

Trial Name 2022 Meredith Mediterranean Tall Fescue Trial
Site Location: Pasturewise Research Farm
Nearest Town: Meredith
Site Operator: Pasturewise Pty Ltd (Stuart Kemp)
Species: Mediterranean Tall Fescue
Trial Start and End: 03/05/2022 – 1/07/2025
Report Date: 20/03/2026



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 timely harvests in late spring very difficult. Total rainfall for 2022 was very much above the long-term average (~680mm), primarily driven by October and November.

A very wet 2022 was followed by good start to 2023 with good moisture for the first half of the year. Late winter and early spring of 2023 was quite dry, however more regular rainfall in October and November gave an excellent finish for late spring. High rainfall in December of 137mm finished off 2023.

In 2024 January saw a continuation of the high rainfall from December however that is where the good news stopped for that year with only 2 other months for that year (April and September) approaching the long-term averages and all other months being below average. 2024 was in the top 5 driest years on record (~150 years of records) for the region. The dry conditions across the year reduced pasture growth and meant that the trial was under stress going into summer of 2024/25.

Rainfall across the first half of 2025 was low and although there was 68mm of rain in February, conditions were warm and too early for an autumn break. Conditions stayed dry until June 2025 with no significant autumn rainfall to kick the year off. Persistence was recorded at the start of July once the plants had had an opportunity to green up although growth was still low at that point due to the cool conditions. Survival ranged for 71% to 88% and although the trial was finished the plots looked very strong and ready to respond to decent rainfall.

Monthly Rainfall (mm)

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2022	110.1	3.6	57.4	76.0	49.4	66.6	32.6	62.8	71.0	241.6	134.2	67.2	972.4
2023	25.8	45.6	52.6	74.8	54.0	62.0	25.8	42.4	22.8	59.4	69.8	137.0	672.1
2024	79.4	1.8	3.0	60.0	14.0	20.2	29.0	31.4	70.8	47.2	48.4	8.8	444.2
2025	26.8	68.0	29.8	29.0	16.8	86.3	34.8	60.4	35.7	73.2	111.4	27.4	599.7

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

Trial data is included on the next page.

Results - kg DM/ha for each harvest, annual and overall total.

2022 Meredith Mediterranean Tall Fescue Trial
 Sown: 3rd May 2022
 Final Harvest: 7th November 2024



Entry	Harvest Data										Summary Yields				Persistence
	20-Oct-22	21-Nov-22	11-Mar-23	21-Jun-23	23-Aug-23	2-Oct-23	6-Feb-24	3-Sep-24	7-Nov-24	Year 1	Year 2	Year 3	Total	3-Jul-25	
Prosper	2881 b	4234 a	871 b	1998 b	1351	2796 a	2956	1531 a	2228 b	8004 ab	9101 a	3807 ab	20935 a	88.4% a	
Temora	3539 a	3763 c	906 b	2424 a	1416	2132 b	2946	1358 ab	2065 bc	7974 b	8917 a	3379 bd	20635 a	88.8% a	
Origin	2951 ab	4074 ac	1300 a	1470 c	1326	2022 b	3102	1182 b	2820 a	8386 ab	7920 b	4089 a	20297 ab	80.0% ab	
Anywhere	3115 ab	4200 ab	843 b	2031 b	1261	1934 b	2570	1246 b	2384 b	8555 a	7796 b	3674 ac	19538 bc	87.5% a	
Charlem	2084 c	4185 ab	799 b	2247 ab	1570	1968 b	2969	1239 b	2105 bc	7016 c	8754 a	3284 cd	18919 c	71.6% b	
SF Medallion	2588 bc	3907 bc	829 b	2035 b	1261	1522 c	2677	1363 ab	1739 c	7166 c	7495 b	3064 d	17603 d	85.6% a	
Trial mean	2859	4061	925	2034	1364	2062	2870	1320	2224	7850	8330	3549	19654	83.6%	
Significance	0.004	0.014	0.000	0.000	NS	0.000	NS	0.013	0.001	0.000	0.000	0.002	0.000	0.042	
LSD (5%)	621	315	262	250	219	203	500	204	401	563	640	442	774	12%	
%CV	14.4	5.3	19.2	8.2	10.7	6.5	11.6	9.8	12.0	4.9	5.1	8.3	2.2	9.2	

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