Site Location:	Aberdeen – Clydsdale Turf
Nearest Town:	Aberdeen, NSW.
Site Operator:	Clydsdale Turf (Dan Clydsdale)
Species:	Annual Ryegrass
Trial Start and End:	6th April 2023 – 6th Dec 2023

Forage Trials Australia

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 Autumn		DMYield Winter		DMYield Early Spring		DMYield Late Spring		DMYield Summer		DMYield Total	
Astound	1487	a	2763	a	2677	b	2802	a	288	a	10017	a
New Tetila	1363	a	2806	a	2820	a	2743	ac	270	ab	10001	a
Evoke	1384	a	2728	a	2694	ab	2769	ab	278	ab	9852	ab
Mach 1	1507	a	2850	a	2680	b	2534	bd	252	bc	9822	ab
Fuze	1442	a	3102	a	2487	c	2342	d	230	cd	9604	ac
Zoom	1399	a	2762	a	2661	b	2510	cd	251	bc	9583	ac
Torpedo LM	1478	a	2494	a	2581	bc	2425	d	251	bc	9229	bc
Loader	1421	a	2755	a	2495	c	2291	d	210	d	9172	c
Trial Mean	1428		2774		2592		2507		251		9552	
Significance	NS		NS		0.000		0.000		0.001		0.017	
LSD (5%)	186.8		296.7		135.9		247.1		34.7		644.8	
%CV	9.0		7.4		3.6		6.8		9.5		4.7	

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