



Loveland

AGRI PRODUCTS
Get Growing

2015 WA Trial Data
Foundation LM in Barley, Wellstead, WA.

Trial Protocol

- Fully randomised & replicated plot work – 3 replicates
- Plot size = 18m X 1.6m
- Treatments applied – Foundation LM.
- Application Date – 14th May 2015 – banded @ seeding.

Seeding Date	14th May 2015
Site	Wellstead, WA.
Variety	Flinders Barley @ 70 kg/ha with Baytan
Protocol	Foundation LM banded into furrow @ 130 Lt/ha with 4.0 L/t applied.
GSP	K Till Extra @ 120 kg/ha + Urea @ 60 kg/ha IBS

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)	5.7	4.6
EC	0.058	0.027
Organic C	2.67	1.26
P (Colwell)	25	32
PBI + P(Colwell)	28	21
Gravel	5	15-20

K Till : 10-12-11-6

Treatments

Treatment #	Treatment	Applied Rate
T1	Untreated	----
T2	Foundation LM	2.5 L/ha
T3	Foundation LM	5 L/ha

K Till : 10-12-11-6

Barley – Early Vigour / Biomass

Treatment #	Treatment	Applied Rate	Biomass Estimate
T1	Untreated	----	n/a
T2	Foundation LM	2.5 lt/ha	n/a
T3	Foundation LM	5 lt/ha	n/a

- No visual differences in root development at Z13.
- No visual differences in biomass during tillering.

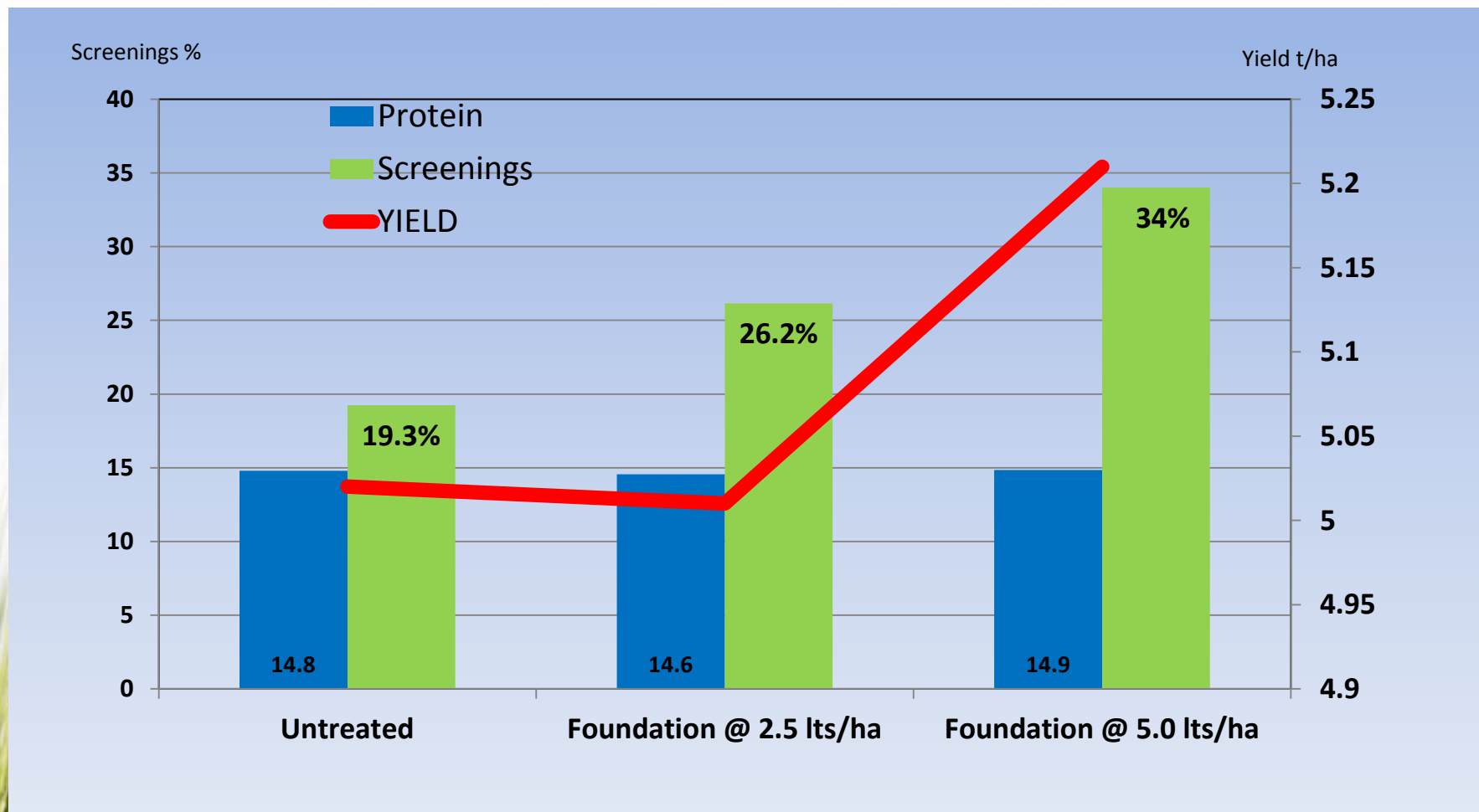
K Till : 10-12-11-6

Barley Grain Yield

Treatment #	Product	Applied Rate	Grain Yield t/ha	Protein %	Hect Ltr Weight	Screenings %
T1	Untreated	----	5.02	14.8	65	19.3
T2	Foundation LM	2.5 lt/ha	5.01	14.6	64.7	26.2
T3	Foundation LM	5 lt/ha	5.21	14.9	62.8	34.0

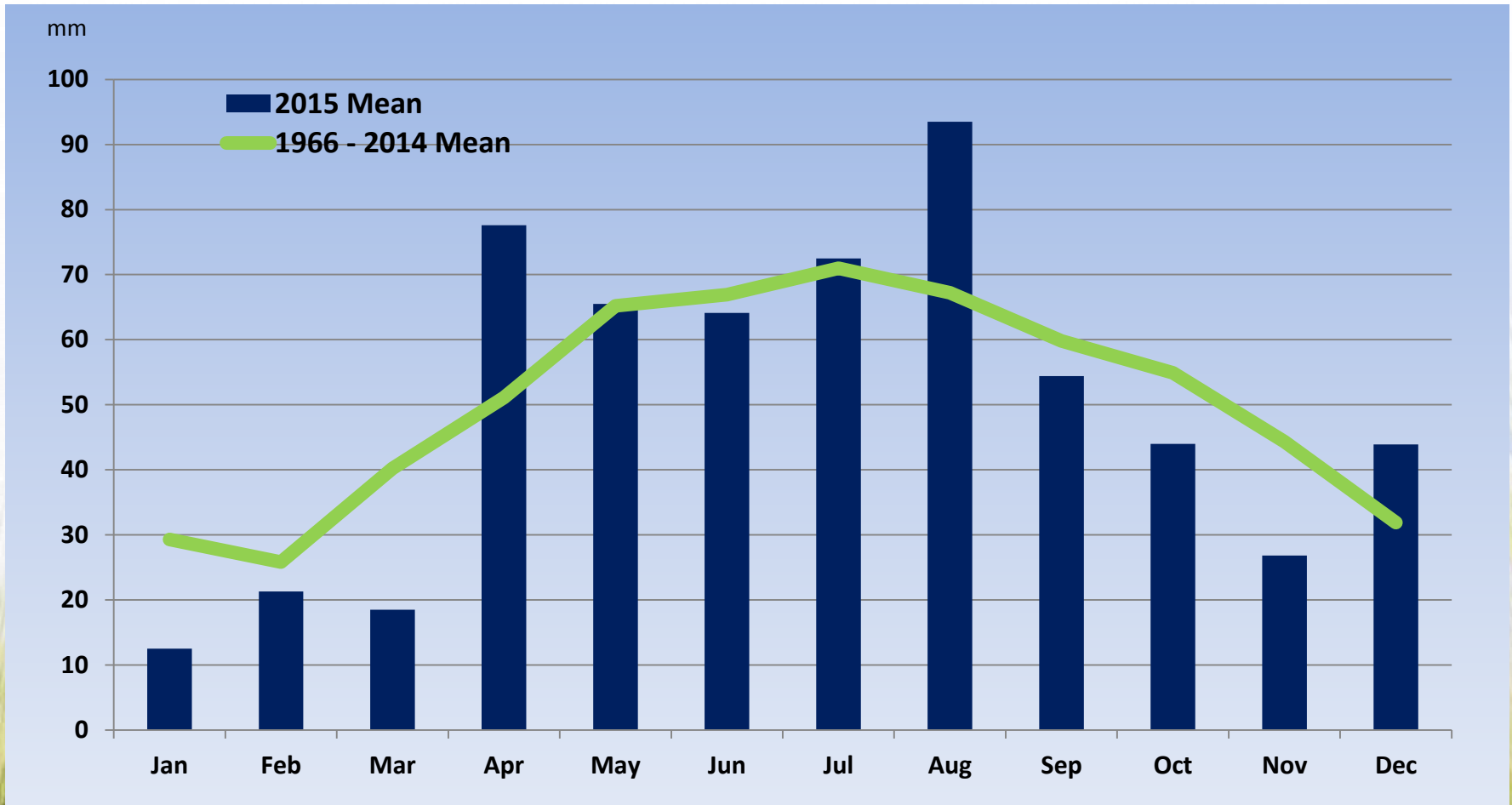
LSD (P=0.05) = 0.320 CV = 4.82

Barley Grain Yield



LSD (P=0.05) = 0.320 CV = 4.82

Wellstead Rainfall



Conclusions

- Some rhizoctonia patches present throughout trial site.
- No visual response in early root development (Z15) from Foundation LM
- High rate (5Lt/ha) of Foundation LM were more even in biomass and showed less stunting from rhizoctonia at head emergence.

