

# Information & Performance Guide

## AN ALL-SEASON, VERSATILE RYEGRASS

Midway is a diploid, mid-flowering perennial ryegrass, that could fit across any pasture-based system in New Zealand, especially where early spring growth is required. A combination of high seasonal dry matter production and tiller density, excellent rust tolerance and selection for spring/summer quality through reduced aftermath seed heading makes Midway an option for those farmers looking for an all-purpose grass with resilience and longevity. As the name suggests, Midway is a traditional mid-flowering ryegrass which will add value to farmers who are looking for that early spring feed prior to and post lambing and calving but also strong pasture growth in the following seasons.

- Strong, year-round dry matter production
- Mid-season heading (Mid +3)
- Strong persistence (AR37)
- Selected for low aftermath heading
- Strong rust tolerance

### Farm type



### Sowing rate



STANDARD SOWING RATE  
**15-25 kg/ha**

UNDERSOWING  
**12+ kg/ha**

### Heading date



**+3 days**

### Excellent pasture mixes

#### DAIRY PASTURE MIX

- Midway perennial ryegrass **21 kg/ha**
- Legacy white clover **2 kg/ha**
- Quartz white clover **2 kg/ha**

#### SHEEP AND BEEF PASTURE MIX

- Midway perennial ryegrass **21 kg/ha**
- Quartz white clover **2 kg/ha**
- Hilltop white clover **2 kg/ha**
- Amigain red clover **4 kg/ha**
- Puna II chicory **1 kg/ha**

*For increased animal performance, nitrogen fixation and pasture management, add Amigain red clover to pasture mixes at 4-6 kg/ha.*

# Key benefits

## DRY MATTER PRODUCTION

Midway is a mid-season flowering ryegrass that has not only strong cool season growth but has significantly improved dry matter production in the summer/autumn period.

**Average seasonal and annual dry matter production of perennial ryegrass relative to trial mean (100), sown 2022 at Kimihia Research Centre, Lincoln (two years).**

Entry	Winter	Early Spring	Late Spring	Summer	Autumn	Total
Midway AR37	107	103	97	109	125	107
Platform AR37	103	96	105	109	92	101
Expo AR37	99	98	103	94	87	97
Rely AR37	91	102	95	88	96	95
Trial Mean (kg DM/ha)	2,116	2,916	4,831	3,017	2,338	15,244
LSD 5%	7	6	8	12	10	7

**Seasonal and annual dry matter production of perennial ryegrass relative to trial mean (100), sown 2022 at Taihape (one year).**

Entry	Winter	Early Spring	Late Spring	Summer	Autumn	Total
Midway AR37	119	100	99	108	112	105
Platform AR37	111	101	108	102	98	103
Expo AR37	83	97	100	95	95	97
Rely AR37	87	102	93	94	95	95
Trial Mean (kg DM/ha)	988	2,912	2,977	3,627	3,245	13,601
LSD 5%	17	14	16	7	9	6

## GRAZING MANAGEMENT

Midway perennial ryegrass will suit set stocking and rotational grazing situations. To help with longevity avoid hard grazing during periods of stress (e.g. droughts, low soil fertility and insect attack).

### DISCLAIMER:

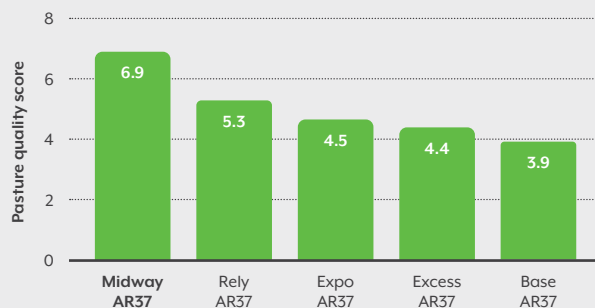
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## SUMMER PASTURE QUALITY SCORES

Midway has shown reduced aftermath seeding, this is the seed head produced after the main seeding period. Relative to other diploid perennial ryegrass cultivars, the reduced aftermath heading of Midway means more leaf and summer/autumn quality.

**Average aftermath seed head scores taken from two measurement on the 8th March 2023 and 18th March 2024 from the 2022 sown trial at Kimihia Research, Lincoln.**

1-9 scale: 9 = no seed heads; 1 = 100% seed head.



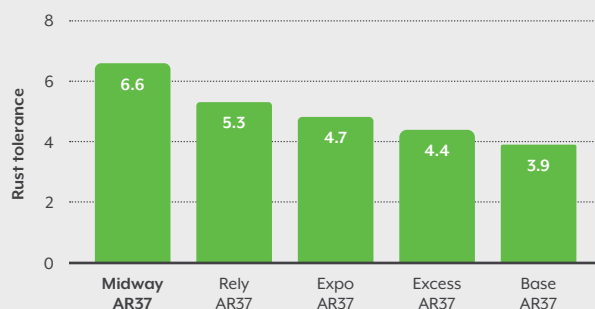
LSD(5%) = 0.6 Differences between cultivars must exceed the LSD to be significantly different

## RUST TOLERANCE

Midway has very good rust tolerance for both Crown and Stem rust.

**Average rust tolerance scores taken from two measurements on the 8th March 2023 and 18th March 2024 from the 2022 sown trial at Kimihia Research, Lincoln.**

1-9 scale: 9 = no rust; 1 = fully rusty.



LSD(5%) = 0.8 Differences between cultivars must exceed the LSD to be significantly different