

Trial Name 2022 Meredith Annual Ryegrass Trial
Site Location: Pasturewise Research Farm
Nearest Town: Meredith
Site Operator: Pasturewise Pty Ltd (Stuart Kemp)
Species: Annual Ryegrass
Trial Start and End: 03/05/2022 – 26/01/2023
Report Date: 18/03/2026



Seasonal Summary/Comments

It was an excellent start to the season with good winter and early spring growing conditions. It became exceptionally wet in late spring with a total of 375mm falling (October-November which made harvests in late spring exceptionally difficult, resulting in the NS result for that period. The exceptional late spring rainfall and mild conditions lead to unusually high early summer growth for annual ryegrass.

Monthly Rainfall (mm)

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2022	110.1	3.6	57.4	76	49.4	66.6	32.6	62.8	71	241.6	134.2	67.2	972.4

Rainfall data sourced from on-site weather station, Pasturewise, Meredith.

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

Entry	Winter		Early Spring		Late Spring		Summer		Total	
	kg DM/ha		kg DM/ha		kg DM/ha		kg DM/ha		kg DM/ha	
Mach 1	1503	bc	2767	ab	5034		3328	be	12964	a
Hogan	1275	df	2572	be	5243		3286	cf	12767	ab
Ascend	1091	ij	2739	ac	5041		3439	ac	12721	ab
Zoom	1641	ab	2761	ab	4926		3348	ae	12606	ab
Epic	1259	di	2634	ac	5257		3375	ae	12410	ac
Torpedo	1575	ab	2614	ad	4662		3648	a	12402	ac
Lmw22B-3	1183	dj	2515	ce	5179		3100	eh	12313	ac
Dominator	1665	ab	2717	ac	4680		3297	bf	12252	ac
SF Speedyl	1287	de	2411	df	5181		3171	cg	12245	ac
Lmw22B-2	1270	dg	2800	a	4763		3611	ab	12244	ac
Rocket	1570	ab	2798	ab	4449		3120	dh	12164	ac
Tetrone	1370	cd	2809	a	4888		2837	h	12123	ac
Koga	1265	dh	2727	ac	5006		2955	gh	12088	ac
Melworld	1370	cd	2256	f	5148		3302	bf	11853	ad
Buster	1177	ej	2364	ef	4652		3363	ae	11732	bd
Astro	1737	a	2760	ab	4351		2998	fh	11727	bd
Tetila	1092	fj	2516	ce	4471		3308	be	11269	cd
Fuze	1030	j	2255	f	4567		3420	ad	11264	cd
Finefeed	1225	di	2272	f	4501		2913	gh	10806	d
Trial mean	1329		2570		4832		3263		12052	
Significance	0.000		0.000		NS		0.000		0.033	
LSD (5%)	180		228		900		310		1206	
%CV	9.4		6.2		13.2		6.4		7.1	

Harvest method: whole plot harvested, sub samples taken from each plot for DM%

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.