

# FUZE

## ANNUAL RYEGRASS



500mm+



4.8–8.0



Most Soil Types



PBR

### DESCRIPTION

FUZE (LM581) is the newest and highest performing diploid annual ryegrass from Heritage Seeds. 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
- Exception total pasture yield.

Fuze can deliver farmers:

- 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.



### VARIETY MANAGEMENT / AGRONOMY

**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.

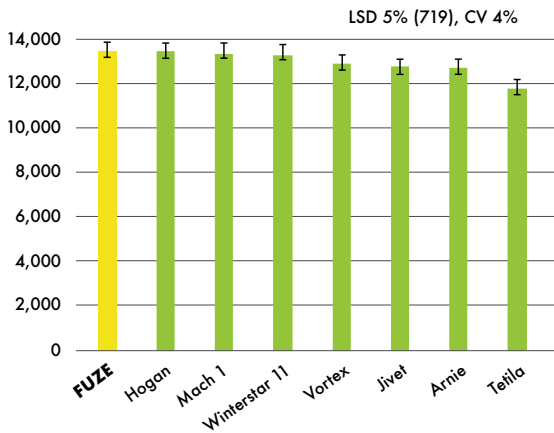
**Grazing:** Ensure the first grazing doesn't take place until the plants are sufficiently anchored. Use your hand to pull on the plants at grazing height, if the plants remain in the ground, then grazing can commence. Ideally, ryegrass should be rotationally grazed for optimal growth. To do this, graze 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.

# PERFORMANCE

Fuze has been extensively performance tested throughout Heritage Seeds 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.

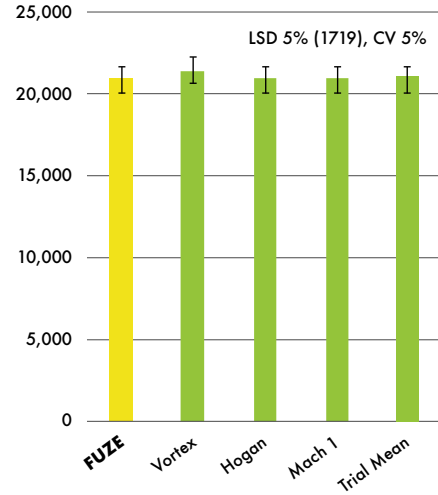
## Southern Trial Performance

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.



	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)	
FUZE	100%	bd	107%	a	102%	ce	110%	ac	105%	bc
Hogan	112%	a	102%	ac	99%	ef	111%	bc	105%	bc
Mach 1	97%	cd	101%	bd	101%	df	108%	c	104%	cd
Winterstar II	98%	cd	99%	ab	100%	ef	107%	c	103%	cd
Vortex	103%	bc	106%	a	100%	ef	98%	d	101%	de
Jivet	98%	cd	95%	ac	101%	fg	102%	cd	100%	e
Arnie	98%	ce	101%	cd	98%	fg	99%	bc	99%	e
Tetila	107%	bd	107%	bd	92%	fg	77%	d	92%	f
Trial Mean	696	bd	2,632	cd	5,178	df	4,196	d	12,809	
LSD (5%)	103	a	214	a	320	ac	380	e	719	cd
%CV	11	bc	6	a	4	g	6	e	4	d

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)	
FUZE	99%	b	99%	ac	102%	ab	106%	a	100%	a
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
Trial Mean	1,711		5,463		8,723		5,459		20,915	
LSD (5%)	458		586		881		804		1637	
%CV	16		7		6		9		5	

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

**PLANT BREEDERS RIGHTS (PBR):** This variety is registered under Plant Breeders Rights (PBR) in Australia. Unauthorised commercial propagation or any sale, conditioning, export, import or stocking of propagating material is an infringement under the Plant Breeders Rights Act (1994). Any breach of this legislation will leave the grower liable for prosecution.

**DISCLAIMER:** The information presented in this brochure is from official and other sources and is considered to be reliable. It is provided in good faith and every care has been taken to ensure its accuracy. Heritage Seeds does not accept any responsibility for the consequences that may arise from the acceptance of recommendations or the suggestions made.

**FREECALL 1800 007 333**  
[www.heritageseeds.com.au](http://www.heritageseeds.com.au)

**GROW WITH CONFIDENCE**  
**INSIST ON THE YELLOW BAG**

