

**Trial Name** 2022 Meredith Continental Tall Fescue Trial  
**Site Location:** Pasturewise Research Farm  
**Nearest Town:** Meredith  
**Site Operator:** Pasturewise Pty Ltd (Stuart Kemp)  
**Species:** Continental 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 was excellent and ranged from 79 to 91% after 3 years.

### 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 Continental Tall Fescue Trial

Sown: 3rd May 2022

Final Harvest: 7th November 2024



Entry	Harvest Yields									Summary Results				Persistence
	20-Oct-22	21-Nov-22	11-Mar-23	21-Jun-23	18-Sep-23	6-Feb-24	3-Sep-24	7-Nov-24	Total Year 1	Total Year 2	Total Year 3	Grand Total	3-Jul-25	
Quantum II MaxP	2126 ab	3966 bc	1659 a	1311 b	2448 a	5812	1344 b	2593 a	6061 ab	11318 a	3937 a	21275 a	90.6% a	
Quantica MaxP	2236 a	3498 d	1605 ab	1596 a	2342 a	5451	1580 a	2264 a	5746 bc	11058 ab	3844 ab	20391 ab	86.9% ab	
Ability	2325 a	3800 c	1224 c	1252 b	2277 ab	5153	989 c	2515 a	6222 a	10046 cd	3503 bc	19167 bc	88.5% ab	
SF Finesse-Q	1575 bc	4343 a	1377 ac	1195 b	1346 c	5862	804 cd	1858 b	6181 ab	10278 bc	2662 d	18212 c	79.0% c	
Hummer MaxP	2213 a	3417 d	1272 c	1141 b	2070 b	5316	871 cd	2211 ab	5574 c	9431 de	3082 cd	18162 c	86.7% ac	
Nouga	1297 c	4160 ab	1301 bc	1075 b	826 d	5268	713 d	1451 c	5339 c	8620 e	2164 e	15775 d	80.8% bc	
<b>Trial mean</b>	2039	4162	1385	1221	1710	5655	1060	2086	6212	10085	3147	19153	83.4%	
<b>Significance</b>	0.000	0.000	0.035	0.012	0.000	NS	0.000	0.000	0.000	0.001	0.000	0.000	0.003	
<b>LSD (5%)</b>	555	186	329	273	252	805	231	384	473	792	430	1461	8.3%	
<b>%CV</b>	18.5	3.0	16.2	15.2	9.8	9.4	14.8	12.5	5.2	4.9	9.3	5.1	6.5	

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.

Note, the cultivar Fortune was included in this trial but omitted from the results due to contamination of the seed line with annual ryegrass impacting yields and density of fescue plants.