2014 Loveland Agri Products Trial Data

Basis Trial - Wheat

Temora, NSW

Trial Setup

- Fully randomised & replicated plot work – 15 replicates
- Plot size = 20 m X 1.76 m

Planting date	17/04/2014
Site	Temora Research Station
Variety	EGA Wedgetail @ 60 kg/ha
GSP	MAP @ 80 kg/ha + Flutriafol @ 3 L/T

Trial Protocol

Treatment	Rate/ha	Timing
Nil Fertiliser	----	----
MAP (GSP)	80 kg	Planting
MAP + Basis	80 kg + 4 L/T	Planting
MAP + Basis	64 kg + 4 L/T	Planting

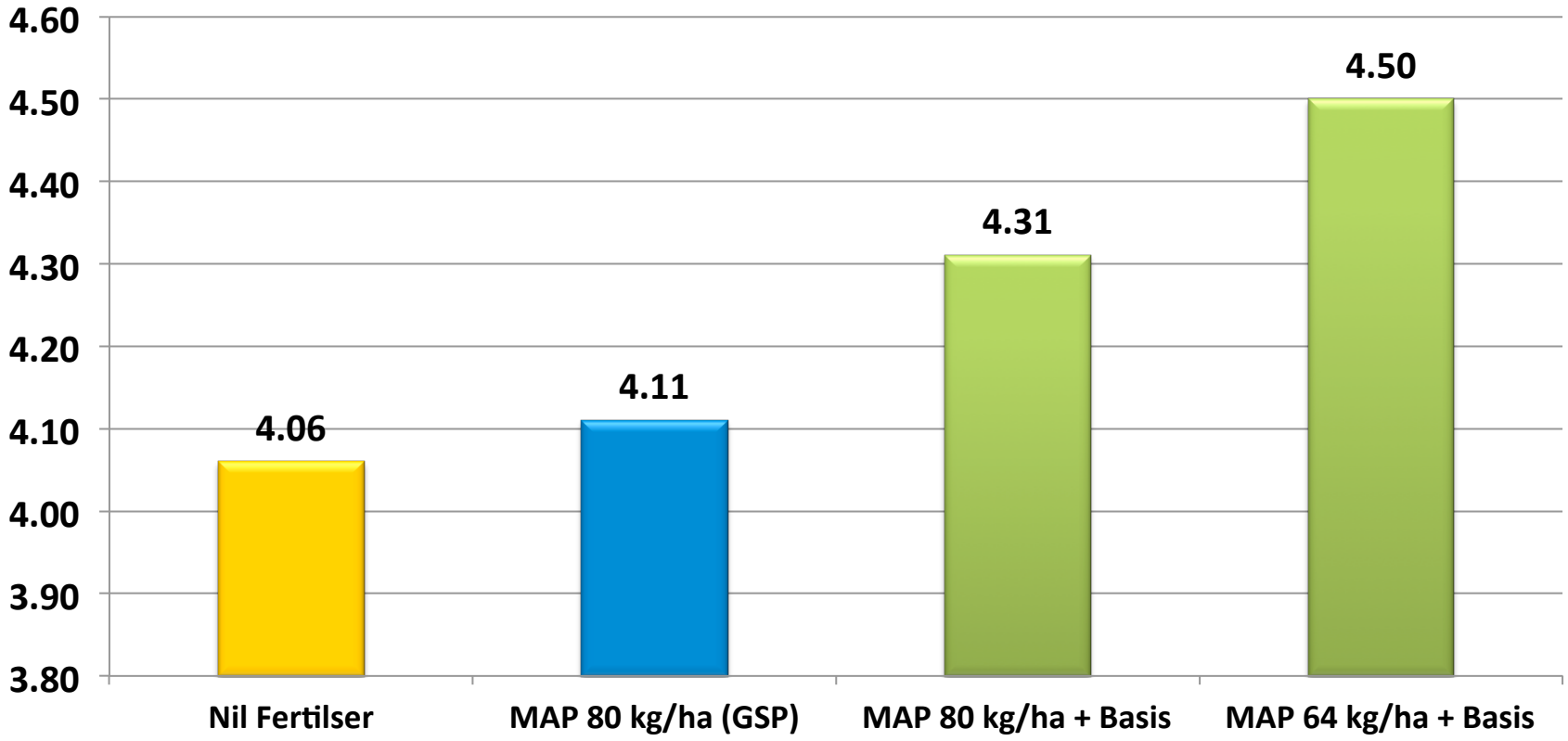
Note: All MAP treated with Flutriafol at 3 L/T

Wheat Yield - T/ha

Treatment	Rate/ha	Yield T/ha	Protein %
Nil Fertiliser	----	4.06	13.7
MAP (GSP)	80 kg	4.11	15.3
MAP + Basis	80 kg + 4 L/T	4.31	15.3
MAP + Basis	64 kg + 4 L/T	4.50	14.6

LSD (P=.05) = 0.317 CV = 10.1

Wheat Yield - T/Ha



LSD (P=.05) = 0.317 CV = 10.1

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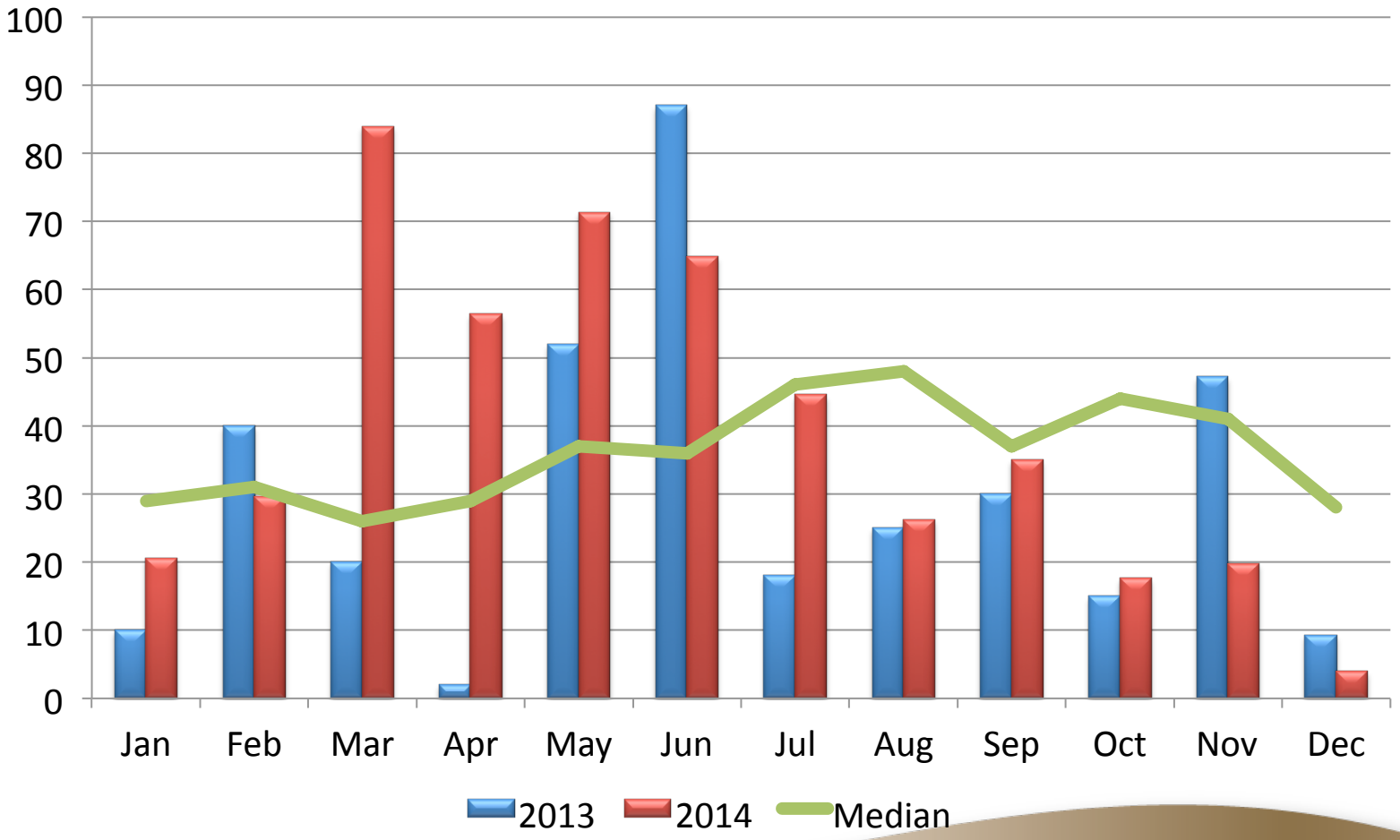
Temora Research Station - Rainfall



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Conclusions

- Trial sown using MAP with Flutriafol commercially applied and Basis applied by hand mixer.
- Nil fertiliser plots emerged first followed by both Basis treatments then GSP(MAP 80kg/ha), from 1 month post sow till maturity Basis + MAP 80kg/ha appeared the best treatment in this trial the lack of rain at seasons end possibly contributed to this treatment not out yielding all other treatments.
- The lower rate of MAP + Basis (64kg/ha) out yielded all treatments in this trial with the results statistically better when compared to Nil fertiliser and GSP.
- MAP + Basis (80 kg/ha) at plant emergence recorded a significant improvement for plant establishment compared to both Nil and GSP.