

The logo for Shogun NEA, featuring the word "Shogun" in a bold, yellow, sans-serif font, followed by "NEA" in a smaller, white, sans-serif font inside a yellow circle.

# Hybrid ryegrass

Pasture grasses



650mm+



4.8–8.0



Most soil types



PBR

Shogun is a late flowering tetraploid long rotation (perennial type hybrid) ryegrass bred from a cross between Bealey and an elite Italian ryegrass that contains the NEA endophyte. It has excellent establishment, autumn, late spring and summer production and very good winter and early spring growth for a perennial type hybrid ryegrass. The NEA endophyte contributes to its ability to persist under harsh conditions resulting in a reliable 3–4 years of production under normal conditions.

Shogun will fit into high production dairy and lamb finishing systems as a medium term, high producing late season pasture. It should reliably last for 3–4 years and has strong establishment making it an ideal option for over-sowing run down perennial pastures. It will also have a place in New South Wales regions where perennial ryegrass will only persist for two or three years, as it will produce higher yields over these short periods.

## Key features

- Late flowering tetraploid hybrid ryegrass (+26 days, Bealey +25)
- Very strong establishment vigour
- High autumn, winter, late spring and summer yields
- High total forage yields
- Improved persistence over other hybrid ryegrasses
- Good rust resistance
- NEA endophyte - safe for cattle and sheep, while providing improved insect resistance

## Key benefits

- Combines high winter growth and good summer production with quality
- Grow more home-grown feed per ha with Shogun high-performing ryegrass
- Ideal for oversowing into run-down perennial ryegrass stands to extend the pastures productive lifespan
- Faster to establish than perennial ryegrass

# Performance

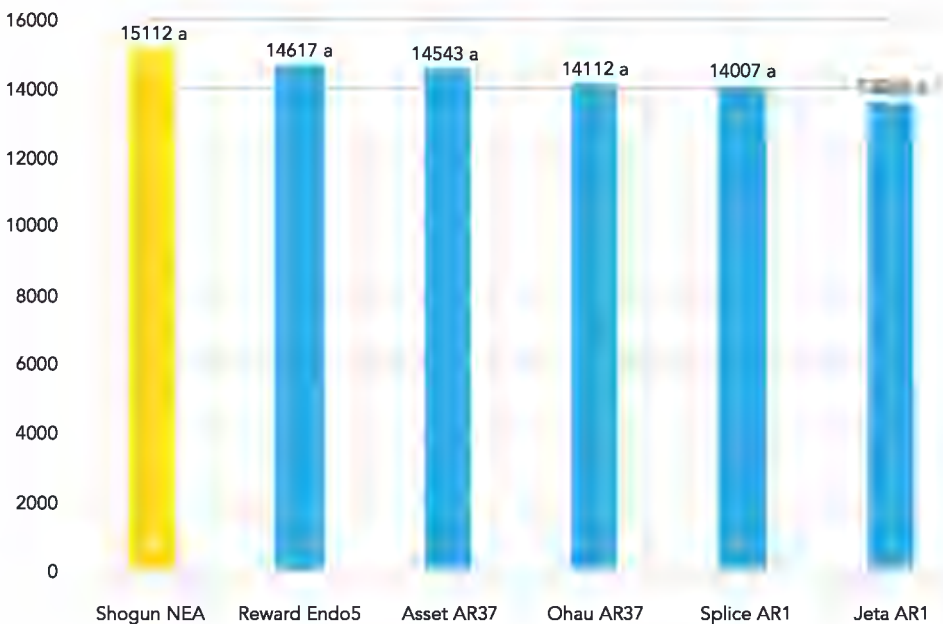
Shogun has strong establishment similar to an Italian ryegrass and well ahead of other hybrid ryegrasses, including Barberia in most cases. Autumn, late spring and summer growth is generally higher than both hybrid and Italian comparators and winter and early spring production is ahead of other hybrids with the exception of Barberia.

Shogun eclipses all other hybrids on the market for total forage yield and also winter-growth to deliver more-feed when you need it most.

Multisite analysis for 2015, 2016, 2017 & 2018 sown hybrid ryegrass trials at Howlong (NSW) and Lardner (VIC) combined. Yield expressed as % of mean.

Entry	Autumn	Winter	Early spring	Late spring	Summer	Total
<b>Shogun NEA2</b>	<b>108</b>	<b>119</b>	<b>102</b>	<b>105</b>	<b>105</b>	<b>107</b>
Reward Endo5	110	95	97	111	108	103
Asset AR37	101	116	99	99	100	103
Ohau AR37	121	90	102	101	101	100
Splice AR1	97	100	102	99	100	99
Jeta AR1	101	81	104	98	99	96
<b>Trial mean (kg DM/ha)</b>	<b>1,760</b>	<b>2,053</b>	<b>4,077</b>	<b>4,177</b>	<b>1,688</b>	<b>14,129</b>
LSD (5%)	15.9	12.1	9.0	8.7	16.9	11.5
%CV	11.2	8.6	6.5	6.2	12.0	8.2

Hybrid ryegrass trial 2015, 2016, 2017, 2018 annual forage yield (kg DM/ha) Lardner (VIC) and Howlong (NSW) combined.



**Grow with Confidence**

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