

- **Legion** is a high performance, late heading (+13) diploid perennial ryegrass.
- Bred solely from perennial ryegrass plants that were individually screened for persistence, rust tolerance and vigour in Canterbury, Manawatu, Waikato and Northland.
- **Legion** is a particularly balanced perennial ryegrass with excellent growth potential throughout the year.
- A perennial ryegrass with very good density, tiller size and leaf length that is suitable for sheep and beef pastures while being adaptable and productive enough to perform to a high level in dairy pastures.

## Characteristics

Perenniality	Heading Date	Endophyte	Rust Tolerance	Aftermath Heading
Diploid perennial	+13 day heading date*	AR37 & AR1	Excellent	Low aftermath heading in comparison to other cultivars of a similar heading date

## Heading date comparisons

**Legion** has a +13 day heading date vs Nui\* at 0 days. In Agricom's portfolio, **Legion** is intermediate between ONE<sup>50</sup> at +20 days and Samson at +3 and Request at 0 and is most similar in heading date to Prospect +12 days.

\* Nui heading date at 0 days is the 22nd October



**Legion** (front middle) in the Waikato, 21st December 2019.



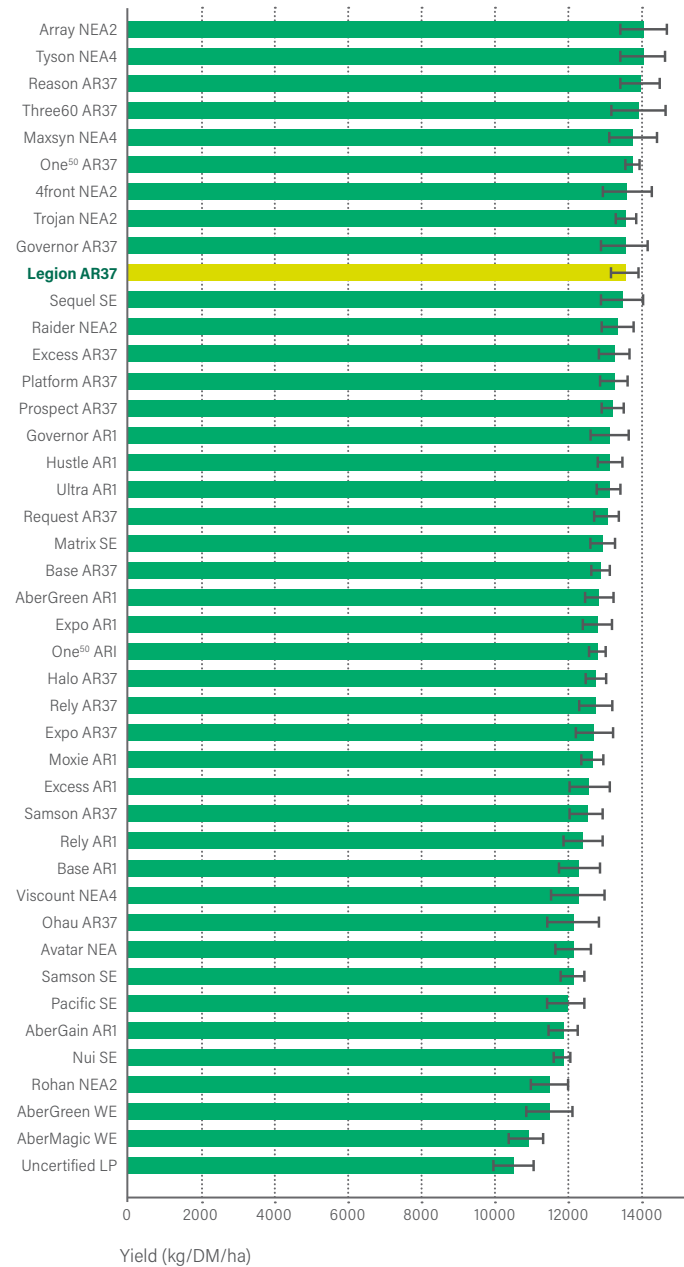
**Legion AR37** (right) showing outstanding rust tolerance against Nui (left).

\***Legion** has been bred, selected and successfully tested as a perennial and will function as a perennial ryegrass. Due to a small number of tip awns, **Legion** is certified as *Lolium boucheanum*.

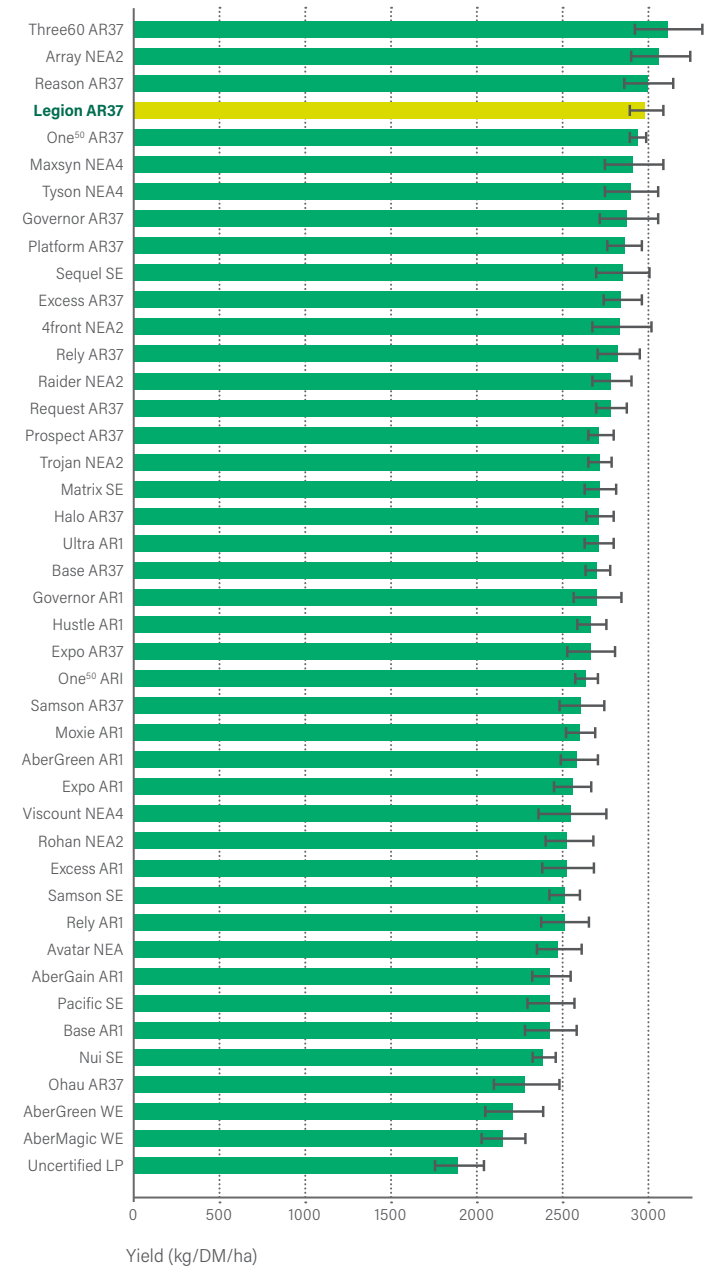
## Trial Results

For a very recent cultivar **Legion** already has a narrow statistical error bar providing confidence in **Legions** results. Agricom have invested in more trials so that confidence in the result can be increased over the coming years.

### NFVT Perennial Ryegrass All New Zealand | Total Yield | 2022-2023



### NFVT Perennial Ryegrass All New Zealand | Autumn Yield | 2022-2023

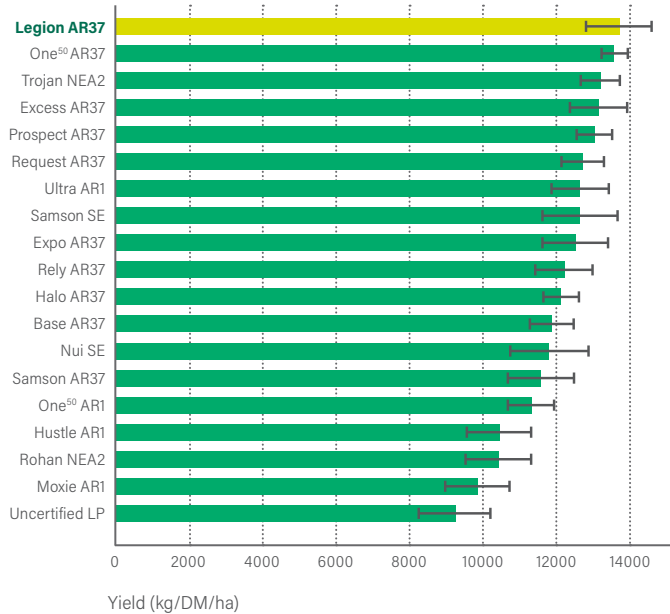


## Performance summary

**Legion** completed three NZPBRA trials in the upper North Island making it the most modern ryegrass to have this level of confidence in this region.

Winter growth	Early spring growth	Late spring growth	Summer growth	Autumn growth
Very high in all regions.	Above average. Tends to be stronger in cooler climates where total yields are smaller. Good in warmer climates but others are stronger.	Industry average for all regions.	Very high across all regions.	Very high across all regions.

### NFVT Perennial Ryegrass Upper North Island | Total Yield | 2022-2023



### NFVT Perennial Ryegrass Upper North Island | Autumn | 2022-2023



It requires three, 3-year trials in the region to qualify for the regional summaries. For the complete NFVT trials and the most up-to-date results go to [nzpbra.org](http://nzpbra.org).



## Example Mixes Include:

### SHEEP AND BEEF

**Legion** can be used in general sheep and beef pastures and has excellent density for periods of set stocking and winter grazing. It has a good spring growth habit while maintaining low aftermath seeding in summer, helping with pasture quality through summer into autumn for mating. **Legion** with **AR37** endophyte is not suitable for deer or horse pastures, however, **Legion AR1** should be considered.

<b>Legion AR37 or AR1</b>	18 kg/ha
Attribute white clover	3 kg/ha
Nomad white clover	2 kg/ha
Relish red clover	4 kg/ha
Ecotain® environmental plantain	2 kg/ha
<b>Total</b>	<b>29 kg/ha</b>

### DAIRY

**Legion AR37** is a high performance grass that is highly suited to dairy pastures and runoffs. The strengths of autumn and winter production helps with pasture cover at these critical times and its summer leafiness and lack of aftermath seed head makes it ideal for summer production.

<b>Legion AR37</b>	20 kg/ha
Brace white clover	3 kg/ha
Attribute white clover	2 kg/ha
<b>Total</b>	<b>25 kg/ha</b>