

**Three<sup>60</sup>** is a late heading diploid perennial ryegrass of medium to fine tiller size. It has a very similar heading date to the highly popular ONE<sup>50</sup> and this is what makes **Three<sup>60</sup>** so interesting.

- Very high annual dry matter production
- Excellent spring quality and summer leafiness
- Outstanding use of summer irrigation or natural rainfall
- Crown rust tolerance

## Characteristics

Ploidy	Perenniality	Heading Date	Endophyte	Rust Tolerance
Diploid	Perennial	Late (+20*)	AR37 & AR1	Excellent

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

## Genetic Background

**Three<sup>60</sup>** was the result of a cross created from three family groups that had been screened and selected over many years for their performance in Kerikeri (Northland), Ruakura (Waikato), Palmerston North (Manawatu) and Lincoln (Canterbury). This broad selection process has created a perennial ryegrass that is highly resilient. **Three<sup>60</sup>** like ONE<sup>50</sup> before it has demonstrated a staygreen habit through dry summer conditions and this is particularly noticeable in the hot northern areas of New Zealand, where **Three<sup>60</sup>** has a very visual tolerance to hot and dry summer conditions. A significant forage trait of **Three<sup>60</sup>** is that it is a highly vegetative cultivar that with regular grazing produces minimal seed heads, making late spring and summer pasture management an easy process.

## Key Tips

**Ideally hard grazing in late November - December (regardless of seed head presence) to maximise January and February quality.**

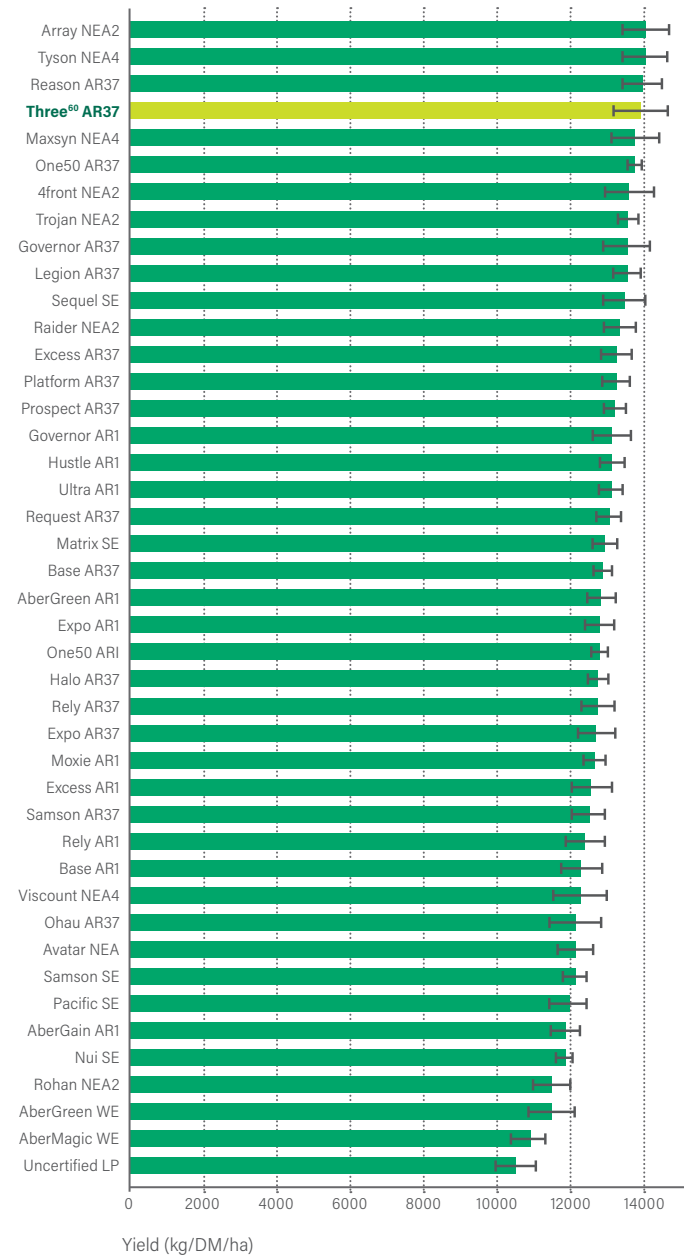
Consider including Relish red clover to increase typical clover content, as Relish is more competitive and productive over time.

**Three<sup>60</sup> benefits from late autumn nitrogen as it helps maintain its strong winter activity and assists with early spring vigour.**

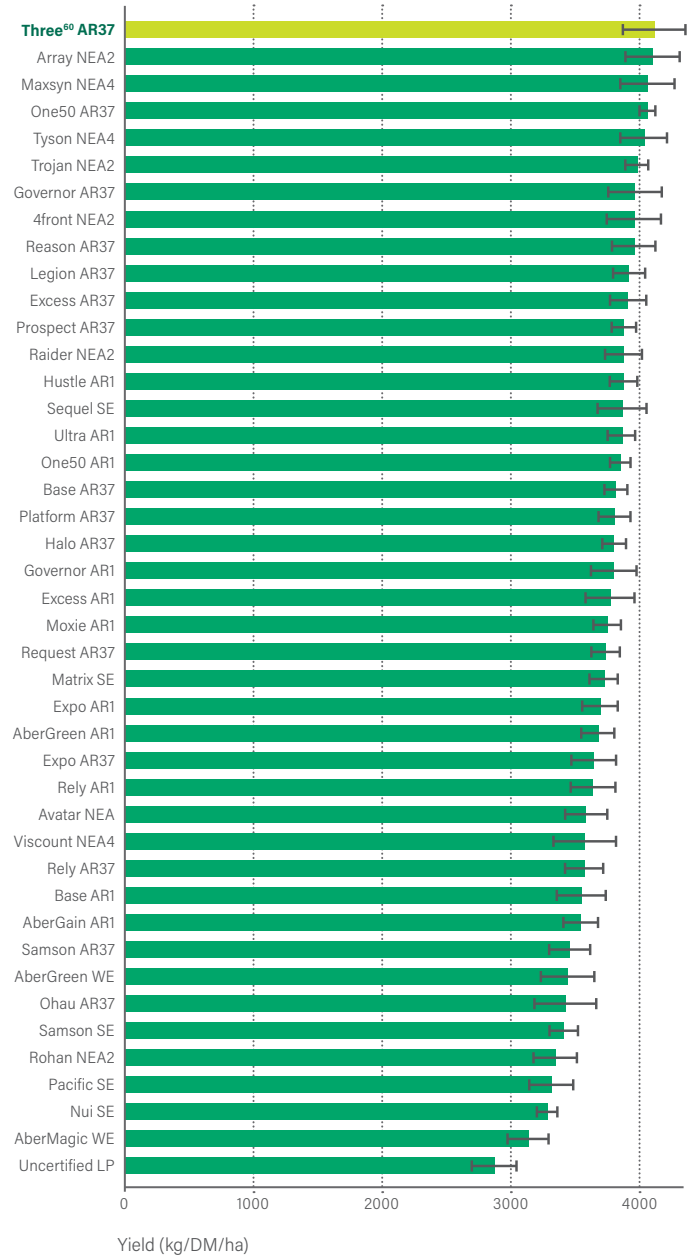


Product Development Manager, Allister Moorhead, standing in the first paddock of **Three<sup>60</sup>**.

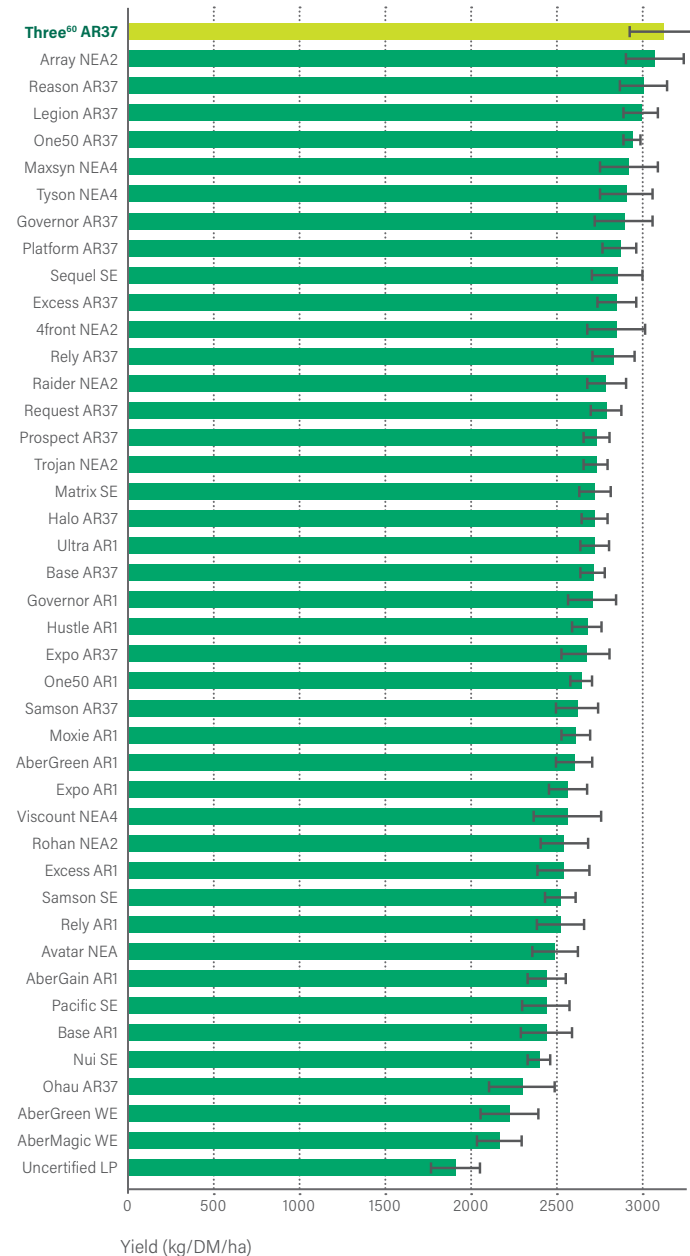
## NFVT Perennial Ryegrass All New Zealand | Total Yield | 2022-2023



## NFVT Perennial Ryegrass All New Zealand | Summer Yield | 2022-2023



## Perennial Ryegrass All New Zealand | Autumn | 2022-2023



## Performance Data

**Three<sup>60</sup>** has demonstrated excellent persistence in the Waikato in very difficult conditions and also has shown high tolerance to crown rust during periods of stress.

Another significant performance trait is that **Three<sup>60</sup>** is a highly vegetative cultivar that exhibits very little seed development in a grazed system, making it an ideal cultivar for easy spring and summer pasture management.

While **Three<sup>60</sup>** is a new grass that has excellent data to support it from these initial trials, Agricom has continued to invest in further NZPBRA National Forage Variety Trials (NFVT) with **Three<sup>60</sup>** AR37 being entered in a further 9 NFVT's still to be completed.

## Example Mixes Include:

### DAIRY PASTURE MIX

**Three<sup>60</sup>** is perfect for dairy production due to its outstanding summer, autumn and winter growth, quality and persistence.

Three <sup>60</sup> AR37	20 kg/ha
Brace white clover	3 kg/ha
Attribute white clover	2 kg/ha
<b>Total</b>	<b>25 kg/ha</b>

### DAIRY SUPPORT & BEEF FINISHING MIX

**Three<sup>60</sup>** is an ideal ryegrass for summer silage and autumn saved feed. While its late heading in spring helps maintain silage quality for longer.

Three <sup>60</sup> AR37	18 kg/ha
Brace white clover	3 kg/ha
Attribute white clover	2 kg/ha
Relish red clover	4 kg/ha
Ecotain® environmental plantain	2 kg/ha
<b>Total</b>	<b>29 kg/ha</b>