2014 Loveland Agri Products Trial Data

Maximum N-Pact foliar - Canola

York, WA

Trial Setup

- Fully randomised & replicated plot work – 6 replicates
- Plot size = 2.5 m X 10 m

Planting date	12/05/2014
Site	York, WA
Variety	Snapper TT @ 3 kg/ha
GSP	K-Till Mn 120 kg/ha + Urea 110 kg/ha

Trial Protocol

Treatment	Rate/ha	Timing
GSP	----	----
GSP + Maximum N-Pact	10 L	4 - 6 leaf stage
GSP + UAN	40 L	4 - 6 leaf stage
GSP + Maximum N-Pact	10 L	Prior to stem elongation
GSP + UAN	40 L	Prior to stem elongation
GSP + Maximum N-Pact	10 L	End of flowering
GSP + UAN	40 L	End of flowering

Maximum N-Pact: 29-0-0 w/v

UAN: 42-0-0 w/v

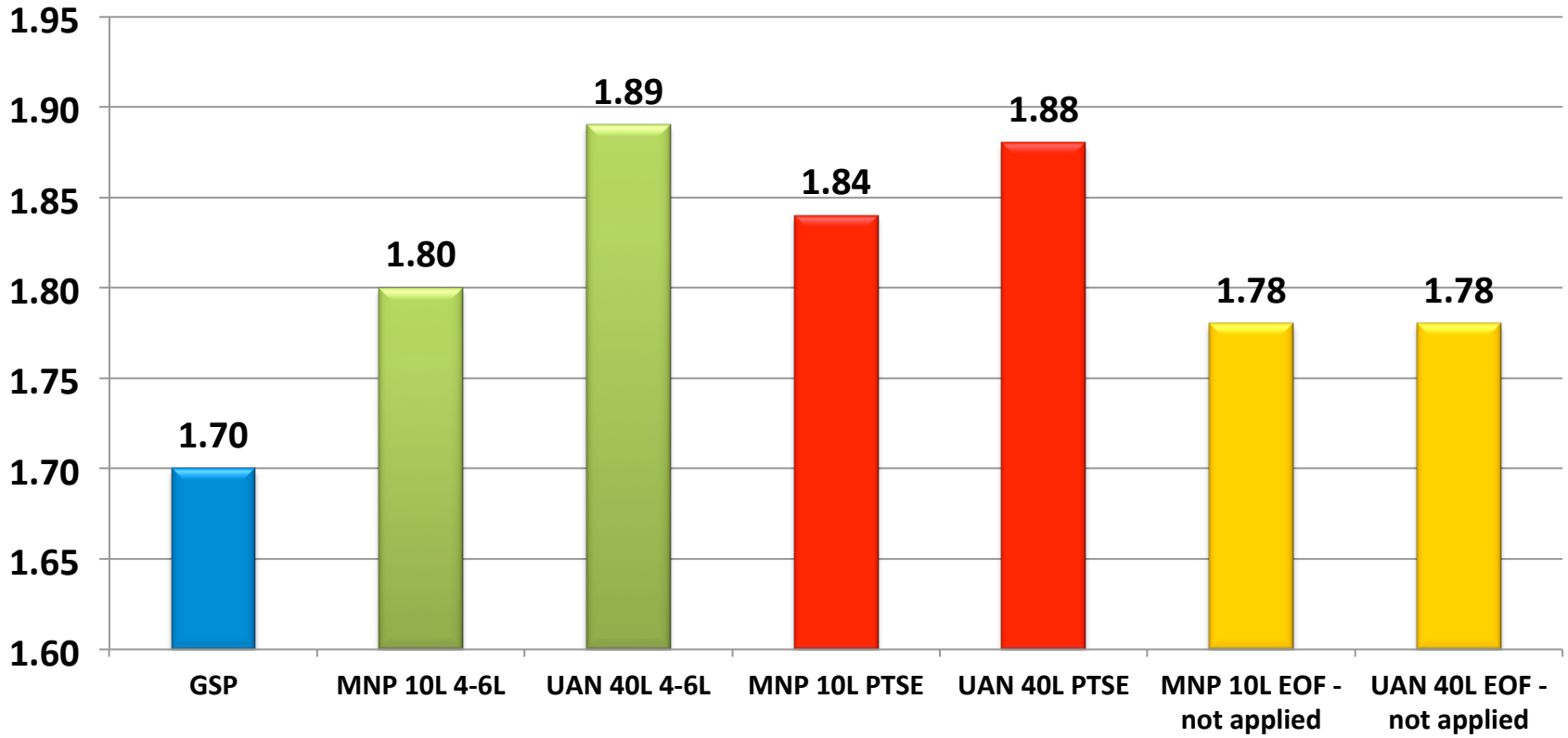
Canola Yield - T/ha

Treatment	Rate/ha	Yield T/ha	Oil %
GSP	----	1.70	50.8
GSP + Maximum N-Pact	10 L	1.80	50.7
GSP + UAN	40 L	1.88	50.3
GSP + Maximum N-Pact	10 L	1.84	50.4
GSP + UAN	40 L	1.88	50.4
GSP + Maximum N-Pact	10 L	1.78 **	50.8
GSP + UAN	40 L	1.78 **	50.8

** Not applied because canola crop was too tall to apply the treatment with standard hand-boom.

LSD (P=.05) = 0.122 CV = 5.7

Canola Yield - T/Ha



LSD (P=.05) = 0.122 CV = 5.7

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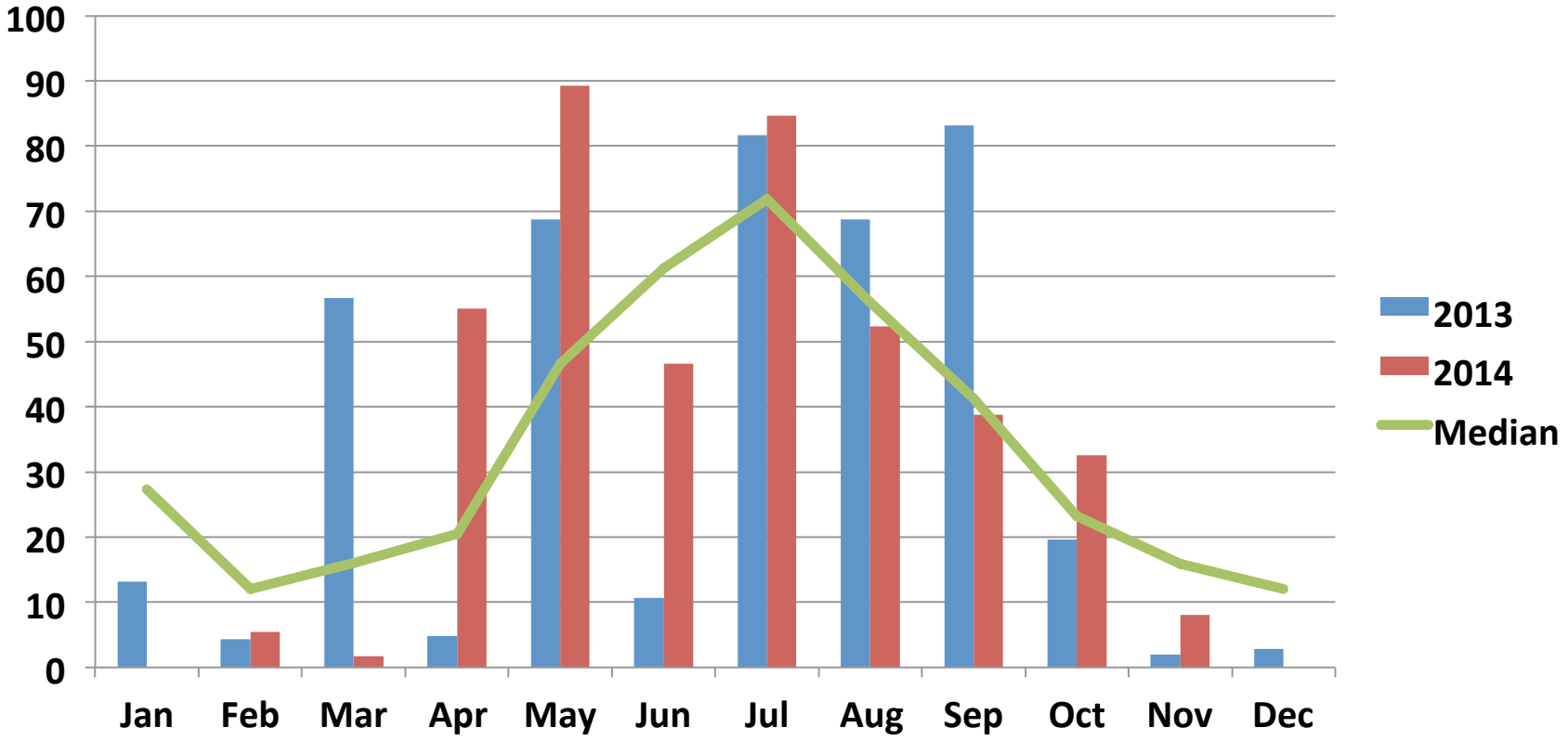
York – Rainfall (mm)



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Conclusions

- This trial demonstrates the efficiency of 10L/ha Maximum N Pact compared to 40L/ha UAN with no significant differences in yield or oil %.

- Maximum N Pact offers excellent efficiency when it is a applied to crops which have adequate baseline nutrition.

- Maximum N Pact is compatible with other mixing partners providing the opportunity for a one pass operation for the grower.