



Site Location: Cressy Research and Development Station
Nearest Town: Cressy, TAS.
Site Operator: Upper Murray Seeds
Species: Italian Ryegrass
Trial Start and End: 4th April 2023 – 27th December 2024
Report Date: 2 Year report 06/03/2025

Seasonal Summary/Comments

This site is fully irrigated which ensures maximum potential yields in most years. The trial site was audited in both 2023 and 2024 and found to be in excellent order with the trial well laid out and harvests being conducted in a timely manner.

Year 1.

Total rainfall for the year was 493mm however this was supplemented with regular irrigation via a fixed sprinkler system. A total of 11 harvests occurred in the first year commencing on 21st June 2023 and the year finishing on 2nd January 2024.

Year 2.

Total rainfall for the year was 619mm with supplementary irrigation used when necessary to maintain growth. A total of 10 harvests occurred in the second year commencing on 8th April 2024 with the final harvest for the year and of the trial occurring on the 27th December 2024.

Monthly Rainfall (mm)

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2023	17.6	24.8	63.2	38.2	16.8	89.4	49.8	57.2	18.8	27.4	25.2	65.2	493.6
2024	73.2	5.6	19.6	58	47.2	45.8	62.6	90.4	67.4	24.8	58.8	66	619.4

Rainfall data sourced from official BOM site at Brumbys Creek, Cressy, Tasmania.

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

Entry	DMYield - Year 1									DMYield - Year 2									Year 1	Year 2	Overall					
	Autumn	Winter	Early Spring	Late Spring	Summer	Autumn	Winter	Early Spring	Late Spring	Summer	Autumn	Winter	Early Spring	Late Spring	Summer	Total	Total	Total								
RGT Dardevyl	727	ae	2258	af	4344	a	6898	bc	3805	bd	2566	bc	1197	ab	3593	a	6374	ac	1694	ae	17062	ac	16657	a	33690	a
Denver	801	ac	2382	ad	4372	a	6942	bc	3873	bc	2144	de	1086	ad	3376	ab	6605	a	1834	a	17420	a	15934	ad	33461	ab
RGT Exotyl	636	cf	2151	ag	3744	bd	6713	c	4914	a	3003	a	1093	ad	3231	bc	5978	bd	1651	be	16715	ad	16398	ab	33207	ac
Manta	785	ad	2105	cg	3851	bd	7102	bc	4091	b	2668	ab	1166	ab	3053	cf	6201	ad	1735	ac	16838	ac	16117	ac	32948	ad
Frenzy NEA	858	ab	2434	a	4157	ab	7402	ac	3428	ce	2450	bd	1111	ac	2844	eh	6509	ab	1761	ab	17096	ac	15737	ae	32611	ae
Mazzoletti	900	a	2389	ac	4165	ab	6805	c	3752	be	2331	bd	892	cd	3086	ce	6121	ad	1632	be	16890	ac	15210	bf	31929	ae
Inverno	893	a	2349	ae	3901	bd	6943	bc	3795	bd	2335	bd	1206	ab	3151	bd	5724	de	1531	df	16837	ac	14849	df	31867	ae
Accelerate 2	526	f	2144	bg	3909	bd	8005	a	3776	bd	2312	bd	1032	bd	2781	fh	5847	cd	1519	ef	17329	ab	14597	ef	31741	be
Concord II	740	ae	2093	eg	3669	cd	7537	ab	4032	b	2217	ce	1119	ac	2763	gh	6042	ad	1448	f	17483	a	14430	f	31517	ce
Allure	755	ad	2185	ag	3752	bd	7110	bc	3669	be	2282	bd	1197	ab	3045	cf	5856	cd	1690	ae	16443	ad	14887	cf	31429	de
Feast II	852	ab	2230	ag	3992	ac	7595	ab	3608	be	2317	bd	1005	bd	2984	cg	5811	cd	1535	df	17112	ac	14574	ef	31291	de
Tempo	714	ae	2129	bg	3751	bd	7087	bc	3974	b	2209	ce	1078	ad	2930	dg	6018	ad	1714	ad	16283	be	15002	cf	31266	de
Bermagui	611	df	1974	g	3874	bd	7354	ac	3736	be	2537	bd	1079	ad	2639	hi	6107	ad	1554	cf	16119	ce	15031	cf	31257	de
Amass	868	ab	2395	ab	4146	ab	7109	bc	3287	df	2154	ce	974	bd	3138	bd	5774	cd	1573	cf	16469	ad	14527	f	31034	e
Appeal	687	bf	2001	fg	3796	bd	6942	bc	3247	ef	2233	cd	862	d	2433	i	5157	ef	1416	fg	15742	de	13073	g	28817	f
Yambuck	551	ef	2096	dg	3498	d	6775	c	2848	f	1820	e	1311	a	2755	gh	5055	f	1248	g	15227	e	12883	g	28289	f
Trial Mean	748		2180		3854		7025		3664		2290		1110		2931		5805		1548		16474		14682		31155	
Significance	0.005		0.012		0.000		0.002		0.000		0.000		0.010		0.000		0.000		0.000		0.000		0.000		0.000	
LSD (5%)	189		280		427		721		536		404		240		270		613		180		1059		1213		1764	
%CV	17.7		9.0		7.8		7.3		10.3		12.4		15.2		6.5		7.4		8.1		4.5		5.8		4.0	

Harvest Method: Middle rows of plot harvested and weighed, 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 and may not precisely equal the sum of individual harvests or seasons