



Loveland

AGRI PRODUCTS
Get Growing

2015 SA Trial Data

Loveland Nutritional Products in Barley - Awaken ST ,
Basis, Activist Zn vs Untreated Control.
Minlaton, SA.

Trial Protocol

- Fully randomised & replicated plot work – 4 replicates
- Plot size = 10mX 1.7m
- Treatments applied –
 - Activist Zinc
 - Awaken ST
 - Untreated Control
 - Basis on fertiliser
- Application Date – 15th May 2015.

Seeding Date	15th May 2015
Site	Minlaton, SA.
Variety	Barley @ 90 kg/ha
Protocol	Applied @ seeding to seed or fertiliser
GSP	Zinc Star @ 100 kg/ha + SOA @ 50kg/ha

MAP	N	P	K	S	Ca	Cu	Zn
	10	22	---	1.6	--	--	--

Paddock Soil Tests

- Soil test is available for the 2015 season, but nothing to date.
- Approx. 25 ppm Colwell P, and 2ppm Zinc.
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MAP : 10-22-0-1.6

Treatments

Treatment	Treatment	Applied Rate
1	Activist Zinc	2 L / t seed
2	Awaken ST	4 L / t seed
3	Untreated Control	---
4	Basis on Fertiliser	4.0 L / t



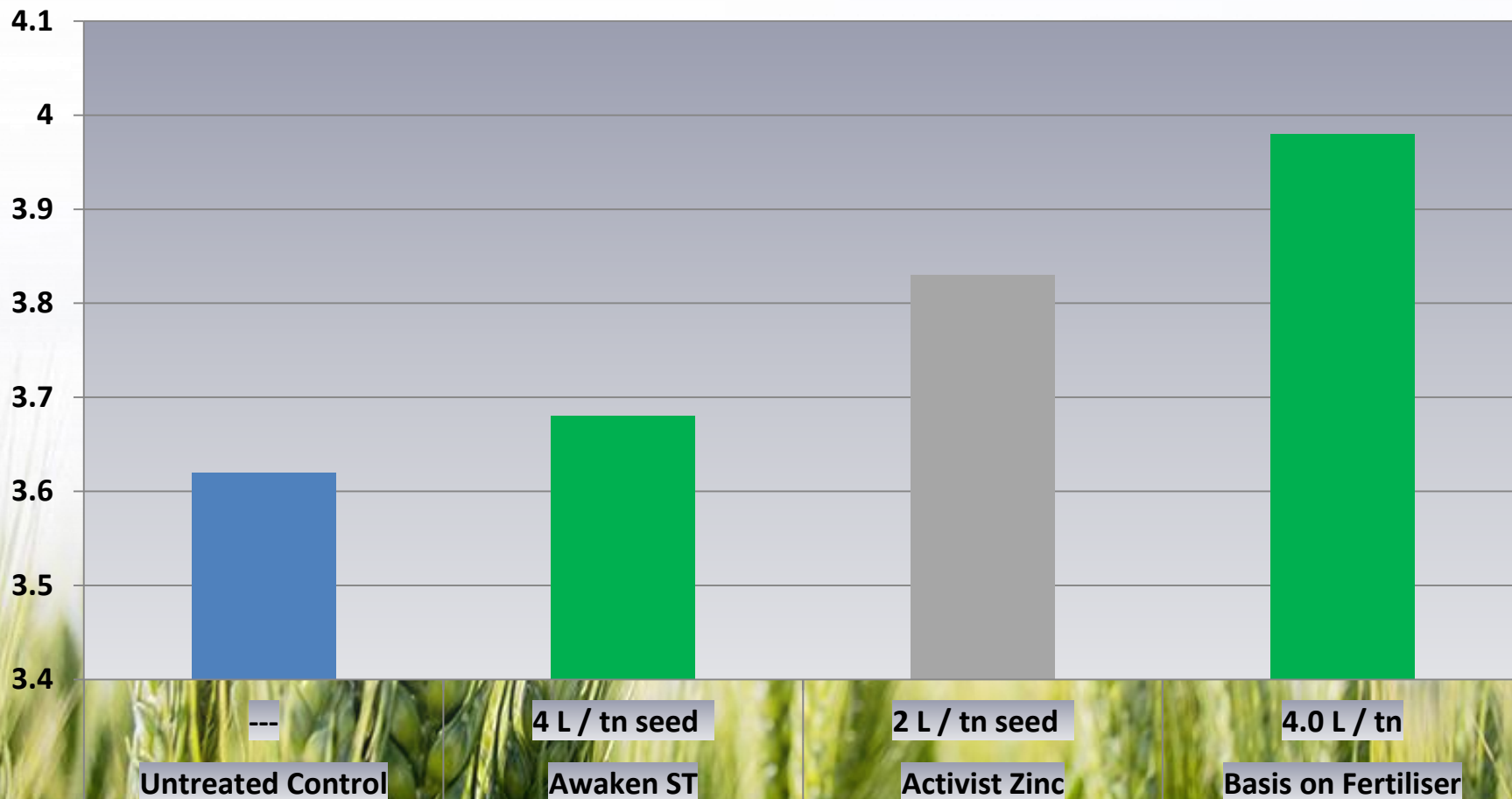
Wheat – Grain Yield

Product	Applied Rate	Yield t/ha	Yield % of UTC
Activist Zinc	2 L / tn seed	3.83	106
Awaken ST	4 L / tn seed	3.68	102
Untreated Control	---	3.62	100
Basis on Fertiliser	4.0 L / tn	3.98	110

LSD (P=0.05) = 0. CV = %

Barley Grain Yield

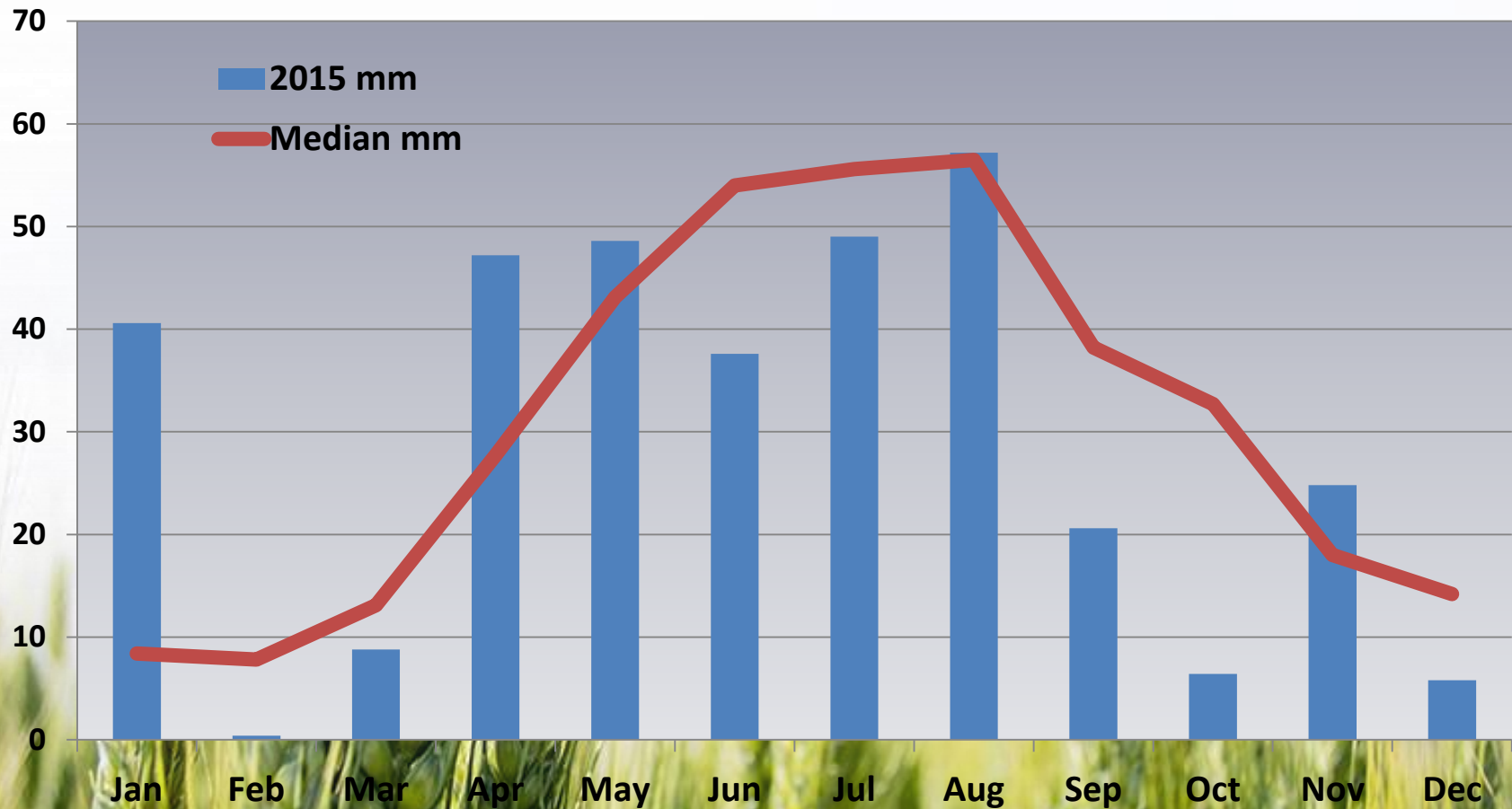
Yield – t/ha



LSD (P=0.05) = CV = %

Minlaton, SA. Rainfall

mm



Conclusions

- Trial conducted in a barley crop @ Minlaton on the Yorke Peninsula SA
- All applied treatments out yielded the control which provided an economic response for all treatments when compared to the control
- Basis applied @ 4lt/t of Zinc star starter fertiliser was the superior treatment in the trial out yielding the control by 10%, Basis appears a suitable addition to a starter fertiliser program @ Minlaton SA.
- Awaken ST provided a suitable ROI in this trial.