



Loveland

AGRI PRODUCTS
Get Growing

SE14 Canola – Black Label Zinc
Western Australia

LOV16

Trial Design



- LOCATION: Southern WA
- Landmark Contact/ Co-operator: Brad Westphal
- Sites including Kojonup

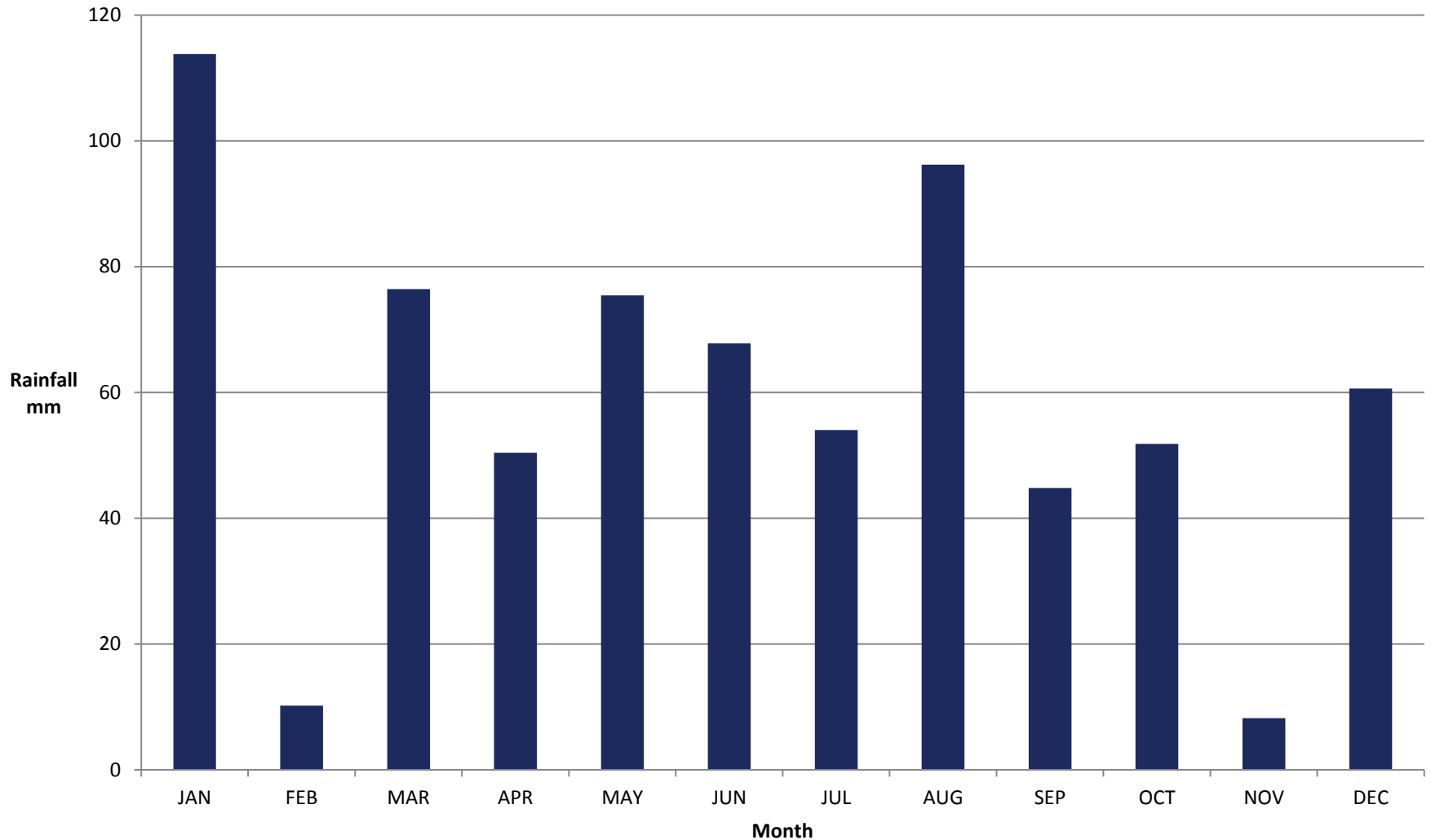
Seeding Date	25th April 2016
Site	Kojonup
Variety	GT50 RR @ 2kg/ha
Protocol	Herbicides: Ultramax 2 Lt/ha + Treflan 2 Lt/ha IBS +Talstar 120 ml/ha + Chlorpyrifos 1 Lt/ha PSPE Select 500ml/ha + Verdict 100 ml/ha + Chlorpyrifos 1 Lt/ha @ 4 Leaf, 450 ml/ha Prosaro 20% Flowering. Treatments with Rates of SE14 and FoundationLM, BlackLabel Zinc as well as Zinc and Manganese Oxide products. All products were banded with the fertilizer, approximately 2 cm directly below the seed.
Nutrition:	125 N, 17 P, 10 K, 10 S MES10 @ 100kg/ha + MOP banded @ 20 kg/ha + Urea @ 80 kg/ha IBS, 40 lt/ha Carb N @ 4 leaf (1.5% FoundationLM + 1.5% BlackLabel Zn) + 2.5lt/ha LoKomotive 4-6 Leaf, 130 kg/ha Urea @ 6-8 Leaf,

SE14 canola - BLZn



Trt	Treatment		Rate	5/05/2016		30/05/2016		YIELD	
No.	Name	Rate	Unit	plants m		plants m		T-MET	
1	UTC			13	a	30	c	2.19	a
2	SE14	1	l/ha	25	a	36	abc	2.2	a
3	SE14	2	l/ha	25	a	42	a	2.16	a
4	SE14	3	l/ha	26	a	39	ab	2.22	a
5	SE14	2	l/ha	24	a	41	ab	2.2	a
	Foundation LM	2.5	l/ha						
6	SE14	2	l/ha	33	a	35	bc	2.31	a
	BlackLabel Zinc	2.5	l/ha						
7	SE14	2	l/ha	27	a	40	ab	2.24	a
	Zinc Oxide	500	ml/ha						
8	Manganese Oxide	1	l/ha	25	a	35	abc	2.24	a
9	SE14	2	l/ha	31	a	32	c	2.29	a
	Manganese Oxide	1	l/ha						
LSD P=.05				10.37		6.87		0.224	
CV				23.46		10.85		5.8	
Treatment Prob(F)				0.0539		0.0197		0.883	

Kojonup WA Rainfall 2016 total – 709.6 mm



Conclusion

- A wetter than average start to the season and an average winter helped the untreated in this trial which was setup to evaluate various products to assist germination on non wetting soil.
- All treatments which included SE 14 improved plant establishment.
- BLZN and Foundation LM when applied with SE 14 appeared to show some benefit in a wetter than normal season.