

FOOTBALL & RUGBY | RACING

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%.

Bardorado 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. It is specifically chosen, as trials have proven that *Bardorado* germinates particularly well at low temperatures for a perennial ryegrass (down to 5°C, and quickly at 7-10°C; 90% germination in a 14-day trial – see Figure 2).

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.

50% perennial ryegrass
50% annual ryegrass

50% **BARTERRA**
Annual ryegrass

50% **BARDORADO**
Perennial ryegrass

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

Key points *Barterra* annual ryegrass germinates, establish and grows faster than perennial ryegrasses. *Bardorado* offers very fast cool temperature germination for a perennial and provides a long-term solution in the mix.

Oversowing rate 20-40g per m²
Sowing rate 30-40g per m²
Sowing depth 4-8mm
Mowing height down to 20mm

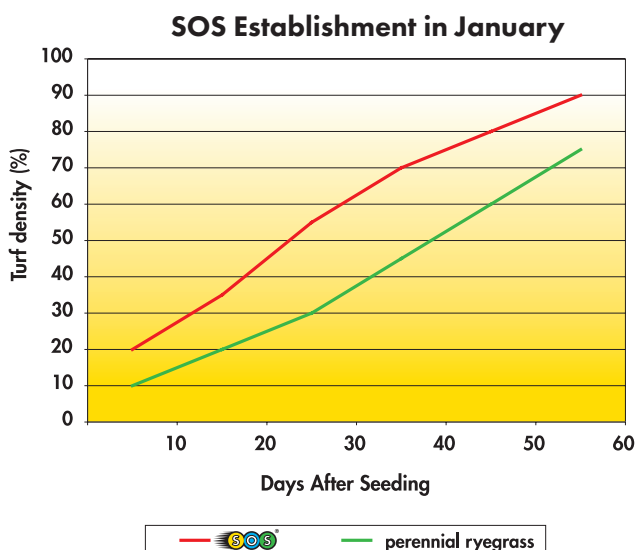


Figure 1: SOS establishment in January

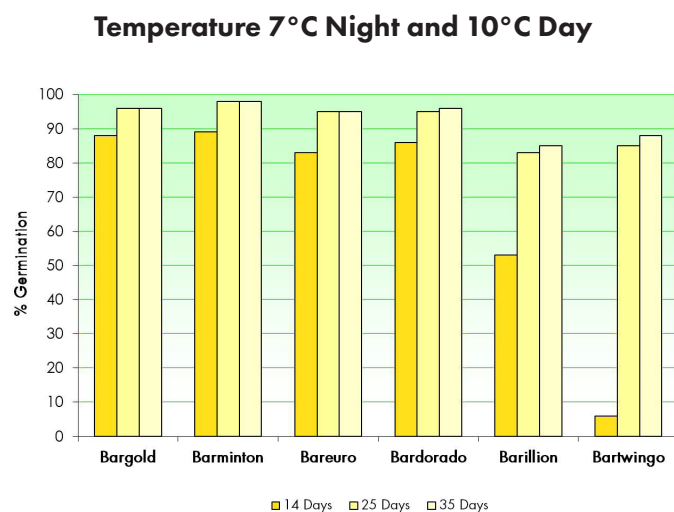


Figure 2: Bardorado germination at low temperatures