



Loveland
AGRI PRODUCTS™

Trial Data

Maximum N-Pact + Nutrisync D - Canola

Northampton, WA

Trial Setup

Planting date: *10/05/2016*

Site: *Northampton, WA*

Variety: *Hyola 404 RR at 3kg/ ha*

GSP: *95kg/ ha Mallee (15 N, 12 P, 12 S)*
95kg/ ha Urea (44 N) at sowing

Protocol: *Chemical: IBS,*
1kg Propyzamide
1L Cobalt
1.5L Roundup

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Treatments

No.	Treatment	Timing	Units N	Cost \$/ ha
1	Control	-	59 kg/ ha	-
2	Maximum N-Pact 10L	6 leaf	62 kg/ ha	30
3	Maximum N-Pact 10L + Nutrisync D 365mL	6 leaf	62 kg/ ha	43
4	Maximum N-Pact 10L + Nutrisync D 365mL + Maximum N-Pact 10L	Split	65 kg/ ha	73
5	UAN 40L + Nutrisync D 365mL	6 leaf	76 kg/ ha	34
6	UAN 40L	6 leaf	76 kg/ ha	21
7	Maximum N-Pact 20L	Mid Flower	65 kg/ ha	60
8	UAN 40L + Nutrisync D 365mL + UAN 40L	Split	93 kg/ ha	55
9	UAN 80L	Mid Flower	93 kg/ ha	42

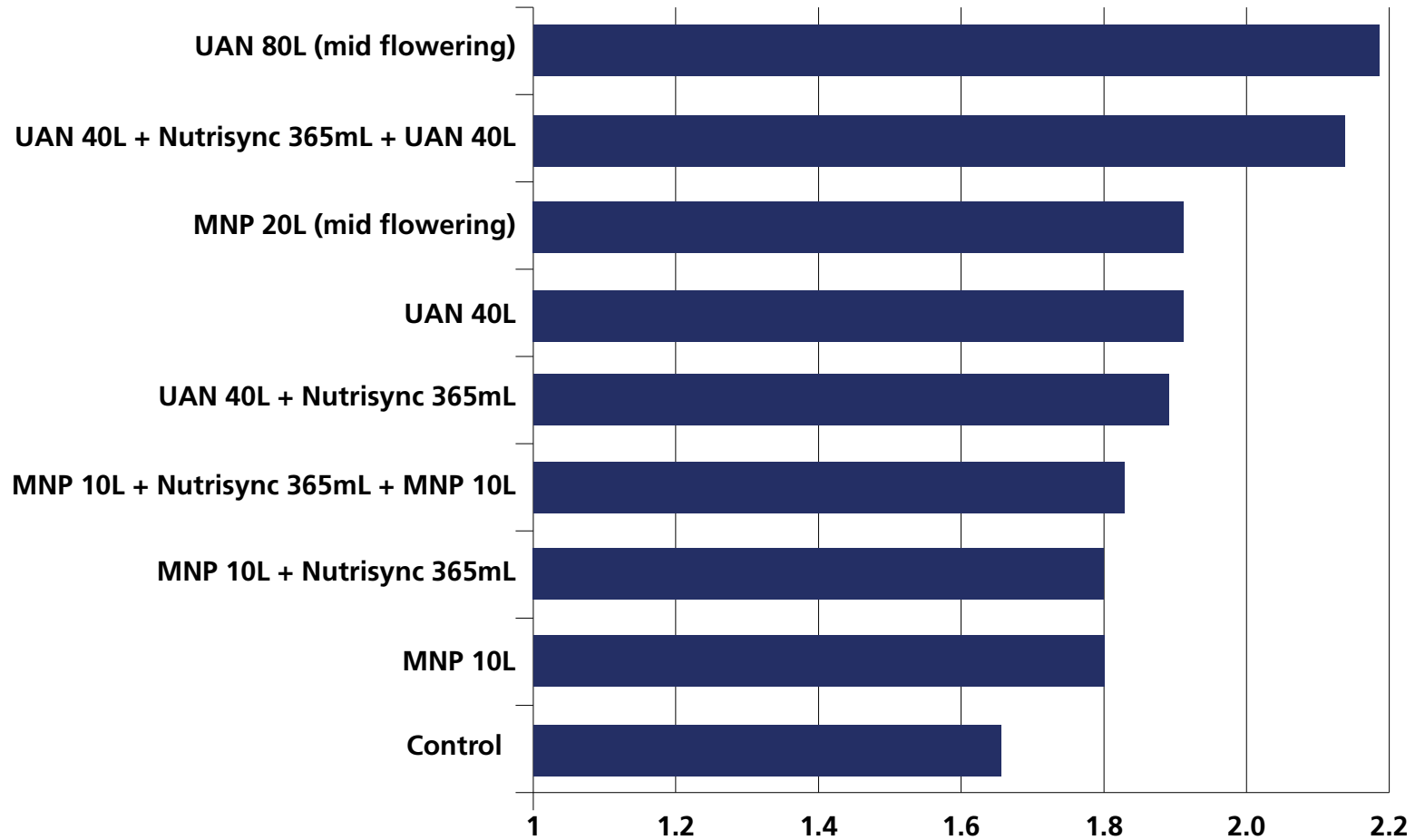
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Nitrogen in Canola

No.	Treatment	Applied Rate Lt/ ha	Grain Yield t/ ha	Stats	Oil %
1	Control	-	1.68	c	49.7
2	Maximum N-Pact	10	1.80	c	51.0
3	Maximum N-Pact + Nutrisync M	10 + 365mL	1.80	c	50.9
4	Maximum N-Pact + Nutrisync M + Maximum N-Pact	10 + 365mL + 10	1.82	c	50.8
5	UAN + Nutrisync M	40 + 365mL	1.88	c	51.3
6	UAN	40	1.89	bc	51.1
7	Maximum N-Pact (mid flowering)	20	1.89	bc	51.0
8	UAN + Nutrisync D + UAN	40 + 365mL + 40	2.14	ab	50.9
9	UAN (mid flowering)	80	2.19	a	51.5
		LSD (P=0.05)	0.253		
		CV	7.68		

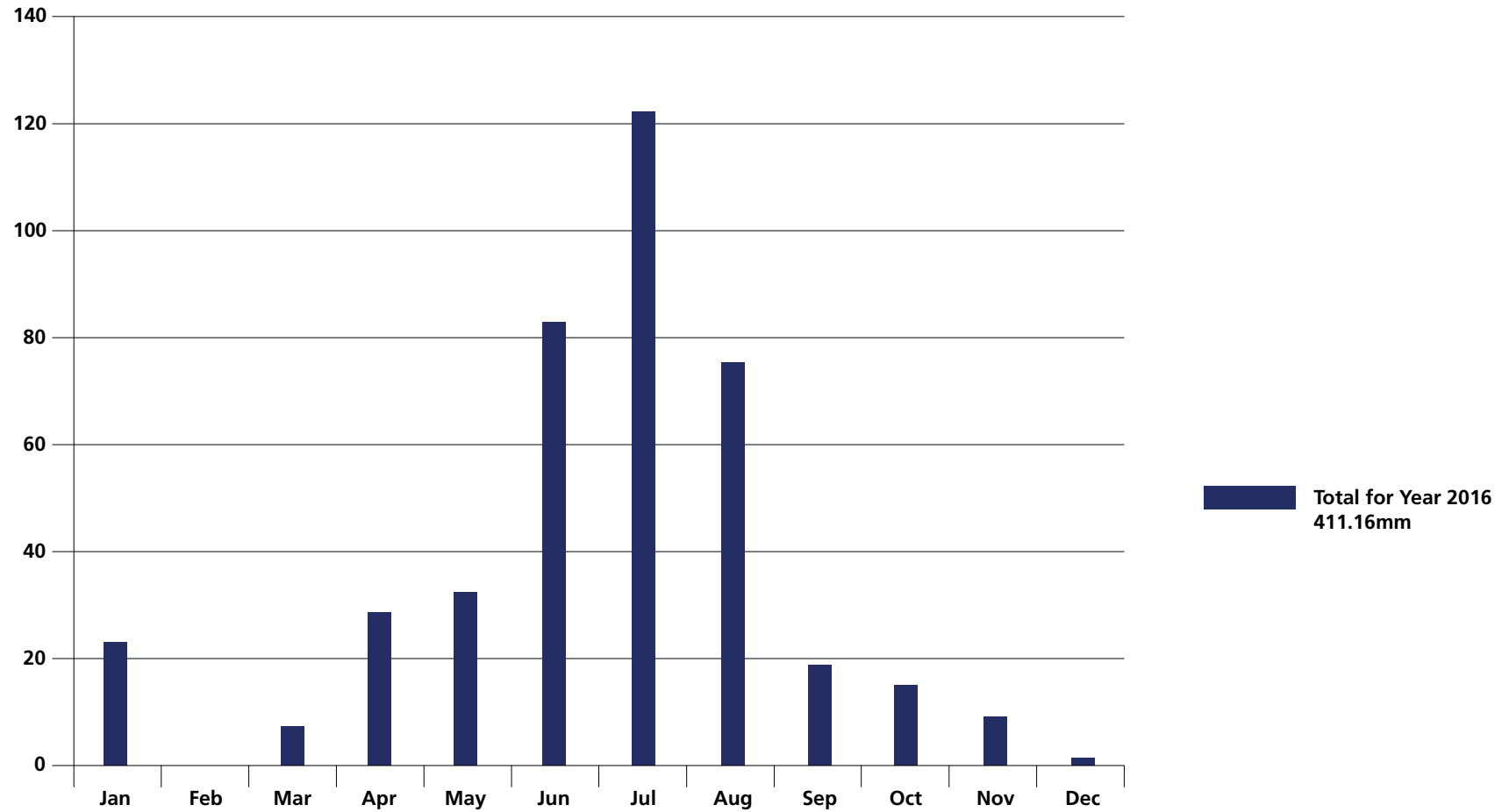
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Nitrogen in Canola



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Northampton, WA - Rainfall (mm)



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Conclusions

- Good growing conditions were experienced at Northampton in 2016 with yields ranging from 1.68 - 2.19 t/ ha despite a late break to the season
- Whilst Maximum N-Pact has less units of N than UAN per unit volume, it has better leaf uptake and crop safety than UAN
- 10 and 20L/ ha of Maximum N-Pact has been matched up against 40 and 80L/ ha of UAN. From a yield perspective 20L/ ha of Maximum N-Pact gave the same yield as 40L/ ha of UAN at 1.89 t/ ha
- No yield penalty was observed from delaying the nitrogen timing from the traditional 6 leaf until mid-flowering (late Prosaro application). All treatments of equivalent nitrogen rates not significantly different