

**Trial Name** 2022 Meredith Italian Ryegrass Trial  
**Site Location:** Pasturewise Research Farm  
**Nearest Town:** Meredith  
**Site Operator:** Pasturewise Pty Ltd (Stuart Kemp)  
**Species:** Italian 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 very difficult. The exceptional late spring rainfall and mild conditions lead to unusually high early summer growth for Italian ryegrass.

This trial continued to run through a second year however operator injury impaired harvesting in the second year and the infrequent harvests were not in line with trial protocols and as a result the second year has been excluded from the analysis.

### 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	Autumn	Winter	Early Spring	Late Spring	Summer	Total
Arise	480 ab	1046 ab	2828 ab	4576 ac	3412 ac	12318 a
Feast II	431 bd	939 bd	2630 cf	4498 bd	3477 a	12108 ab
SF Emmerson	388 ce	846 ce	2708 bd	4776 ab	3430 ab	12055 ac
Amass	437 ac	952 ac	2764 ac	4431 be	3291 ad	11841 ad
Achieve	439 ac	957 ac	2539 dg	4400 be	3446 ab	11788 ad
SF Indulgence	364 df	793 df	2516 eg	4973 a	3084 be	11664 ad
RGT Daredyvl	503 a	1095 a	2897 a	4083 dg	3123 ae	11655 bd
Thumpa	478 ab	1042 ab	2653 ce	4141 cg	3179 ae	11621 bd
Tempo	456 ac	994 ac	2508 eg	4203 cg	3288 ad	11427 ce
Allure	441 ac	960 ac	2529 eg	4307 cf	3262 ad	11401 de
Lush AR37	436 bc	950 bc	2496 eg	3997 eg	3424 ab	11278 de
SF Accelerate 2	394 ce	859 ce	2463 fg	4111 dg	3402 ac	11179 df
Manta	391 ce	852 ce	2596 cg	4128 cg	3034 df	10912 ef
Nourish	388 ce	846 ce	2541 dg	4016 eg	3107 be	10910 ef
Knight	442 ac	963 ac	2459 gh	3855 g	3074 cf	10644 f
RGT Exotyl	453 ac	987 ac	2564 dg	3822 g	2873 ef	10611 fg
Asset AR37	349 ef	761 ef	2286 hi	3917 fg	2490 g	9992 gh
Bermagui	270 g	589 g	2132 ij	3776 gh	2860 ef	9607 hi
Appeal	320 fg	698 fg	2062 j	3366 h	2727 fg	9273 i
<b>Trial Mean</b>	418	911	2525	4145	3186	11173
<b>Significance</b>	0.000	0.000	0.000	0.000	0.000	0.000
<b>LSD (5%)</b>	67	146	172	452	350	650
<b>%CV</b>	11.2	11.2	4.8	7.4	7.7	4.1

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.