

R314 Rye



You've got it covered with the Ultimate Cold Temperature 100% Ryegrass Blend

R314 Rye is an exceptional blend of quality amenity annual and tetraploid perennial ryegrasses that help keep surfaces fit for use throughout the cold winter and early spring months.

New, darker green cultivar **Candidame** annual ryegrass germinates from just 3.5°C supported in **R314 Rye** by tetraploid ryegrasses, which together deliver a significant increase in germination compared with diploid ryegrasses at just 4°C.

This amenity ryegrass blend is unrivalled for cold temperature recovery.

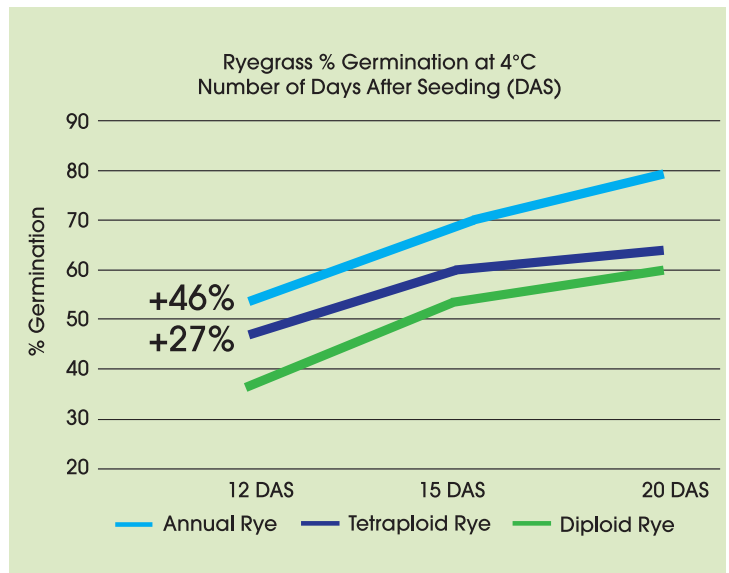
R314 RYE THE BLEND		Sowing Rate: 40-60g sq.m
30% Candidame	Annual ryegrass	Overseeding Rate: 30-40g sq.m
35% Fabian	Tetraploid perennial ryegrass	Sowing Depth: 12-15mm
35% Tetragreen	Tetraploid perennial ryegrass	Mowing Height: Down to 12mm

Tetraploid perennial ryegrass has double the number of chromosomes within each cell compared with diploid perennial ryegrass. The increased cellular chloroplast benefits the plant by boosting chlorophyll production for energy absorption and processing. The outcome is a robust, healthier plant with improved stress tolerance and recovery capability. The seeds of tetraploids are larger than ultra-fine ryegrasses, with high energy for rapid germination. Further benefits include great colour and longer term persistency, a notable benefit when compared with 100% annual or annual/diploid ryegrass blends. And to aid germination and establishment still further, **R314 Rye** is also **Germin-8T** treated.



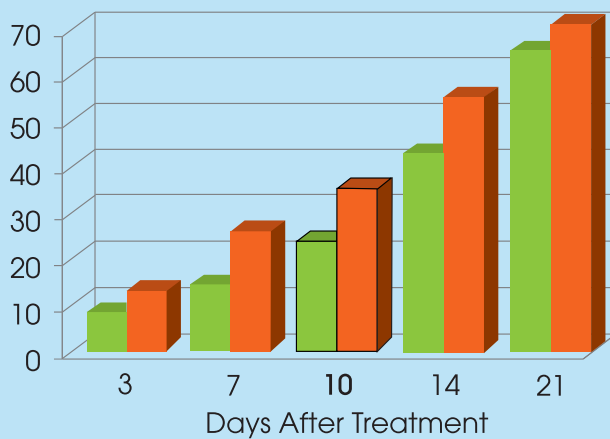
THE RESEARCH

In cold temperatures every day gained in germination and establishment proves invaluable. In search of effective solutions the germination percentages of annual, tetraploid and diploid perennial ryegrasses were assessed in a climate control cabinet at 4°C constant temperature over a period of 22 days. The outcome was annual ryegrass has a significantly higher percentage germination (46%) after just 12 days, followed closely by tetraploid, with diploid ryegrass significantly behind.



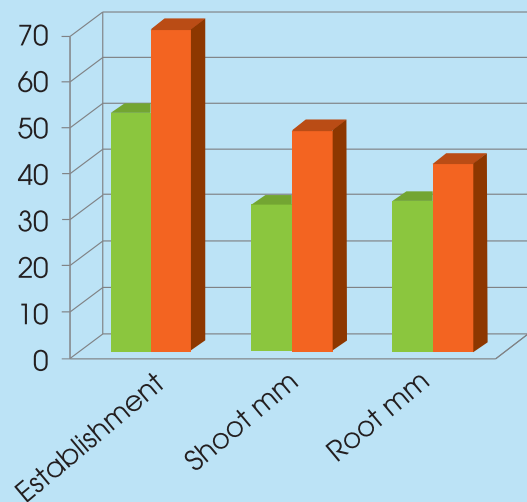
INCREASED GERMINATION PERCENTAGE

Germin-8T showed 38% increase in germination 10 days after treatment in cool, wet conditions



FASTER ESTABLISHMENT

Percentage Establishment (min. 3 leaf stage, 3cm), 21 days after treatment



■ Perennial Ryegrass Untreated
■ Perennial Ryegrass Germin-8T Treated

All 'R' range mixtures now pre-treated with Germin-8T for improved germination and seedling establishment



THE BENEFITS

- High energy seed with fast germination from just 3.5°C
- Unbeatable cold temperature recovery
- High wear tolerance
- Exceptional tolerance to *Microdochium Patch*
- Excellent colour

THE APPLICATIONS

Cold seasonal repairs and re-instatement

- Sports Pitches
- Training Grids
- Racecourses
- Golf Tees & Fairways
- Bottlenecks, Walkways & Grass Footpaths



Rigby Taylor Ltd

Freephone 0800 424919 Web site: www.rigbytaylor.com e-mail: sales@rigbytaylor.com