wear tolerance, dark genetic colour, (*Drechslera*) disease tolerance and recovery.

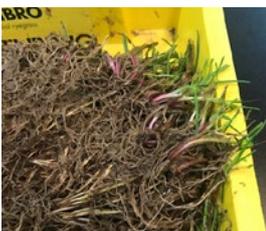
The wear trials at Cropvale are run annually in line with the football season and are assessed via an objective method called Digital Image Analysis (DIA). A camera box takes images of trial plots on a monthly basis and DIA enables the production of extremely accurate data on both wear tolerance and genetic colour for both cultivars and critically, mixture formulations.

BSPB/STRI Turfgrass Seed 2019 data supports the Cropvale Research. *Barcristalla* and *Barorlando* are ranked #6 and #9, respectively, for mean performance under wear and #1 and #2 for autumn colour (in the top-70 varieties).

IN THE BAG

40%	BARCRISTALLA Perennial ryegrass
30%	BARLIBRO RPR perennial ryegrass
30%	BARORLANDO Perennial ryegrass

Sowing rate:	30-50g per m ²
Overseeding rate:	15-30g per m ²
Sowing depth:	10-15mm
Mowing height:	Down to 18mm
Pack size:	20kg



Barlibro is a Regenerating Perennial Ryegrass (RPR) that produces stolons as it establishes and grows. Figure 1 shows a *Barlibro* plant grown from a single seed at 15 months old.

Figure 1 Photographs of a 15-month old *Barlibro* plant grown from a single seed.

Discover our RPR SPORT Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Multi Sport

Football, Rugby, multi-use sports fields

Usage

Renovation and/or construction of sports fields

Key points

- All 4 cultivars in top-15; mean score of 7.59 Table S1 BSPB/STRI 2019
- 100% UK-produced grass seed
- Exceptional colour to reduce nitrogen requirements
- All 4 cultivars listed in Table L1; mean score of 6.81

Species Formulation

100% perennial ryegrass

MULTI SPORT is a blend of four hard-wearing perennial ryegrasses for the renovation and construction of sports fields.

The mixture is formulated with a focus on performance and sustainability. All the cultivars are ranked in the top-15 of Table S1 in the BSPB/STRI Turfgrass Seed booklet 2019 and are all produced by British farms here in the UK.

Barorlando and *Barcristalla* (70% of the mix) are ranked #1 and #2, respectively, in the top 70 varieties for autumn colour, which means that superb aesthetics can be achieved with reduced Nitrogen inputs.

All four varieties are also listed in table L1 of the BSPB/STRI Turfgrass Seed booklet 2019 – the blend has adaptability for sports fields with multiple usage or at variable seasonal mowing heights. *Barcristalla* and *Baromario* (60% of the mix) both exhibit strong performance at mowing heights as low as 10mm.

Baromario is new to the Sport Range for 2019. It is an excellent all-round performer with particularly high shoot density and good fineness of leaf.

IN THE BAG

40%	BARCRISTALLA Perennial ryegrass
30%	BARORLANDO Perennial ryegrass
20%	BAROMARIO Perennial ryegrass
10%	BARLICUM Perennial ryegrass

Sowing rate:	30-50g per m ²
Overseeding rate:	15-30g per m ²
Sowing depth:	10-15mm
Mowing height:	Down to 10mm
Pack size:	20kg

Discover our **MULTI SPORT Factsheet** to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Smooth Sport

Football & Rugby

Usage

Construction of winter sports pitches with long establishment window

Key points

- *Eurosport* and *Barorlando* highly rated in TGS S1 (7.8 & 7.5)
- *Bariris* highly rated in TGS S2 (7.1)

Species Formulation

80% perennial ryegrass
20% smooth-stalked meadowgrass

SMOOTH SPORT is a blend of perennial ryegrasses and smooth-stalked meadowgrass for the construction of winter sports pitches. It is recommended to allow at least three months for the smooth-stalked meadowgrass to establish.

The mixture is formulated primarily on performance in the BSPB/STRI Turfgrass Seed booklet; specifically, Tables S1 and S2 under sports wear simulation. All three cultivars are ranked in the top-10 of their respective tables, and the blend has an outstanding Mean score of 7.43.

IN THE BAG

40% **EUROSPORT**
Perennial ryegrass

40% **BARORLANDO**
Perennial ryegrass

20% **BARIRIS**
Smooth-stalked meadowgrass

Sowing rate: 30-40g per m²
Overseeding rate: 15-20g per m²
Sowing depth: 10-15mm
below thatch
Mowing height: Down to 18mm
Pack size: 20kg

CULTIVAR	Live Ground Cover	Visual Merit	Mean
<i>Europitch</i>	8.0	8.2	8.1
<i>Eurodiamond</i>	8.1	8.0	8.0
<i>EuroCordus</i>	8.0	7.8	7.9
EUROSPORT	7.8	7.8	7.8
<i>Monroe</i>	7.6	7.8	7.7
<i>Barcristalla</i>	7.8	7.6	7.7
<i>Cameron (LA)</i>	7.6	7.8	7.7
<i>Baradona (LA)</i>	7.8	7.6	7.7
BARORLANDO	7.6	7.5	7.5
<i>Columbine</i>	7.6	7.5	7.5

Table S1 Turfgrass Seed 2019
Perennial ryegrass (*Lolium perenne*)

CULTIVAR	Live Ground Cover	Visual Merit	Mean
<i>Rihanna (LA)</i>	7.7	7.8	7.8
<i>Traction</i>	7.5	7.9	7.7
<i>Becca (LA)</i>	7.6	7.7	7.6
<i>Julius</i>	7.4	7.5	7.5
<i>Harmonie</i>	7.3	7.2	7.2
BARIRIS	7.1	7.2	7.1
<i>Joker</i>	7.1	7.2	7.1
<i>Sombrero</i>	7.0	7.2	7.1
<i>Greenplay</i>	7.0	7.2	7.1
<i>Limousine</i>	7.0	7.2	7.1

Table S2 Turfgrass Seed 2019
Smooth-stalked meadow-grass (*Poa pratensis*)

Discover our **SMOOTH SPORT** Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



SOS

Football & Rugby

Usage

Overseeding and **repair** of sports turf and racecourses in cool temperatures

Key points

- *Barterra* annual ryegrass germinates, establishes and grows faster than perennial ryegrasses
- *Bardorado* offers very fast cool temperature germination for a perennial and provides a long-term solution in the mix.

Species Formulation

50% annual ryegrass
50% perennial ryegrass

SOS is designed to give the fastest possible germination, establishment and growth for emergency repair or divoting sports turf and racecourses.

Barterra is the latest generation amenity annual ryegrass that will germinate at temperatures as low as 3.5°C, making it the ideal tool to maintain grass cover throughout the winter. Barenbrug research shows that amenity annual ryegrasses germinate more quickly and at lower temperatures than perennial ryegrass, including tetraploid varieties.

Bardorado is partnered with *Barterra* to give a longer-term solution within the mix as it is a perennial ryegrass with good performance characteristics, wear tolerance and disease tolerance. It is specifically chosen, as trials have proven that *Bardorado* germinates particularly well at low temperatures for a perennial.

IN THE BAG

50% **BARTERRA**
Annual ryegrass

50% **BARDORADO**
Perennial ryegrass

Sowing rate: 30-40g per m²
Overseeding rate: 20-40g per m²
Sowing depth: 4-8mm
Mowing height: Down to 20mm
Pack size: 20kg

Discover our SOS Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk



Racing & Polo





RPR Sprint Racecourses

Usage

Overseeding, divotting and construction of racecourses

Key points

- Cultivars that germinate, establish and grow quickly, including *Copeland*, a forage variety and *Double* tetraploid.
- RPR offers unparalleled capacity for recovery from wear due to stoloniferous growth habit and increases traction strength of sward.

Species Formulation

100% perennial ryegrass

RPR SPRINT is a 100% perennial ryegrass seed mixture specifically formulated for the unique demands of racecourses. The blend includes a variety of ryegrass breeding material, including a regenerating stoloniferous cultivar, a forage type and a tetraploid.

Fast establishment, strong and robust growth and superior recovery from wear are the key requirements when renovating or divotting turf on a racecourse.

A major difference between equestrian surfaces and other sports is the mowing height at which the sward is maintained. The STRI/ BSPB Turfgrass Seed Booklet trials 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.

Copeland is actually a forage perennial, but one with excellent sward density, leaf spot tolerance and persistency. *Double* is a tetraploid amenity ryegrass; again offering fast growth and performance for higher heights of cut.

Barorlando and *Barcristalla* have superior wear tolerance properties and excellent recovery at all heights of cut.

Barlibro is a Regenerating Perennial Ryegrass (RPR) that produces stolons as it establishes and grows. The lateral growth habit results in fast establishment between seeding lines, unparalleled capacity for recovery from wear, and additional traction strength in the sward.

Discover our RPR SPRINT Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk

IN THE BAG

30%	BARORLANDO Perennial ryegrass
25%	BARCRISTALLA Perennial ryegrass
20%	COPELAND Perennial ryegrass
15%	BARLIBRO RPR perennial ryegrass
10%	DOUBLE Tetraploid perennial ryegrass

Sowing rate:	25-35g per m ²
Overseeding rate:	15-25g per m ²
Sowing depth:	10-15mm below thatch
Mowing height:	Down to 60mm
Pack size:	20kg



SOS

Racing

Usage

Overseeding and **repair** of sports turf and racecourses in cool temperatures

Key points

- *Barterra* annual ryegrass germinates, establishes and grows faster than perennial ryegrasses
- *Bardorado* offers very fast cool temperature germination for a perennial and provides a long-term solution in the mix.

Species Formulation

50% annual ryegrass
50% perennial ryegrass

SOS is designed to give the fastest possible germination, establishment and growth for emergency repair or divoting sports turf and racecourses.

Barterra is the latest generation amenity annual ryegrass that will germinate at temperatures as low as 3.5°C, making it the ideal tool to maintain grass cover throughout the winter. Barenbrug research shows that amenity annual ryegrasses germinate more quickly and at lower temperatures than perennial ryegrass, including tetraploid varieties.

Bardorado is partnered with *Barterra* to give a longer-term solution within the mix as it is a perennial ryegrass with good performance characteristics, wear tolerance and disease tolerance. It is specifically chosen, as trials have proven that *Bardorado* germinates particularly well at low temperatures for a perennial.

IN THE BAG

50% **BARTERRA**
Annual ryegrass

50% **BARDORADO**
Perennial ryegrass

Sowing rate: 30-40g per m²
Overseeding rate: 20-40g per m²
Sowing depth: 4-8mm
Mowing height: Down to 20mm
Pack size: 20kg

Discover our SOS Factsheet to find out more about how and why this mixture works so well. Visit www.barenbrug.co.uk

Knowledge 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 FESCUE

Festuca rubra commutata



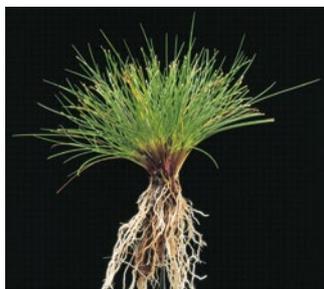
BROWNTOP BENT

Agrostis capillaris



CREEPING BENT

Agrostis stolonifera



HARD FESCUE

Festuca trachyphylla



TALL FESCUE

Festuca arundinacea



TUFTED HAIRGRASS

Deschampsia caespitosa



CRESTED HAIRGRASS

Koeleria macrantha



ANNUAL MEADOWGRASS

Poa annua

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

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	good	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 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> Sheeps fescue	2,000	4.5 -5.8	very low	weak	very low	average	T	average	Very low	Low/very low	Low	
<i>Festuca trachyphylla</i> Hard fescue	2,000	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	average	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	average	High	High	Medium	
<i>Poa annua</i> Annual meadowgrass	6,500	5.5 -7.5	high	weak	intensive	average	T	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>Deschmpsia caespitosa</i> Tufted hairgrass	3,800	5.5 -6.5	high	medium	low	good	T	excellent	Medium	High	High	

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