



# **Loveland**

**AGRI PRODUCTS**  
**Get Growing**

**2015 WA Trial Data**  
Black Maxx 22 in Wheat, Broomehill, WA.

# Trial Protocol

- Fully randomised & replicated plot work – 3 replicates
- Plot size = 18m X 1.6m
- Treatments applied – Black Maxx 22
- Application Date – 20<sup>th</sup> May 2015 – banded @ seeding.

<b>Seeding Date</b>	<b>20<sup>th</sup> May 2015</b>
Site	Broomehill, WA.
Variety	Mace Wheat @ 60 kg/ha
Protocol	On seed - 2cm below seed in 130 lt/ha liquid band On fertiliser - (>2cm below seed) On furrow - soil surface behind presswheel
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

# Soil Tests

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- No soil test analysis was taken for 2015.



# Treatments

Treatment #	Treatment	Site of Treatment	Applied Rate
T1	Untreated	----	----
T2	Black Maxx 22	On Fertiliser	10 lt/ha
T3	Black Maxx 22	On furrow after presswheel	10 lt/ha
T4	Black Maxx 22	On seed	5 lt/ha
T5	Black Maxx 22	On seed	10 lt/ha
T6	Black Maxx 22	On seed	15 lt/ha

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

# Wheat – early vigour / biomass

Treatment #	Treatment	Site of Treatment	Applied Rate	Biomass Estimate
T1	Untreated	----	----	n/a
T2	Black Maxx 22	On Fertiliser	10 lt/ha	n/a
T3	Black Maxx 22	On furrow after presswheel	10 lt/ha	n/a
T4	Black Maxx 22	On seed	5 lt/ha	n/a
T5	Black Maxx 22	On seed	10 lt/ha	n/a
T6	Black Maxx 22	On seed	15 lt/ha	n/a

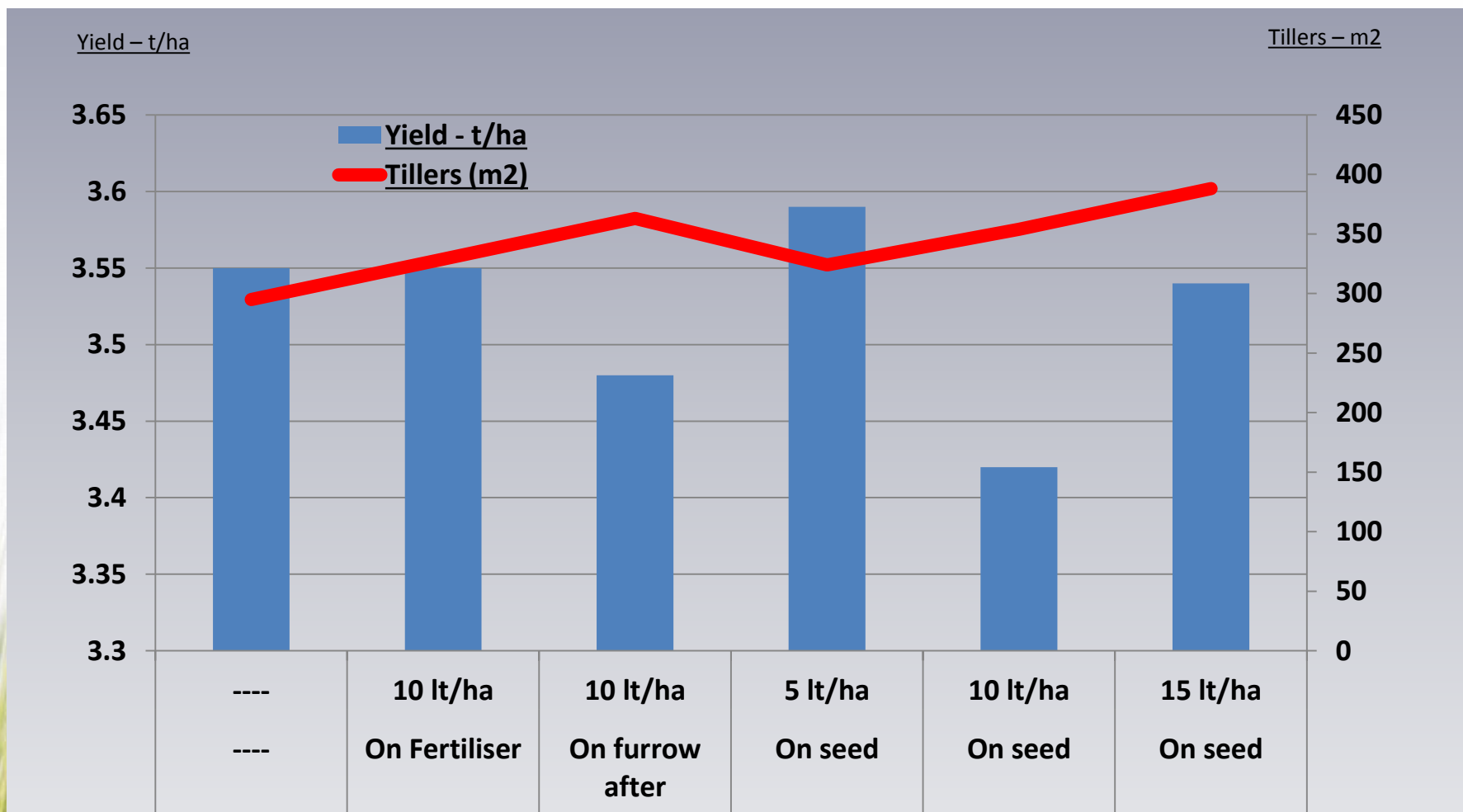
K Till Extra	N	P	K	S	Ca	Cu	Zn
	10.2	12.0	11.2	6.0	---	0.10	0.20

# Wheat – Late Tiller Counts

Treatment #	Treatment	Site of Treatment	Applied Rate	Tillers m <sup>2</sup>
T1	Untreated	----	----	295
T2	Black Maxx 22	On Fertiliser	10 lt/ha	329
T3	Black Maxx 22	On furrow after presswheel	10 lt/ha	363
T4	Black Maxx 22	On seed	5 lt/ha	324
T5	Black Maxx 22	On seed	10 lt/ha	354
T6	Black Maxx 22	On seed	15 lt/ha	388

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

# Wheat – Late Tiller Counts



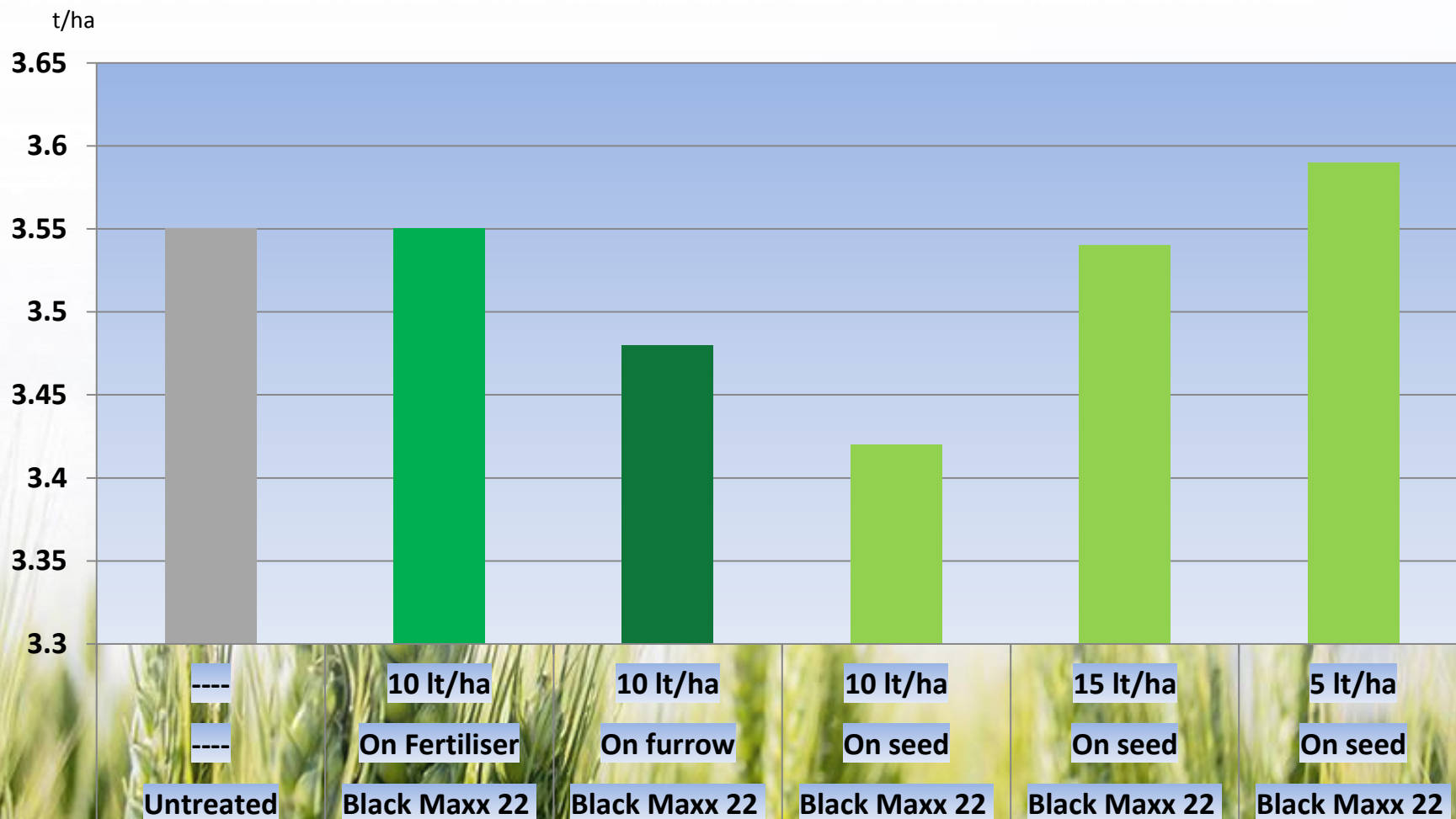
# Wheat – Grain Yield

Treatment #	Treatment	Site of Treatment	Applied Rate	Grain Yield t/ha
T1	Untreated	----	----	3.55
T2	Black Maxx 22	On Fertiliser	10 lt/ha	3.55
T3	Black Maxx 22	On furrow after presswheel	10 lt/ha	3.48
T4	Black Maxx 22	On seed	5 lt/ha	3.59
T5	Black Maxx 22	On seed	10 lt/ha	3.42
T6	Black Maxx 22	On seed	15 lt/ha	3.54

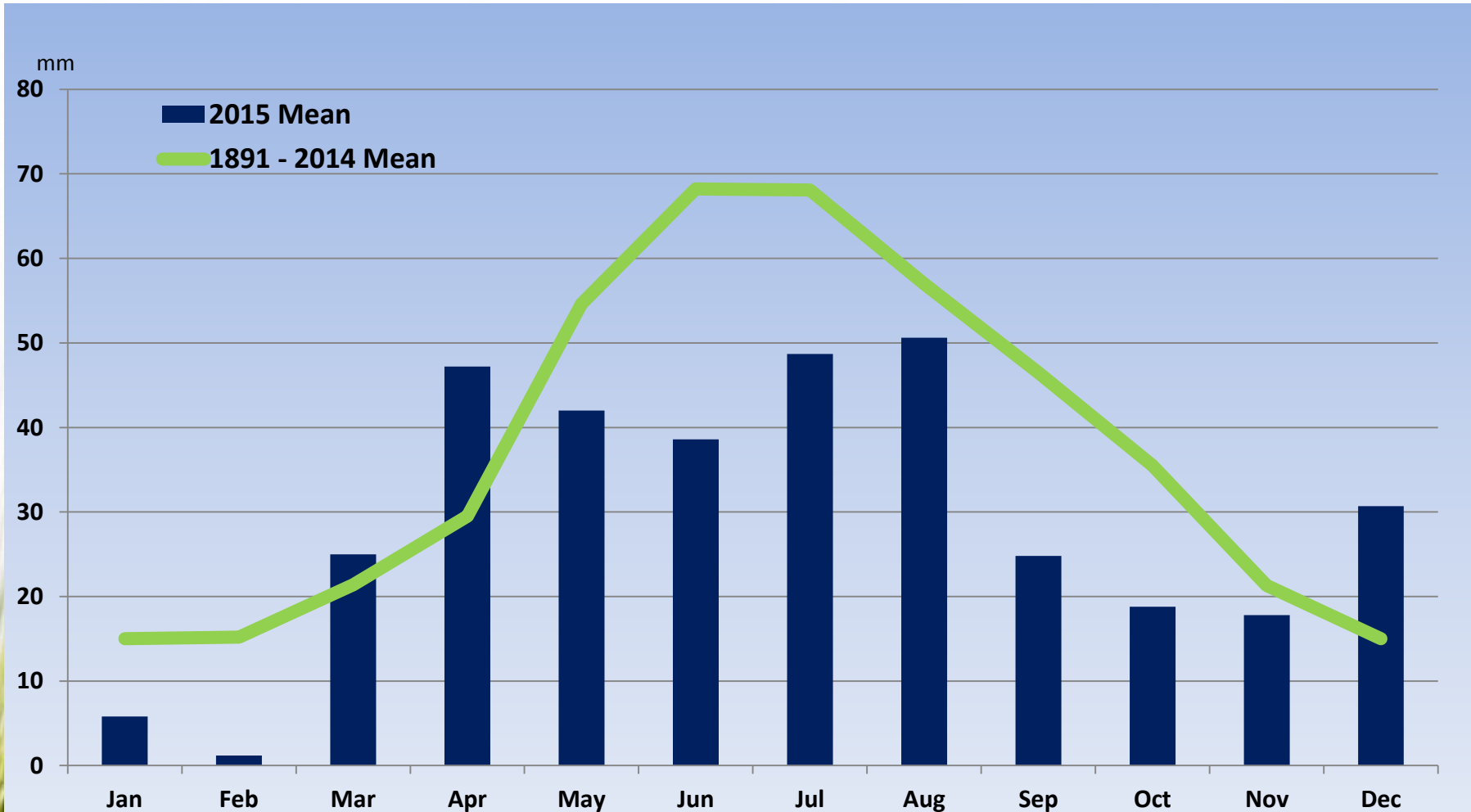
LSD (P=0.05) = 0.220 CV = 3.43



# Wheat – Grain Yield



# Broomehill Rainfall



# Conclusions

- This trial was as much about correct placement of Blackmaxx 22 which comprises a humin component and a carbohydrate package in addition to humic and fulvic acids.
- 5lt/ha of Blackmaxx 22 applied with the seed appears to be the most encouraging treatment and application placement in this trial.
- An encouraging increase in tiller numbers when Black Maxx 22 was banded close to the seed.
- Low rainfall for the season and a dry finish did not result in the expected yield increase.
- Further trial work required to validate current results