

Site Location: Gippy Ag – Valley Seeds Research Site
Nearest Town: Bairnsdale, VIC.
Site Operator: Valley Seeds
Species: Italian Ryegrass
Trial Start and End: 5th May 2023 – 11th January 2024



Seasonal Summary/Comments

There was an opening rain in late March, with April and May being a little drier than average, but it was enough to get the plots up and going. The trial was sown on the 5th May 2023.

Conditions remained drier than normal after sowing and throughout June and became very dry in July when only 5.2mm of rain fell. Conditions remained very dry throughout August and September significantly reducing the growth of annual ryegrass. October through to December was much wetter than normal however by this stage the annual ryegrass was moving into its reproductive phase and yield potential had been capped.

Monthly Rainfall (mm)

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2023	16.8	13.6	65.8	40.8	43	32.6	5.2	30	18.6	128.2	102.4	101.4	598.4
2024	50.6												

Results

Entry	DMYield		DMYield		DMYield		DMYield		DMYield	
	Winter		Early Spring		Late Spring		Summer		Total	
Tempo	1051	b	1980	a	3747	a	2261	a	9368	a
Manta	901	b	2270	a	3404	a	2294	a	9021	ab
Accelerate 2	1331	a	2234	a	3657	a	2003	ab	9011	ab
Feast 2	954	b	1981	a	3663	a	2275	a	8790	ac
Yambuk	966	b	2253	a	3299	a	2024	ab	8663	ac
Inverno	1044	b	1963	a	3322	a	2078	ab	8643	ac
Amass	1101	ab	2020	a	3241	a	2118	ab	8549	bc
Concord 2	1123	ab	2071	a	3234	a	1731	b	8086	c
Trial Mean	1031		2115		3449		2201		8800	
Significance	0.001		NS		NS		0.037		0.031	
LSD (5%)	246.1		447.5		431.4		385.8		747.2	
%CV	16.5		14.8		8.7		12.1		5.9	

Harvest Method: Whole plots harvested and weighed, sub samples taken from each plot for DM%.

Results with overlapping letter ranges are not significantly different from each other