

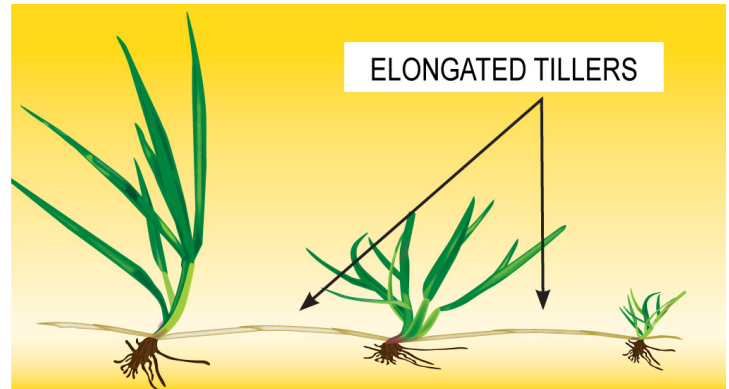
FACTfile

RPR

What is RPR?

Barenbrug's innovative approach to breeding and applied research and development has resulted in the introduction of a distinctive new cultivar of perennial ryegrass (*Lolium perenne*) Barclay II.

RPR is unique among perennial ryegrasses because of its creeping growth habit, made possible through the production of elongated tillers. Elongated tillers are growth shoots emerging from nodes at the base of each plant.



The elongated tillers grow horizontally just below the surface, developing roots at the internodes, creating a new grass plant.

Combining a unique creeping growth habit with the capability to establish quickly and tolerate wear, regenerating perennial ryegrass (RPR) will be of great benefit for sports, golf, turf production and landscaping.



Applied research and development

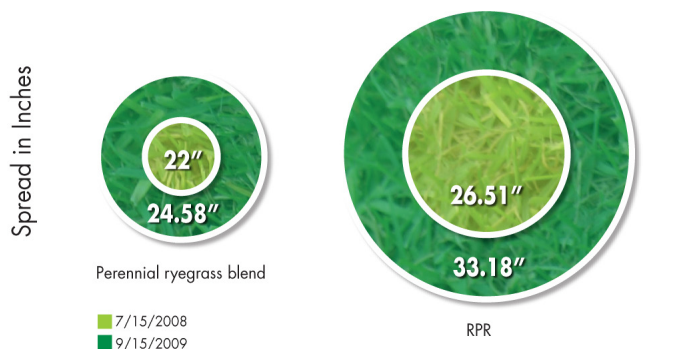
As with all our cultivars, Barclay II, has been extensively trialled at Barenbrug Research Stations across Europe.

Barenbrug UK trials at Cropvale Research have demonstrated its creeping growth habit capabilities and excellent wear tolerance.

In the USA, RPR cultivars were tested at Barenbrug's research fields in Oregon in a specialist trial over a year. Plant breeders studied the lateral growth of RPR under frequent mowing when the plants were spaceplanted.

This graph shows how RPR spreads compared to an average perennial ryegrass plant.

CIRCUMFERENCE OF SPACE PLANTS



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In-field trials

The final stage of RPR's development was extensive trials in the field with turf professionals.

Manchester City Football Club have trialled the product extensively throughout 2011, with excellent results.

Head groundsman Steve Malone says that the RPR has done remarkably well since sowing on 11 May. "It has come through really well. The plant's looking very healthy, with a great colour and strong leaf that's already filling in at the base."



Benefits of RPR

- Superior recovery capability through the production of elongated tillers producing new plants
- Increased recovery after environmental stress, such as drought and wear
- Stabilisation and added tensile strength just below the surface
- Excellent wear tolerance
- Potential to facilitate earlier turf production harvesting

RPR is the ultimate creeping ryegrass. Its faster establishment and recovery after wear is unrivalled.

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



Some things you have to see with your own eyes to believe them. Creeping perennial ryegrass was one of those things for me – I am now a believer. Combining a creeping growth habit with the inherent capability to establish quickly and tolerate wear has the potential to take this grass species to a new level.

Andy Newell

Head of Turfgrass Biology, STRI

Find out more

The RPR cultivar is found in our BAR 7 RPR mixture. For more information about BAR 7 RPR

www.bar7rpr.co.uk

View the **RPR News** for latest news and information.

The best new ideas are challenging

