

Barorlando Perennial ryegrass

Turf and lawns



No.1 sports perennial ryegrass at STRI



Outstanding shoot density



Beautiful leaf texture



Excellent disease resistance

Added value trait

Barorlando's speed in establishment and outstanding wear tolerance along with low endophyte makes it an exceptional choice for high wear bermudagrass or kikuyu based sportsfields looking for longer hours of use.

Barorlando is a new nil endophyte Barenbrug perennial ryegrass for sportsfields. This medium fine-leaved perennial variety has excellent live ground cover and shoot recovery after artificial wear application.

Barorlando has been extensively tested in trials at STRI (Sport Turf Research Institute) in Bingley (UK). In 2013 it had the number 1 position for *Lolium perenne* sports trials in Victoria. This highlighted Barorlando's fast germination, aiding in providing oversowing coverage for quick return to sport. With fast germination and proven wear tolerance, Barorlando will guarantee a beautifully dense, wear tolerant turf.

Key features

- Superb wear tolerance (no. 1 STRI)
- Outstanding shoot density
- Medium dark-green colour with beautiful leaf texture

Key benefits

- Excellent disease resistance (fusarium, red thread, rust)
- Fast shoot recovery after damage

Application

Barorlando is a sports-type perennial suitable for:

- oversowing warm season bermudagrass/Kikuyu fields
- football/soccer and rugby pitches throughout Australia and NZ
- oversowing turf farm winter dormant warm species
- golf tees and fairways.

Management

Barorlando is well suited to all temperate and sub-tropical states of Australia. This variety performs best on well drained, fertile, soils and is suitable for over sowing bermudagrass/ Kikuyu providing good seed to soil contact. This strong performing ryegrass makes it suitable for long term turf surfaces and summer cricket events with irrigation.

Fertiliser / fungicides / insecticides

At sowing an application of a quality starter fertiliser is vital for strong plant and root development. A suitable analysis of 18:10:9 at a rate of 200–240 kg per ha. The application of fungicides and insecticides at planting has been proven to aid in establishment.

Live ground cover

The live ground cover is regarded as more important than shoot density in winter sports turf. The ground cover of the sown species is recorded monthly during the application of artificial football wear to determine wear tolerance.

Establishment

Seed can be drilled or broadcast ideally at 5mm and no more than 1cm deep. Seed to soil contact is important esp when oversowing into bermudagrass/Kikuyu during active warm season growth. The use of a growth regulator is recommended in this situation. Ensure seed is supplied with adequate irrigation with frequency of cycles during the day dependent on temperature. The first watering it is recommended to give seed a good soak to penetrate the seed walls - seed must maintain close contact with wet soil for about 3–5 days to gain a good germination.

Suggested sowing rates

New field: 400–500kg/ha

Oversowing bermudagrass: 250–500kg/ha

Table S1 – Perennial Ryegrass

Cultivar	Live ground cover (Post wear)	Visual merit	Mean	Shoot density	Fineness of leaf
Barorlando	8.6	8.5	8.5	8.5	7.7
Eurodiamond	8.2	8.0	8.1	8.0	6.6
Monroe (LA)	8.0	8.2	8.1	8.2	8.6
Barcristalla (LA)	8.1	8.0	8.1	7.9	7.6
Columbine	8.1	8.0	8.1	7.6	6.8
Madrid	7.8	7.9	7.9	7.8	6.8
Eugenius	7.8	7.8	7.8	7.9	7.3
Milan	7.5	7.9	7.7	7.9	7.5
Cyrena	7.6	7.7	7.7	7.7	6.9
Chardin	7.5	7.7	7.6	7.7	8.2
Poseidon	7.8	7.5	7.6	7.5	6.5
Shorty	7.5	7.6	7.5	7.1	7.2
Duparc (LA)	7.4	7.7	7.5	7.2	7.3
Promotor (LA)	7.5	7.5	7.5	7.4	7.3
Cadix	7.1	7.6	7.4	7.1	7.3
Vesuvius	7.1	7.5	7.3	7.4	6.6
Bizet 1	7.2	7.4	7.3	6.0	6.1
Berlioz 1	7.3	7.4	7.3	7.3	6.4
Bareuro	7.3	7.3	7.3	6.9	6.7
Carnac	7.0	7.4	7.2	6.7	6.7
Himalaya	7.2	7.1	7.2	7.0	6.4
Ligala	6.9	7.4	7.1	7.0	7.6
Melbourne	7.0	7.2	7.1	7.6	7.4

STRI Table 1, Sports Series data 25mm 2013 (92 varieties entered into trial) (Note: high clipper rates = less wear)

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