



Site Location: Aberdeen – Clydsdale Turf
Nearest Town: Aberdeen, NSW.
Site Operator: Clydsdale Turf (Dan Clydsdale)
Species: Italian Ryegrass
Trial Start and End: 6th April 2023 – 6th Dec 2023
Trial Report Date: 17/03/2024, updated 15/08/2024

Seasonal Summary/Comments

The site was well prepared with a full moisture profile however dry conditions prevailed throughout much of the life of the trial which limited total yields. Irrigation was require post sowing (total 35mm) to ensure the plots established as the rainfall in April, May and June was just 21.4mm, 0.6mm and 17.6mm respectively. July, August and September continued to be dry, limiting growth.

Although rainfall was better in October and November, it was still relatively low and with temperatures warming the varieties were rapidly going reproductive and by December growth had finished – as demonstrated with the low summer harvest which occurred on the 6th of December.

Monthly Rainfall (mm)

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2023	53.4	44.2	30.8	21.4	0.6	17.6	12.2	37	4.2	36.2	52.2	101	410.8

Results

Entry	DMYield		DMYield		DMYield		DMYield		DMYield		DMYield	
	Autumn		Winter		Early Spring		Late Spring		Summer		Total	
Concord II	1194	ab	3130	bc	2705	bc	2848	a	421	ac	10297	a
Bermagui	1074	ac	3133	bc	2959	a	2516	cd	426	ab	10108	ab
Tempo	1131	ac	3239	ab	2583	ce	2638	b	445	a	10035	ac
Yambuck	1209	a	2808	e	2755	b	2630	b	441	a	9844	bd
Appeal	1137	ac	3160	ac	2546	df	2546	bc	429	ab	9819	be
Denver	1196	ab	3336	a	2444	f	2391	e	407	bd	9773	ce
Feast II	1048	bc	3227	ab	2473	ef	2532	bd	389	de	9669	de
Inverno	1050	bc	2896	de	2784	b	2497	ce	386	de	9613	de
Allure	1142	ac	3024	cd	2574	de	2399	e	371	e	9510	ef
Amass	1013	c	2808	e	2606	cd	2434	de	378	e	9240	f
Trial Mean	1099		3054		2653		2537		407		9750	
Significance	0.020		0.000		0.000		0.000		0.000		0.000	
LSD (5%)	150.1		194.0		124.2		111.0		26.1		327.8	
%CV	9.5		4.4		3.3		3.1		4.5		2.3	

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

Irrigation: Due to dry conditions, 2 irrigations were applied post sowing to aid establishment.

A total of 35mm was applied.

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