



For Local Authority sports pitches, golf tees, parks and landscape surfaces Gain shoot recovery in cooler conditions

The Technology

In diploid perennial ryegrass cells each chromosome is present twice, whereas in tetraploid perennial ryegrass each chromosome is doubled and is present four times. The doubling of cellular chloroplast benefits the plant by boosting chlorophyll production for increased energy absorption; Tetraploid seeds are also larger providing high energy for rapid germination. The result is a stronger, healthier plant with improved stress tolerance and recovery capability.

The above benefits can be found in RT sports and landscape mixtures **Sportfield Renovation** and **Super Root**, together with the ultimate cool temperature performer **R314 Rye**.

Key Benefits

- ❖ High energy seed for rapid germination
- ❖ Increased chloroplast & chlorophyll production for energy
- ❖ Cool temperature germination & shoot recovery
- ❖ Robust, upright re-growth for extended seasonal performance
- ❖ Stronger, deeper, denser root system for greater stabilisation
- ❖ Exceptional stress tolerance against drought and the turf diseases Microdochium Patch, Leaf Spot and Rust
- ❖ Depth of colour blends well with existing sward for excellent presentation

Timing

Mixtures can be sown virtually all year round depending on situation and weather conditions, although good growing temperatures and any protection from an existing sward will help the new seedlings establish quickly.

Sportfield Renovation: Recommended for transitional seeding from early to mid-September through October (depending on playing hours and climate) by drilling or dimple seeding at the recommended sowing rate and depth.

R314 Rye: Specially designed to germinate and grow in cooler soil temperatures down to 40°C. Recommended for repairs late autumn through to early spring.

Applications – Sportfield Renovation

- Construction & renovation of sports pitches
- Transitional seeding to maintain cover, particularly goalmouths and centre circles
- In areas subject to heavy wear grass walkways and verges
- Temporary/overflow car parking

Applications – Super Root

- Divot repair for golf tees
- Grassed landscape projects, particularly wear & drought
- Cellular grassed paving/parking systems
- Hydraseeding/terraseeding

Applications – R314 Rye

- Cool temperature repairs for golf tees, sports pitches, grass walkways and cellular paving systems



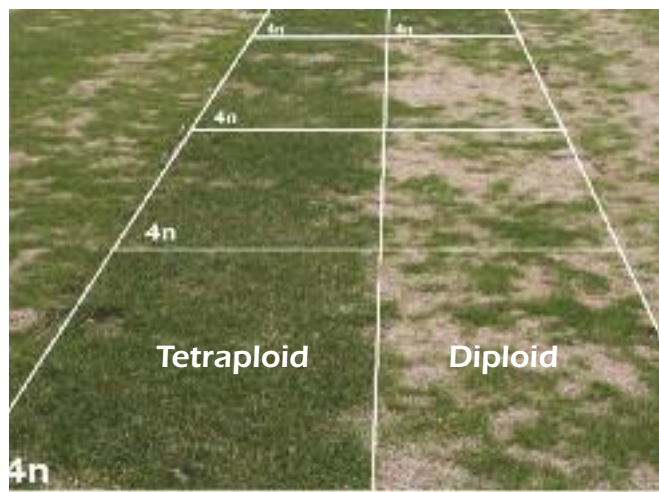
Tetraploid showing deeper root length

Diploid roots showing inferior root length



Tetraploid showing stronger root system

Diploid roots showing weaker root system



Improved disease resistance



	Germination	Establishment	Cool Temperature	Wear	Persistency
GOLD	R314 Rye	R314 Rye	R314 Rye	Sportfield Renov.	Super Root
SILVER	Sportfield Renov.	Sportfield Renov.	Sportfield Renov.	R314 Rye	Sportfield Renov.
BRONZE	Super Root	Super Root	Super Root	Super Root	R314 Rye

Sportfield Renovation

40% Tetragreen	Tetraploid Perennial Ryegrass
20% Greensky	Perennial Ryegrass
40% Greenway	Perennial Ryegrass

Sowing Rate: 35-45g/sq.m
 Sowing Depth: Down to 20mm
 Mowing Height: Down to 20mm



Super Root

30% Tetragreen	Tetraploid Perennial Ryegrass
30% Greenfair	Perennial Ryegrass
20% Neruda 1	Perennial Ryegrass
20% Mystic	Strong Creeping Red Fescue

Sowing Rate: 35-40g/sq.m
 Sowing Depth: Down to 12mm
 Mowing Height: Down to 13mm



R314 Rye

35% Fabian	Tetraploid Perennial Ryegrass
35% Tetragreen	Tetraploid Perennial Ryegrass
30% Axcella	Annual Ryegrass

Sowing Rate: 35-45g/sq.m
 Sowing Depth: Down to 20mm
 Mowing Height: Down to 20mm



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