

Coorong CM142

TETRAPLOID PERENNIAL RYEGRASS
: *Lolium perenne*



Quick Seed Facts



Lifespan

- ⊕ **Perennial**
Long-term pasture in environments suitable for perennial ryegrass

Ploidy

- ⊕ Tetraploid

Heading date

- ⊕ Late (+20 days)

Recommended sowing rate

- ⊕ 25-30kg/ha

Suitability

- ⊕ Grazing
- ⊕ Hay
- ⊕ Silage

Seed treatment

- ⊕ XLR8® (insecticide) recommended, also available as untreated seed

Coorong CM142 is a late-maturing tetraploid perennial ryegrass featuring CM142 novel endophyte for tolerance to pasture insects and maximised persistence. It's designed for high-performance farming systems, offering high tiller density and excellent grazing tolerance without sacrificing palatability or productivity. It has a late heading date for enhanced stock performance.

FEATURES & BENEFITS

- ⊕ **Late-maturing perennial ryegrass**
Maintains feed quality late into the season
- ⊕ **Tetraploid; provides a pasture option more readily accepted by stock**
Helps to improve feed intake and stock performance leading to improved liveweight gains
- ⊕ **High tiller density**
Improves grazing tolerance and recovery, leading to more persistent pastures
- ⊕ **Cool-season growth**
Providing more feed when it's most valuable
- ⊕ **CM142 endophyte**
For improved insect protection and reduced animal health risks over standard endophyte options

STRENGTHS

- ⊕ Stock performance
- ⊕ Grazing tolerance
- ⊕ Persistence
- ⊕ CM142 novel endophyte

LIMITATIONS

- ▶ Not recommended for horses

WHERE IT GROWS

Rainfall: Coorong CM142 tetraploid perennial ryegrass is well suited to higher rainfall zones, or irrigation.

Soils: The benefits of Coorong CM142 will be maximised in high fertility soils, with good drainage.

Temperature: Good tolerance to cold temperatures but not suited to climates with very high summer temperatures (e.g. QLD).

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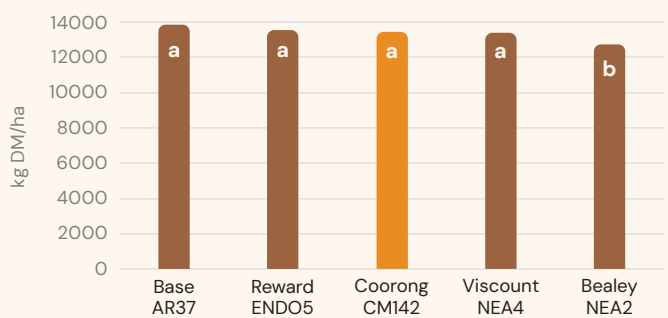
: *Lolium perenne*



Plant with
confidence

2021 Tetraploid Perennial Ryegrass Trial – Warragul, VIC

The 2021 Tetraploid perennial ryegrass trial at Warragul shows comparative dry matter production to the market leading competitor varieties, providing you with an alternative that you can rely on.



Sig= 0.001 LSD(5%) = 524 %CV = 2.7

Mean annual yield over 3 years

ESTABLISHMENT

Performance optimisation or limitations for your soil type can be discussed with your local agronomist.

Sowing time: Sow when soil temperatures are at least 10–12°C, ideally in early to mid-autumn or early spring. Pastures may be slow to establish if soil temperatures drop below 8°C. Consult your local agronomist or Territory Manager for your ideal sowing time.

Sowing depth: 10–15mm.

Seed treatment: XLR8® treatment is recommended for targeted insect protection and increased vigour at establishment.

COMPANION SPECIES

- ⊕ Pasture grasses
- ⊕ Pasture legumes
- ⊕ Forage herbs & brassica

MANAGEMENT

Maintenance fertiliser: Coorong CM142 perennial ryegrass is very responsive to fertiliser applications. Good nutrition is required to maximise production through optimising yield and forage quality. Replacement fertiliser for nutrient removed should be calculated on liveweight produced or hay/silage removed. Consult your local agronomist for more information.

Grazing/cutting: Responds to a wide range of grazing methods. Coorong CM142 perennial ryegrass can be cut for hay and silage once established but we recommend not cutting in the first 12 months of establishment. As Coorong CM142 has a late heading date, it offers more flexibility in spring cutting times without affecting feed quality.

Major pests: A valuable benefit of Coorong CM142 is that the novel endophyte provides protection against several insects that affect ryegrass, including Argentine stem weevil, African black beetle, root aphid and porina caterpillar.

Other major pests that ryegrasses are susceptible to include red and black-headed cockchafer, slugs, black field cricket and corbies.

Major diseases: Coorong CM142 has been selected for improved tolerance to crown rust and stem rust, however, under adverse growing conditions and extreme pressure rust prevention measures may be required. Consult your local agronomist for recommendations.

Herbicide susceptibility: Consult your local agronomist for herbicide options. Always check label before herbicide use. Best sown into weed-free paddocks.

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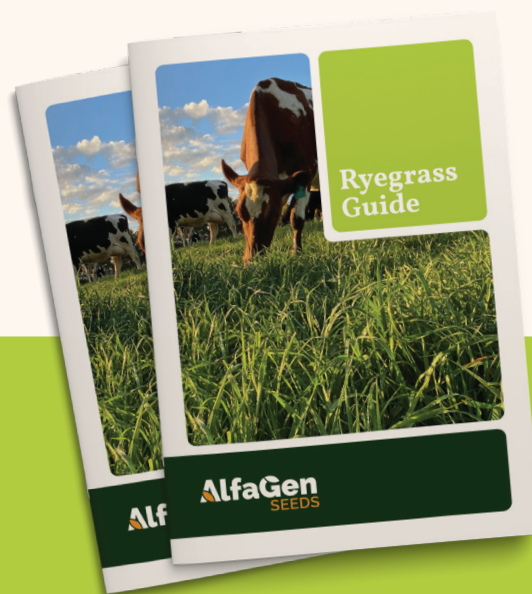
ANIMAL PRODUCTION

Feed value: Coorong CM142 perennial ryegrass has been bred for high levels of digestibility, protein and energy, making it the ideal grass for farmers focused on animal performance and total production.

Palatability: Excellent palatability, suited to high-performance grazing operations.

Livestock safety & performance: CM142 endophyte has the highest, 4-Star, safety rating from the Plant Breeding and Research Association¹. CM142 is compatible with a high level of livestock performance, it is very unlikely to cause ryegrass staggers or heat stress and does not produce Lolitrem-B or ergovaline toxins. Comprehensive animal safety testing of Coorong CM142 with sheep, found zero ryegrass staggers or heat stress occurred, equivalent to the nil endophyte ryegrass².

- 1 2024 PBRA provisional for sheep and lambs (++++), full for cattle and dairy cows ++++.
- 2 Disclaimer: As with all endophytes, under poor grazing management of stressed plants, especially during summer and autumn, ryegrass staggers could potentially occur. Not recommended for horses.



Ryegrass Guide

For a detailed look at all our ryegrass products, download the AlfaGen Seeds Ryegrass Guide today.

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Seed Guide

From ryegrass to lucerne and everything in between, it all starts with a seed guide.

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