



Loveland

AGRI PRODUCTS

Trial Data

Fitness Fungicide - Wheat

Wongan Hills, WA

Trial Setup

- 3 replicates

Planting date: *17/05/17 (marginal moisture)*

Site: *Wongan Hills, WA*

Variety: *Scepter Wheat @ 80kg/ ha*

GSP: *Top Dress Fertiliser: As per protocol*

Protocol: *Pre Sow: Sakura @ 120gm/ ha + Trifluralin @ 2L/ ha*

Post Emergent: Cobalt Advance @ 800mL/ ha

Post Emergent: Precept @ 2L/ ha + MSO 1%

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Trial Protocol

Treatment		Applied Rate / ha
1	UTC (Nil N) + Prosaro	150mL
2	Bulk N + Prosaro	30L + 150mL
3	Tri CarboN + Prosaro	30L + 150mL
4	Bulk N + Radial	30L + 420mL
5	Bulk N + Prosaro	60L + 150mL
6	Bulk N + Fitness Fungicide	30L + 290mL

NOTE

- Bulk N - 42% w/v N (UAN)
- Tri CarboN - UAN + 1.5% v/v, Foundation LM + 1.5% v/v Black Ultra

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Soil Test Data

Paddock	Depth cm	pH CaCl2	EC dS/m	Organic C %	NO3 N mg/ kg (KCl)	NH4 N mg/ kg (KCl)	P mg/ kg (Colwell)	PBI	K mg/kg (Colwell)	S mg/ kg (KCl40)
		4B1	3A1	6G1	7C1c	7C1a	9B2	9I2a	18A1	10D1
1 - Wongan Hills: Poorer Sand	0 - 10cm	5.1	0.032	0.48	6	0	22	9	31	7
2 - Wongan Hills: Poorer Sand Sub	10 - 20cm	4.6	0.023	0.27	3	0	15	13	23	6

Paddock	Depth cm	Cu mg/ kg (DTPA)	Zn mg/ kg (DTPA)	Mn mg/ kg (DTPA)	Fe mg/ kg (DTPA)	B mg/ kg (CaCl2)	Cl mg/ kg	Al mg/ kg (CaCl2)
		12A1	12A1	12A1	12A1	12C2		
1 - Wongan Hills: Poorer Sand	0 - 10cm	0.1	0.12	0.5	14.02	0.24	0	1.7
2 - Wongan Hills: Poorer Sand Sub	10 - 20cm	0	0	0.7	16.83	0.28	7.6	2.5

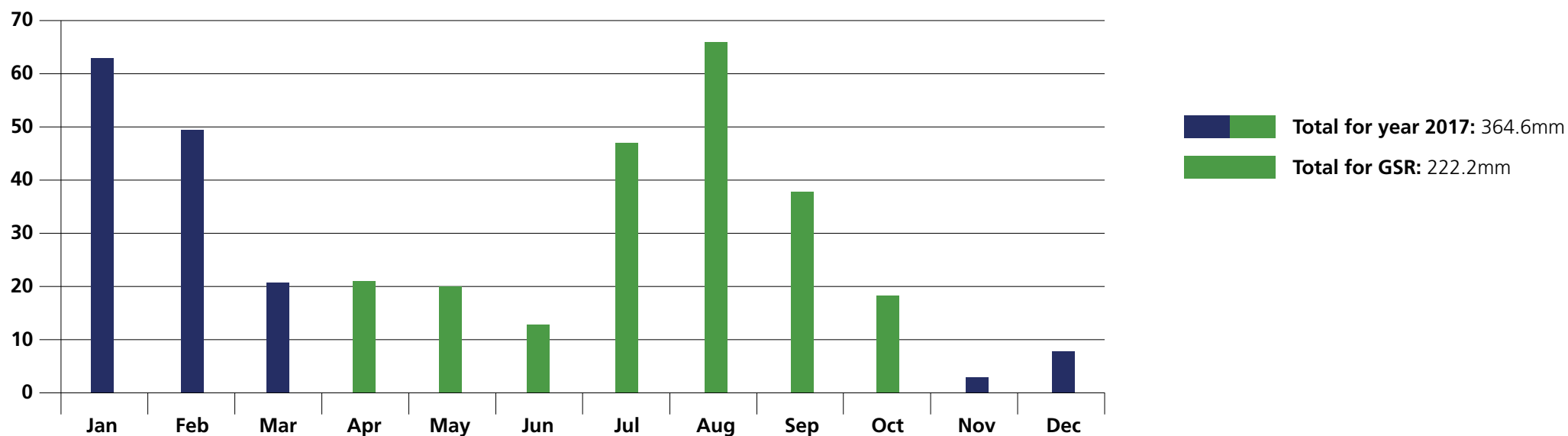
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Wheat Yield - t/ ha

Treatment		Applied Rate / ha	Yield t/ ha	
1	UTC (Nil N) + Prosaro	150mL	2.96	a
2	Bulk N + Prosaro	30L + 150mL	2.94	a
3	Tri CarboN + Prosaro	30L + 150mL	3.15	a
4	Bulk N + Radial	30L + 420mL	2.92	a
5	Bulk N + Prosaro	60L + 150mL	3.02	a
6	Bulk N + Fitness Fungicide	30L + 290mL	3.11	a
LSD (0.05)			0.364	
CV			4.7	

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Wongan Hills - Rainfall (mm)



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Conclusions

- No statistical differences between any of the treatments
- Prosaro with no N yielded 2.96 t/ ha
- Tri CarboN + Prosaro yielded 3.15 t/ ha which is a 190kg increase
- Bulk N + Fitness Fungicide yielded 3.11 t/ ha which equates to a 150kg increase

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