STRONG AS IRON
Regenerating Perennial Ryegrass

RPR
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BARENBRUG
Great in Grass
STRONG AS IRON
Regenerating Perennial Ryegrass
Revolutionary technology: regenerating and highest wear tolerance!

RPR is a self-regenerating perennial ryegrass building determinate stolons. RPR is the first perennial ryegrass having this particular characteristic. RPR stands up to heavy traffic while keeping its good looks. As a creeping perennial ryegrass, RPR outperforms traditional perennial ryegrass resulting into a regenerating perennial ryegrass with the highest wear tolerance: perfectly suited for sports purposes.
**Strong as iron**

Determinate stolons, sometimes called “runners,” are growth shoots emerging from auxiliary buds at the base of each plant. When an RPR plant gets room when turf is damaged, determinate stolons will grow horizontally into the empty area and develop roots at its internodes. In fact RPR gives a natural network of stolons, like a kind of netting. This gives RPR the highest wear tolerance. Instead of separate plants, like traditional perennial ryegrass, each RPR plant connects to other plants and into the top layer of the soil.

Thanks to RPR, its turf will not be easily kicked out of the pitch. RPR has superior wear tolerance compared to any other perennial rye grass. The turf quality also remains high, even under the heaviest wear during a sports match, without unnecessary damage.

**The best of two worlds**

RPR brings strength and speed together in one species. This has the advantage that all characteristics within the mixture are used at the same time. The grass plants quickly germinate and can be intensively used after the establishment of a dense sward. Traditionally, strong species like smooth stalked meadow grass (Poa pratensis) germinate slower than perennial ryegrass (Lolium perenne). In order to compensate this in many turf grass mixtures smooth stalked meadow grass is combined with a faster perennial ryegrass. Despite the fast germination and establishment in these mixtures the wear tolerance is insufficient. RPR solves this issue by combining firmness and strength with speed of establishment and regeneration. In other words: the best of two worlds.

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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.
We seeded RPR as a test case on the trainings pitch. If I had known the results before, then I would have used it immediately in the stadium pitch!

Theo van Bentum, Field manager NEC Nijmegen (Dutch Premier League club).

RPR is unique!

With the introduction of RPR a new grass specie was reborn. In the United States of America, RPR is officially listed as the specie ‘Lolium perenne stoloniferum’. Dr. Lawson in Ireland officially described this specie in 1836. RPR is the first variety within this specie that has been registered in the USA as Lolium perenne stoloniferum ever since.

“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.

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Theo van Bentum, Field manager NEC Nijmegen (Dutch Premier League club).
is perennial ryegrass with enhanced wear tolerance
due to determinate stolons
is number one in intense wear tolerance
causes less damage due to regeneration
gives stronger grass
allows more playing hours
has low weed ingression