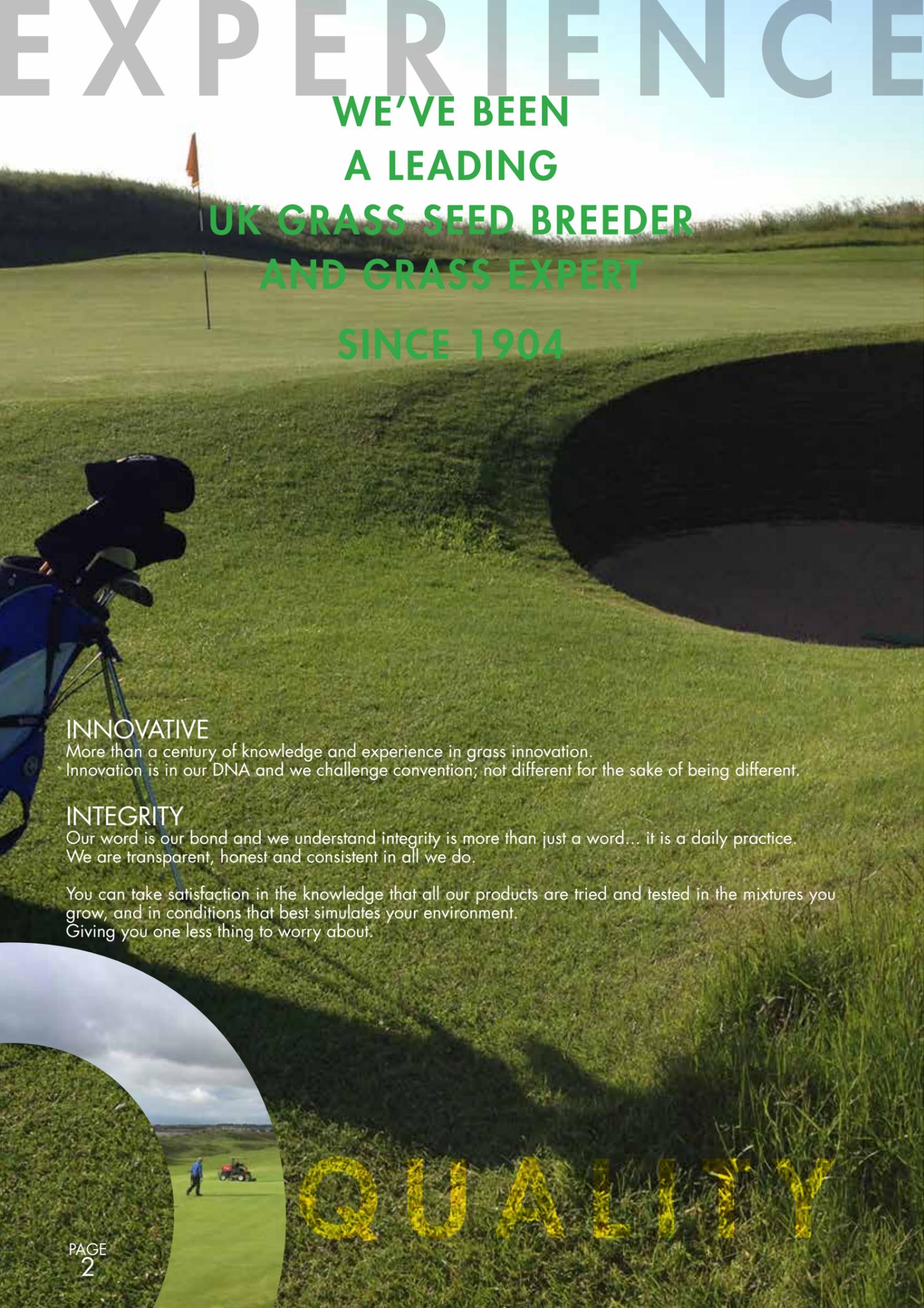




**GOLF NEWS**  
2018 EDITION

# EXPERIENCE

WE'VE BEEN  
A LEADING  
UK GRASS SEED BREEDER  
AND GRASS EXPERT  
SINCE 1904



## INNOVATIVE

More than a century of knowledge and experience in grass innovation. Innovation is in our DNA and we challenge convention; not different for the sake of being different.

## INTEGRITY

Our word is our bond and we understand integrity is more than just a word... it is a daily practice. We are transparent, honest and consistent in all we do.

You can take satisfaction in the knowledge that all our products are tried and tested in the mixtures you grow, and in conditions that best simulates your environment. Giving you one less thing to worry about.

QUALITY

## OPEN CHAMPIONSHIP VENUE CALLS NEW GRASS SEED "SOMETHING OUT OF SCI-FI" Royal St George's Golf Club



Getting one of the world's greatest golf courses in pristine shape for one of the world's greatest golfing tournaments requires a combination of hard graft and nerves of steel.

It's all down to Head Greenkeeper Paul Larsen – who has been tasked with making the bone-dry Royal St George's Golf Club TV-ready for the 2020 Open Championships.

As one of the first-ever golf courses to use high-tech grass seed **Yellow Jacket Water Manager** which locks moisture inside a groundbreaking coating, he's seen a dramatic increase in establishment rates at the historic Kent links course.

"Considering we have one of the driest golf courses in the UK, we've been able to keep moisture levels consistent, while probably using the least amount of water of any course thanks to this new seed," says Paul, who has been at Royal St George's since 2011. "In the past, we would have to increase irrigation levels following overseeding to prevent seedlings from drying out. We don't have to do this anymore. And I can see the new seed making a massive difference to the way we manage our irrigation, after we seeded".

### Open and shut

With such a large programme of improvements to make in the run up to the 149th Open – including the building of 80 bunkers and an entirely new irrigation system – the last thing a greenkeeper needs is a poorly performing grass seed.

Paul says the new Yellow Jacket Water Manager seed, which contains a patented wetting agent that improves germination and

seedling survival rates in areas of low-water availability, is "like something out of sci-fi".

Paul and his team sowed the seed as a trial run at the prestigious course at the beginning of September and have seen incredible results. "I'm trying to retain a 20 per cent moisture level across the board and in the past I've had to increase this to encourage good establishment, but with this seed I haven't had to.

"The seed came through in one week," says Paul, who has been a Greenkeeper for 17 years. "And by week two it was up and running. I wanted minimal irrigation on the greens, and now I've got it."

### From the rough to the smooth

Having hosted Opens, PGA, Amateur Championships, and Walker and Curtis Cups, the 138-year-old course has been witness to more golfing history than any other in England, but like all links courses its humps and swales and fast-running fairways and deep bunkers can suffer from the intrusion of weed seeds– and this can be a perpetual headache for the Greenkeeper.

"Free draining, dry soils are perfect for our desired fescue grasses. We need to keep our irrigation levels low in order to favor the fescues and discourage unwanted grasses such as *Poa* and ryegrass", says Paul.

"Over the last few years we have used selective graminicide to kill off the unwanted coarse grasses. This has left us with areas of reduced grass cover which have required regular overseeding to restore full grass cover as soon as possible".

But since using Yellow Jacket Water Manager, Paul and his team have seen hugely improved results.

"The seed has germinated and established so well, even in difficult areas. The difference in performance with Yellow Jacket Water Manager is clear to see. "I can't afford to waste money putting in grass seed that might not grow; and I know with this seed that this won't happen."

### Seed saviour

Hosting the Open for the 15th time in the Club's history, the pressure is most definitely on Paul to get the course right. But for him, Yellow Jacket has proved to be a valuable tool in his armory.

"I really rate this product; it's amazing" he says. "And I would happily champion it to anyone. There's still a lot of work to be done to prepare for 2020, but I can't wait to get my hands on more of this seed next year to help us get to the right place in time for the Open."



## FESCUE

### GOLF GREENS, TEES, FAIRWAYS BOWLING GREENS

Outstanding blend of 50:50 Chewings and slender creeping fescues for the overseeding and construction of free-draining fine turf.

- 50:50 blend of Chewings and slender creeping fescues offers the best solution for year-round performance and growth in fescue-dominant turf
- Chewings fescues are most active in spring through to mid-summer
- Slender creeping red fescues are most active in early summer through to autumn
- Contains both the top-rated Chewings (*Barlineus*) and slender creeping (*Viktorka*) cultivars for greens use (BSPB Turfgrass Seed 2018)

Cultivar	%	Mean Score	Rank	Shoot Density	Rank	Disease Resistance	Rank
<b>VIKTORKA</b> Slender creeping red fescue	25%	7.6	1	7.7	2	7.8	3
<b>BARCROWN</b> Slender creeping red fescue	25%	7.5	3	7.7	1	8.4	1
<b>BARLINEUS</b> Chewings fescue	25%	8.2	1	8.3	1	7.4	3
<b>BARGREEN II</b> Chewings fescue	25%	7.5	7	7.5	8	6.6	14

Scoring and ranking of FESCUE cultivars from Turfgrass Seed 2018 for golf greens use.



Discover our **FESCUE FACTSHEET** to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)



#### IN THE BAG

- 25% **VIKTORKA**  
Slender creeping red fescue
- 25% **BARCROWN**  
Slender creeping red fescue
- 25% **BARLINEUS**  
Chewings fescue
- 25% **BARGREEN II**  
Chewings fescue

#### HOW TO USE IT

- Sowing rate 25-35g per m<sup>2</sup>
- Oversowing rate 15-25g per m<sup>2</sup>
- Sowing depth 8-12mm
- Mowing height down to 4mm

#### INFO

- Pack size 20kg
- Yellow Jacket 15kg

#### AVAILABLE WITH

**YELLOW JACKET WATER MANAGER**  
powered by Aquatrols  
FIND OUT MORE ON PAGE 10



# FAIRWAY

## FAIRWAYS, TEES, ROUGHS

### IN THE BAG

- 35% **SERGEI**  
Strong creeping red fescue
- 30% **BARCROWN**  
Slender creeping red fescue
- 20% **HARDTOP**  
Hard fescue
- 15% **BARGREEN II**  
Chewings fescue

### HOW TO USE IT

Sowing rate	20-35g per m <sup>2</sup>
Oversowing rate	15-25g per m <sup>2</sup>
Sowing depth	8-12mm
Mowing height	down to 7mm

### INFO

Pack size	20kg
Yellow Jacket	15kg

Dedicated 100% fescue blend for fairways and other areas of the golf course. Features consistent and highly ranked cultivars.

- Contains four fine fescue species, delivering a premium mixture designed for overseeding, divoting and constructing free-draining turf areas on the golf course
- *Hardtop* hard fescue offers superior performance under stress of drought, heat, cold and low nutrition
- *Barcrown's* red thread tolerance (ranked #1 all red fescue cultivars) an important factor in fairways under low nutrition
- The red fescue cultivars are all consistent performers, and ranked highly in the BSPB Turfgrass Seed 2018

## AVAILABLE WITH



FIND OUT MORE ON PAGE 10

Discover our **FAIRWAY FACTSHEET** to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)

# SHORELINE

## COASTAL COURSES

### IN THE BAG

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

### HOW TO USE IT

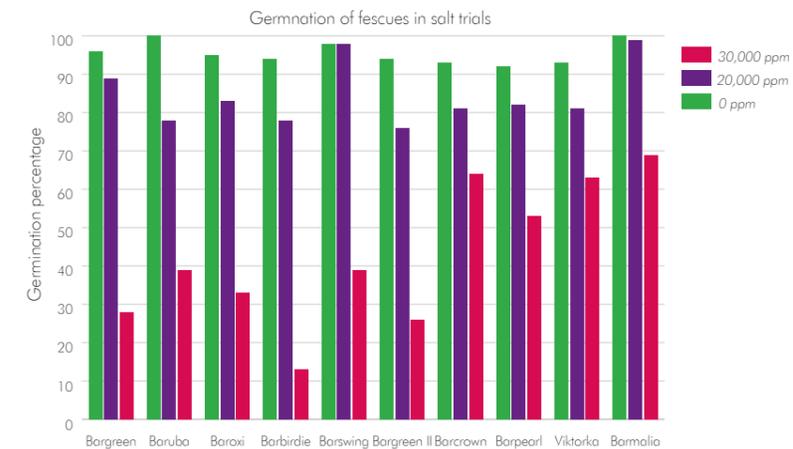
Sowing rate	35-45g per m <sup>2</sup>
Oversowing rate	20-30g per m <sup>2</sup>
Sowing depth	8-12mm
Mowing height	down to 4mm

### INFO

Pack size	20kg
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Dedicated links mixture designed for coastal areas, exposed to saline conditions. Designed for germination and survival in salt.

- Provides superior salt tolerance for fescue dominant turf on links and seaside golf courses exposed to salt spray and salt-laden winds
- Innovative blend of three slender creeping red fescues
- Slender creeping red fescue has superior salt tolerance with cultivars selected for this trait as a result of extensive lab trials
- Contains *Viktorka* - the #1 rated slender creeping red fescue



Laboratory test of germination of slender creeping red fescue and Chewings fescue.

Discover our **SHORELINE FACTSHEET** to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)

# YELLOW JACKET WATER MANAGER



## AREAS OF USE

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

## INFO

Pack size	15kg
Available with Products	FESCUE FAIRWAY

Game-changer for golf courses.

Available with FESCUE and FAIRWAY.

Yellow Jacket Water Manager is a game-changing seed enhancement product that improves germination and seedling survival in tough environments. The patented technology is the result of a research project by Barenbrug and Aquatrols and has been independently tested by the STRI.

Successfully trialled by four Open Championship venues in 2017. Craig Booth from Carnoustie Championship course, home to the Open Championship in 2018, says, "Barenbrug Yellow Jacket Water Manager has taken the sting out of overwatering landing areas on the fairways and par 3 tees. It is clear it does not require as much water for germination due to the coating, which seems to hold on to moisture and trigger a quicker germination".

### No water, no germination

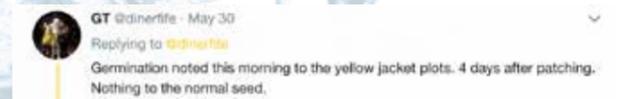
- Yellow Jacket Water Manager ensures precisely the right balance of moisture for both optimum germination and establishment
- Delivers improved germination and establishment in drier environments
- Ensures an optimum moisture balance during both the seed's germination and the plant's establishment, even under extreme conditions
- A 15kg bag equals 7.5kg seed and 7.5kg of coating
- Improves water management enabling higher survival rates of seeds and seedlings, which more than compensate for a reduction in seed number when identical seeding rates by weight are employed
- In other words, the same VOLUME of seed/product produces better results!



**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 seeding during its establishment.

**Phase 3:** The grass seedlings are less affected by abiotic stress, so more plants survive.



# ALL BENT

## GOLF GREENS BOWLING GREENS

100% browntop bentgrass mixture, delivering excellent year-round performance and superb summer and winter colour for greens.

- Provides excellent performance for species exchange and overseeding golf and bowling greens
- Charles is a new NZ-bred variety, named after Sir Bob Charles, the first left-handed golfer to win a major. Like Sir Bob, it breaks new ground, being ranked #1 by a clear half-point in Turfgrass Seed 2018 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, 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*)

Series G  
Greens, Close Mown Trials (Mown at 4-7mm)  
Table G1  
Bentgrasses (*Agrostis* spp.)

Cultivar	Shoot Density	Visual Merit	Mean	Firmness of Leaf	Resistance to Red Thread	Winter Greenness	Summer Greenness	UK Agent
<b>Browntop bent (<i>Agrostis capillaris</i>)</b>								
Charles	7.7	7.6	7.6	7.2	-	5.0	6.0	BAR
Arrowtown	7.0	7.2	7.1	6.8	6.1	4.7	6.0	DLF/UNS
Cleek (LA)	7.0	7.1	7.0	6.3	0.0	4.8	5.9	DLF/UNS
Manor	6.8	6.9	6.9	6.5	5.5	5.7	5.6	DLF/UNS
BarKing	6.4	7.0	6.7	6.5	5.8	7.2	5.9	BAR
AberRegal	6.5	6.8	6.7	6.4	6.4	7.1	6.6	G
Egmont	6.6	6.7	6.7	6.2	6.1	6.6	6.5	RT/TG
Henot	6.5	6.8	6.7	6.8	5.6	6.4	6.2	BAR
Sehon	6.5	6.8	6.6	6.7	5.1	5.5	5.1	LMG
Greenspeed	6.4	6.6	6.5	6.4	5.9	5.9	5.8	RT/TG
AberRoyal	6.4	6.6	6.5	6.4	5.9	6.9	6.5	G
Troy	6.4	6.5	6.4	6.1	6.4	5.9	6.5	FF
Jorvik	6.4	6.4	6.4	6.4	5.0	6.5	7.4	DLF
Arietta	5.9	6.2	6.0	7.0	5.1	6.1	5.5	LMG
Potana	5.5	5.9	5.7	5.0	6.3	6.6	6.2	DLF
<b>New Cultivars</b>								
Heritage	6.6	6.7	6.6	5.9	-	6.2	7.1	ICL
Europutt	5.4	5.5	5.4	5.2	-	6.0	9.9	DSV

Discover our **ALL BENT** FACTSHEET to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)

# CLASSIC 80:20

## GOLF GREENS BOWLING GREENS

Traditional 80:20 fescue:bentgrass mixture - the number one choice for golf green construction.

- Designed to deliver a consistent and balanced blend of these species when sowing out new fine-turf areas such as golf and bowling greens
- Contains both the top-rated Chewings (*Barlineus*) and slender creeping (*Viktorka*) cultivars for greens use (BSPB Turfgrass Seed 2018)
- Results of an extensive four-year trial assessed independently by STRI, highlighted the benefits of capillaris cultivar *BarKing* instead of other bentgrass species in the UK and Ireland

### IN THE BAG

- 20% **VIKTORKA**  
Slender creeping red fescue
- 20% **BARCROWN**  
Slender creeping red fescue
- 20% **BARLINEUS**  
Chewings fescue
- 20% **BARGREEN II**  
Chewings fescue
- 20% **BARKING**  
Browntop bent

### HOW TO USE IT

- Sowing rate 20-30g per m<sup>2</sup>
- Oversowing rate 15-25g per m<sup>2</sup>
- Sowing depth Rootzone contact
- Mowing height down to 4mm

### INFO

- Pack size 20kg



Discover our **FACTSHEET** and **GOLF GREENS TRIALS** to find out more about this mixture and the trials.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)

### IN THE BAG

- 50% **BARKING**  
Browntop bent
- 30% **HERIOT**  
Browntop bent
- 20% **CHARLES**  
Browntop bent

### HOW TO USE IT

- Oversowing rate 4-6g per m<sup>2</sup>
- Sowing rate 8-10g per m<sup>2</sup>
- Sowing depth Rootzone contact
- Mowing height down to 3mm

### INFO

- Pack size 10kg, 20kg

# PLATINUM FINE TURF

## GOLF GREENS, TEES, FAIRWAYS BOWLING GREENS

30% perennial ryegrass: 70% fescue premium mixture for fine turf under moderate wear.

- Designed for the construction or overseeding of fine turf with moderate wear pressure
- *Barolympic* is ranked #1 with a score of 8.6 in Table G4 of BSPB Turfgrass Seed 2018, the highest mean score in the entire publication, and more than a full point clear of its nearest rival in G4!
- Both red fescue cultivars are consistent performers for greens use, with *Barcrown* ranked #3 (Table G3) and *Bargreen II* #7 (Table G2)
- *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

### IN THE BAG

- 40% **BARCROWN**  
Slender creeping red fescue
- 30% **BARGREEN II**  
Chewings fescue
- 30% **BAROLYMPIC**  
Perennial ryegrass

### HOW TO USE IT

Sowing rate	25-35g per m <sup>2</sup>
Oversowing rate	15-25g per m <sup>2</sup>
Sowing depth	8-12mm
Mowing height	down to 5mm

### INFO

Pack size 20kg

Cultivar	Mean Score
<b>Barolympic</b>	7.94
<b>Monroe</b>	7.40
<b>Clementine</b>	7.37
<b>Barsignum</b>	7.25
<b>Dickens 1</b>	7.06
<b>Chardin</b>	6.96
<b>Bargold</b>	6.94
<b>Cyrena</b>	6.80

Average mean score of tables L1 (lawn), S1 (sport) and G4 (greens) cultivars from Turfgrass Seed 2018 for golf greens use.

Discover our **PLATINUM FINE TURF** FACTSHEET to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)

# MEDAL

## TEES, FAIRWAYS GOLF & BOWLING GREENS,

Hard-wearing golf course mixture  
60% perennial ryegrass: 40% fescue.

- Designed for the construction or overseeding of medium-fine and fine turf with high wear pressure
- The main components of the mixture are the ryegrasses; *Barolympic* and *Barsignum*, which deliver excellent wear tolerance and recovery
- *Barolympic* is a good all-rounder for all areas of ryegrass usage. As an average of tables G4 (green) L1 (lawn) and S1 (sport), it is ranked #1 of all available cultivars
- *Barsignum* is an outstanding ryegrass in its own right, ranked #4 in Tables L1, G4 and as an average of all ryegrass tables in BSPB Turfgrass Seed 2018. It is ranked #1 for Visual Merit and Slow Regrowth in Table L1.
- *Barpearl* is a consistent performer, with scores above 7 for both lawn and green use in BSPB Turfgrass Seed 2018. It is ranked #2 for Red thread tolerance

### IN THE BAG

- 40% **BARPEARL**  
Slender creeping red fescue
- 30% **BAROLYMPIC**  
Perennial ryegrass
- 30% **BARSIGNUM**  
Perennial ryegrass

### HOW TO USE IT

Sowing rate	25-35g per m <sup>2</sup>
Oversowing rate	15-25g per m <sup>2</sup>
Sowing depth	8-12mm
Mowing height	down to 5mm

### INFO

Pack size 20kg

Cultivar	Mean Score
<b>Barolympic</b>	7.94
<b>Monroe</b>	7.40
<b>Clementine</b>	7.37
<b>Barsignum</b>	7.25
<b>Dickens 1</b>	7.06
<b>Chardin</b>	6.96
<b>Bargold</b>	6.94
<b>Cyrena</b>	6.80

Average mean score of tables L1 (lawn), S1 (sport) and G4 (greens) cultivars from Turfgrass Seed 2018 for golf greens use.

Discover our **MEDAL** FACTSHEET to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)

# ULTRAFINE

## GREENS, SURROUNDS, WALK-OFFS

### IN THE BAG

- 65% **BAROLYMPIC**  
Perennial ryegrass
- 35% **EVENTUS**  
Perennial ryegrass

### HOW TO USE IT

Sowing rate	25-50g per m <sup>2</sup>
Oversowing rate	20-30g per m <sup>2</sup>
Sowing depth	10-15mm
Mowing height	down to 5mm

### INFO

Pack size 20kg

Cultivar	Mean Score
<b>Barolympic</b>	7.94
<b>Monroe</b>	7.40
<b>Clementine</b>	7.37
<b>Barsignum</b>	7.25
<b>Dickens 1</b>	7.06
<b>Chardin</b>	6.96
<b>Bargold</b>	6.94
<b>Cyrena</b>	6.80

Average mean score of tables L1 (lawn), S1 (sport) and G4 (greens) cultivars from Turfgrass Seed 2018 for golf greens use.

Ultrafine perennial ryegrass blend for unrivalled tolerance of close mowing and wear.

- Features *Barolympic* - the highest mean score in BSPB Turfgrass Seed 2018. Barenbrug-bred, UK grown, outstanding performance.

- *Barolympic* is the stand-out ryegrass cultivar for summer sports use. It is ranked #1 with a score of 8.6 in Table G4, 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 a new cultivar to the Barenbrug Sport range, with some very desirable traits. It is ranked #2 and #3 for fineness of leaf in Tables S1 and L1, respectively, and shows very fast recovery and growth rates (ranked #1 in the top 30, Table L1) for a summer sports ryegrass. This enables quick germination, establishment and mid-season repair in areas of high traffic

Series G  
Greens, Close Mown Trials (Mown at 4-7mm)  
Table G4  
Perennial ryegrass (*Lolium perenne*)

Cultivar	Shoot Density	Visual Merit	Mean	Fineness of Leaf	Resistance to Heat Threat	Winter Greenness	Summer Greenness	UK Agent
Barolympic	8.5	8.7	8.6	8.2	6.9	4.0	4.1	BAR
Clementine	7.6	7.5	7.6	6.7	6.3	5.8	5.7	DLF/JNS/TG
Cabrio	7.3	7.5	7.4	6.2	4.9	5.5	6.1	G/SMFR
Barsignum	7.2	7.1	7.1	7.0	6.4	6.1	7.1	BAR
Monroe	6.7	7.1	6.9	7.0	6.2	6.5	6.8	DLF/JNS
Dickens 1	6.8	7.0	6.9	6.4	6.3	5.6	5.2	DLF/JNS
Bargold	6.7	6.9	6.8	7.1	5.8	6.5	6.1	BAR
Cyrena	6.4	6.5	6.4	5.5	7.3	5.5	5.4	LMG
Gianna (LA)	6.3	6.3	6.3	5.8	6.4	5.4	6.1	RT/TG
Escapade	6.5	6.1	6.3	6.6	6.6	6.5	6.6	G/SMFR
Antonella	6.2	6.1	6.1	6.3	6.4	6.1	7.1	RT/TG
Poseidon	6.1	6.0	6.1	5.5	4.9	5.5	5.5	
Chardin	6.0	6.0	6.0	6.3	5.1	4.4	4.4	
Greenway	5.6	5.8	5.7	5.9	4.8	6.0	6.0	
Dylan	5.3	5.4	5.4	5.5	5.9	6.0	6.0	
Columbine	5.3	5.2	5.2	5.4	3.2	7.0	7.0	
Venice	5.1	5.0	5.1	5.3	5.9	4.4	4.4	
Mercitwo	5.0	4.9	5.0	5.2	6.8	5.5	5.5	
<b>New Cultivars</b>								
Estelle (LA)	7.0	7.1	7.0	6.8	-	-	-	
Chloe	6.7	6.6	6.7	6.8	-	-	-	
Montacilla (LA)	6.8	6.5	6.6	7.1	-	-	-	

Discover our **ULTRAFINE FACTSHEET** to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)



# EXTREME

## TEES, FAIRWAYS

Hard-wearing 100% perennial ryegrass for extreme wear and aesthetic value.

- Balanced blend of three outstanding ryegrasses offering performance characteristics applicable to summer sports turf

- *Eventus* is ranked #2 and #3 for fineness of leaf in BSPB Turfgrass Seed 2018 Tables S1 and L1, respectively, and shows very fast recovery and growth rates (ranked #1 in the top 30, 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 #4 in Tables L1, G4 and as an average of all the ryegrass tables. It is ranked #1 for Visual Merit and Slow Regrowth in Table L1
- *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

### IN THE BAG

- 40% **BARCRISTALLA**  
Perennial ryegrass
- 35% **BARSIGNUM**  
Perennial ryegrass
- 25% **EVENTUS**  
Perennial ryegrass

### HOW TO USE IT

Sowing rate	25-35g per m <sup>2</sup>
Oversowing rate	20-30g per m <sup>2</sup>
Sowing depth	10-15mm
Mowing height	down to 5mm

### INFO

Pack size 20kg

Discover our **EXTREME FACTSHEET** to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)



# RPR GOLF

## TEES, FAIRWAYS, WALKWAYS

### IN THE BAG

- 35% **BARLIBRO**  
RPR perennial ryegrass
- 35% **EUROCORDUS**  
Perennial ryegrass
- 30% **BARSIGNUM**  
Perennial ryegrass

### HOW TO USE IT

Sowing rate	25-50g per m <sup>2</sup>
Oversowing rate	20-30g per m <sup>2</sup>
Sowing depth	10-15mm
Mowing height	down to 10mm

### INFO

Pack size	20kg
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Perennial ryegrass with Barenbrug-bred RPR technology for faster recovery after intensive golf wear.

- RPR stands for Regenerating Perennial Ryegrass. It is unique Barenbrug-bred technology that delivers a turf with exceptional wear tolerance, fast recovery and good aesthetics
- Determinate stolons enable the RPR plants to spread into the surrounding area, for instance to repair gaps in the sward caused by wear damage. RPR will also help accelerate divot recovery and fill in gaps between overseeding lines
- *Barlibro* RPR delivers fast establishment and unparalleled capacity for recovery from wear due to stoloniferous growth habit.
- *Eurocordus* #4 for L1 and S1 combined; all-rounder with exceptional wear tolerance, recovery and fast growth.
- *Barsignum* #4 mean in L1; #1 for visual merit and very fine-leaved



Discover our **RPR GOLF** FACTSHEET to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)

# FAIRWAY RYE

## FAIRWAYS, TEES, SEMI-ROUGHS

Balanced mix of species for medium-fine turf across a range of soil types.

- Designed for overseeding, divoting and construction, this balanced blend of medium-fine turf performs across a range of soil types
- Perennial ryegrass component gives wear tolerance and performance in heavier soils
- Fescue and bent provide shoot density and disease tolerance in lighter soils
- The red fescue cultivars in the mix are all consistent performers, and are all ranked highly in the BSPB Turfgrass Seed 2018
- *Barpearl* and *Barswing*, deliver outstanding red thread tolerance (both ranked #2 in their respective tables), an important factor in fairways under low nutrition

### IN THE BAG

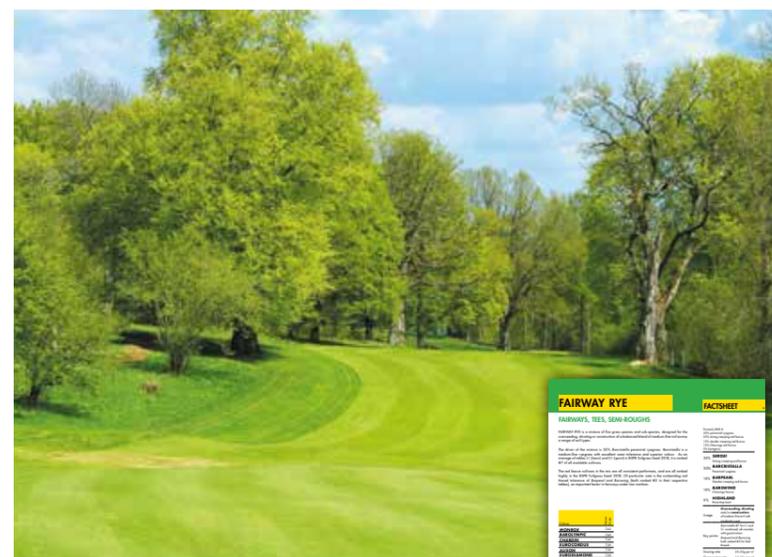
- 35% **SERGEI**  
Strong creeping red fescue
- 30% **BARCRISTALLA**  
Perennial ryegrass
- 15% **BARPEARL**  
Slender creeping red fescue
- 15% **BARSWING**  
Chewings fescue
- 5% **HIGHLAND**  
Browntop bent

### HOW TO USE IT

Sowing rate	25-35g per m <sup>2</sup>
Oversowing rate	10-25g per m <sup>2</sup>
Sowing depth	5-10mm
Mowing height	down to 10mm

### INFO

Pack size	20kg
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Discover our **FAIRWAY RYE** FACTSHEET to find out more about how and why this mixture works so well.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)



# WILDFLOWER SEED ENSURES EASTBOURNE GOLF CLUB IS BLOSSOMING

## Willingdon Golf Club



Willingdon Golf Club course manager Luke Turner isn't just trying to create the perfect greens for members, he's also hoping to attract a much wilder set of visitors to the 18-hole course.

Set among the protected grassy downlands on the edge of the South Downs in Eastbourne, the 120-year-old course, recently listed as one of the top courses in Sussex, is a haven for birds and reptiles – and, more recently, wild flowers.

This year, as well as hand crafting bird boxes and reptile homes, Luke and his deputy James Wilkinson have turned an area of rough into a wildflower meadow that's attracting more than 25 species of butterfly.

"Greenkeepers and golf courses can sometimes be portrayed as environmentally unaware: that we are not concerned with the environment around us and ecology of our sites" says Luke, who has

been working as a greenkeeper at Willingdon for eight years. "But we definitely don't see it like that here."

### Wild at heart

When an elderly member of the golf club passed away last year, Luke and James were approached by the family to create a memorial for them. They hit upon the idea of a wildflower meadow.

"I'd used Barenbrug's Cornfield Annual wildflower mix at a previous course and it was very effective, with very reliable germination, so I knew this would perform well," says James, who joined Willingdon in February. "It's a very versatile mix and seems to cope well, wherever you use it."

After selecting a specific site on the course in early spring, James and Luke broadcast the seed thickly using sand as a carrier. They sowed seed in multiple directions to ensure good coverage and lightly raked it over. By mid-May there was complete coverage with an inch of lush green growth, and at the beginning of July the first flowers began to emerge.

As a 100% annual mixture, with five of the most popular native flowers included: cornflower, poppy, corn marigold, corn chamomile and corncockle, Barenbrug's mix is designed to give a big hit of colour. And that's just what it did.

"Over one weekend the whole area had transformed into a stunning carpet of colour," says Luke. "It was alive with butterflies and bees and it could be seen from two or three of our tees so it had a stunning

visual impact for members. The end results were like something out of a brochure."

### Rare gem

Thanks in part to the mix's endurance – it stayed colourful throughout July, August and into September – the new wildflower patch attracted a record number of bees and butterflies at the course, including rare species such as Adonis Blue and Dingy Skipper.

It's something that might have made Willingdon course designer Dr Alister MacKenzie proud. In 1925, he redesigned the course to make more of its natural features and had a strong conviction that golf was good for health.

"We are trying to take the course back to its downland grassy routes, and make the site more ecologically varied," says Luke. "The golfing and greenkeeping industry has changed massively in the last 4-5 years and an increasing number of golf clubs are now pushing their commitment to ecology and making course management more sustainable. We actively promote and encourage that approach here."

# WILDFLOWERS

## GOLF COURSES

A portfolio of wildflower seed mixtures that are specifically suited to particular growing environments and soil types.

### Don't forget grass choice

One of the main problems encountered with wildflower areas is grass dominance. Strong grass growth can easily smother out slower growing wildflower species. To help minimise this, all of our mixtures contain yellow rattle – a semi parasitic plant, which limits levels of grass growth, allowing more room for other species to establish. Yellow rattle is one of the key species found in many wild meadows throughout the country.

Being the grass experts, we know that the grass blend used in 80:20 mixtures contains grasses that are slower growing in order to minimise the risk of wildflowers being smothered out. Some of the grass species in the mixtures are quite rare and very attractive in their own right.

### Your wildflower partner

We offer a wide variety of mixtures in both 100% wildflower and 80:20 grass:wildflower blends. These are available in a wide range of weights. Our team can also help you choose the correct species for your scheme or project.

### RANGE OPTIONS

- 80% : 20%**  
Grass : Wildflowers
- 100%**  
Wildflowers

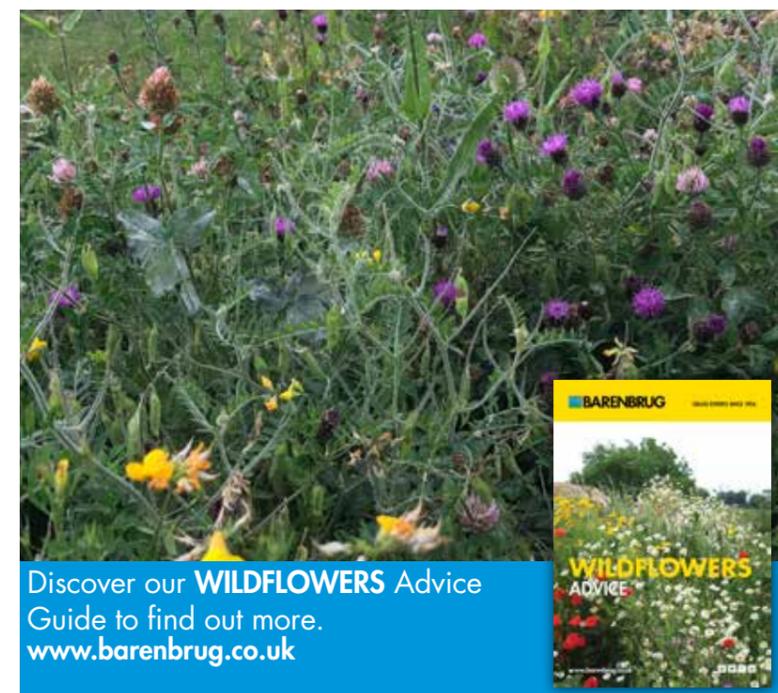
### HOW TO USE IT

Sowing rates:	
100% wildflowers	2g per m <sup>2</sup>
80:20 (Grass: Wildflowers)	5g per m <sup>2</sup>

	<b>Spring</b> March to May
	<b>Summer</b> June to July (avoiding excessively hot and dry conditions)
Optimum Sowing times	<b>Late summer/autumn</b> August to October

### INFO

Pack sizes	0.25kg (100%), 0.5kg, 1kg.
	Larger volumes also available.



Discover our **WILDFLOWERS** Advice Guide to find out more.  
[www.barenbrug.co.uk](http://www.barenbrug.co.uk)



## ANNUAL

native and non-native annual wildflowers

### UNIVERSAL (ANNUAL & PERENNIAL)

A reliable mixture which will perform in almost any situation. Comprises a blend of reliable perennial and annual species which give instant colour by flowering in the first year.

- Contains 20 wildflower species
- Feature species: Cornflower, Poppy, Oxeye Daisy, Meadow Buttercup

### CORNFIELD ANNUAL

A 100% annual mixture designed to give a big hit of colour. Includes the five most popular UK native annual wildflower species. Can be added to other mixtures to provide impact in the first year.

- Contains 5 wildflower species.
- Feature species: Cornflower, Poppy, Corn Marigold, Corn Chamomile, Corncockle

### RED, WHITE & BLUE (NON-NATIVE)

Contains 26 species including Cornflower, Cosmos, Poppy, Delphinium and Californian Poppy.

### CLASSIC ANNUALS (NON-NATIVE)

Contains 18 species including Corncockle, Chrysanthemum, Nigella, Cornflower, Coreopsis and Poppy.

### PASTEL SHADES (NON-NATIVE)

Contains 8 species including Iberis, Candytuft, Nigella, Cosmos and Poppy.

### GROUNDCOVER - LOW GROWING (NON-NATIVE)

Contains 8 species including Mignonette, Alyssum, Candytuft, Marigold and Cornflower.

## PERENNIAL

native and non-native perennial wildflowers

### CLAY, HEAVY SOILS

Designed to be used on soils which are clay based, prone to waterlogging during the winter and sometimes drying out during the summer months.

- Contains 20 wildflower species
- Feature species: Meadow Cranesbill, Betony, Meadowsweet, Meadow Vetchling

### ACIDIC SOILS

A blend of wildflower species which are frequently found growing on soils with a low pH, such as heathland.

- Contains 18 wildflower species.
- Feature species: Devil's Bit Scabious, St John's Wort, Common Catsear, Autumn Hawkbit

### GENERAL PURPOSE, CLASSIC HAY MEADOW

A mixture of some of the most commonly found wildflower species in the UK. Can be used on a broad range of soil types.

- Contains 13 wildflower species
- Feature species: Yellow Rattle, Oxeye Daisy, Meadow Buttercup, Common Knapweed

### WETLAND AND WATER EDGE

Suitable for sowing in areas bordering lakes, ponds and watercourses. Typically the soil in these areas will be moist year-round.

- Contains 24 wildflower species
- Feature species: Yellow Flag Iris, Purple Loosestrife, Greater Birdsfoot Trefoil, Gypsywort

### HEDGEROW AND WOODLAND EDGE

A mixture which features species that will tolerate a degree of shade and are typically found growing along hedgerows, on the edges of woodland and in woodland clearings.

- Contains 21 wildflower species
- Feature species: Foxglove, Tufted Vetch, Hedge Bedstraw, Wild Garlic.

### DRY, SANDY

Formulated to be used on soils which are sand-based, free-draining and very dry during the summer months.

- Contains 21 wildflower species
- Feature species: Lady's Bedstraw, Viper's Bugloss, Field Scabious, Toadflax

### COASTAL

Features species which are often found growing in a coastal environment. These species are typically quite hardy and tolerant of impoverished soils and a degree of salinity.

- Contains 18 wildflower species
- Feature species: Bladder Campion, Viper's Bugloss, Goatsbeard, Common Toadflax

### LOAM/VARIABLE SOILS

A mixture designed to be used on loam soils which are a mixture of soil types and tend to retain a degree of moisture. A reliable mixture that can be used on larger sites where the soil varies across the site.

- Contains 22 wildflower species
- Feature species: Tufted Vetch, Red Campion, Ragged Robin, Birdsfoot Trefoil

### CHALK, LIMESTONE, CALCAREOUS

Suitable for use on soils which are rich in chalk and limestone. These soils are characteristically quite thin, dry and low in nutrients.

- Contains 23 wildflower species.
- Feature species: Greater Knapweed, Wild Basil, Bladder Campion, Wild Marjoram

### SHORT FLOWERS

Ideal for smaller areas of such as along roadsides where restricted visibility may be an issue. The wildflower species used in this mixture will grow to approximately knee height.

- Contains 16 wildflower species
- Feature species: Rough Hawkbit, Forget-Me-Not, Bladder Campion, Betony

### TALL FLOWERS

Formulated using wildflowers which can grow to approximately thigh height. Can be sown alongside our 'Short Flowers' mixture to create a contrasting feature.

- Contains 18 wildflower species
- Feature species: Greater Knapweed, Field Scabious, Foxglove, Evening Primrose

### BEEES AND BUTTERFLIES

A broad and reliable mixture containing annuals, perennials and biennials. Each wildflower species contained in the mixture is featured on the Royal Horticultural Society 'Perfect for Pollinators' list.

- Contains 32 wildflower species
- Feature species: Cornflower, Foxglove, Field Scabious, Kidney Vetch

# OUR PARTNERS APPROVED DISTRIBUTORS



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# CONDITIONS OF SALE

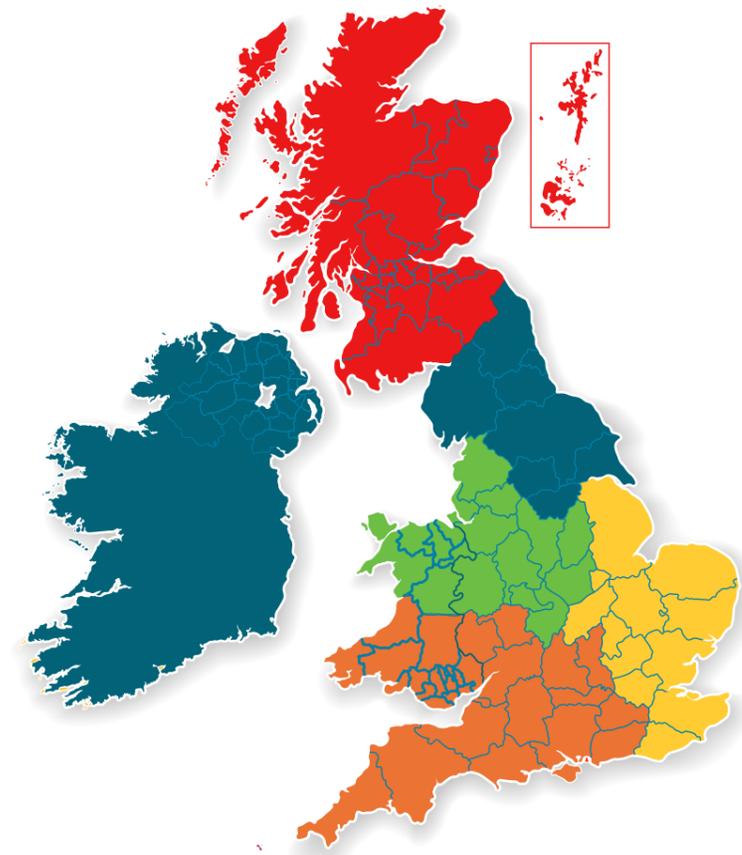
In case of unavailability Barenbrug UK Limited reserves the right to substitute any variety in any mixture with one of similar merit.

Any change will be detailed on the bag.

The placing of an order constitutes an acceptance of our terms and conditions of sale by the buyer.

Full terms and conditions can be found at [www.barenbrug.co.uk](http://www.barenbrug.co.uk)

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Grass experts since 1904

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