

**Trial Name** 2022 Meredith Perennial Ryegrass Trial  
**Site Location:** Pasturewise Research Farm  
**Nearest Town:** Meredith  
**Site Operator:** Pasturewise Pty Ltd (Stuart Kemp)  
**Species:** Perennial Ryegrass  
**Trial Start and End:** 03/05/2022 – 1/07/2025  
**Report Date:** 19/03/2026



### 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 16% to 61%.

### 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 PRG Trial**

Sown: 3rd May 2022

Final Harvest: 15th November 2024



Entry	Harvest dates									Annual Summary			Total	Persistence
	25-Sep-22	2-Dec-22	10-Mar-23	20-Jun-23	12-Oct-23	15-Feb-24	8-Oct-24	15-Nov-24	Year 1	Year 2	Year 3	All Years	30-Jun-25	
Kidman NEA2	2158 ac	5867 ci	1456 bg	1521 cf	2852 bc	2905 ae	2117 b	959 ad	9591 bf	7306 a	3014 a	19825 a	33% fj	
Bealey NEA2	2288 ab	6405 bd	2066 a	1784 ab	1776 in	3270 ab	1056 ij	903 af	10810 a	6741 ae	2037 dh	19448 ab	35% di	
Hustle RGT18	2097 ac	5765 ci	1565 bf	1828 a	2621 bd	2960 ae	1722 c	658 fi	9593 be	7317 a	2438 bd	19284 ac	43% ch	
SF Hustle AR1	1766 cf	6313 be	1596 bd	1707 ac	2481 ce	3120 ad	1555 ce	760 ch	9689 bd	7149 ac	2258 bf	19175 ac	38% dh	
Trooper	1593 dg	6082 bg	1854 ab	1395 dh	2080 ej	3402 a	1403 ci	734 di	9562 bf	7078 ac	2117 cg	18847 ad	23% ik	
Prospect AR37	1884 be	5999 bh	1492 bg	1464 cg	2398 dg	2910 ae	1473 ch	927 ae	9325 bh	6901 ad	2365 be	18715 ad	40% dh	
Dunstan	2462 a	6564 bc	858 ij	1181 hj	2449 cf	2400 eh	1684 c	821 bh	9877 ac	6158 dh	2502 bc	18594 ad	42% ch	
Caretaker II	1634 dg	6497 bd	1190 di	1189 hj	2034 fj	3276 ab	1524 cf	934 ae	9366 bg	6494 bg	2452 bc	18242 be	41% ch	
Maxsyn NEA4	1577 dg	5455 fk	1519 bg	1647 ad	2193 di	3196 ac	1573 cd	898 af	8527 ej	7282 ab	2523 b	18205 be	43% ch	
Avalon Plus	1543 dg	7455 a	951 hj	1124 ij	2119 ei	2258 fh	1489 cg	1006 ac	9892 ac	5473 hj	2473 bc	17880 cf	48% af	
Violet	1956 bd	6414 bd	1583 be	1227 gj	1662 jn	2564 dh	1076 ij	716 di	10160 ab	5525 hj	1840 fh	17584 dg	30% hk	
Platform AR37	1056 hi	6565 bc	1291 dh	1412 dh	2260 dh	2681 cg	1362 ci	855 bf	8937 ch	6483 cg	2147 bg	17531 dg	34% ej	
Victorian	1743 cf	6173 bf	377 k	639 k	3348 a	1605 ij	2513 a	711 di	8446 gj	5674 hj	3298 a	17345 dg	60% ab	
Stampede CM142	1807 cf	5310 gl	1166 fi	1560 be	2160 ei	2572 dh	1408 ci	717 di	8343 gk	6496 cf	2201 bf	16824 eh	38% dh	
Rely AR1	1289 gh	6803 ab	978 hj	1291 fj	1756 in	2442 eh	1210 dj	764 ch	9068 ch	5594 hj	2012 eh	16742 eh	38% dh	
Kingsgate SE	1479 eh	6498 bd	628 jk	1329 ei	1959 gl	2318 fh	1392 ci	1149 a	8263 hl	5764 fj	2484 bc	16731 eh	45% bg	
Base AR37	1786 cf	5564 ej	1423 cg	1564 be	1547 kn	2742 bf	1123 gj	810 bh	8976 ch	5775 fj	1948 eh	16638 fh	61% a	
Legion AR37	1763 cf	5236 hl	1192 ei	1331 ei	1873 hm	2449 eh	1205 dj	729 di	8363 gk	5952 fj	1999 eh	16401 fh	55% ac	
Drylander	1486 eh	6128 bg	318 k	475 k	3044 ab	1552 j	2541 a	666 fi	8320 gl	5154 j	3169 a	16398 fh	50% ad	
Halo AR37	1794 cf	5243 hl	1719 ac	1390 dh	1494 mn	2720 bf	1233 dj	610 gi	8774 di	5703 fj	1873 fh	16236 gi	55% ac	
Middini CM142	1756 cf	6377 be	830 ij	1332 ei	1387 n	2081 hj	1192 ej	1051 ab	8718 di	5305 ij	2233 bf	16234 gj	48% af	
Reward Endo5	1656 dg	5346 gl	1535 bg	1344 ei	1536 ln	2691 cf	1260 dj	662 fi	8289 hl	5645 hj	1892 fh	16124 gj	49% ae	
Almonta CM142	1575 dg	4739 kl	1209 di	1469 cg	2052 ej	2508 eh	1688 c	739 di	7530 jm	5970 ei	2331 be	15752 hk	46% bg	
Matrix SE	1803 cf	5887 ci	978 hj	1056 j	1898 hm	2463 eh	1403 ci	493 i	8576 ej	5269 ij	1896 fh	15732 hk	16% k	
Somerset SE	1432 fh	5691 dj	699 jk	1360 ei	1985 gk	2126 gi	1198 fj	838 bg	7830 im	5295 ij	2138 bg	15402 hk	38% dh	
Rohan SPR NEA2	1091 hi	5157 il	1153 fi	1188 hj	1779 in	2424 eh	1121 hj	573 hi	7330 km	5584 hj	1737 gh	14823 ik	32% gj	
One50 AR37	716 i	4600 l	1272 dh	1230 gj	1673 jn	2606 dh	1516 cf	725 di	6805 m	5560 hj	2194 bf	14691 jk	40% dh	
Impact	1288 gh	4865 jl	1144 gi	1283 fj	1525 ln	2677 cg	995 j	686 ei	7275 lm	5480 hj	1651 h	14505 k	20% jk	
<b>Trial mean</b>	1745	5955	1268	1354	2068	2654	1469	777	8968	6156	2246	17388	42%	
<b>Significance</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	
<b>LSD (5%)</b>	437	821	410	258	440	562	366	251	1054	777	425	1527	0	
<b>%CV</b>	17.8	9.8	23.0	13.4	14.4	15.1	17.7	22.9	8.3	8.9	13.4	6.2	25.4	

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.