



Loveland

AGRI PRODUCTS
Get Growing

2015 WA Trial Data
Black Label Zinc in Canola, Narrogin, WA.

Trial Protocol

- Fully randomised & replicated plot work – 3 replicates
- Plot size = 18m X 1.6m
- Treatments applied – Black Label Zn.
- Application Date – 15th May 2015 – banded @ seeding.

Seeding Date	15th May 2015
Site	Narrogin, WA.
Variety	Stingray TT Canola @ 2.5 kg/ha 5.0 lt/tn Poncho Plus & 5.0 lt/tn Awaken ST
Protocol	3 rates BLZN BLZN banded 2cm below seed in 130 lt/ha liquid band
GSP	K Till Extra @ 120 kg/ha + Urea @ 70 kg/ha

K Till Extra	N	P	K	S	Ca	Cu	Zn
	10.2	12.0	11.2	6.0	---	0.10	0.20

Paddock Soil Tests

Treatment #	0 - 10cm	10cm - 20cm
pH (CaCl ₂)	4.7	4.7
EC	0.082	0.012
Organic C	2.04	0.03
P (Colwell)	13	8
PBI + P(Colwell)	35	37
K (Colwell)	27	16



Treatments

Treatment #	Treatment	Applied Rate
T1	GSP	----
T2	Black Label Zn	5.0 lt/ha
T3	Black Label Zn	10.0 lt/ha
T4	Black Label Zn	20.0 lt/ha



Canola – Early Vigour / Biomass

Treatment #	Treatment	Applied Rate	Biomass Estimate
T1	GSP	----	n/a
T2	Black Label Zn	5.0 lt/ha	n/a
T3	Black Label Zn	10.0 lt/ha	n/a
T4	Black Label Zn	20.0 lt/ha	n/a

- No visual differences in establishment, early vigour or biomass at cabbaging.
- No visual differences in time to flowering.

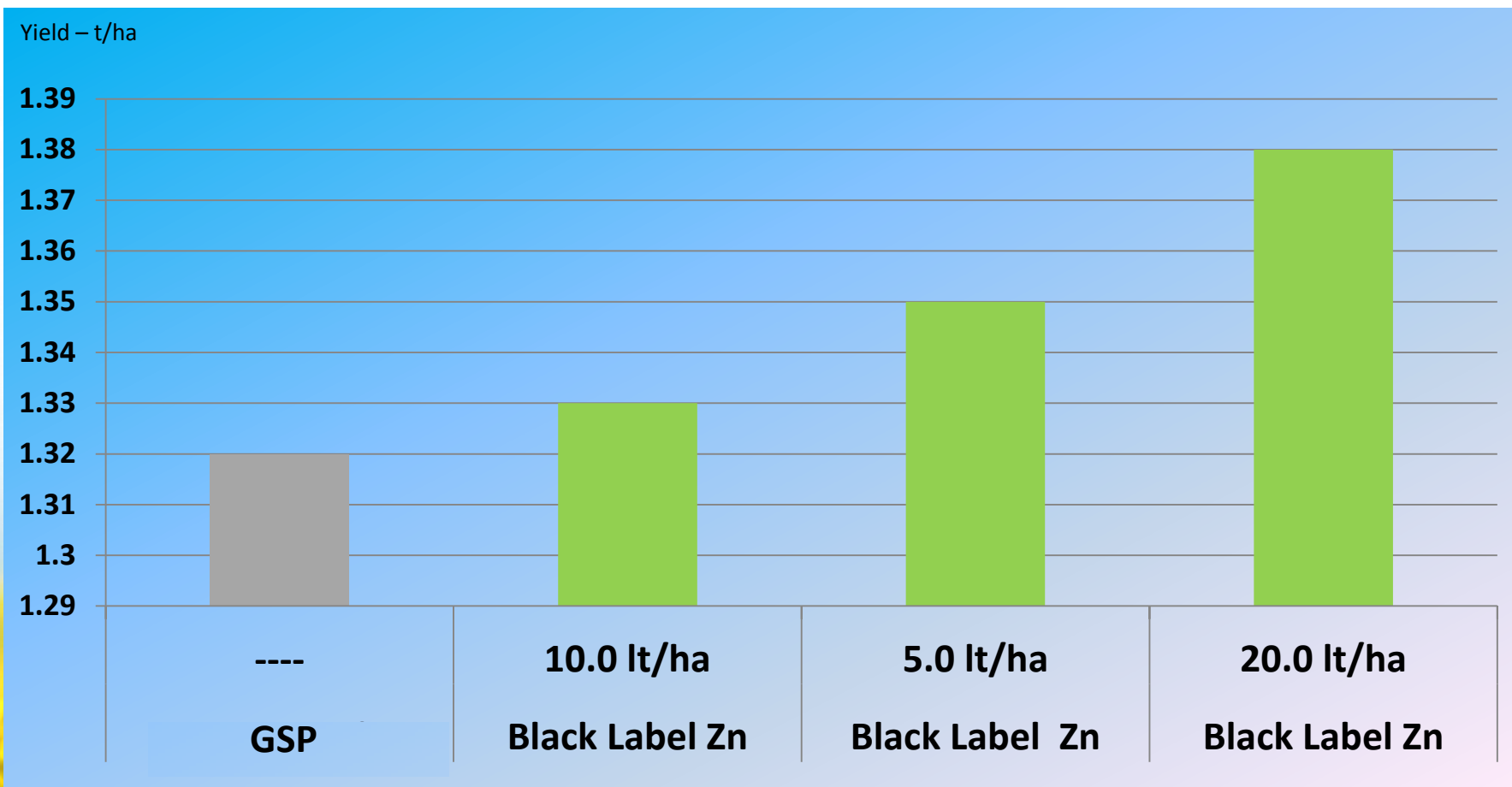
Canola Grain Yield

Treatment #	Treatment	Applied Rate	Grain Yield t/ha	Oil %
T1	GSP	----	1.32	n/a
T2	Black Label Zn	5.0 lt/ha	1.35	n/a
T3	Black Label Zn	10.0 lt/ha	1.33	n/a
T4	Black Label Zn	20.0 lt/ha	1.38	n/a

- Oil % still to be tested.

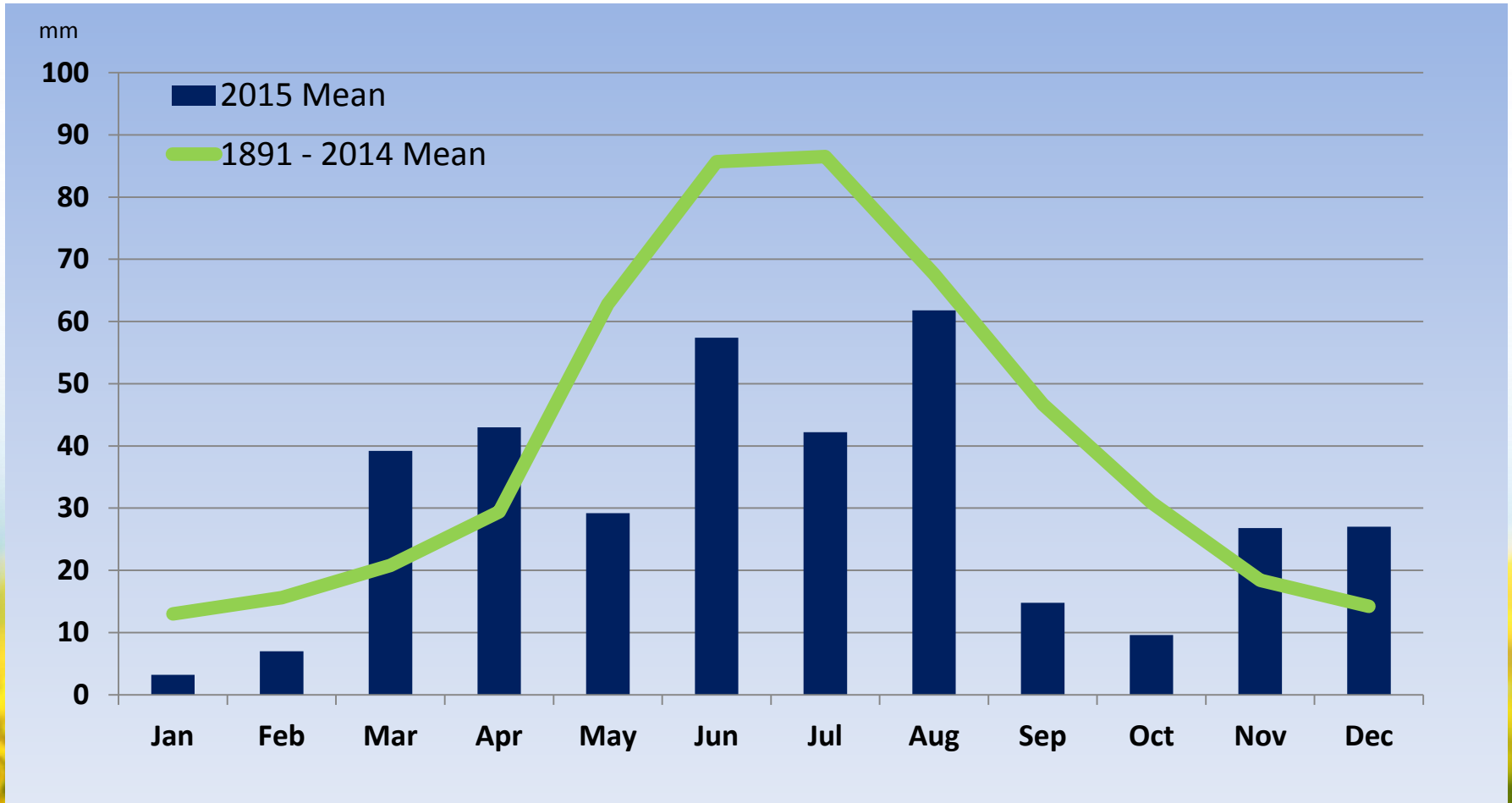
LSD (P=0.05) = 0.135 CV = 5.02

Canola- Grain Yield



LSD (P=0.05) = 0.135 CV = 5.02

Narrogin Rainfall



Conclusions

- Did not see any vigour differences in emergence, early vigour, or biomass @ cabbaging or flowering.
- Soil type was gravelly sand, acidic & non wetting. See Soil Test on page 3.
- Banding Black Label Zn gave a positive response in grain yield.

