

SOS

Football & Rugby, Horse Racing

Usage

Overseeding and **repair** of sports turf and racecourses in cool temperatures

Key points

- *Barterra* annual ryegrass germinates, establishes and grows faster than perennial ryegrasses
- *Barorlando* offers fast cool temperature germination for a perennial and provides a long-term wear tolerance in the mix

Species Formulation

50% annual ryegrass
50% perennial ryegrass



SOS is designed to give the fastest possible germination, establishment and growth for emergency repair or divoting sports turf and racecourses.

Barterra is the latest generation amenity annual ryegrass that will germinate at temperatures as low as 3.5°C, making it the ideal tool to maintain grass cover throughout the winter. Barenbrug research shows that amenity annual ryegrasses germinate more quickly and at lower temperatures than perennial ryegrass, including tetraploid varieties.

Figure 1 illustrates the speed at which SOS can establish and restore a sward when it is overseeded in January at a soil temperature of 6.2°C. One month into the trial the grass cover has recovered from 20% to more than 60%.

Barorlando is partnered with *Barterra* to give a longer-term solution within the mix as it is a perennial ryegrass with good performance characteristics, wear tolerance and disease tolerance.

Barenbrug research favours the use of a hard-wearing diploid perennial rather than a tetraploid alternative as a partner to annual ryegrasses for winter grass seed mixtures.

IN THE BAG

50% **BARTERRA**
Annual ryegrass

50% **BARDORADO**
Perennial ryegrass

Sowing rate: 30-40g per m²
Overseeding rate: 20-40g per m²
Sowing depth: 4-8mm
below thatch
Mowing height: Down to 20mm
Pack size: 20kg

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SOS research

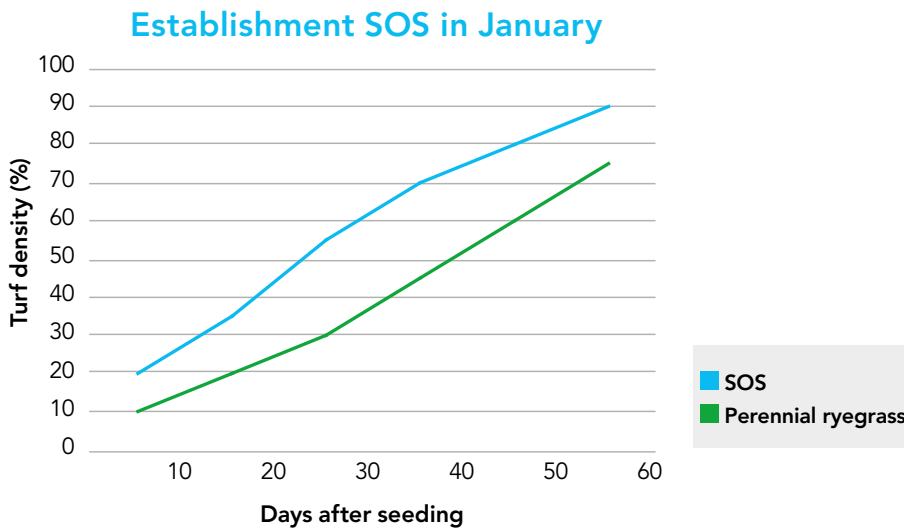


Figure 1 Establishment SOS in January compared to standard perennial ryegrass
Data from Holland field trial