



# Agrinote



- A new high performance late heading (+20) tetraploid hybrid ryegrass.
- Improved early growth and cool season activity over the long rotation tetraploid Ohau.
- **Mohaka** is a broad leaved, well tillered hybrid suited to 2-4 year pastures.
- **Mohaka** is ideal for short term finishing pastures, runoff pastures and supplementary systems along with undersowing programmes.
- **Mohaka** has been bred with the endophyte AR37.

## Characteristics

Perenniality	Heading Date	Endophyte	Rust Tolerance	Aftermath Heading
Tetraploid hybrid ryegrass	20 day heading date*	AR37 (AR1 will be available in 2021)	Excellent	Low aftermath heading in comparison to other cultivars of a similar type

## Heading date comparisons

**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.

**Mohaka** has a +20 day 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 ONE<sup>50</sup> (+20) diploid perennial ryegrass and Halo (+25) 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.

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

## Drymatter production

**Mohaka** is a high producing hybrid which has improved early production over Ohau. **Mohaka** is a strong producer in summer and autumn. This has been noted especially when Argentine stem weevil have been present in trials, as seen in the Waikato over the 2018 and 2019 summers (see photo).

Winter growth	Early spring growth	Late spring growth	Summer growth	Autumn growth
High in all regions	Above average	Industry average	High, particularly where AR37 provides Argentine stem weevil larvae tolerance	High, particularly where AR37 provides Argentine stem weevil larvae tolerance

## 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** with **AR37** endophyte is not suitable for deer or horse systems. **Mohaka AR1** will be released in the future.

<b>Mohaka AR37</b>	24 kg/ha
Tribute white clover	4 kg/ha
Relish red clover	4 kg/ha
Choice chicory	2 kg/ha
<b>Total</b>	<b>34 kg/ha</b>

### DAIRY

**Mohaka AR37** is a high performance hybrid ryegrass and is highly suited to dairy runoff and supplementary feed pastures. The strengths of autumn and winter production helps with pasture cover at these critical times and its summer leafiness and low aftermath seed head makes **Mohaka** an ideal variety to maintain high quality summer silage production.

<b>Mohaka AR37</b>	24 kg/ha
Mainstay white clover	4 kg/ha
Relish red clover	4 kg/ha
<b>Total</b>	<b>32 kg/ha</b>

### DAIRY UNDERSOWING

Extending the life of a damaged or degraded pasture with a quality tetraploid hybrid ryegrass with **AR37** endophyte.

<b>Mohaka AR37</b>	16 kg/ha
Ecotain <sup>®</sup> environmental plantain	4 kg/ha
<b>Total</b>	<b>20 kg/ha</b>



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