



**Maimai® is a new ryecorn with superior production of high-quality forage in winter. It withstands cold conditions very well, and is ideally suited for multi-grazing during winter in pastoral systems in New Zealand's cool regions – especially in the south, inland and at high altitudes.**

Forage ryecorn is a popular cereal option for winter grazing to supplement pasture and other crops in animal production systems. Ryecorn has several outstanding features:



### **Resilient**

A very robust forage plant, with good cold tolerance that makes it particularly suited for winter grazing in tough, cold environments.



### **Productive**

Produces higher forage yields in harsh winter climates than other cereal forages such as triticale, oats and barley that have less cold tolerance.



### **Quality**

High-quality forage helps to sustain animal performance during winter, with good live-weight gains possible.



### **Multi-grazing**

Grows quickly from autumn sowing with first grazing possible about 8-10 weeks after sowing, before stem elongation begins, and then cool-season regrowth for another one or two grazings in late winter-early spring.



### **Versatile**

Grows well in a wide range of conditions, and can be taken for silage after spring regrowth following winter grazings.

*For more information contact your  
Agronomist directly or Luisetti Seeds*



[www.luisettiseeds.co.nz](http://www.luisettiseeds.co.nz)

#### **Head Office**

20 Ashley Street  
PO Box 77, Rangiora

P: 03 313 7176

F: 03 313 7555

E: [admin@luisettiseeds.co.nz](mailto:admin@luisettiseeds.co.nz)

#### **Ashburton**

188 Dobson Street  
PO Box 380, Ashburton

P: 03 308 9103

F: 03 308 2078

E: [stapletons@stapletons.co.nz](mailto:stapletons@stapletons.co.nz)

**Maimai®**  
FORAGE RYECORN



→ **Maimai®, a new ryecorn with superior production of high-quality forage in winter.**

***Maimai® is an exciting new ryecorn forage cultivar with attributes that make it a compelling choice for discerning New Zealand farmers***

- **Maimai** is a modern, better-performing substitute for the enduring old cultivar Rahu, which is still the mainstay of ryecorn forage production in New Zealand, 40 years after it was released in 1976.
- **Maimai** was bred specifically for winter forage production.
- **Maimai** grows and develops faster than Rahu and has a taller, erect growth habit with an open canopy and larger leaves than Rahu (see photos).
- **Maimai** generally has a larger seed size than Rahu, and establishes more vigorously. A higher sowing rate is required for Maimai.
- Forage quality of **Maimai** is similar to other ryecorns.
- **Maimai** is well-adapted in Oregon and Northern California where it has been tested in field trials during two seasons and is now grown commercially.
- Its adaptation and superior production capability in New Zealand conditions was shown in field trials in Canterbury. It produced 10% higher total forage yield than Rahu from three cuts during winter-early spring, with its main advantage in the winter and spring regrowth periods (see table).

***Maimai's resilience and cool-season growth make it ideally suited to***

- Pastoral systems in New Zealand's tough cold winter climates, such as the Central Plateau, Maniototo, Mackenzie Country, Otago and Southland.
- Multi-grazing during winter, with the added option of an additional silage harvest after regrowth in spring.

***In addition to its performance features, especially its superior winter resilience and productivity, choosing Maimai® makes good economic sense***

- **Maimai** delivers a good return on investment because of its higher yield.
- In trials, **Maimai's** 10% higher yield produced extra income of \$200 per ha (assuming a value of 25 cents per kg of dry matter for the additional 800 kg/ha).
- The economic advantage **Maimai** over Rahu was 7% when the higher seed cost and sowing rate were taken into account.
- The main costs of production, such as cultivation and fertiliser are similar for all cultivars.
- **Maimai** is produced under Luisetti Seeds quality assurance programme and is registered and produced under the New Zealand Government Seed Certification Scheme (Rahu in contrast is not produced under a recognised certification scheme and the integrity and purity of Rahu seed cannot be guaranteed having been "saved for seed" without check for over 40 years!).

**Yields of Maimai® and Rahu ryecorn (kgDM/ha)**

Cultivar	Cut 1	Cut 2	Cut 3	Total
Maimai	491	1601	7079	9171
Rahu	518	1456	6388	8362
CV (%)	30.5	6.3	3.9	4.2
LSD	346	216	584	821

**Notes:**

1. Data from a field trial conducted at Yaldhurst, Canterbury by New Zealand Arable.
2. Sown at 175 kg/ha in a Waimakariri silt loam on 13 April.
3. Three cuts on 29 June, 15 August and 13 October.
4. Values are means of four replicates.

**Rahu (left) and Maimai® (right) in both photos**

