



BARENBRUG

Sports field amenity
Turf guide

Grow with Confidence



Introduction

At Barenbrug, we are at the forefront of turf research, quality, and innovation. With over 100 years of turf experience behind us, we have a strong reputation as leaders in Australia's turf market. Throughout Australia, ryegrass is still the number one choice when it comes to sowing sports fields given, its excellent wear tolerance and short establishment windows. Through our partnership with Nuturf we have been able to effectively provide elite sporting arena's and councils alike with, tailored mixes to support their needs. With that in mind, we have put together a product guide, to help you best select appropriate seed to over-sow this Autumn.

At Mid-Western Council we have a challenging winter climate. For the last 2 years I have used Nuturf/Barenbrug Striker Range to oversow our stadium and the results have been great!

Our stadium has around 130 games played a season plus training and the seed has held up perfectly, providing a uniform surface all season long.

The thing that stands out to me is the colour and density maintained through all the traffic and cold temperatures.

I have been extremely happy with the results as it meets the elite surface requirements we need to maintain at Mid-Western Regional Council.

*Josh Martin
Sports fields Team Leader
Mid-Western Regional Council*



Contents

Introduction	2
Barolympic Ultrafine	4
Barorlando	6
RPR	8
Premier 3	10
Sportsfield	11
Striker sports field ryegrasses	12
Striker Platinum	12
Striker Regenerator	12
Striker Gold	13
Striker Wintersport	13
Striker Van Diemen	14
Striker GP 2000	14
Striker SOS	15
What those in the industry say	16
Contact	20





Barolympic Ultrafine

Perennial ryegrass

Barolympic sets a new standard for fine, dense turf that demands tolerance to close-mowing and high wear. It is an ultrafine perennial ryegrass that offers superior performance for sports fields.

In addition to its outstanding mean scores, Barolympic offers exceptional fineness of leaf and shows very fast recovery and growth rates. This enables quick germination, establishment and mid-season repair in areas of high traffic. Barolympic is a perfect all-rounder for all areas of ryegrass usage.

In Victoria, Barolympic was the number 1 grass out of 29 varieties assessed by John Neylan. Barolympic was the best variety for germination and seedling vigour, and statistically the best variety for winter growth and density.

In an independent Queensland trial conducted by Matt Roche of Australian Sports Turf Consultants (ASTC), Barolympic was the best performer in early germination and density where relative humidity levels were 81.4%. Barolympic was also rated the best overall performer in terms of quality at the completion of the 18-week trial. At this point in time mean daily temperature was 17.4°C and the maximum temperature was 30°C.

Barolympic and a mix of Barolympic/Premier 3 excelled in the whole trial. A Barolympic/Premier 3 mix was the #1 performer in ryegrass coverage percentage oversown into Wintergreen couch (*Cynodon dactylon*).

Barolympic is the stand-out cultivar of ryegrass for summer sports use in the United Kingdom. It is ranked #1 in UK trials with a score of 8.6 in Table G4 (Close mown 4-7 mm) 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!

Key applications

Barolympic is a new standard for sports-type perennial suitable for:

- Oversowing warm season bermudagrass or kikuyu fields
- Pure ryegrass fields
- Football/Soccer/rugby and school fields in Australia and NZ
- Golf green surrounds
- Golf tees and walk offs are all perfect examples of where this grass seed mix comes into its own

Key features

- Superb fast germination (faster than Mediterranean)
- Proven winter growth and wear tolerance
- Handles both northern and southern climates
- New standard for shoot fineness
- Mid-light green colour
- Fast shoot recovery after damage



Added value traits

Barolympic has it all - fast germination, establishment, winter growth and exceptional density. This allows you to get back on your turf faster while handle wear during winter and hiding and fighting poa.

Without growth rating (top 10 of 29 varieties)	
Perennial ryegrass cultivar	Ranking
Barolympic	51
Premier 3	49
Striker Gold	49
BAR LP7609	46
BAR LP 6164	43
Derby X	43
LP6131	43
Premier II	43
Rohan SPR	43
BAR LP (S) 6165	42

With growth rating (top 10 of 29 varieties)	
Perennial ryegrass cultivar	Ranking
Barolympic	61
BAR LP7609	53
BAR LP (S) 6165	52
Premier 3	52
Striker Gold	52
Mediterranean (C)	49
BAR LP6164	48
LP6131	48
Premier II	48
Rohan SPR	48

Note: The data has been ranked both including and excluding the growth data. This has been done due to some of the varieties having good vertical growth but may lack turf density and overall turf quality.



Barorlando

Perennial ryegrass



No.1 sports perennial ryegrass at STRI



Outstanding shoot density



Beautiful leaf texture



Excellent disease resistance

Added value trait

Barorlando's speed in establishment and outstanding wear tolerance along with low endophyte makes it an exceptional choice for high wear bermudagrass or kikuyu based sportsfields, looking for longer hours of use.

Barorlando is a new nil endophyte Barenbrug perennial ryegrass for sports fields. This medium fine-leaved perennial variety has excellent live ground cover and shoot recovery after artificial wear application.

Barorlando has been extensively tested in trials at STRI (Sport Turf Research Institute) in Bingley (UK). In 2013 it had the number 1 position for Lolium perenne sports trials in Victoria. This highlighted Barorlando's fast germination, aiding in providing oversowing coverage for quick return to sport. With fast germination and proven wear tolerance, Barorlando will guarantee a beautifully dense, wear tolerant turf.

Key features

- Superb wear tolerance (no. 1 STRI)
- Outstanding shoot density
- Medium dark-green colour with beautiful leaf texture

Key benefits

- Excellent disease resistance (fusarium, red thread, rust)
- Fast shoot recovery after damage

Application

Barorlando is a sports-type perennial suitable for:

- Oversowing warm season bermudagrass/Kikuyu fields
- Football/soccer and rugby pitches throughout Australia and NZ
- Oversowing turf farm winter dormant warm species
- Golf tees and fairways



Table S1 – Perennial Ryegrass

Cultivar	Live ground cover (Post wear)	Visual merit	Mean	Shoot density	Fineness of leaf
Barorlando	8.6	8.5	8.5	8.5	7.7
Eurodiamond	8.2	8.0	8.1	8.0	6.6
Monroe (LA)	8.0	8.2	8.1	8.2	8.6
Barcristalla (LA)	8.1	8.0	8.1	7.9	7.6
Columbine	8.1	8.0	8.1	7.6	6.8
Madrid	7.8	7.9	7.9	7.8	6.8
Eugenius	7.8	7.8	7.8	7.9	7.3
Milan	7.5	7.9	7.7	7.9	7.5
Cyrena	7.6	7.7	7.7	7.7	6.9
Chardin	7.5	7.7	7.6	7.7	8.2
Poseidon	7.8	7.5	7.6	7.5	6.5
Shorty	7.5	7.6	7.5	7.1	7.2
Duparc (LA)	7.4	7.7	7.5	7.2	7.3
Promotor (LA)	7.5	7.5	7.5	7.4	7.3
Cadix	7.1	7.6	7.4	7.1	7.3
Vesuvius	7.1	7.5	7.3	7.4	6.6
Bizet 1	7.2	7.4	7.3	6.0	6.1
Berlioz 1	7.3	7.4	7.3	7.3	6.4
Bareuro	7.3	7.3	7.3	6.9	6.7
Carnac	7.0	7.4	7.2	6.7	6.7
Himalaya	7.2	7.1	7.2	7.0	6.4
Ligala	6.9	7.4	7.1	7.0	7.6
Melbourne	7.0	7.2	7.1	7.6	7.4

Live ground cover

The live ground cover is regarded as more important than shoot density in winter sports turf. The ground cover of the sown species is recorded monthly during the application of artificial football wear, to determine wear tolerance.

STRI Table 1, Sports Series data 25mm 2013 (92 varieties entered into trial) (Note: high clipper rates = less wear)



RPR

Regenerating perennial ryegrass



Added value trait

RPR's outstanding wear tolerance and high endophyte allow your fields to knit together for longer hours of use, saving you worn out areas and reseeding costs.

"There are some things you just have to see for yourself to believe them. Stoloniferous perennial ryegrass was a good example of something like that, but now that I've seen RPR I really am a believer."

Andy Newell - Head of Turfgrass Biology, STRI

RPR - Regenerating Perennial Ryegrass is the first perennial ryegrass having the specific characteristic of spreading horizontally via determinate stolons #Strong as Iron. This characteristic makes RPR many times stronger than other types of perennial ryegrass, while also growing at the same rate. This results in a regenerating perennial ryegrass with the highest wear tolerance, perfect for use on sporting grounds.

Determinate stolons

RPR spreads horizontally by creating a natural network of determinate stolons that form a kind of netting in the sward, making for the best possible wear tolerance. Instead of individual grass plants, as in the case of traditional perennial ryegrass, each RPR grass plant is linked to both plants, and the soil. There is much less risk in the grass being torn up or damaged, given it is held in place by all sides. Even during the most intensive use, the dense sward will remain intact for longer, ensuring a pristine playing surface. So however intensive the circumstances of a football match or golf tournament may be, the dense sward will remain intact for longer.

Key features

- Highest wear tolerance!
- Revolutionary perennial ryegrass with stolons!
- Extremely strong and fast turf
- Very high capacity for self-repair in spring
- Medium dark-green colour with beautiful leaf texture
- High endophyte providing excellent disease and insect resistance

Key benefits

- RPR Strong as Iron allows for heavy wear tolerance and longer hours of use
- Ideally suited for cricket wickets and golf tees with recovery post games
- Makes your field look and play better
- Less overseeding costs and worn out areas



Blundstone Stadium Tasmania

Application

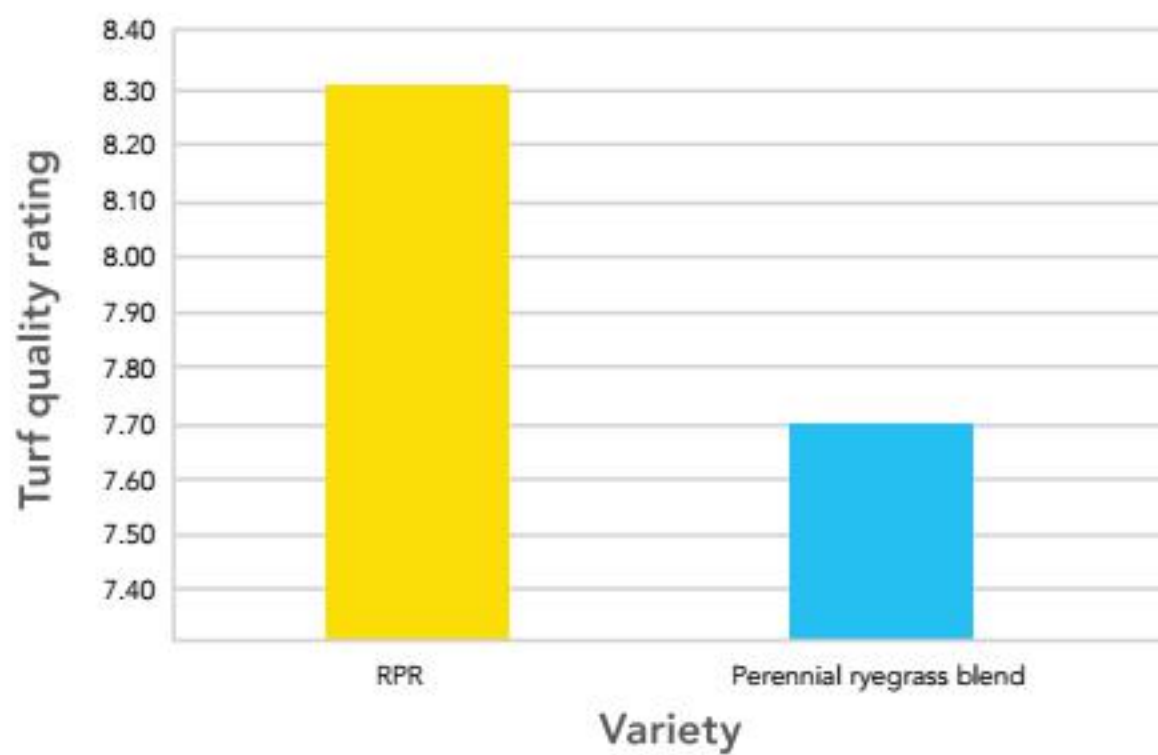
- Oversowing warm season bermudagrass fields
- Cricket wickets
- Football/soccer and rugby pitches in Australia and NZ
- Golf tees, fairways and surrounds
- Landscaping and home lawns



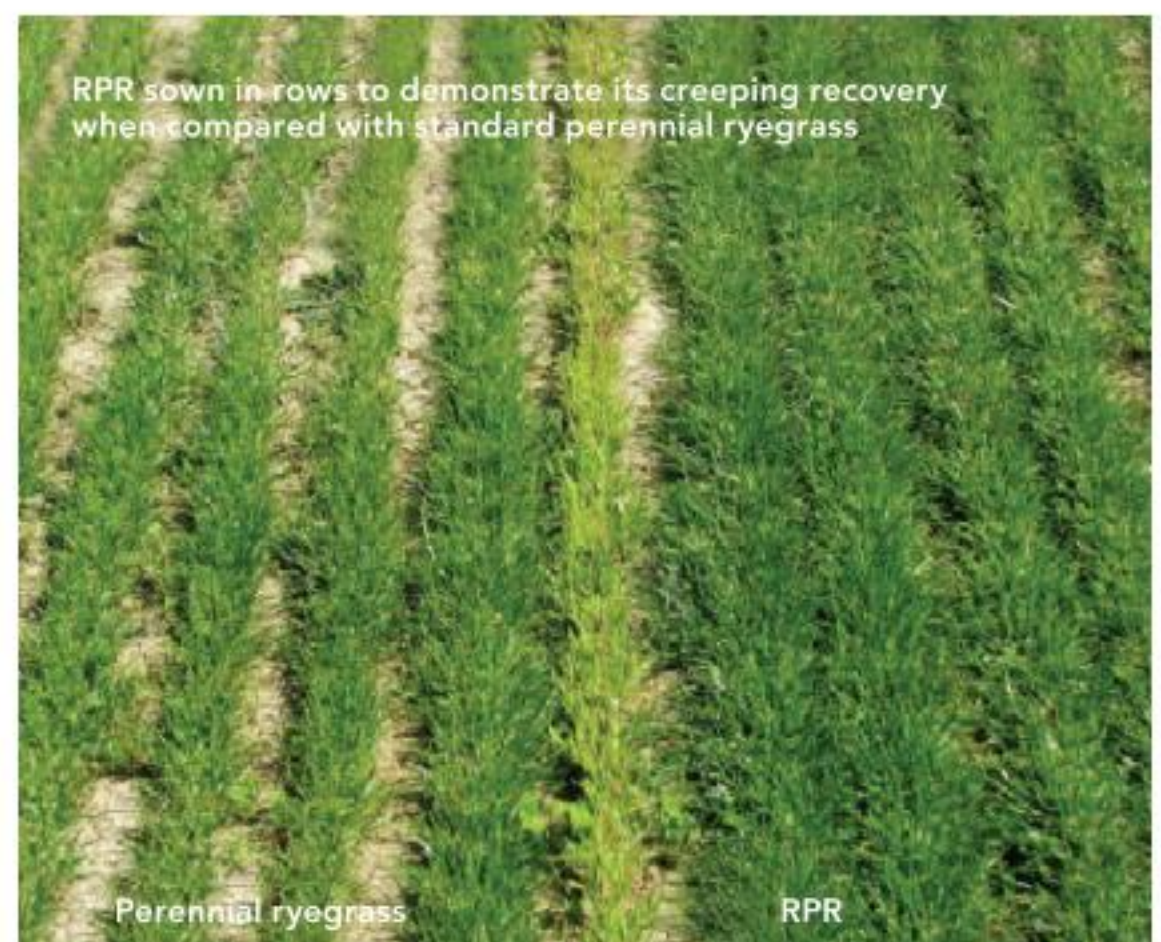
Natural wear trial from Tasmania against a Mediterranean ryegrass

Performance

Intense traffic tolerance



The graph above shows the average of the two RPR varieties compared to a perennial ryegrass blend after three days of intense traffic. Recorded in September 2008. Data from The Ohio State University, P.J. Sherratt, John R. Street and A. Drake.



RPR sown in rows to demonstrate its creeping recovery when compared with standard perennial ryegrass



Premier 3

Perennial ryegrass



Fast germination



Wear tolerance



Outstanding shoot quality

Added value trait

Premier 3's fast establishment and complete performance allows you to develop your stand quicker with the reassurance it will perform throughout the whole season.

"Premier 3 ryegrass was amongst the best varieties for germination and seedling vigour and has been consistently amongst the top performers for turf quality and density."

"Premier 3 ryegrass has also been statistically amongst the best ryegrass cultivars for both winter and summer turf quality and density."

John Neylan, Turfgrass Consulting and Research

Premier 3 is a third generation of the long standing Australian favourite, Premier II ryegrass.

Trialled in Australia, Premier 3 has proven excellent turf performance in independent trials conducted by John Neylan. Premier 3 was #2 performer on combined turf performance statistics, and an improvement over the original Premier II. This variety has high endophyte, deep green colour, very dense tillering and strong disease tolerance.

It is highly recommended for all highend sports use throughout Australia and New Zealand.

Key features

Big brother to Premier II,
#2 performer in independent trials
(29 grasses including
Mediterranean)

Top germination speed
Strong perennial growth habit
Leading turf visual quality
(#2 ranking for all turf quality)
Dense continental characteristics
leading to wear tolerance
Well suited to couch or kikuyu
oversowing
Excellent disease and heat
tolerance

Key benefits

Proven wear tolerance
Attractive deep, green colour
Strong disease resistance
Fast establishment



Sportsfield

Perennial ryegrass



Fast germination
(5–7 days)



Good winter
wear tolerance



Fine-leafed, dense turf
characteristics



Attractive dark
green colour

Barenbrug Sportsfield turf ryegrass is a versatile continental grass suited to a wide range of climates throughout Australia and New Zealand.

Sportsfield turf ryegrass is a cost-effective variety which establishes quickly to allow areas back into play in short periods of time. It has good shade tolerance and is well suited for winter oversowing of sports field surfaces.

Sportsfield turf ryegrass can be used by itself in a mono-stand for oversowing Bermudagrass or kikuyu-based sports ovals in schools and council municipalities.

Sportsfield turf ryegrass has excellent continental ryegrass parentage exhibiting high ratings across a range of important categories. It also has excellent turf quality, wear tolerance, disease resistance, density, colour and mowability.

Key features

- High disease resistance
- Fast germination (5–7 days)
- Good winter wear tolerance
- Fine-leafed, dense turf characteristics

Key benefits

- Cost effective
- Attractive dark green colour

Striker sports field ryegrasses



Striker Platinum *Ryegrass blend*

Striker Platinum is an ultrafine perennial ryegrass blend that sets a new standard in superior performance for sports fields. A mix of two of Barenbrug's finest - Barolympic and Premier 3, Striker Platinum has fast germination and produces a very fine, dense turf for close-mowing and high wear situations.

Sowing rate:
3–5kg/100m²



Striker Regenerator *Ryegrass blend*

Premium sports surfaces for wear tolerance

Striker Regenerator has been designed to give end users 'the best of both worlds'. Using revolutionary mobile technology, it has superior wear tolerance and regeneration compared to other grasses thanks to the unique pseudo-stolons of Regenerating perennial ryegrass (RPR). Combined with Derby Xtreme ryegrass, this blend has exceptionally high turf quality as experienced on Blundstone Arena in Tasmania.

Sowing rate:
3–5kg/100m²



Striker Gold *Ryegrass blend*

Premium sports surfaces

An elite blend of ryegrasses containing three of the best continental varieties - Premier 3, Derby Xtreme and Barorlando ryegrass. The Continental ryegrasses in this mix are backed up by independent trials conducted by John Neylan. Striker Gold is Australia's #1 sports ground ryegrass blend. It is a significant improvement over previous commercial varieties of turf type perennial ryegrass and Mediterranean genetics.

Striker QLD Gold

Specifically designed for the Queensland environment, Striker QLD Gold consists of Premier 3, Derby Xtreme and Pinnacle III.

Sowing rate:

3–5kg/100m²



Striker Wintersport *Ryegrass blend*

Sports fields

Striker Wintersport is your perfect combination of speed and density for good establishment and wear tolerance during the winter months. This fine leaf ryegrass blend has very fast germination thanks to Journey winter ryegrass, and is complemented with high wear and recovery characteristics.

Sowing rate:

3–5kg/100m²

Striker sports field ryegrasses



Striker Van Diemen *Ryegrass blend*

Sports fields

Striker Van Diemen is a blend specifically designed from independent trial work conducted in Tasmania. Striker Van Diemen is a blend of Barorlando, RPR and Derby Xtreme.

These varieties were trialled by West Tamar Council on a soccer ground over a full winter where they successfully held up to wear and tear during a cold wet winter.

Sowing rate:

3–5kg/100m²



Striker GP 2000 *Ryegrass blend*

Sports fields, passive recreation

GP2000 is a blend of perennial ryegrass designed for sports fields, parks and gardens where ease of establishment is required. GP2000 includes the revolutionary Rohan SPR ryegrass and produces a hardwearing turf with excellent germination and winter vigour.

Sowing rate:

3–5kg/100m²



Striker SOS Ryegrass blend

Sports fields and tees

Striker SOS (Super Over Seeder) is a unique blend that contains Panterra turf annual ryegrass and our leading turf perennial ryegrasses - Pinnacle III, Derby Xtreme and Barorlando. Striker SOS will provide an extremely fast germinating, quality dense turf with good wear tolerance and vigour during the winter period.

Sowing rate:

3–5kg/100m²



The turf ryegrasses supplied by Barenbrug are reliable grasses, each with their own characteristics and strengths. They do very well in our cold winters, providing good growth and wear tolerance.

Brad Van Dam
Head Curator
Manuka Oval

What those in the industry say

Penrith Panthers – New South Wales



We have multiple fields that we oversee with Striker mixes however this season we went for Striker Platinum on the main stadium which presented and played outstandingly all season including our home semi final of the NRL.

I have used Nuturf/Barenbrug seed for 15 years now and have found their products to be innovative and cost effective, whilst also providing consistent quality and performance.

Nathan Meyer-Gleaves
Panthers Stadium Grounds Manager

Albury Showgrounds – Victoria



I have been using Barenbrug/Nuturf Striker Gold for 3 seasons now and it has been the perfect blend for my field. It has handled wear from the hectic training and game day schedules, kept a uniform dark green colour and has been frost hardy. The Albury Tigers players have loved the turf surface to train and play on. Even The Melbourne Storm during Covid training sessions commented on the quality of the surface. Many players smashed PBs running with the surface holding together, for the first contact hitouts. No injuries or soreness.

The independent trials that Barenbrug conduct on their seed varieties gives me full confidence in choosing Striker Gold to oversee with each year.

Troy Shepherd
Groundsman
Albury Showground



QSAC Stadium – Queensland



I began at the venue in 2018 and as can happen in Australia, transitioning from cool-season grass back to warm-season grass proved to be a challenge due to the venues, schedule of events and training sessions.

I introduced Premier 3 into both of our fields from March 2019 and must say I have been extremely happy with the results. With fast germination, great colour and excellent disease resistance, Premier 3 provided a terrific winter sports playing surface, at our venue.

Premier 3 doesn't completely shade out the Wintergreen Couch underneath and with it being a monostand seed variety, it transitions out much better than the preceding varieties used at the venue.

Matt Oliver
Grounds Manager
QSAC Stadium

Fremantle Dockers Training Facilities – Western Australia



Since 2017, Barenbrug ryegrass has been used at the Fremantle Dockers training ground with great success every year.

2020 we introduced Nuturf's Striker Platinum with amazing results.

The new Barolympic ultra fine ryegrass is extremely fast germinating, has superb winter growth and hardiness. Combined with the Premier 3's dark colour and performance, Striker Platinum is a winning formula.

Knowing Barenbrug's seed is independently tried and tested, gives me great confidence moving forward that high standards will continue to be set, at the Fremantle Dockers training facilities.

Aaron Crofts
Head Turf Curator, Programmed
Fremantle Football Club



Distributed by:



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