



Loveland

AGRI PRODUCTS
Get Growing

2015 WA Trial Data

LoKomotive Potassium Foliar on Barley Cultivars – Moora, WA

Trial Setup

- Fully randomised & replicated plot work – 3 replicates
- Plot size = 18m X 1.6m
- Treatments applied – LoKomotive or Moddus
- Application Date – 12th August 2015.
- Soil Test indicated Potassium level of 30 ppm.
- Some minor visual deficiency symptoms were seen before foliar spray.

Seeding Date	21st May 2015
Site	Moora, WA.
Variety	Scope barley @ 60 kg/ha
Protocol	LoKomotive foliar @ GS 32
GSP	K Till @ 100 kg/ha + 100 kg/ha Urea + 40 l/ha UAN

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	Scope CL	65 kg/ha
T2	Scope CL + Moddus @ GS 32	65 kg/ha + 400 ml/ha
T3	Scope CL + LoKomotive @ GS 32	65 kg/ha + 5 L/ha
T4	La Trobe	65 kg/ha
T5	IGB 1334 CL	65 kg/ha
T6	Compass	65 kg/ha

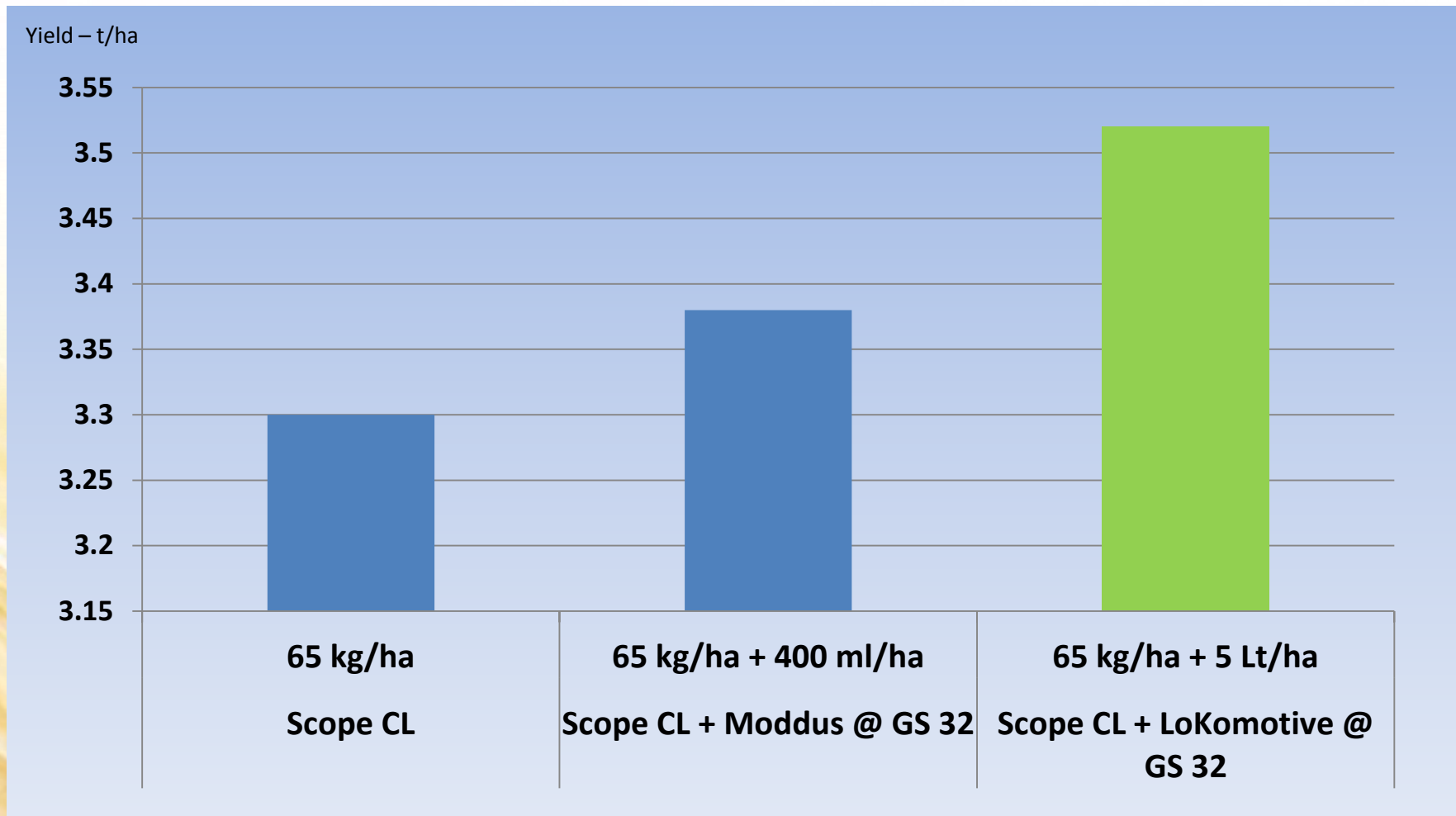
LoKomotive : 0-0-27-0

Grain Yield – t/ha

Treatment #	Treatment	Applied Rate	Grain Yield
T1	Scope CL	65 kg/ha	3.30
T2	Scope CL + Moddus @ GS 32	65 kg/ha + 400 ml/ha	3.38
T3	Scope CL + LoKomotive @ GS 32	65 kg/ha + 5 L/ha	3.52
T4	La Trobe	65 kg/ha	3.29
T5	IGB 1334 CL	65 kg/ha	3.45
T6	Compass	65 kg/ha	3.54

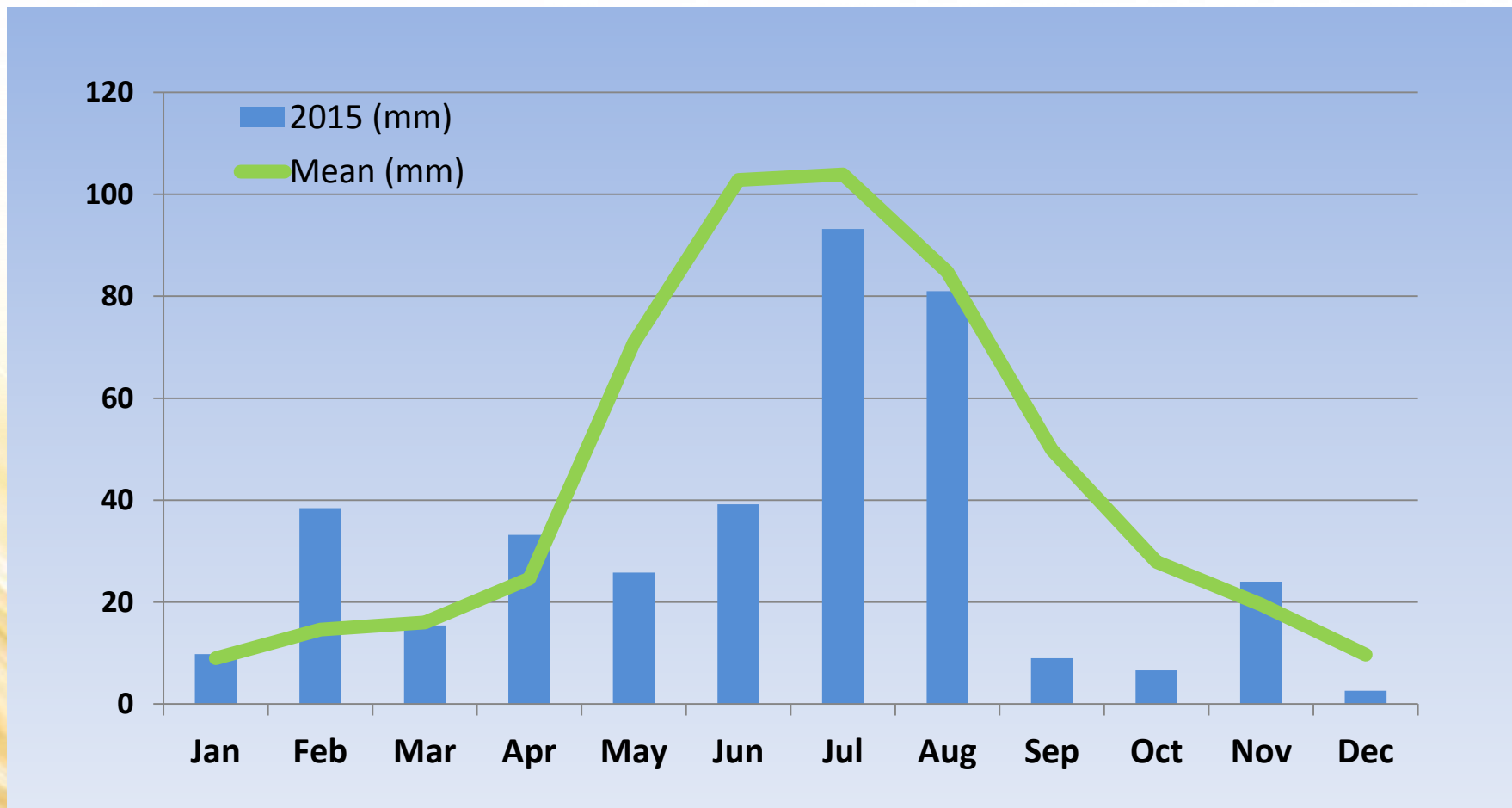
LSD (P=.05) = 0.272 CV = 4.38

Grain Yield – t/ha



LSD (P=.05) = 0.272 CV = 4.38

Moora Rainfall



Conclusions

- 2015 was an average season at Moora.
- Soil test result results at the beginning of the year identified potassium at a low level of 30 ppm. Minor potassium leaf deficiency symptoms were also observed at mid tillering.
- Although not significant Lokomotive has improved grain yield over the untreated Scope by 220 kg/ha.
- Lokomotive shows potential for late in season potassium deficiency remediation.
- The trial was essentially for variety comparison, but LoKomotive and Moddus was added opportunistically.