



Loveland
AGRI PRODUCTS™

Trial Data

NutriSync M + Fungicide - Wheat

Temora, NSW

Trial Setup

- Plot size = 10m X 1.75m - 4 replicates

Planting date: *23/05/2017*

Site: *Temora, NSW*

Variety: *Beckom wheat - sown at 60kg/ ha*

GSP: *Sowing Fertiliser: MAP @ 75kg/ ha, treated Flutriafol @ 200mL/ ha*

Top Dress Fertiliser: Urea @ 150kg/ ha

Protocol: *Pre Sow: Panzer 450 @ 1.5Lt/ ha + Sakura @ 118gm/ ha + SP700 @ 250mL/ 100Lt*

Post Emergent: Precept @ 1.5Lt/ Ha + Lontrel @ 120gm/ ha + Liberate @ 500mL/ 100Lt

Trial Protocol

No.	Treatment	Applied Rate mL/ ha	Timing
T1	GSP	-	
T2	GSP + NutriSync M	365	Z60 - 61
T3	GSP + NutriSync M + Prosaro	365 + 150	Z60 - 61
T4	GSP + Prosaro	150	Z60 - 61
T5	GSP + NutriSync M	365	Z64 - 70
T6	GSP + NutriSync M + Prosaro	365 + 150	Z64 - 70
T7	GSP + Prosaro	150	Z64 - 70

Note: Prosaro treatments had LI700 at 250mL/ 100Lt

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Application Data

<i>Weather Condition</i>	<i>Timing 1 03/10/2017 Z60 - 61 T2-T3-T4</i>	<i>Timing 2 12/10/2017 Z64 - 70 T5-T6-T7</i>
<i>Temperature °C</i>	20.8	18.8
<i>Relative Humidity %</i>	33.5	48.1
<i>Wind Direction</i>	North West	West
<i>Wind Speed - KM/ Hr (Avg.)</i>	4.8	11.7
<i>Wind Speed - KM/ Hr (Max.)</i>	5.4	20.6
<i>Cloud Cover %</i>	0	0
<i>Time of Day</i>	11:00	16:15

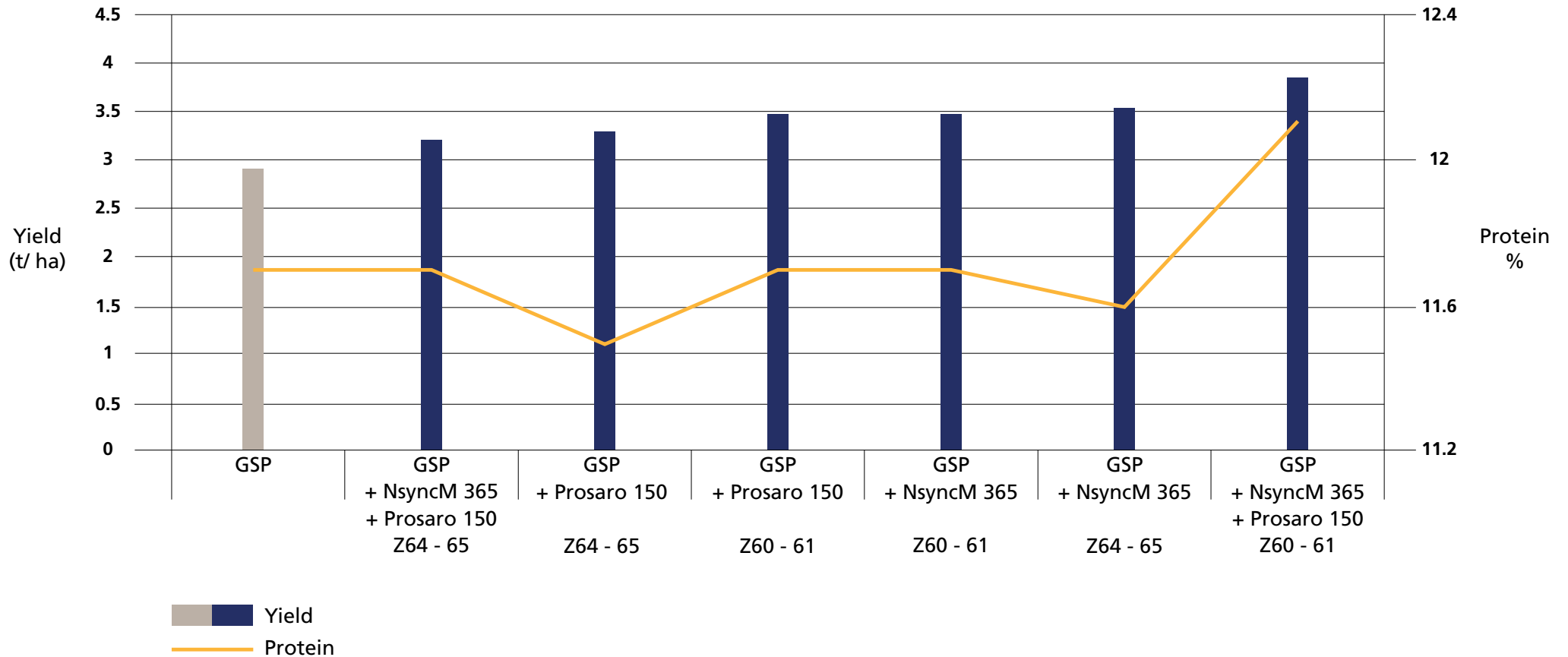
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Wheat Yield & Quality

Treatment	Timing	Applied Rate mL/ ha	Yield t/ ha	Protein %	Screening %	Test Weight
GSP	-	-	2.89 b	11.7	5.3	83
GSP + NutriSync M	Z60 - 61	365	3.46 ab	11.7	5.15	81.6
GSP + NutriSync M + Prosaro	Z60 - 61	365 + 150	3.83 a	12.1	5.05	83.2
GSP + Prosaro	Z60 - 61	150	3.45 ab	11.7	6.25	83.2
GSP + NutriSync M	Z64 - 70	365	3.52 a	11.6	4.65	81.8
GSP+ NutriSync M + Prosaro	Z64 - 70	365 + 150	3.22 ab	11.7	6.59	82
GSP + Prosaro	Z64 - 70	150	3.25 ab	11.5	4.55	83.6
		LSD (P=0.05)	0.613			
		CV	12.12			

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Wheat Yield vs Protein



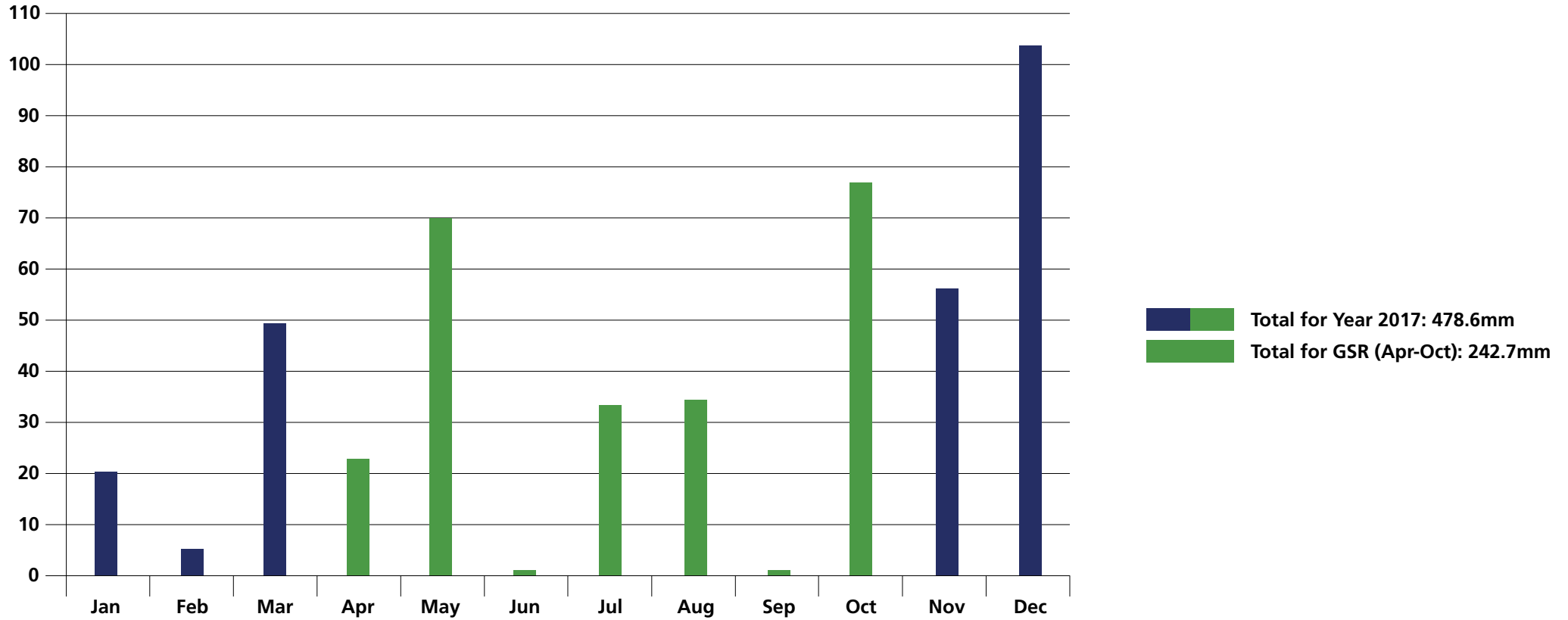
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October Rainfall & Temperature

October 2017																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Min Temp. °C	-1.3	-0.2	2.5	3.5	5.9	9.1	5.9	12.3	13.4	4	5	11	4.3	7.3	10.5	12.2	6.8	13.5	13.4	13	9.7	4.7	5.2	5.1	15.8	14.5	7.4	10.5	12.7	11.4	5.2	
Max Temp. °C	21.7	23.7	26.7	28.3	31.5	22.1	24.8	19	26.8	24.5	30	19.7	21.2	23.6	26.4	27.4	28.7	28.6	26	23.5	22.2	21.6	24.2	28.8	28.6	27.1	27.6	28.7	28.5	20.4	19.9	
Rainfall (mm)	0	0	0	0	0	0	0	8.8	9.8	0	2.4	13.4	0	0	0	0	0	0	26.4	3.6	0	0	0	0	0	0	0	0	11.4	0	1.4	0

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Temora - Rainfall (mm)



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Conclusions

- Significant difference in yield - range 2.89 - 3.83 t/ ha
- GSP + NutriSync M + Prosaro at Z60 - 61 had the highest yield: 3.83 t/ ha, 940kg more than GSP, this result occurred in the absence of leaf disease
- Treatments applied at Z60 - 61 generally performed better than Z64 - 70 which was applied about a week later
- Tank mixing with NutriSync M and fungicide Prosaro proved a worthwhile mix when applied at Z60 - 61, each product applied alone at Z64 - 70 proved superior for yield compared to tank mixing both
- No significant differences in protein between treatments