

Agrinote



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Background

Halo AR37 was bred by combining the best tetraploid perennial genetics, the majority originating from north-west Spain. At the forefront of the selection criteria, along with increased productivity, was increased disease tolerance, improved re-growth potential and reduced after-math seed head production. This provides **Halo AR37** with very strong winter growth, heat tolerance, summer production and quality, and persistence.

Halo AR37 is a very late heading tetraploid perennial ryegrass with medium leaf size and tiller density contributing to its summer quality and exceptional growth. The management of seed head over this period is easier due to the increased vegetative growth combined with the high quality of a tetraploid ryegrass.

Halo AR37 is unique as it is the first tetraploid perennial ryegrass with **AR37** to be released to the market. The addition of **AR37** endophyte means that farmers can maximise animal productivity and pasture persistency with the increased protection from many insects; especially black beetle, porina and root aphid.

Characteristics

Perenniality	Leaf Size	Flowering Date	Suggested Sowing Rate (kg/ha)
100% Perennial	Medium	Very Late (+25)	Pure sward 25-30

Rust Tolerance	Endophyte	Ploidy
High	AR37	Tetraploid

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Key Features

- ✓ Very late-heading date and tetraploid for optimum feed quality
- ✓ Perennial ryegrass
- ✓ Available with **AR37** novel endophyte for persistence and pasture production advantages
- ✓ Increased tiller density
- ✓ Strong year-round growth

Uses

Halo AR37 is ideally suited to stock finishing and dairying systems in fertile environments, due to its increased summer production and quality. **Halo AR37** is also suited to areas where other tetraploids do not persist due to high insect pressure.

With **Halo AR37** being a tetraploid and very late flowering, its summer quality is excellent, it is likely to improve liveweight gain on finishing operations, and milk production on dairy farms.

It is adapted to most New Zealand environments, especially those with medium to high fertility, periodic summer moisture or irrigation, and good grazing management.

As with any tetraploid ryegrass, it is more likely to thin out following periods of severe drought, or from over-grazing, or a lack of fertiliser.

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Suggested Mix

Halo AR37 tetraploid perennial ryegrass	26 kg/ha
Emerald white clover (bare seed)	2
Tribute white clover (bare seed)	2
Sensation red clover (bare seed)	4
Choice chicory (bare seed)	2
Tonic plantain (bare seed)	1
Total	37 kg/ha

Because the endophyte in seed does not protect against insect feeding for approximately six weeks after sowing, it is recommended to treat your seed with products such as Superstrike or Ultrastrike where insects are likely to be present. Superstrike and Ultrastrike will protect seedlings from insects such as black beetle and Argentine stem weevil while seedlings are still in the vulnerable establishment period.