

Information & Performance Guide

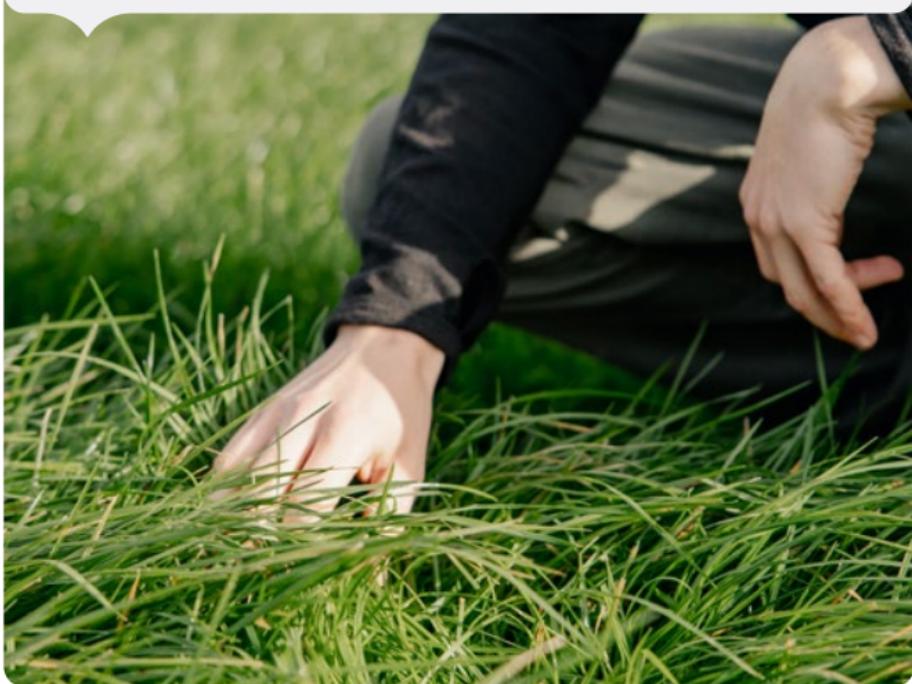


THE RULE BREAKING RYEGRASS

Vast is the next generation in tetraploid perennial ryegrass breeding delivering the ultimate combination of density, quality, production and grazing preference for New Zealand farmers to maximise stock performance and productivity.

With an extremely late (+36 days) heading date, Vast offers the latest perennial ryegrass heading date on the market. Low seed head production after the initial seeding period, in combination with a very late flowering date, means Vast will provide high quality feed across the majority of the growing season.

- Strong annual production with exceptional summer and autumn productivity
- Extremely late heading date (+36 days) boosting late seasonal pasture quality
- Diploid-level tiller density to enhance persistence
- Tetraploid grazing preference to drive animal intakes
- Excellent rust tolerance to improve summer and autumn palatability



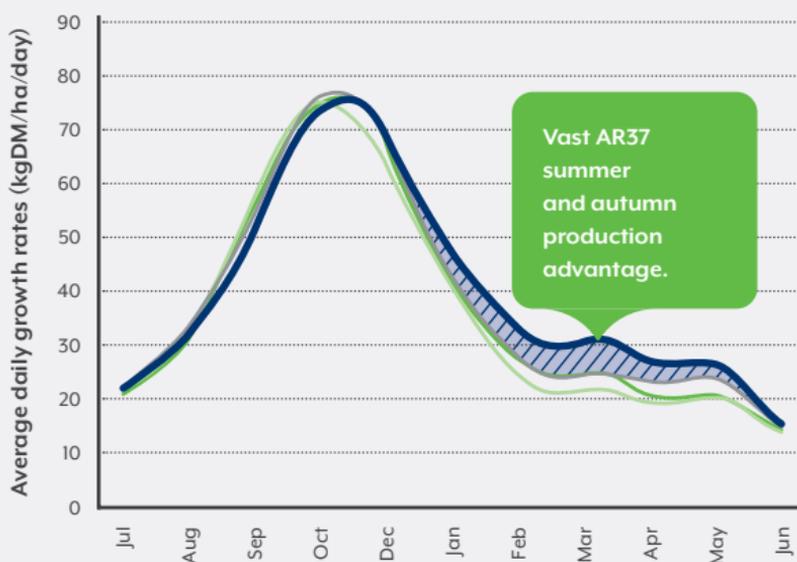
Dry matter production

Vast provides strong annual production with exceptionally strong summer and autumn production advantages. In spring calving dairy systems, production of quality late season feed is ideal for slowing the post peak decline in milk production.

Sheep and beef systems will also benefit from exceptional summer and autumn production. Vast's feed profile is ideal for beef, lamb finishing and providing feed during ewe flushing and mating.

Average daily growth rates of perennial ryegrass cultivars across four trials in Canterbury (2) and Waikato (2)

— Base AR37 (+22) — Expo AR37 (+21) — Vast AR37 (+36) — Platform AR37 (+12)

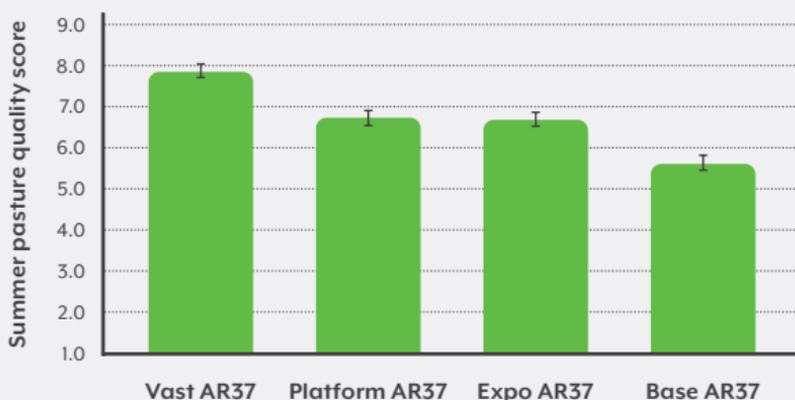


Data is the combined mean of 4 three year trials completed in Canterbury (2) and Waikato (2). The value in brackets beside each cultivar name is the cultivar's heading date relative to Nui.

Key benefits

Summer pasture quality score

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



Combined averages from 4 trials in Canterbury (2) and Waikato (2).

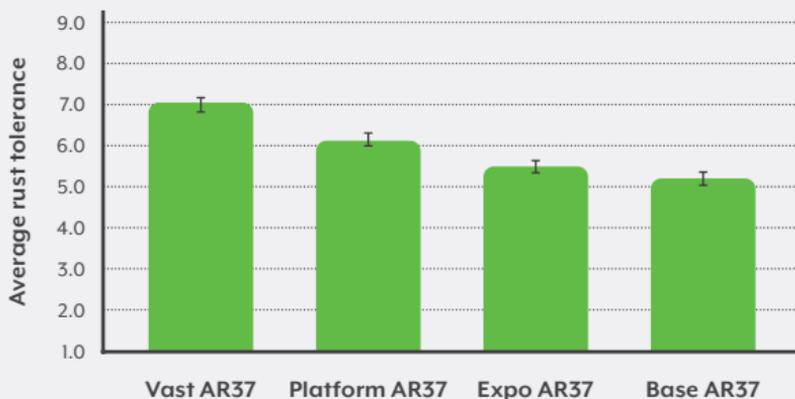
LSD (5%) = 0.42. Differences between cultivars must exceed the LSD to be statistically different.

Across four trials, Vast scored the highest for summer pasture quality producing extremely low levels of seed head through the summer months. Lower seed head production means higher pasture quality and improved animal performance.

Grazing Method: Rotational Grazed – Long Term

Rust tolerance

Rust tolerance 1-9 scale. 1 = 100% rust infection, 9 = no rust



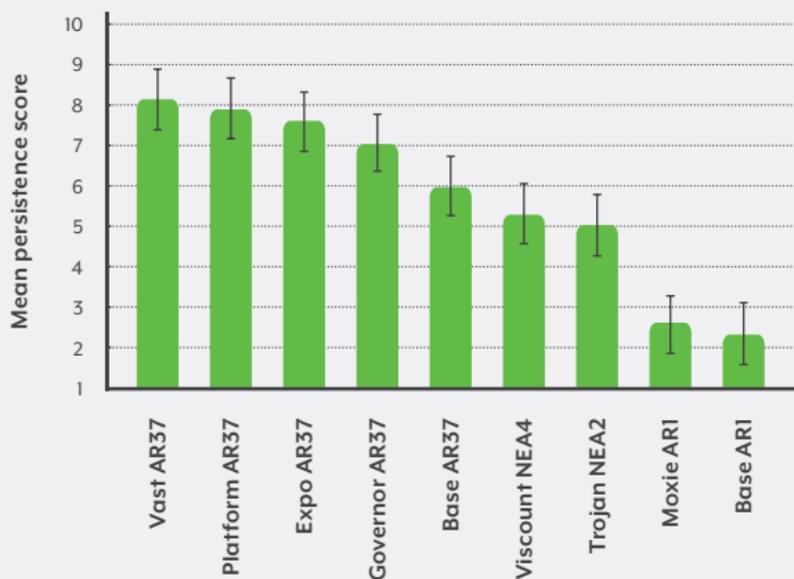
Combined averages from 4 trials in Canterbury (2) and Waikato (2).

LSD (5%) = 0.56. Differences between cultivars must exceed the LSD to be statistically different.

Key benefits

Persistence of perennial ryegrass cultivars

Persistence scale 1-10. 1 = no remaining plants, 10 = 100% remaining plants



Averages from a replicated cut and grazed trial in the Waikato 2018-2021.

LSD (5%) = 1.54. Differences between cultivars must exceed the LSD to be statistically different.



Testimonials



Ross Laing

Northern Waikato

The extremely late heading date and low aftermath heading have really been a game changer. When everything else has gone to seed, Vast is still pushing high-quality vegetative pastures further into summer. Vast really does just what the brochure said it would.

Darren McNabb

Northern South Island

I tried some pre-commercial Vast demo packs and I've been so impressed I haven't looked back! I've currently got ewes lambing on it and it's been ticking away beautifully. It was drilled quite late, but it's still been very consistent.



Testimonials



Tony Coltman

Central South Island

Having different tetraploids with different dates gives us more time to stay on top of things and maintain quality. The late heading date of Vast has been a great addition. I've been particularly impressed with the low aftermath heading of Vast – it was the only paddock that didn't need a portion of the paddock topped.

Will Lindsay

Southern South Island

I've been really impressed with feed quality of Vast – I haven't had to top the paddock yet. It's held its quality over the summer and has impressive clover content within the sward.



Other publications

PGG Wrightson Seeds has developed a number of other publications to assist you on your farm. The following publications are available:



To get a copy of one of these publications **visit our website** or email: info@pggwrightsonseeds.co.nz with your details.

DISCLAIMER: PGG Wrightson Seeds Ltd (PGW Seeds) provides no assurance, guarantee, representation or warranty in relation to any advice, information, service, seed, endophyte, product or treatment (together Material) other than those that must be provided by law. To the extent permitted by law PGW Seeds excludes or limits liability (including for indirect and consequential loss) on any basis (including in negligence and under any enactment) from or in relation to the Material and any remaining liability shall not exceed twice the amount received by it in relation to the Material.

©PGG Wrightson Seeds Ltd