

# 2014 Loveland Agri Products Trial Data

NutriSync M foliar trial –  
Wheat – Billa Billa, Qld

# Trial Setup

- Fully randomised & replicated plot work – 6 replicates
- Plot size = 10 m X 1.76 m

Planting date	10/06/2014
Site	Billa Billa
Variety	Spitfire @ 50 kg/ha
GSP	MAP 60 kg/ha + Zinc 2%

# Trial Protocol

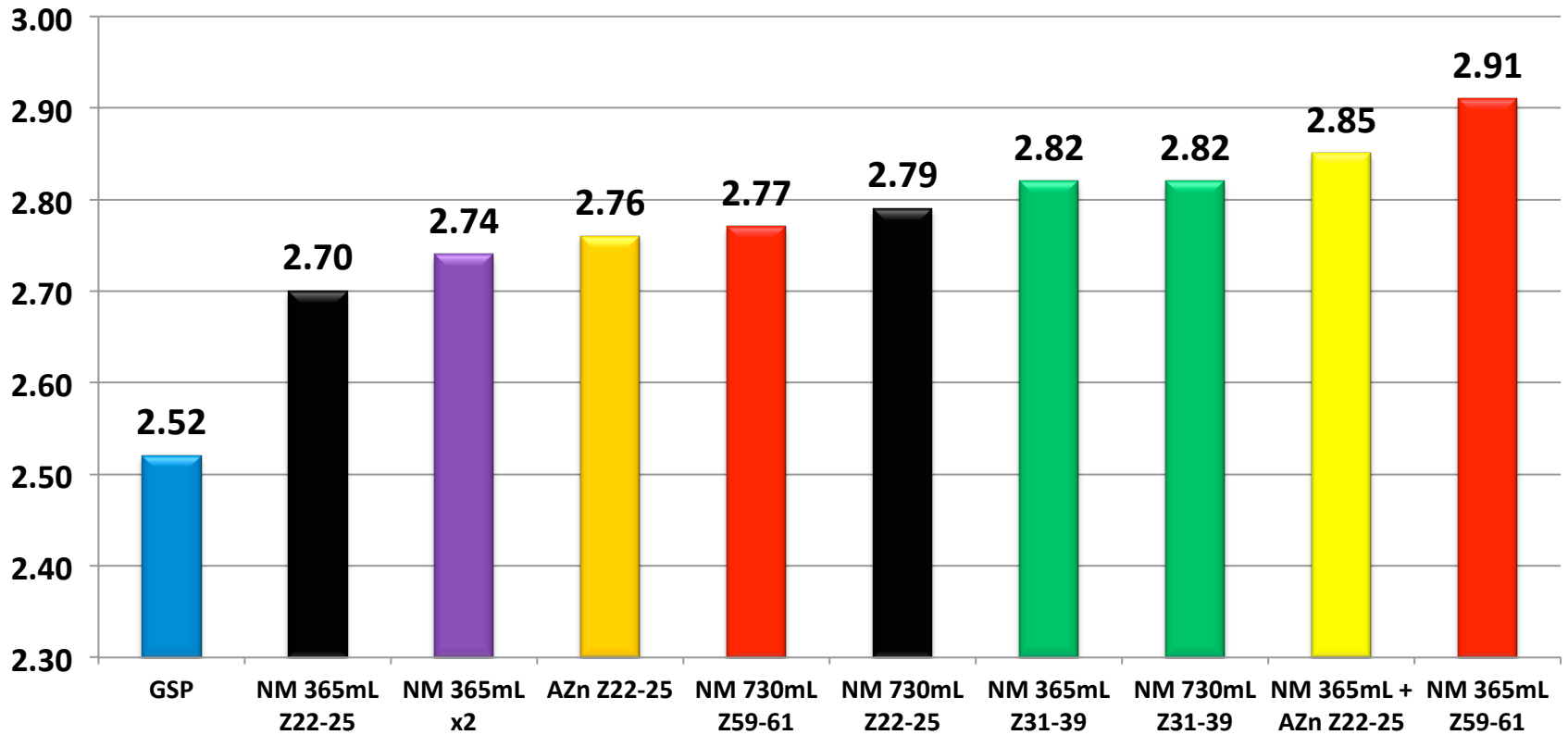
Treatment	Rate/ha	Timing
MAP + Zn 2% (GSP)	60 kg	Planting
GSP + NutriSync M	365 mL	Z22-25
GSP + NutriSync M + Activist Zinc	365 mL + 500 mL	Z22-25
GSP + Activist Zinc	500 mL	Z22-25
GSP + NutriSync M	730 mL	Z22-25
GSP + NutriSync M	365 mL	Z31-39
GSP + NutriSync M	730 mL	Z31-39
GSP + NutriSync M	365 mL	Z59-61
GSP + NutriSync M	730 mL	Z59-61
GSP + NutriSync M x2	365 mL	Z31-39 + Z59-61

# Wheat Yield - T/ha

Treatment	Rate/ha	Yield T/ha	Protein %
MAP + Zn 2% (GSP)	60 kg	2.52	12.9
GSP + NutriSync M @ Z22 - 25	365 mL	2.70	13.3
GSP + NutriSync M + Activist Zinc Z22-25	365 mL + 500 mL	2.85	13.1
GSP + Activist Zinc Z22 - 25	500 mL	2.76	13.4
GSP + NutriSync M Z22 - 25	730 mL	2.79	13.0
GSP + NutriSync M Z31 - 39	365 mL	2.82	13.7
GSP + NutriSync M Z31 - 39	730 mL	2.82	13.1
GSP + NutriSync M Z59 - 61	365 mL	2.91	12.7
GSP + NutriSync M Z59 - 61	730 mL	2.77	13.1
GSP + NutriSync M x2 Z31- 39 & Z59 - 61	365 mL	2.74	13.2

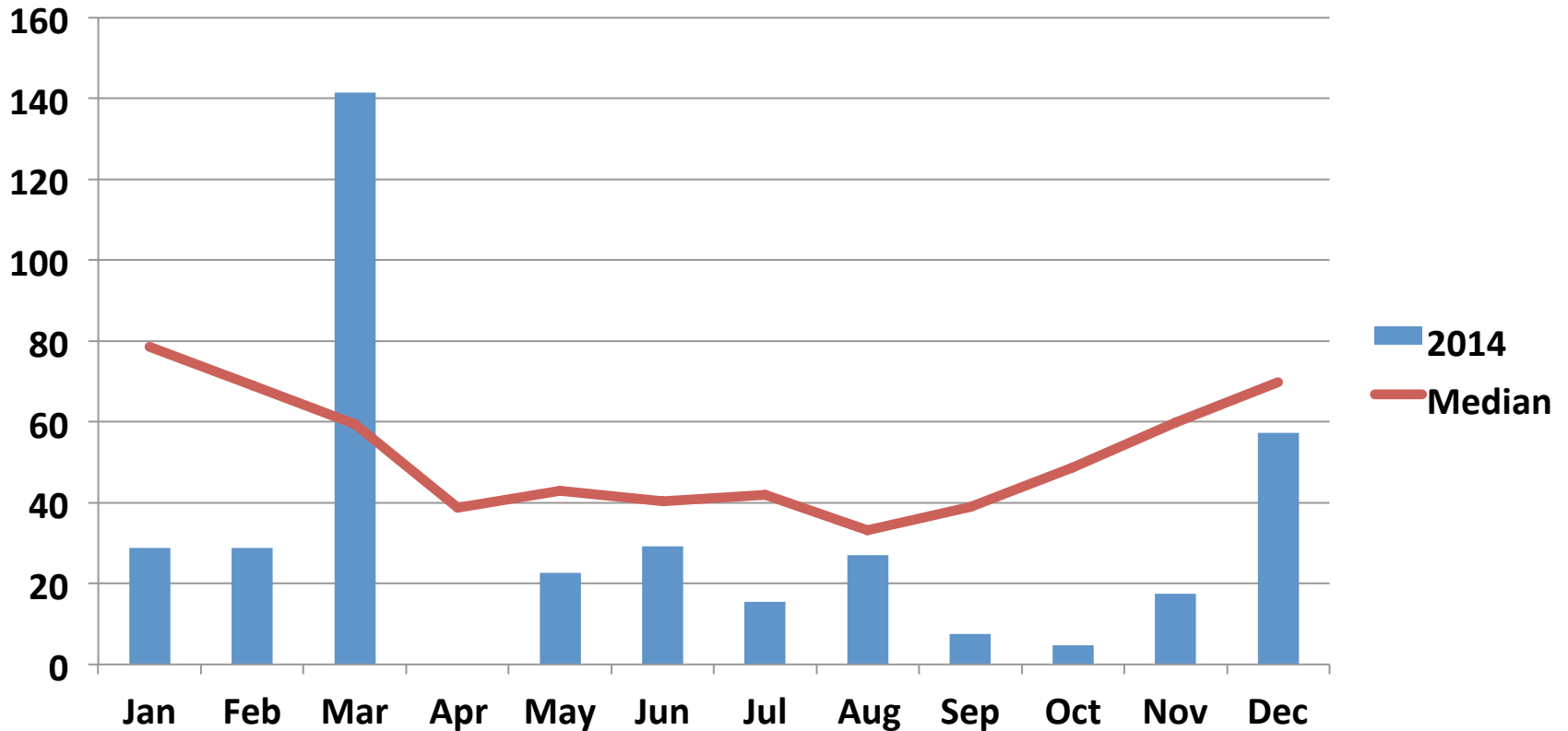
LSD (P=.05) = 0.230 CV = 7.1

# Wheat Yield - T/Ha



LSD (P=.05) = 0.230 CV = 7.1

# Goondiwindi – Rainfall (mm)



# Conclusions

- As has been seen in the past four seasons NutriSync M has shown to increase yield in cereals – over a wide window of application timings.
- 6 of the 8 NutriSync M treatments were statistically significant at LSD 0.05 and all treatments improve yield compared to the GSP.
- The addition of NutriSync M @ 365ml/ha has improved the performance of Activist Zinc compared to the application of Activist Zinc alone. This trend has now been seen in a number of foliar trace element trials with NutriSync now.