

# Almonta CM142



**DIPLOID PERENNIAL RYEGRASS**  
: *Lolium perenne*

## Quick Seed Facts



### Lifespan

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

### Ploidy

- ⊕ Diploid

### Heading date

- ⊕ Late (+15 days)

### Recommended sowing rate

- ⊕ 20-25kg/ha

### Suitability

- ⊕ Grazing
- ⊕ Hay
- ⊕ Silage

### Seed treatment

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

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Almonta CM142 perennial ryegrass is a high performance, late-heading, diploid variety bred to maximise seasonal pasture growth and quality. It has been bred to have high tiller density and tiller production, resulting in very good tolerance to grazing in dry or wet conditions. Almonta contains CM142 endophyte to improve tolerance to selected pasture insects therefore maximising persistence.

## FEATURES & BENEFITS

- ⊕ **High tiller density**  
Delivering strong persistence and recovery from grazing
- ⊕ **Late heading date with low aftermath heading**  
Maintains a vegetative state for a longer period allowing for better pasture utilisation to provide high-quality late-season feed
- ⊕ **Excellent dry matter production**  
Resulting in good pasture growth throughout winter, spring and into summer for feed when you need it most
- ⊕ **CM142 endophyte**  
For improved insect protection and reduced animal health risks over standard endophyte options

## STRENGTHS

- ⊕ Strong tiller production and ground cover
- ⊕ Improved grazing tolerance
- ⊕ Cool-season production
- ⊕ Low aftermath heading
- ⊕ CM142 novel endophyte

## LIMITATIONS

- ▶ Not recommended for horses

## WHERE IT GROWS

**Rainfall:** Almonta CM142 diploid perennial ryegrass is well suited to high rainfall zones, or irrigation.

**Soils:** The benefits of Almonta CM142 perennial ryegrass 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.

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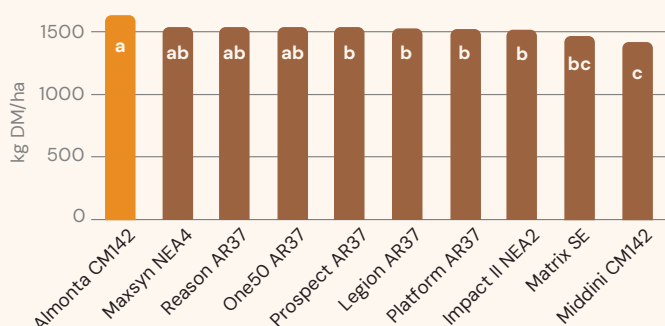


Plant with confidence

## TRIAL DATA

### 2021 Diploid Perennial Ryegrass Trial – Warragul, VIC

The trial at Warragul shows the excellent winter performance of Almonta CM142 compared to other leading ryegrass cultivars.



Sig= 0.000 LSD(5%) = 101 %CV = 4.6

Mean winter 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:** Almonta 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. Almonta 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 Almonta CM142 has a late heading date, it offers more flexibility in spring cutting times without affecting feed quality.

**Major pests:** A valuable benefit of Almonta 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:** Almonta 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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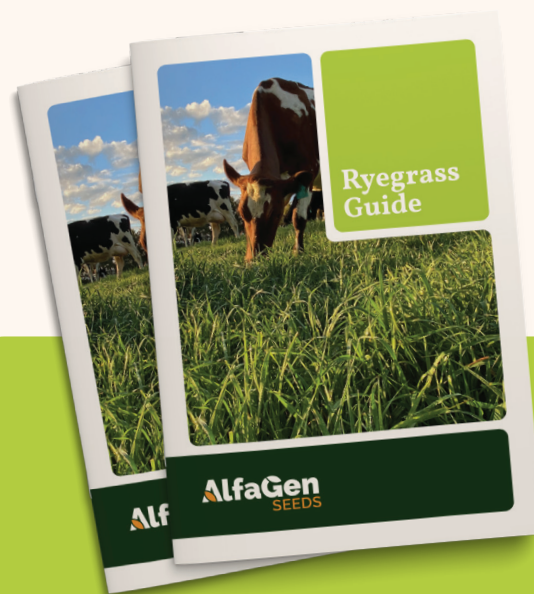
## ANIMAL PRODUCTION

**Feed value:** Almonta CM142 perennial ryegrass has a good balance of digestibility, protein and energy for animal performance. It is well suited to farmers focused on animal performance, total feed production and pasture persistence.

**Palatability:** Very good 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 Association<sup>1</sup>. 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 Almonta CM142 with sheep, found zero ryegrass staggers or heat stress occurred, equivalent to the nil endophyte ryegrass<sup>2</sup>.

- 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

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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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