

**Trial Name** 2024 Ellinbank Italian Ryegrass Trial  
**Site Location:** Cropmark Research Station  
**Nearest Town:** Ellinbank, Vic.  
**Site Operator:** Cropmark, Pat Bloye  
**Species:** Italian Ryegrass  
**Trial Start and End:** 16<sup>th</sup> April 2024 – 24<sup>th</sup> December 2025  
**Report Date:** 2<sup>nd</sup> March 2026



### Seasonal Summary/Comments

The site experienced an exceptionally wet start in April however May and June were drier than normal which allowed the trial to establish well. Although variable, good rainfall occurred across late winter and throughout spring, allowing the trial to perform exceptionally well.

The trial was continued into a second year (2025) however drier than normal conditions over 5 of the first 6 months of 2025 resulted in poor recover with only a few entries recovering sufficiently for measurement. In June of 2025 the trial was assessed for persistence and a decision made to terminate.

### Monthly Rainfall (mm)

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2024	94.6	5.0	14.8	152.4	29.6	41.2	133.4	28.6	95	74.4	78.8	41.6	759.4
2025	10.2	35.4	70.2	46.6	36.6	42.6							

Rainfall data sourced from nearest BOM weather station – Nilma North (Warragul).

### Results - kg DM/ha by season, annual and overall total.

Entry	Yield										Persistence (%)	
	Autumn	Winter	Early Spring	Late Spring	Summer	Total			18-Jun-25			
Frenzy LE	835 <sub>ad</sub>	2244 <sub>bc</sub>	4464 <sub>ab</sub>	5110 <sub>a</sub>	1022 <sub>ab</sub>	13650 <sub>a</sub>			58.75 <sub>a</sub>			
Amass	844 <sub>ac</sub>	2462 <sub>a</sub>	4426 <sub>ab</sub>	4626 <sub>b</sub>	831 <sub>cf</sub>	13122 <sub>ab</sub>			21.25 <sub>cd</sub>			
Lush AR37	846 <sub>ab</sub>	2338 <sub>ac</sub>	4007 <sub>eg</sub>	4742 <sub>ab</sub>	1083 <sub>a</sub>	13042 <sub>ab</sub>			40 <sub>b</sub>			
Arise	903 <sub>a</sub>	2444 <sub>a</sub>	4255 <sub>bd</sub>	4620 <sub>b</sub>	874 <sub>ce</sub>	12956 <sub>bc</sub>			35 <sub>bc</sub>			
Tempo	707 <sub>cf</sub>	2280 <sub>ac</sub>	4089 <sub>df</sub>	4750 <sub>ab</sub>	933 <sub>bd</sub>	12796 <sub>bd</sub>			7.5 <sub>de</sub>			
Accelerate 2	584 <sub>f</sub>	2207 <sub>c</sub>	3949 <sub>fg</sub>	5070 <sub>a</sub>	952 <sub>bc</sub>	12785 <sub>bd</sub>			2.5 <sub>e</sub>			
Manta	753 <sub>be</sub>	2390 <sub>ab</sub>	4059 <sub>df</sub>	4552 <sub>bc</sub>	1047 <sub>ab</sub>	12784 <sub>bd</sub>			1.25 <sub>e</sub>			
Mona	822 <sub>ad</sub>	2249 <sub>bc</sub>	4352 <sub>ac</sub>	4469 <sub>bc</sub>	818 <sub>df</sub>	12774 <sub>bd</sub>			16.25 <sub>de</sub>			
Emmerson	651 <sub>ef</sub>	1890 <sub>d</sub>	4564 <sub>a</sub>	4480 <sub>bc</sub>	777 <sub>ef</sub>	12335 <sub>cd</sub>			1.25 <sub>e</sub>			
Inverno	808 <sub>ad</sub>	2378 <sub>ac</sub>	4199 <sub>ce</sub>	4181 <sub>c</sub>	732 <sub>f</sub>	12141 <sub>d</sub>			11.25 <sub>de</sub>			
Achieve	705 <sub>df</sub>	2265 <sub>bc</sub>	3816 <sub>g</sub>	3707 <sub>d</sub>	469 <sub>g</sub>	10838 <sub>e</sub>			1.25 <sub>e</sub>			
<b>Trial Mean</b>	727	2227	4154	4635	884	12590			27.6			
<b>Significance</b>	0.000	0.000	0.000	0.000	0.000	0.000			0.000			
<b>LSD (5%)</b>	137.4	182.0	226.1	378.0	122.2	649.5			18.4			
<b>%CV</b>	12.8	5.5	3.8	5.6	9.6	3.6			47.2			

Harvest method: a mower strip comprising 4 rows is harvested from the plot, sub samples taken from the cut forage for DM% determination, and the remaining forage mown off.

Results with overlapping letter ranges are not significantly different from each other

Total Yields are calculated statistically using the whole dataset and may not precisely equal the sum of individual