



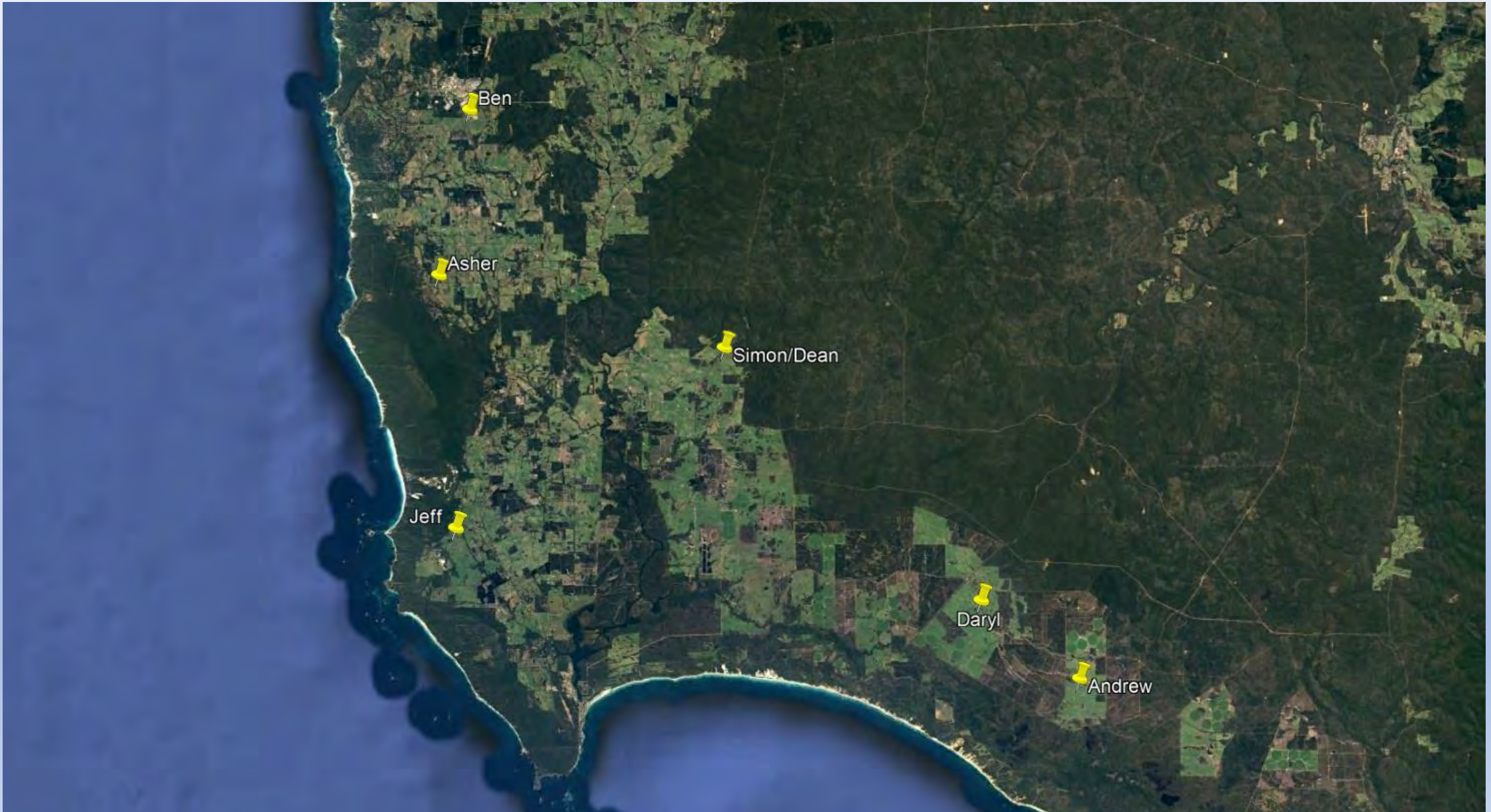
Lower Blackwood Catchment
Land Conservation District Committee



LOWER BLACKWOOD AUTUMN FEED GAP PROJECT 2020 - 2023



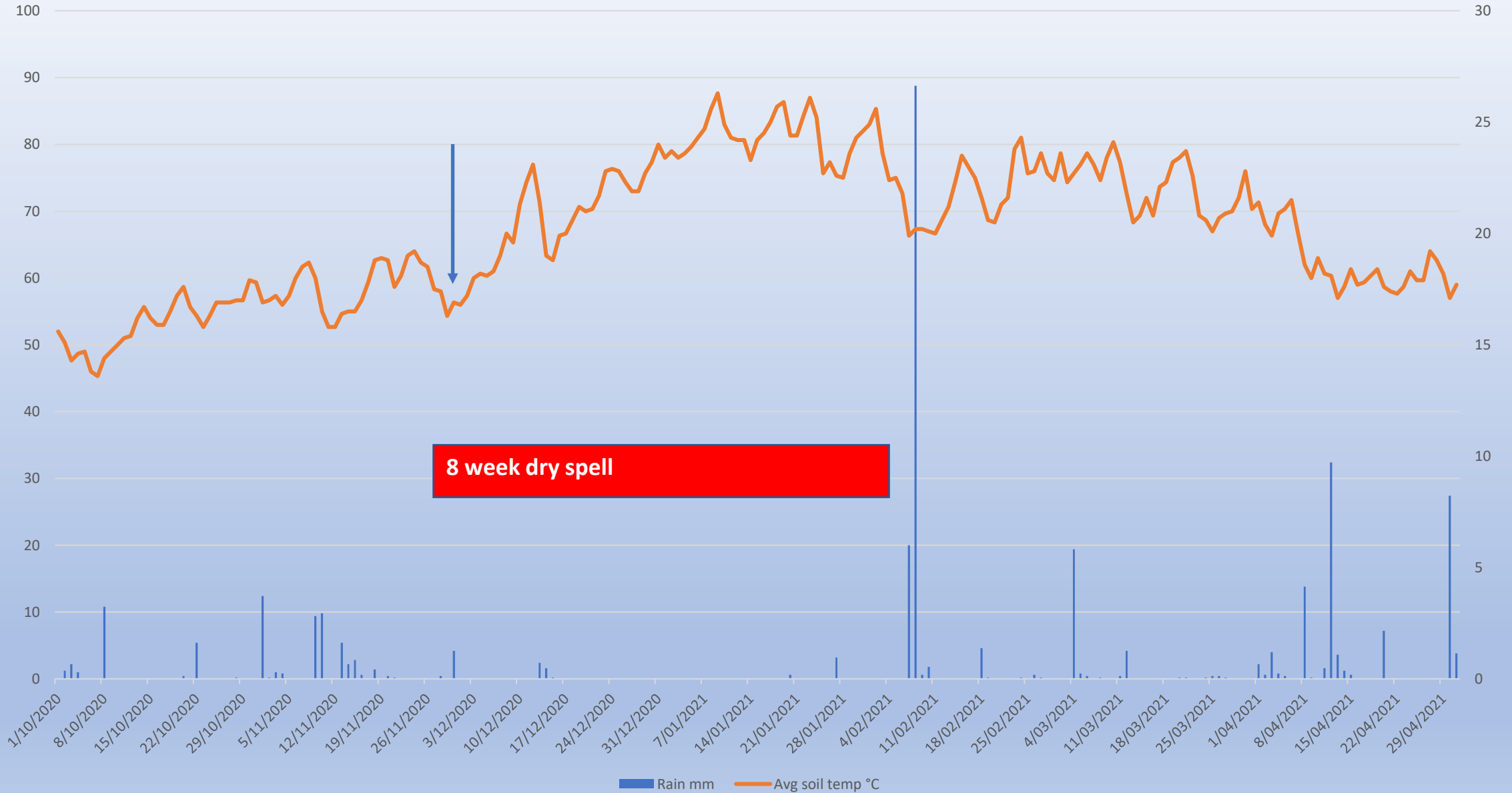
7 producer demonstration sites 2020 - 2023



Seasonal Conditions 2020 - 2023



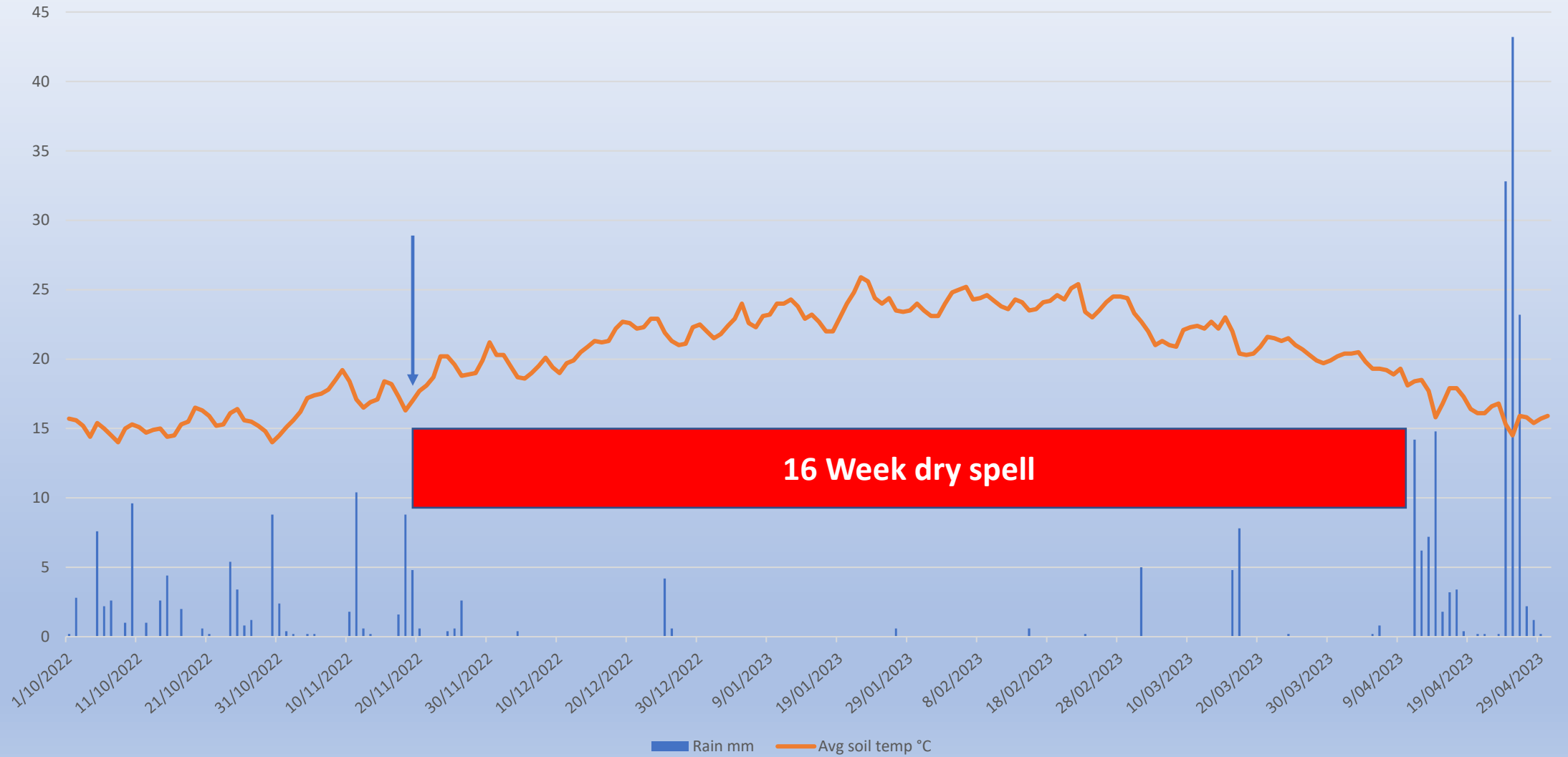
2020/21 Karridale summer rain and average soil temp



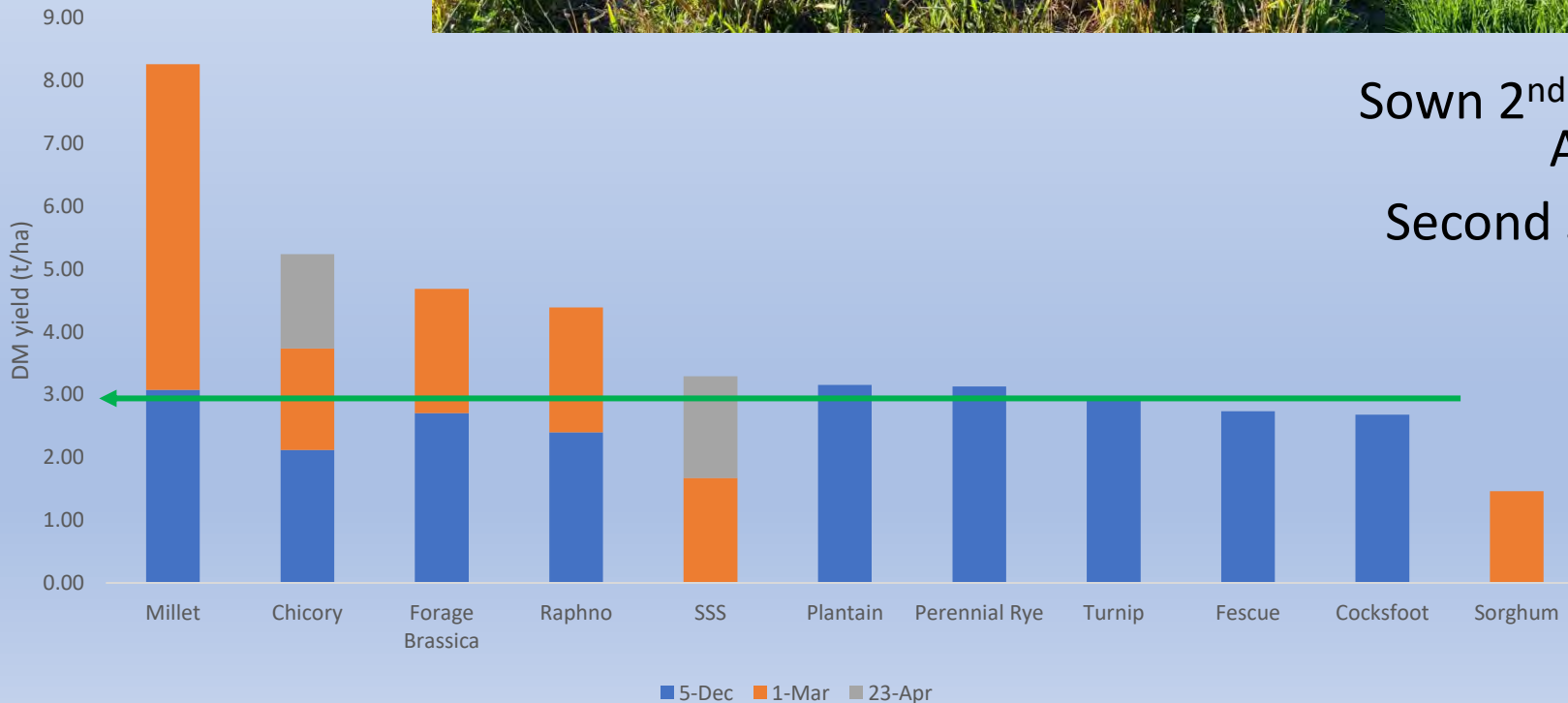
2021/22 Karridale summer rain and average soil temperature



2022/23 Karridale summer rain and average soil temperature



2020 Demo Strips



Sown 2nd and 26th of October by Andrew McNab

Second site at Asher Cohen at Forest Grove

2021 and 2022 Commercial Grazing Paddocks

- Plant species of choice
- Graze and monitor animal growth rates



ANDREW MCNAB – SCOTT RIVER EAST

19 JAN 2022



1 MARCH 2021



Daryl Avery 25th Jan 2023

	Yield (t/ha)	Energy (MJ/kg)	Protein (%)	NDF
Site 1	4.7	8.9	8.4	61
Site 2	4.25	9.4	15.5	56



Cost of production and profitability

Operation	Ben '21	Jeff '21	Simon '21	Daryl '21	Andrew '21	Jeff' 22	Daryl' 22
Spray	25	25	25	25			25
Mouldboard				100			100
Cultivate	20			40			40
Level				10	10		10
Drill	15		15	15	15	15	15
Seed cost	97		124	45	66	145	45
Fertiliser				225			240
TOTAL	157	25	164	460	91	160	475

Wt gain kg/hd/day	0.21	0	0.78	1.26	0	0	1
\$ha @ \$4/kg	\$216	0	\$397	\$??	0	0	\$475
Profit/loss/ha	\$59	-\$25	\$234	\$??	-\$91	-\$160	\$0

Cost/Benefit: Cost per tonne of Dry Matter

		Total Input Costs (\$/ha)			
		\$150	\$300	\$450	\$600
DM Yield (t/ha)	2	\$75	\$150	\$225	\$300
	4	\$38	\$75	\$113	\$150
	6	\$25	\$50	\$75	\$100
	8	\$19	\$38	\$56	\$75
	10	\$15	\$30	\$45	\$60

Chance of summer rain? 10 years @ Karridale

Summer	Oct	Nov	Dec	Jan	Feb	Mar
13/14	60.4	45.6	4.8	5.6	2	27.8
14/15	35	55.6	4.6	0.4	15.8	54.2
15/16	49.2	10.6	16	81.8	10.4	10.6
16/17	91.8	14.2	33	3.6	21.2	88.4
17/18	68.6	37	45.8	20.8	8.8	21.4
18/19	67.4	23.6	27.6	54.6	2.8	19.6
19/20	78.6	13.4	17	14	22.4	50
20/21	21.2	51.2	4.2	3.8	117	27
21/22	101.2	14.2	8.2	2.4	16	35.4
22/23	58.8	33.4	5.2	0.6	0.8	17.6
Average	63.22	29.88	16.64	18.76	21.72	33.94

2020 – 2023

- Use summer crops to prepare paddocks for winter renovation
- Manage risk by conserving spring moisture and paddock selection
- Species that tolerate earlier sowing are lower risk



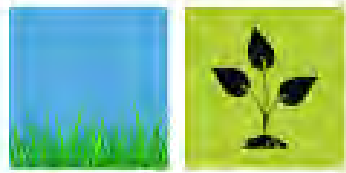




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THANK YOU



GROWERS GROUP

