

RPR Regenerating perennial ryegrass

Turf and lawns



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.

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. The result is, a regenerating perennial ryegrass with the highest wear tolerance, perfect for use in sports pitches eg. Blundstone Stadium Tasmania.

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 other plants and to the soil. There is much less risk of the grass of sports pitches being kicked up or otherwise damaged because it is held in place on all sides, even during the most intensive use. 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

Application

- Oversewing warm season bermudagrass fields
- Cricket wickets
- Football/soccer and rugby pitches in Australia and NZ

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

- Golf tees, fairways and surrounds
- Landscaping and home lawns

Agronomy and management

RPR is the first type of grass to combine strength and speed, so all the benefits of the grass mixture can be enjoyed at the same time. The grass germinates very quickly and is ready for intensive use as soon as it has created a dense sward. RPR management is similar to other conventional ryegrasses. It is well suited to all temperate and subtropical states of Australia. The ability of the ryegrass to recover and handle wear the older it gets, makes it suitable for long term turf surfaces and summer cricket events, with irrigation.

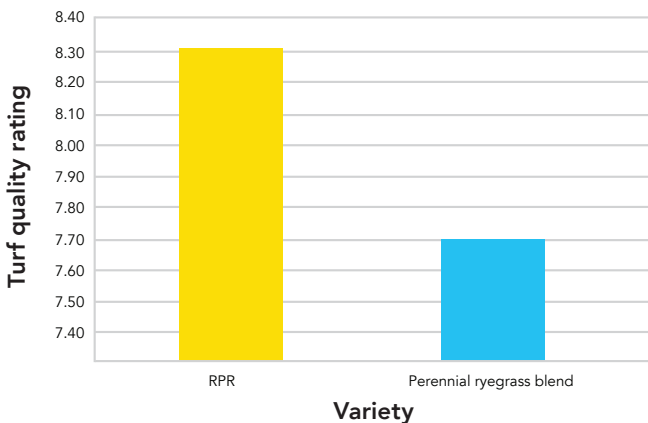
Suggested sowing rates

New field: 400–500kg/ha

Oversowing bermudagrass: 250–500kg/ha

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.

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.

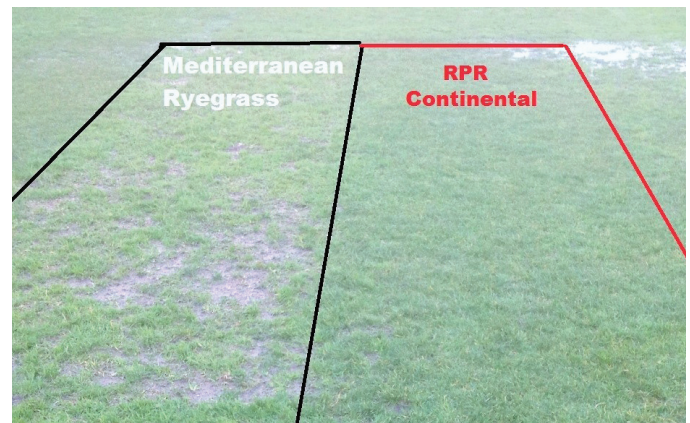
Andy Newell - Head of Turfgrass Biology, STRI

Establishment

Seed can be drilled or broadcast ideally at 5mm and no more than 1cm deep. Seed to soil contact is important. Especially when oversowing into bermudagrass during active warm season growth. The use of a growth regulator is recommended in this situation. Ensure seed is supplied with adequate irrigation with frequency of cycles during the day dependent on temperature. During the first watering it is recommended to give seed a good soak to penetrate the seed walls. Seed must maintain close contact with wet soil for about 3-5 days, to gain a good germination.

Fertiliser / fungicides / insecticides

At sowing an application of a quality starter fertiliser is vital for strong plant and root development. A suitable analysis of 18:10:9 at a rate of 200–240 kg per ha. The application of fungicides and insecticides at planting has been proven to aid in establishment.



Natural wear trial from Tasmania against a Mediterranean ryegrass



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