

Trial Name 2023 Ellinbank Annual Ryegrass Trial
Site Location: Cropmark Research Station
Nearest Town: Ellinbank, Vic.
Site Operator: Cropmark, Pat Bloye
Species: Annual Ryegrass
Trial Start and End: 20th April 2023 – 6th December 2023
Report Date: 21st March 2026



Seasonal Summary/Comments

In 2023 the site experienced an excellent early autumn break with sustained rainfall from March into winter. This allowed the newly sown trial to establish well. Overall conditions remained favourable for growth of the trial throughout 2023.

Monthly Rainfall (mm)

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2023	15.6	39.8	88.6	67.8	92.2	110.6	27.8	57.2	71.4	171.4	62.8	102.0	907.2

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

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

Entry	Autumn	Winter	Early Spring	Late Spring	Summer	Total
Torpedo	1725 ab	4425 ac	4593 b	452 bc	643 ab	11826 a
Rampage	1310 c	4557 a	4916 a	510 a	475 cd	11818 a
Ascend	1580 b	4485 ab	4585 b	395 d	617 ab	11729 a
Hogan	1758 ab	4000 e	4686 ab	470 ab	719 a	11593 a
Bullet	1540 bc	4612 a	4441 b	419 cd	626 ab	11546 a
Dash	1310 c	4504 ab	4668 ab	471 ab	438 d	11541 a
Zoom	1668 ab	4186 ce	4592 b	444 bc	661 ab	11488 a
Pinnacle	1556 bc	4368 ac	4524 b	425 bd	539 bd	11386 ab
Apex	1782 ab	4043 de	4115 c	383 d	675 a	10919 b
Jivet	1649 ab	4201 ce	3729 d	298 e	594 ac	10385 c
Betta Tetila	1868 a	4263 bd	2645 e	85 f	649 ab	9488 d
Atomic	1839 a	4089 de	2665 e	84 f	650 ab	9398 d
Trial Mean	1587	4369	4422	414	578	11370
Significance	0.000	0.000	0.000	0.000	0.000	0.000
LSD (5%)	250	262	285	47	129	545
%CV	11.0	4.2	4.3	7.9	15.2	3.3

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 harvests or seasons.