

ProSelect[®]

AICL

**Professional Turf
Grass Seeds**

2021

ProSelect turfgrass seed blends have been specifically created to produce the highest quality turf.

Each blend enables turf managers to optimise their courses and grounds, saving time and lowering costs to ensure playing surfaces offer the best experience for users.

Each variety has been developed through extensive breeding by ICL and its international partners to bring the most advanced, up-to-date material to the market. This synergy helps guide the continuous development and improvement of our blends.

ProSelect products are formulated with the best varieties available in our extensive portfolio and are independently tested to ensure outstanding levels of quality and germination. Country-specific blends are available to ensure the best results even through regional variation, and all blends are backed by local technical support teams, making them a dependable choice for professionals.





Key

✓ Suitable for purpose

✗ Not suitable for purpose

	Page	Stadia pitches and sports grounds	Golf greens	Golf tees, fairways and rough	Equestrian	Cricket	Lawns and landscape	Lawn tennis
ProSelect 1 Premium Pitch	6	✓	✗	✓	✓	✗	✗	✗
ProSelect Tees/Fairways	7	✗	✗	✓	✗	✗	✓	✗
ProSelect Fescue Fairways	8	✗	✗	✓	✗	✗	✓	✗
ProSelect 80/20 Greens	9	✗	✓	✗	✗	✗	✗	✗
ProSelect Fescue Greens	10	✗	✓	✗	✗	✗	✗	✗
ProSelect Classic	11	✗	✗	✓	✓	✗	✓	✗
ProSelect Sport TRT	12	✓	✗	✓	✓	✗	✗	✗
ProSelect All Bent	13	✗	✓	✗	✗	✗	✗	✗
ProSelect Riptide	14	✗	✓	✗	✗	✗	✗	✗
ProSelect Piranha	15	✗	✓	✗	✗	✗	✗	✗
ProSelect Cricket	16	✗	✗	✗	✗	✓	✗	✓
ProSelect Speed Germ	17	✓	✗	✗	✗	✗	✗	✗
ProSelect Heritage	18	✗	✓	✗	✗	✗	✗	✓
ProSelect Landscape	19	✗	✗	✗	✗	✗	✓	✗

ProSelect, part of Turf Rewards

Turf REWARDS

Use the best technologies on your turf
and get the best rewards for your club.

It's simple, it's rewarding,
and it's all at no extra cost.

Benefit from better turf.
turfrewards.com

"Turf Rewards has allowed us to get the tools
needed to begin running trials on our site.
This has been critical to our decision making
for future programmes to continue to raise
standards across our pitches."

Tony Sinclair,
Grounds Manager,
Manchester United F.C.

5
POINTS



ZipSeed

Give your seeds a healthy start with ZipSeed technology

ZipSeed seed coating treatment ensures all plants grown from seed benefit from a vigorous start, benefiting from rapid root development to ensure survival against stresses including pests, disease, extreme weather and climate. Sports grass seed mixtures treated with ZipSeed establish far more effectively, without compromising seed numbers.

The seed coating treatment enhances seeding establishment by combining elements such as zinc and magnesium with humic and amino acids. These assist with the development of an extensive fibrous rooting system which enables seedlings

to maximise water and nutrient uptake. With a healthy start, plants develop robustly, requiring less management in the future.

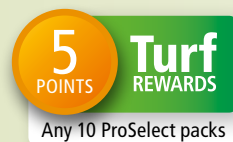
- › Converts more seeds into mature, performing turfgrass
- › Seeds germinate quicker, creating denser tillering – even in stressed conditions
- › Increases root hair production, improving nutrient uptake for a denser sward and fewer weeds
- › Produces stronger seedlings able to resist pests and diseases

The advantages of ZipSeed

- ✓ Improve germination speed by up to 30%
- ✓ Enhances rooting
- ✓ Increases grass cover by up to 20%



ProSelect® 1 Premium Pitch



Outstanding sports stadia performance

ProSelect 1 Premium Pitch offers outstanding turfgrass performance for surfaces used at the highest sporting level.

Combining four top-ranked perennial ryegrasses, it provides a fast-recovering, dense, hard-wearing surface.

With rapid establishment, it's well-suited to any high-calibre renovation programme.

Benefits

- Top-ranked STRI varieties
- Rapid renovation
- Quick recovery from wear
- ZipSeed treated to help optimise germination and establishment rates

Areas of use

Stadia Pitches
Sportsfields
Tees/Surrounds
Racecourses



Application information

Average sowing rate: **42.5g/m²**
Mowing height: **10-35mm**

Characteristics

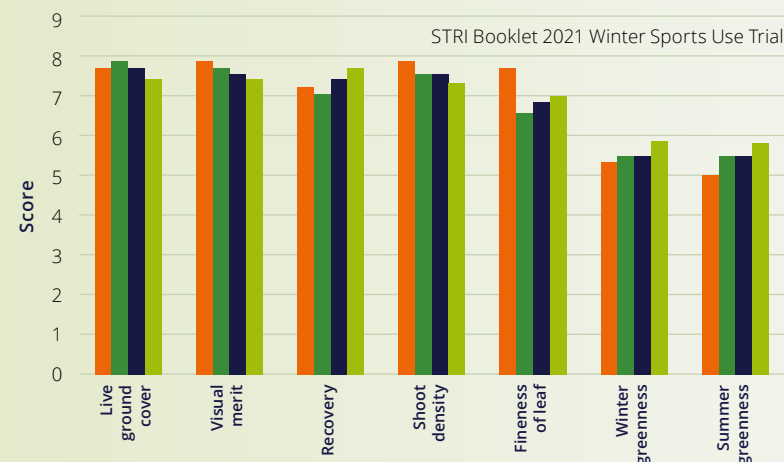
Pack size: **20kg**



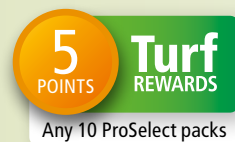
Cultivars and performance

Europitch Perennial ryegrass	33.5%
Eurodiamond Perennial ryegrass	25%
EuroCordus Perennial ryegrass	25%
Eurosport Perennial ryegrass	16.5%

Mixture score



ProSelect® Tees/Fairways



Strong divot recovery

ProSelect Tees/Fairways is a blend of fine fescues and perennial ryegrass creating a turf surface that can recover strongly from divoting.

The blend contains Traction smooth-stalked meadow grass and Torsion TRT perennial ryegrass to provide rhizomatous and Turf Repairing Tiller (TRT) growth for extra durability and recovery from divots.

Benefits

- Turf repair tillering
- Provides great colour
- All-round disease tolerance
- Close mowing tolerance

Areas of use

Tees/Surrounds ✓
Fairways ✓
Rough ✓
Hard-wearing Lawns ✓

Application information

Average sowing rate: **30g/m²**
 Mowing height: **10-25mm**

Characteristics

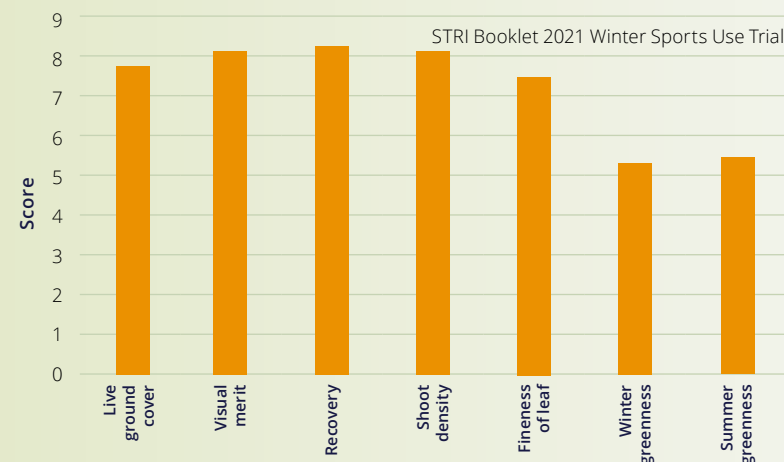
Pack size: **20kg**



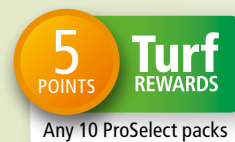
Cultivars and performance

SeaMist Slender creeping red fescue	20%
Eurocrown Chewings fescue	20%
Groundforce Perennial ryegrass	25%
Torsion Perennial ryegrass	25%
Traction Smooth stalked meadow grass	10%

Cultivar score (Traction)



ProSelect® Fescue Fairways



Low input and great in the shade

ProSelect Fescue Fairways is our premium fairway blend, ideal for new and existing fairway seeding.

With natural tolerance to salinity, the blend is ideal for links environments and courses looking for shade and drought tolerance.

The use of highly ranked varieties ensures it performs well in UK conditions.



Cultivars and performance

SeaMist Slender creeping red fescue	30%
Eurocrown Chewings fescue	30%
Mellori Strong creeping red fescue	40%

Benefits

- 100% fine fescue blend
- Premium varieties
- Strong recovery from divoting
- Shade and salt tolerant

Application information

Average sowing rate:	30g/m²
Mowing height:	10-25mm

Areas of use

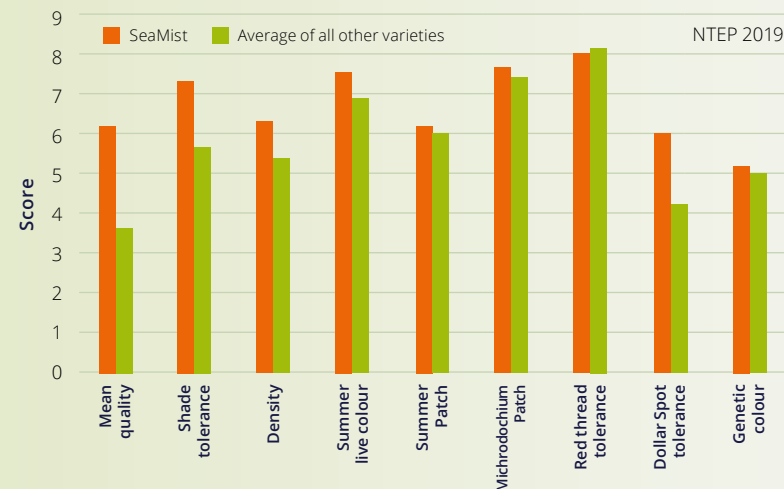
Tees
Fairways
Outfields
Fine Lawns
Landscaping



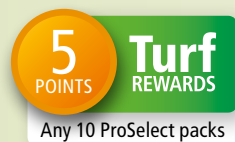
Characteristics

Pack size: **20kg**

Cultivar score (SeaMist)



ProSelect® 80/20 Greens



A traditional fescue and bent grass blend

ProSelect 80/20 is a traditional fescue/bent grass blend.

Heritage browntop bent is a newly listed *Agrostis* which maintains excellent winter and summer colour.

The blend is further improved through the incorporation of high-performing fine fescues.

Benefits

- Dense growth habit
- Great colour
- All-round disease tolerance
- Close mowing tolerance

Areas of use

Golf Greens ✓
Bowling Greens ✓
Fine Lawns ✓
Croquet Lawns ✓

Application information

Average sowing rate: **30g/m²**
 Mowing height: **3-7mm**

Characteristics

Pack size: **20kg**

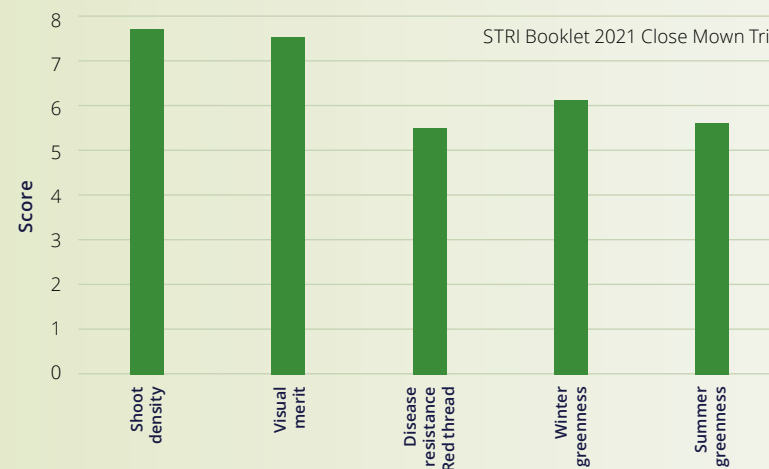


Cultivars and performance

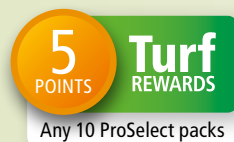
SeaMist Slender creeping red fescue	40%
Filius Chewings fescue	40%
Heritage Browntop bent	20%

Cultivar score (Filius)

STRI Booklet 2021 Close Mown Trial



ProSelect® Fescue Greens



Low input greens blend

ProSelect Fescue Greens is a combination of Slender and Chewings fescue selected for their high shoot density, tolerance to close mowing and excellent disease tolerance.

For courses with a lower input system of minimum sustainable nutritional levels and little or no fungicide, this seed blend is an excellent choice. Using only highly ranked STRI-listed varieties, this blend is ideal for those wishing to produce turf sustainably.

Benefits

- 100% fine fescue
- Low nutrient input
- All-round disease tolerance
- Close mowing tolerance

Areas of use

Golf Greens ✓
Bowling Greens ✓
Fine Lawns ✓
Croquet Lawns ✓

Application information

Average sowing rate: **30g/m²**
 Mowing height: **3-7mm**

Characteristics

Pack size: **20kg**



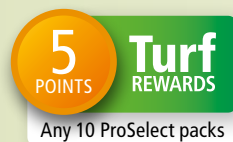
Cultivars and performance

SeaMist Slender creeping red fescue **50%**

Filius Chewings fescue **50%**



ProSelect® Classic



A multi-purpose seed blend

ProSelect Classic is an all-purpose seed blend that can be used for a variety of turfgrass applications.

The blend contains Torsion TRT perennial ryegrass, offering the unique Turf Repairing Tiller growth habit.

Its highly dense fine leaf texture suppresses weed invasion and compliments the fine fescue elements of the blend.

Benefits

- › Multiple application
- › Visually attractive
- › Turf Repairing Tillers
- › Tolerates varied management

Application information

Average sowing rate: **42.5g/m²**
Mowing height: **10–25mm**

Areas of use

All-purpose
Tees
Fairways
Outfields
Lawns
Landscaping



Characteristics

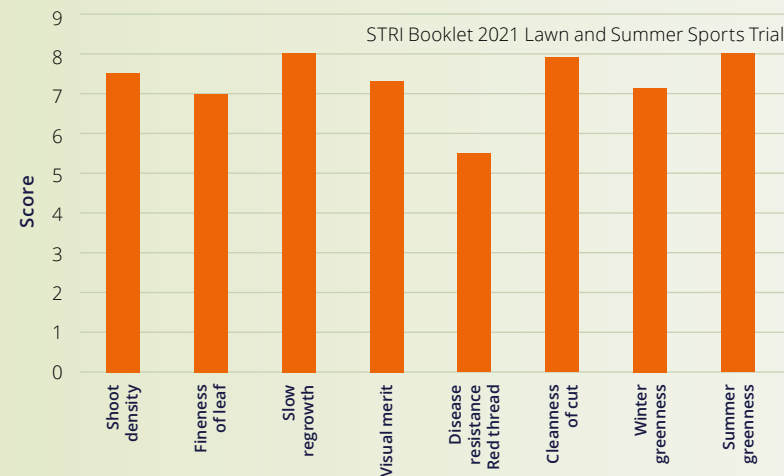
Pack size: **20kg**



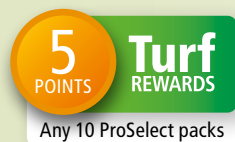
Cultivars and performance

Torsion Perennial ryegrass	25%
Groundforce Perennial ryegrass	25%
SeaMist Slender creeping red fescue	15%
Eurocrown Chewings fescue	15%
Ryder Creeping red fescue	20%

Cultivar score (Torsion)



ProSelect®
Sport TRT



Unique Turf Repairing Tillers

ProSelect Sport TRT is designed as a sports renovation blend that offers the surface characteristics of ProSelect 1 Premium Pitch and the unique hardness of Torsion TRT spreading ryegrass.

Torsion is classed as a small-seeded variety, therefore there are up to 15% more seeds when compared with many other varieties.

This blend provides a 100% perennial ryegrass blend for multi-use and adaptable management.

Benefits

- Turf Repairing Tillers
- High density cover
- Quick recovery from wear
- High seed numbers

Areas of use

Sports Pitches ✓
Lawns ✓
Landscaping ✓
Equestrian ✓

Application information

Average sowing rate: **37.5g/m²**
Mowing height: **10–35mm**

Characteristics

Pack size: **20kg**

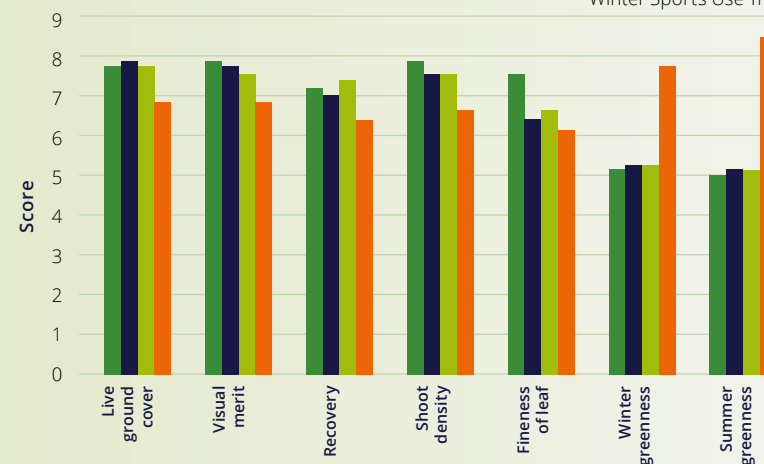


Cultivars and performance

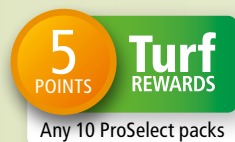
Torsion Perennial ryegrass	50%
Europitch Perennial ryegrass	20%
Eurodiamond Perennial ryegrass	15%
EuroCordus Perennial ryegrass	15%

Mixture score

STRI Booklet 2021
Winter Sports Use Trial



ProSelect® All Bent



Dual variety greens blend

ProSelect All Bent is a blend of *Agrostis capillaris* designed for golf and bowling green renovation as well as the establishment of newly constructed greens.

The blend forms a highly competitive surface for out-competing *Poa annua*.

Deep rooting, vibrant summer and winter colour further enhances this blend's appeal.

Benefits

- Excellent Microdochium Patch tolerance
- Reduced nutritional inputs
- Great summer & winter colour
- STRI-listed varieties

Areas of use

Golf Greens



Bowling Greens



Characteristics

Pack size:

10kg

Application information

Average sowing rate: **6.5g/m²**

Mowing height: **3–5mm**



Cultivars and performance

Heritage Browntop bent

50%

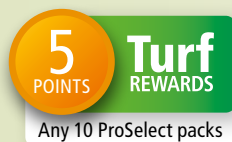
Egmont Browntop bent

50%

Mixture score



ProSelect®
Riptide



The No.1 ranked UK Creeping Bent

Riptide has now earned No.1 ranking on the STRI list as well as throughout the Nordics.

Riptide exhibits great summer and winter performance with exceptional drought and cold tolerance. It has a high resistance to the major turf diseases, in particular Microdochium Patch.

Benefits

- No.1 STRI ranked
- Adaptable to UK conditions
- Upright growth habit
- Lighter colour integrates well into greens

Areas of use

Golf Greens



Characteristics

Pack size:

11.35kg

Application information

Average sowing rate:

5g/m²

Mowing height:

2-7mm

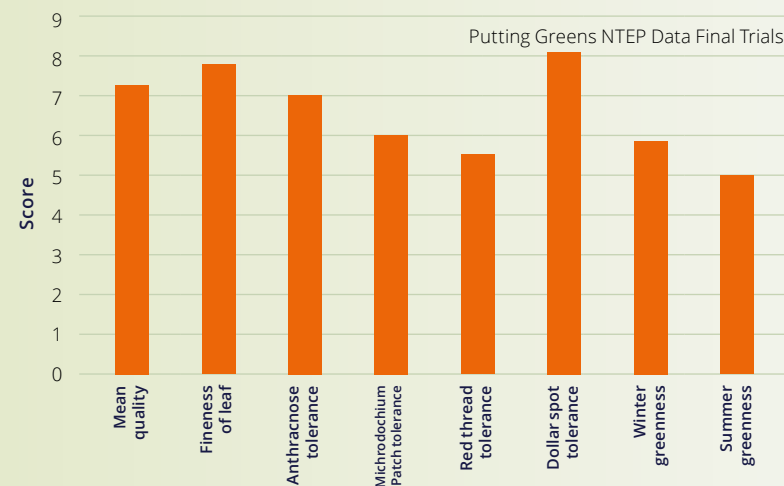


Cultivars and performance

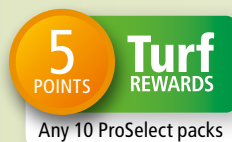
Riptide Creeping bent

100%

Cultivar score (Riptide)



ProSelect® Piranha



A brand-new creeping bent grass

Piranha is a brand-new creeping bent grass, from the same stable as Riptide. Piranha offers early spring green up, producing a dark green colour as well as excellent Anthracnose, Dollar spot and Brown patch disease tolerance.

Benefits

- › High tolerance to turf stresses
- › Keeps good colour all year round
- › Early spring green-up
- › Deep rooting

Areas of use

Golf Greens ✓

Characteristics

Pack size:

11.35kg

Application information

Average sowing rate:

5g/m²

Mowing height:

2-5mm



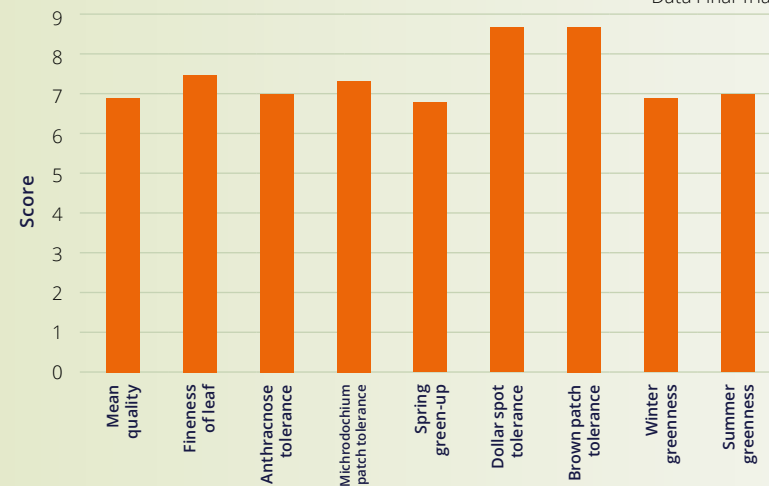
Cultivars and performance

Piranha Creeping bent

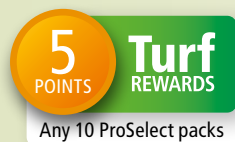
100%

Cultivar score (Piranha)

Putting Greens NTEP
Data Final Trials



ProSelect[®] Cricket



For dense, deep rooting

There are many factors determining the playability of a cricket square. Turfgrass choice is just one of them but forms an integral part of providing stability to the wicket construction.

ProSelect Cricket combines the best characteristics of three perennial ryegrasses to create a rapidly establishing blend that offers dense cover and deep rooting capabilities. The inclusion of Torsion TRT adds a unique ingredient for improved recovery and visual appeal.

Benefits

- › Strong deep rooting
- › Quick germination
- › Close mowing tolerance
- › Great recovery

Areas of use

Cricket

Lawn Tennis



Characteristics

Pack size:

20kg

Application information

Average sowing rate:

35g/m²

Mowing height:

7-15mm



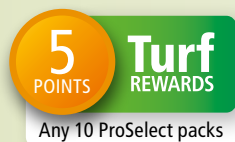
Cultivars and performance

Torsion Perennial ryegrass	40%
Groundforce Perennial ryegrass	30%
Greenplanet Perennial ryegrass	30%

Mixture score



ProSelect® Speed Germ



A 100% perennial ryegrass renovation blend

Designed for early and late season use when ground temperatures are lower than optimal.

ProSelect Speed Germ provides cold tolerance whilst delivering rapid establishment and excellent disease tolerance.

Speed Germ uses diploid perennial ryegrasses which consistently deliver superior turf quality characteristics compared with tetraploids and annual ryegrasses.

Benefits

- › Extended seasonal over-seeding
- › Lower temperature germination
- › Excellent disease resistance
- › Mid-green colour

Areas of use

Stadia Pitches



Characteristics

Pack size:

10kg

Application information

Average sowing rate:

35g/m²

Mowing height:

25-35mm

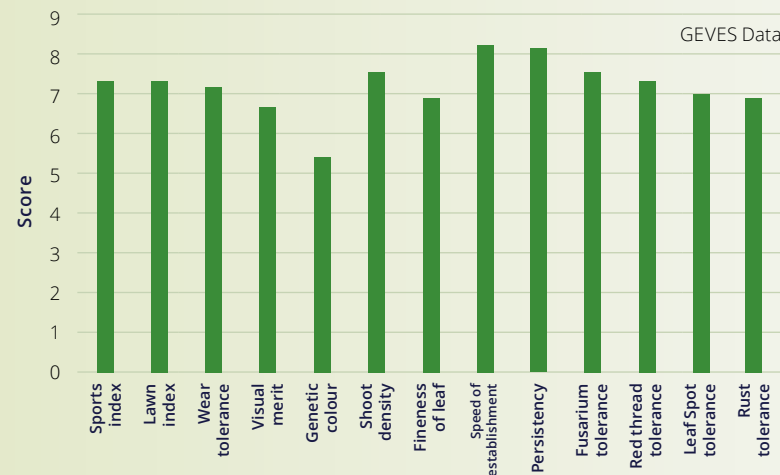


Cultivars and performance

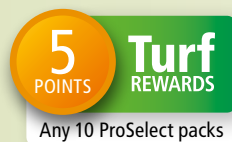
Agreement Perennial ryegrass **50%**

Vermillion Perennial ryegrass **50%**

Cultivar score (Vermillion)



ProSelect® Heritage



High performance at low input levels

Now nationally listed in the UK, Heritage Browntop bent is ideal for over-seeding golf and bowling greens. Heritage has an excellent shoot density and visual appearance aided by excellent tolerance to Microdochium Patch. Heritage also retains good winter colour and a vibrant green in summer.

Benefits

- Excellent Microdochium Patch tolerance
- Adaptable to UK & Nordic conditions
- Close mowing tolerance
- Retains great winter colour

Areas of use

Golf Greens



Characteristics

Pack size:

11.35kg

Application information

Average sowing rate:

5g/m²

Mowing height:

2-7mm



Cultivars and performance

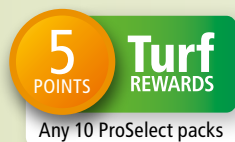
Heritage Browntop bent

100%

Mixture score



ProSelect® Landscape



Multi-purpose blend

ProSelect Landscape combines two new perennial ryegrasses from the ICL stable, Greenplanet and Groundforce with a strong creeping red fescue to form a multipurpose, turf seed blend for high quality lawns, landscaping and recreational area.

Exhibiting a rich green colour with excellent disease and drought tolerance, this mix is an ideal choice for any professional undertaking a landscaping project.

Benefits

- › Fast establishment
- › Aesthetically pleasing
- › Great ground cover and wear characteristic
- › All round lawn and landscaping applications

Areas of use

Lawns ✓
Open space landscaping ✓
Recreational areas ✓

Application information

Average sowing rate: **42.5g/m²**
Mowing height: **10-25mm**

Characteristics

Pack size: **20kg**



Cultivars and performance

Groundforce Perennial ryegrass	45%
Greenplanet Perennial ryegrass	30%
Ryder Creeping red fescue	25%



The seven stages of germination

Selected by the pros to exceed expectations.



STAGE 1

A viable seed will consist of a plant embryo protected by a seed coat, and contain a food source, mostly starch, but also including other essential nutrients needed for germination.



STAGE 2

Sufficient water is key for germination to begin. The seed takes in a small amount of water, raising the seed moisture content and the seed swells breaking open the seed coat.



STAGE 3

The moisture triggers enzyme action in processes such as cell respiration. Oxygen is required by the growing embryo for cell respiration, which releases the energy stored in the starch to be used for growth.



STAGE 4

The radicle (embryonic root) emerges from the seed first through the split seed coat.



STAGE 5

The plumule (embryonic shoot) grows towards the light by a combination of gravitropism and phototropism. It is protected by a colourless sheath to prevent damage as it emerges through the soil.



STAGE 6

The young root system must extend to find water and minerals for the plant to develop and uses gravitropism to grow downwards. As the shoot receives light it becomes thicker and stronger, with the leaves unfolding and turning green, allowing the young plant to begin photosynthesis.



STAGE 7

The germination phase ends with the seed carbohydrate source diminished and the young plant producing its own food through photosynthesis which can be used in respiration and growth. The roots will take up water and nutrients to continue to grow and support the plant's development.

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