



Loveland

AGRI PRODUCTS
Get Growing

2015 WA Trial Data
Basis in Wheat, Three Springs, WA.

Trial Setup

- Fully randomised & replicated plot work – 3 replicates
- Plot size = 18m X 1.6m
- Treatments applied – K Till, Basis
- Application Date – 11th May 2015 @ seeding.

Planting Date	11 th May 2015
Site	Three Springs, WA.
Variety	Mace Wheat @ 50 kg/ha
Protocol	K Till @ 50 or 100 kg/ha +/- Basis @ 4 Lt/tn @ seeding
GSP	K Till Extra @ 50 kg/ha

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

Trial Protocol

Treatment #	Treatment	Applied Rate
T1	Nil / Untreated	----
T2	(GSP)K-Till	50 kg/ha
T3	K-Till	100 kg/ha
T4	K-Till + Basis	50 kg/ha + 4.0 L/t
T5	K-Till + Basis	100 kg/ha + 4.0 L/t

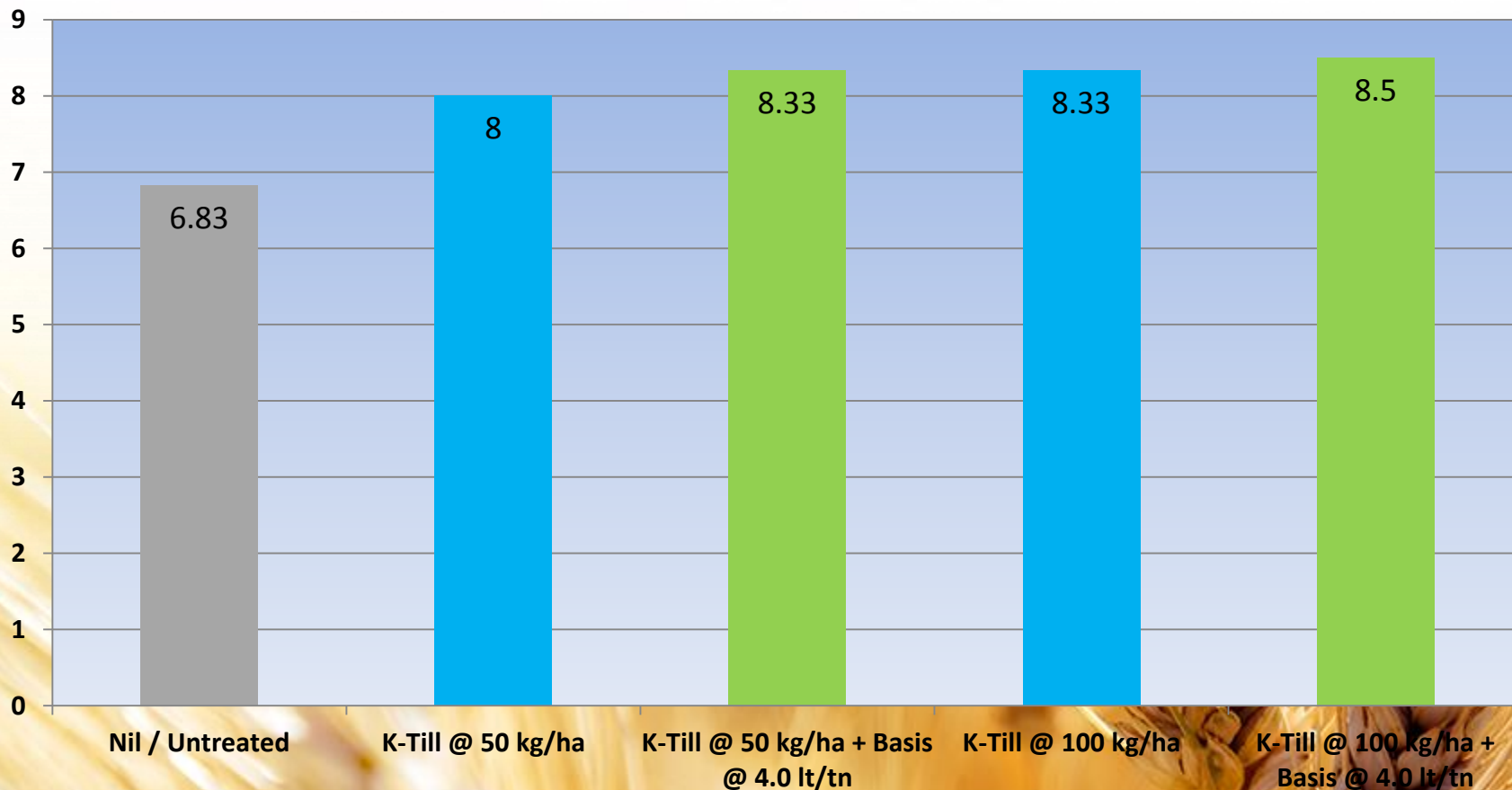
K Till Extra	N	P	K	S	Ca	Cu	Zn
	10.2	12.0	11.2	6.0	---	0.10	0.20

Wheat Seedling Vigour

Treatment #	Treatment	Applied Rate	Seed Vigour
T1	Nil / Untreated	----	6.83
T2	(GSP)K-Till	50 kg/ha	8.00
T3	K-Till	100 kg/ha	8.33
T4	K-Till + Basis	50 kg/ha & 4.0 L/t	8.33
T5	K-Till + Basis	100 kg/ha & 4.0 L/t	8.5

LSD (P=.05) = 0.365 CV = 2.42

Wheat Seedling Vigour



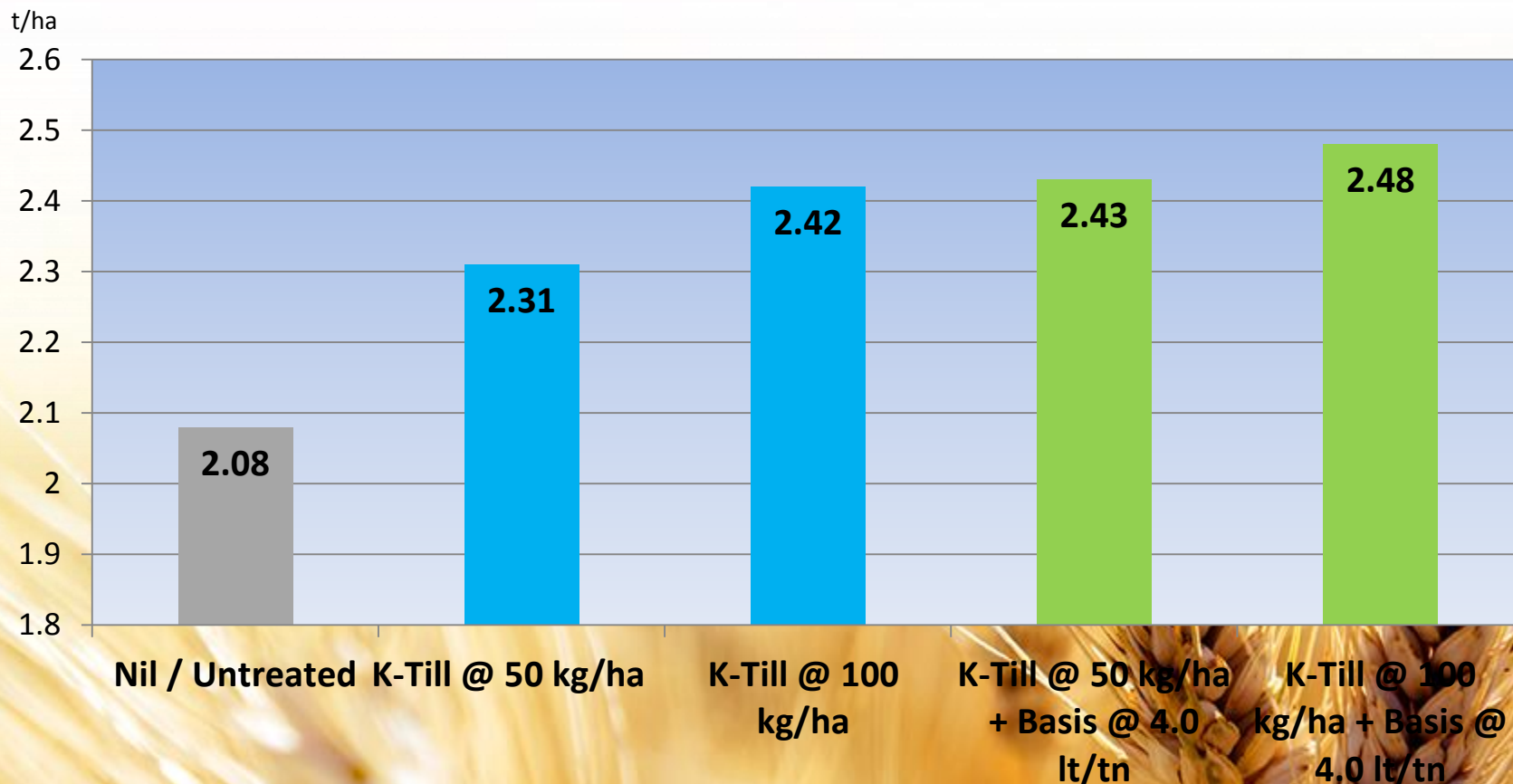
LSD (P=.05) = 0.365 CV = 2.42

Wheat Grain Yield – t/ha

Treatment #	Treatment	Applied Rate	Yield – t/ha
T1	Nil / Untreated	----	2.08
T2	(GSP)K-Till	50 kg/ha	2.31
T3	K-Till	100 kg/ha	2.42
T4	K-Till	50 kg/ha + Basis @ 4.0 lt/tn	2.43
T5	K-Till	100 kg/ha + Basis @ 4.0 lt/tn	2.48

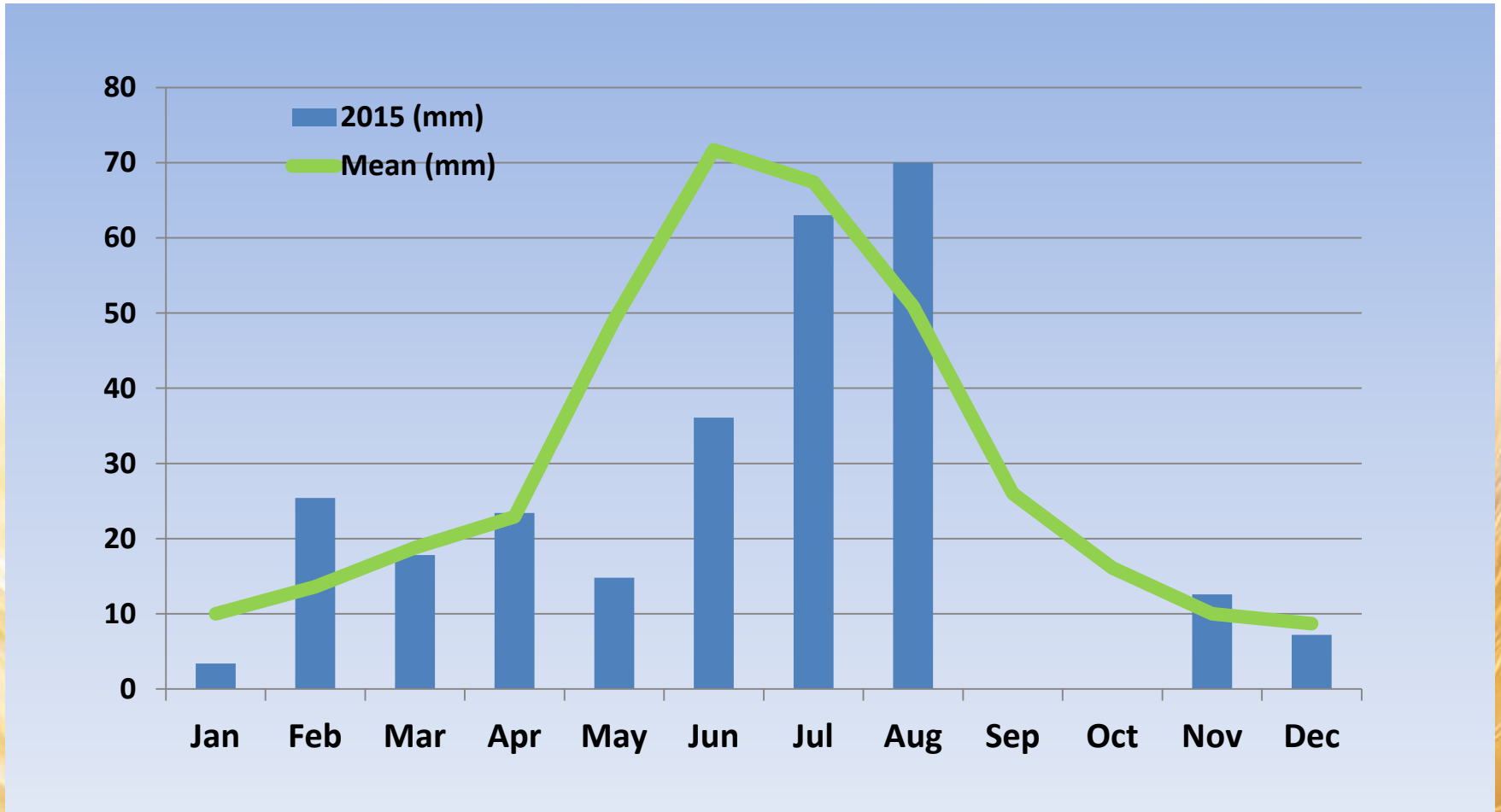
LSD (P=.05) = 0.241 CV = 4.06

Wheat Yield – t/ha



LSD (P=.05) = 0.241 CV = 4.06

Three Springs, WA Rainfall



Conclusions

- Good growing conditions were experienced at this site with yields ranging from t/ha.
- This trial site has shown a small response to applied fertiliser with all treatments yielding slightly higher than the nil starter fertiliser.
- Basis treated fertiliser has shown a significant improvement in yield at this site.
- Soil nutrition levels at his site were excellent.
- In this scenario Basis has been responsive.