

# Greenmount CM142

**TETRAPLOID HYBRID RYEGRASS**

: *Lolium multiflorum* x *L.boucheanum*



## Quick Seed Facts



### Lifespan

- Medium to long-term pasture in environments suitable for long-term ryegrass

### Ploidy

- Tetraploid

### Heading date

- Late (+18 days)

### Recommended sowing rate

- 25-30kg/ha

### Suitability

- Grazing
- Hay
- Silage

### Seed treatment

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

Greenmount CM142 is a late-maturing tetraploid hybrid ryegrass featuring CM142 novel endophyte for maximised persistence and tolerance to pasture insects. The Italian genetics in Greenmount CM142 result in early vigour and feed production similar to an Italian ryegrass, while the breeding for high tiller density has created a variety with persistence comparable to perennial ryegrass. Ideal for high-performance farming systems where maximum production is required, without sacrificing persistence.

## FEATURES & BENEFITS

### ⊕ Fast establishment vigour

Making it an excellent option for sowing into older pastures to boost production  
Quick to first grazing

### ⊕ Very strong autumn and winter growth

Increases feed intake in cooler months when you need it most

### ⊕ Palatable, high-quality feed

Delivering excellent animal performance through increased daily feed intake

### ⊕ Heading date +18 days

Providing valuable production later into the season

### ⊕ CM142 endophyte

For improved insect protection and reduced animal health risks over standard endophyte options

## STRENGTHS

- ⊕ Rapid establishment
- ⊕ Strong cool-season growth
- ⊕ Stock performance
- ⊕ Grazing tolerance
- ⊕ CM142 novel endophyte

## LIMITATIONS

- ▶ Not recommended for horses

## WHERE IT GROWS

**Rainfall:** Greenmount CM142 Hybrid ryegrass is well suited to higher rainfall zones, or irrigation.

**Soils:** The benefits of Greenmount 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).

- ⊕ 08 8445 1111
- ⊕ [info@alfagenseeds.com.au](mailto:info@alfagenseeds.com.au)
- ⊕ [alfagenseeds.com.au](http://alfagenseeds.com.au)

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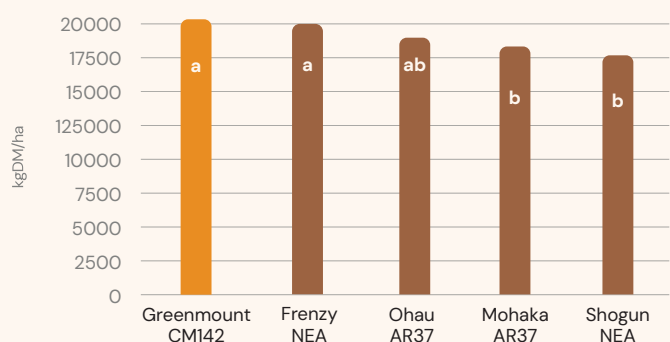


Plant with  
confidence

### TRIAL DATA

#### NFVT 2020 Hybrid Ryegrass USI

The 2020 National Forage Variety Trial showed that Greenmount CM142 compares very favourably for total dry matter production compared with other varieties.



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:** Greenmount CM142 can be planted in early autumn, due to reliable germination in warm soils (15–20°C), and before soil temperatures drop below 12°C. 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. When sowing into old pastures, graze heavily before drilling and use XLR8® treated seed.

**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:** Greenmount CM142 hybrid 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. Greenmount CM142 hybrid ryegrass can be cut for hay and silage once established but we recommend not cutting in the first 12 months of establishment. As Greenmount CM142 has a late heading date, it offers more flexibility in spring cutting times without affecting feed quality.

**Major pests:** A valuable benefit of Greenmount 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:** Greenmount CM142 hybrid ryegrass was 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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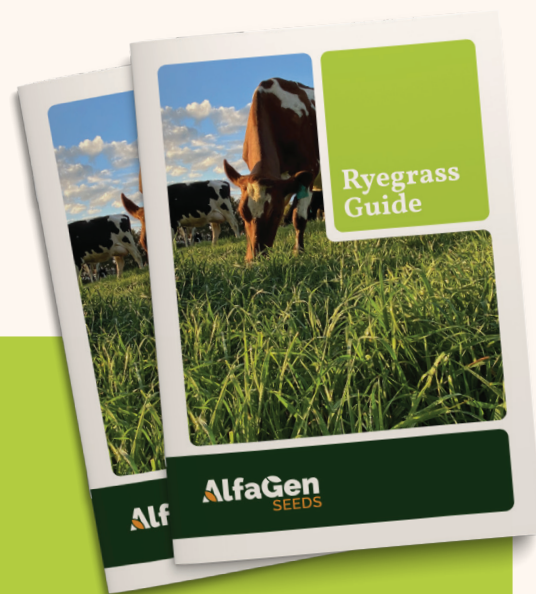
## ANIMAL PRODUCTION

**Feed value:** Greenmount CM142 hybrid 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 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 Coorong 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

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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