Grasslands® **Mohaka** Tetraploid Hybrid Ryegrass

Agrinote

AR128 grasslanz endophyte AR1 grasslanz endophyte

Dense, high quality hybrid ryegrass.

Mohaka is a broader leaved, well tillered hybrid suited to 2-4 + year pastures. **Mohaka** is ideal for undersowing into run-out pastures, with AR128 endophyte offering increased protection against insect attack and providing improved persistence compared to Italian ryegrass options.

- Broader leaved, well tillered tetraploid hybrid suited to 2-4 + year pastures
- Ideal for undersowing programmes
- Proven in 2-4 + year pasture rotations
- Perfect for short term finishing pastures, run-off pastures, supplementary systems

Characteristics

Ploidy	Perenniality	Heading Date	Suggested sowing rate	Endophyte	Rust Tolerance	Aftermath heading
Tetraploid	Hybrid	Late (+20*)	22-25 kg/ha	AR128 & AR1	Very high	Low aftermath heading in comparison to other cultivars of a similar type

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

Background

Mohaka has been bred from a range of existing hybrid ryegrass germplasm. It appears to be performing at what would be expected of a 60%:40% perennial:Italian hybrid type.

Heading date comparisons

Mohaka has a + 20 heading date vs Nui* at 0 days. In Agricom's portfolio **Mohaka** is 12 days later than Ohau tetraploid ryegrass and has a similar heading date to Three^{60} (+20) diploid perennial ryegrass and Align (+39) tetraploid perennial ryegrass.

Mohaka's late heading date means that under general farm management it will maintain quality leafy pasture into late November. This is also an excellent heading time for making high quality silage, something that **Mohaka** is well suited to.

3rd April 2019 at Ruakura trial site - **Mohaka AR37** centre foreground, surrounded by Italian and hybrid ryegrasses many of which had endophytes.

Mohaka AR37 in the Hauraki Plains.

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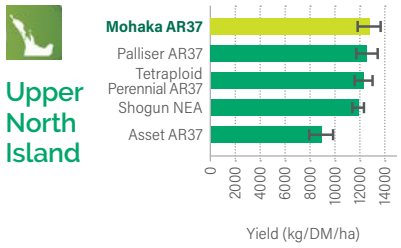
Production

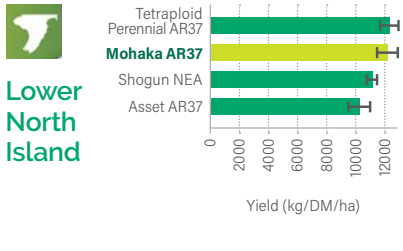
Mohaka is a high yielding hybrid ryegrass that offers improved cool season growth (see graphs below) and earlier production compared to its predecessor, Ohau. It also performs strongly in summer and autumn especially under Argentine stem weevil pressure, as demonstrated in Waikato trials during the summers of 2018 and 2019 (refer to image on the previous page).

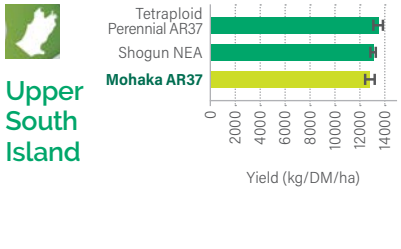
Winter	Early spring	Late spring	Summer	Autumn
High	Above average	Industry average	High, particularly where AR128 provides Argentine stem weevil larvae tolerance	High, particularly where AR128 provides Argentine stem weevil larvae tolerance

NFVT | Hybrid Ryegrass Summary | 2026-2027

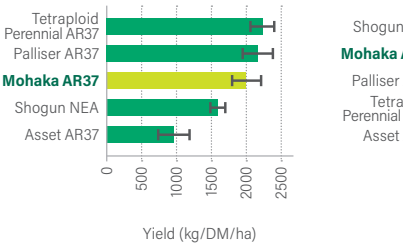
Total Yield

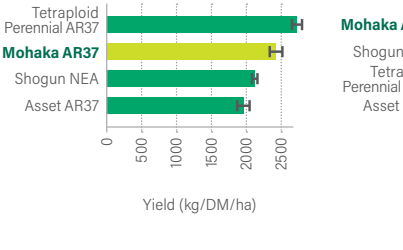


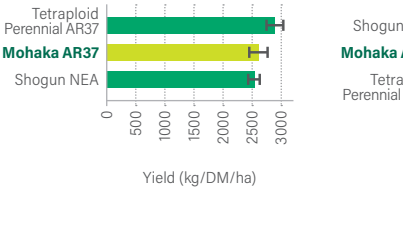




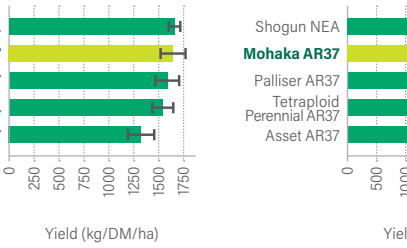
Autumn Yield

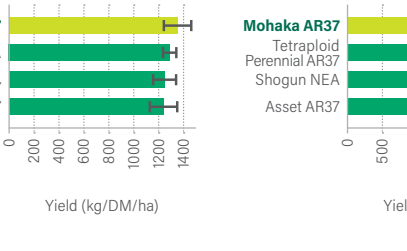


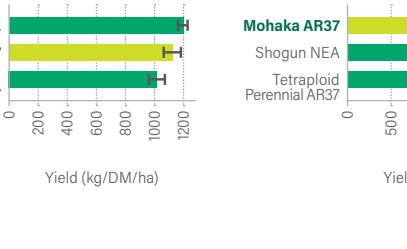




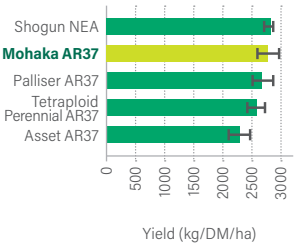
Winter Yield

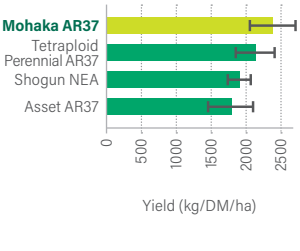


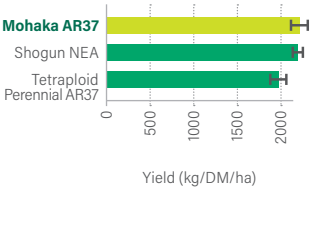




Early Spring Yield







Upper North Island

Lower North Island

Upper South Island

AGRICOM Pastures for Profit®

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Example mixes include:

SHEEP AND BEEF

Mohaka can be used as a short to medium term pasture for sheep and beef finishing. For a tetraploid hybrid pasture it has good density for short 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 and into autumn for mating.

Mohaka AR128 or **AR1** perennial ryegrass*	22-25 kg/ha
Attribute white clover	4 kg/ha
Relish red clover	4 kg/ha
Choice chicory	2 kg/ha
Total	**32-35 kg/ha**

DAIRY SHORT TERM PASTURE

Mohaka has very strong spring production which makes it ideal for early spring pastures or part of a 3-4 year rotation in a run-off situation where silage production is a high priority.

Mohaka AR128 or **AR1** perennial ryegrass*	22-25 kg/ha
Brace white clover	3 kg/ha
Attribute white clover	2 kg/ha
Total	**27-30 kg/ha**

UNDERSOWING OPTION

Extending the life of a damaged or degraded pasture with a quality tetraploid hybrid ryegrass with AR128 endophyte.

Mohaka AR128 or **AR1** perennial ryegrass*	18 kg/ha
Ecotain® environmental plantain	3 kg/ha
Total	**21 kg/ha**

This isn't your typical speed dating event but a unique podcast where you get to meet one of Agricom's forage products.

Discover its attributes, understand its benefits, and see how it fits into your farm system. Join our forage relationship expert, Allister Moorhead and professional matchmaker, Glenn Judson. As they lead you through this exciting journey!

SCAN ME

or visit www.agricom.co.nz/podcast/seed-dating/mohaka-hybrid-ryegrass

*It is not advisable to mix **AR128** and **AR1** varieties. **AR1** is not recommended for areas where black beetle, porina or root aphid are common problem pests. Grass seed should be **Superstrike®** treated where Argentine stem weevil, black beetle or grass grub are a risk to seedlings. **AR128** is only recommended for sheep, beef, and dairy.

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