

**HIGH  
PERFORMING**  
FVI 2024\*

# Fuze

## Annual Ryegrass

Pasture grasses



500mm+



4.8–8.0



Most soil types



PBR

Fuze is the newest and highest performing diploid annual ryegrass from Barenbrug. Fuze offers farmers excellent winter growth as well as huge total pasture yields over the entire growing season. Fuze is suitable for grazing, hay or silage. Grow more home-grown feed with Fuze.

### Key features

- Diploid annual ryegrass
- Late flowering (+14 days to Tetila)
- Quick to first grazing
- High winter production
- Exceptional total pasture yield

### Key benefits

- Substantially more home-grown feed than older varieties such as Tetila (10–15% higher yielding)
- Improved winter growth for feed when you need it most
- Holds quality for longer, Fuze gives the opportunity for later hay/silage and makes the most of late season rain or irrigation
- Diploid quality – finer stems and leaves compared with most tetraploid varieties for quicker dry-down times and greater tiller density

## Agronomy and management

**Sowing rate:** For best results sow Fuze at 20–30 kg/ha into a clean, weed-free seed-bed with adequate soil fertility.

**Sowing depth:** Ryegrass can be sown at 5–20mm, however if sowing in a mix with clover, try to keep the sowing depth within 5–10mm.

**Fertiliser:** For best performance, soil fertility and acidity problems should be amended prior to sowing. It is usually best to plant ryegrass with 60–100 kg/ha of MAP or DAP at sowing to provide some starter phosphorus and nitrogen.

**Weeds:** Ideally, reducing the weed burden of a paddock should commence in the season prior to sowing by reducing the seed-set of annual weeds with either a herbicide control or silage. Additionally a knock-down herbicide (such as glyphosate) is the best applied prior to sowing if weeds are present.

**Grazing:** Ensure the first grazing doesn't take place until the plants are sufficiently anchored. Use your hand to pull on the plants at grazing height, if the plants remain in the ground, then grazing can commence. Ideally, ryegrass should be rotationally grazed for optimal growth. To do this, graze at the 2.5–3 leaf stage, then let the plants rest again to the 2.5–3 leaf stage to recharge the carbohydrate levels to enable better growth rates.

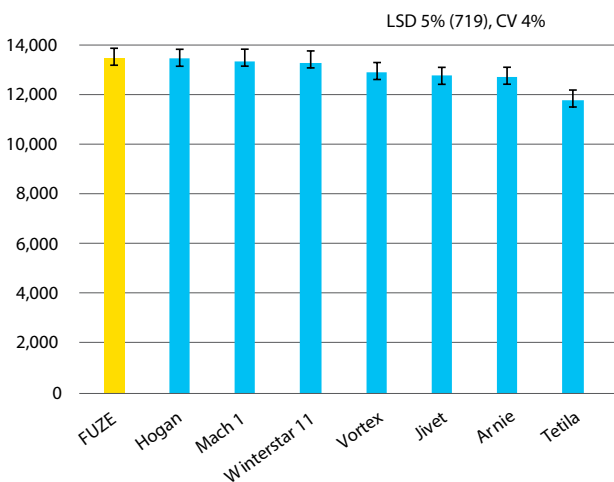
\*#1 Ranked Diploid Annual Ryegrass in the February 2024 Dairy Australia Forage Value Index (FVI)

# Performance

Fuze has been extensively performance tested throughout Barenbrug trial site network and has shown consistently high performance. Fuze is the highest performing annual ryegrass for total yield for the combined multi-year, multi-site trial analysis.

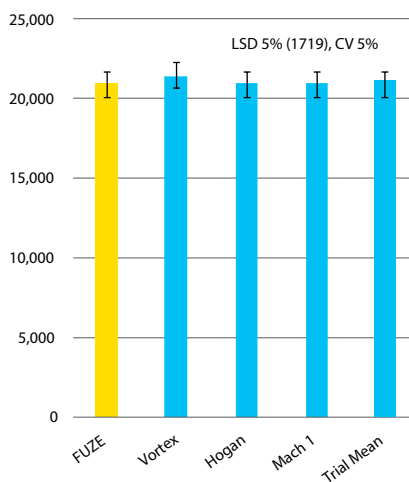
## Southern Trial Performance

Combined Howlong (NSW) and Lardner (VIC) multi-site annual ryegrass trial results for total yield (kg DM/ha) 2013–2018.



## Northern Trial Performance

Gatton (QLD) annual ryegrass trial results for total yield (kg DM/ha) 2013–2016 and 2018.



## Combined Howlong (NSW) and Lardner (VIC) multi-site annual ryegrass trial results (kg DM/ha) 2013–2018

	Establishment Yield (kg DM/ha)		Winter Yield (kg DM/ha)		Early Spring Yield (kg DM/ha)		Late Spring Yield (kg DM/ha)		Total Yield (kg DM/ha)	
	%	Letter	%	Letter	%	Letter	%	Letter	%	Letter
<b>FUZE</b>	<b>100%</b>	<b>cd</b>	<b>107%</b>	<b>a</b>	<b>102%</b>	<b>ab</b>	<b>110%</b>	<b>ab</b>	<b>105%</b>	<b>ab</b>
Hogan	112%	a	102%	bc	99%	bc	111%	ab	105%	ab
Mach 1	97%	d	101%	c	101%	bc	108%	b	104%	bc
Winterstar II	98%	cd	99%	cd	100%	bc	107%	b	103%	bc
Vortex	103%	bd	106%	ab	100%	bc	98%	d	101%	cd
Jivet	98%	cd	95%	d	101%	bc	102%	c	100%	d
Arnie	98%	cd	101%	c	98%	c	99%	cd	99%	d
Tetila	107%	ab	107%	a	92%	d	77%	e	92%	e
<b>Trial Mean</b>	<b>696</b>		<b>2,632</b>		<b>5,178</b>		<b>4,196</b>		<b>12,809</b>	
LSD (5%)	103		214		320		380		719	
%CV	11		6		4		6		4	

## Gatton (QLD) multi-year annual ryegrass trial results (kg DM/ha) 2013–2016 and 2018

	Establishment Yield (kg DM/ha)		Winter Yield (kg DM/ha)		Early Spring Yield (kg DM/ha)		Late Spring Yield (kg DM/ha)		Total Yield (kg DM/ha)	
	%	Letter	%	Letter	%	Letter	%	Letter	%	Letter
<b>FUZE</b>	<b>99%</b>	<b>b</b>	<b>99%</b>	<b>ac</b>	<b>102%</b>	<b>ab</b>	<b>106%</b>	<b>a</b>	<b>100%</b>	<b>a</b>
Vortex	107%	ab	105%	a	97%	bc	99%	ab	102%	a
Hogan	111%	a	100%	ac	99%	ac	96%	ab	100%	a
Mach 1	98%	b	96%	bc	100%	ac	102%	ab	99%	ab
<b>Trial Mean</b>	<b>1,711</b>		<b>5,463</b>		<b>8,723</b>		<b>5,459</b>		<b>20,915</b>	
LSD (5%)	458		586		881		804		1637	
%CV	16		7		6		9		5	

Grow with Confidence



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