



# **Loveland**

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

## **Queensland Paddock Demos**

### **Chickpea**

**COOBY and MANLY**

**LOV**

# Cooby Chickpeas



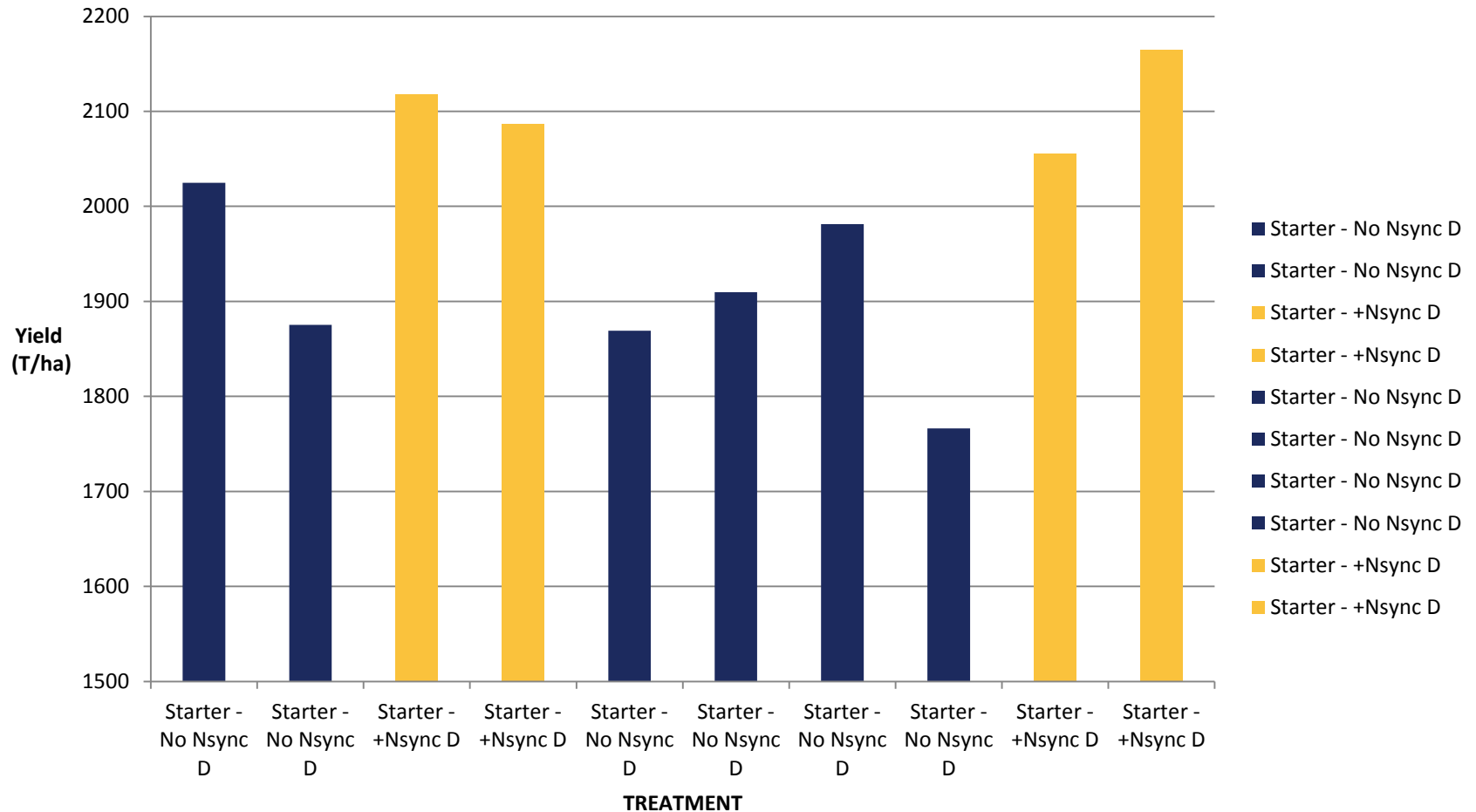
- Commercial Demonstration
- Harvested area – 300m x 10.7m x 4 rows/treatment

<b>Seeding Date</b>	May
<b>Site</b>	“Coobyanga”
<b>Variety</b>	Kyabra @ 50 kg/ha (sown 7 inches deep chasing moisture)
<b>Protocol</b>	<p><b>Pre Sow:</b> Glyphosate 450 @ 1.5 lt/ha</p> <p><b>PSPE:</b> Terbyne @ 850 gm/ha + Balance @ 50 gm/ha</p> <p><b>Post Emergent: 17-7-16</b> Methomyl + Awaken + Nutrisync D + LI700 @ 1.8 lt + 800 ml + 20 ml/ha + 250 ml/100 lt water</p> <p><b>Post Emergent: 18-8-16</b> Altacor + Nutrisync D + SP700 + Genwet 1000 @ 70 gm + 400 ml/ha + 100 ml/ 100 lt + 200 ml/100 lt water</p> <p><b>Spray out: 21-9-16</b> Glyphosate 450 + Metsulfuron + Liberate + AMS @ 1.6 lt + 5 gm/ha + 250ml/100 lt + 1 kg/100 lt water</p>
<b>GSP</b>	<b>Sowing fert:</b> Yarra Nipro Hydrofert Beta @ 15 lt/ha + Foundation @ 2.5 lt/ha + Freeze dried inoculant

Treatment	Applied Rate ml/ha	Grain Yield t/ha	Yield as % of GSP
GSP	----	1.88	100
Nutrisync D		2.11	112

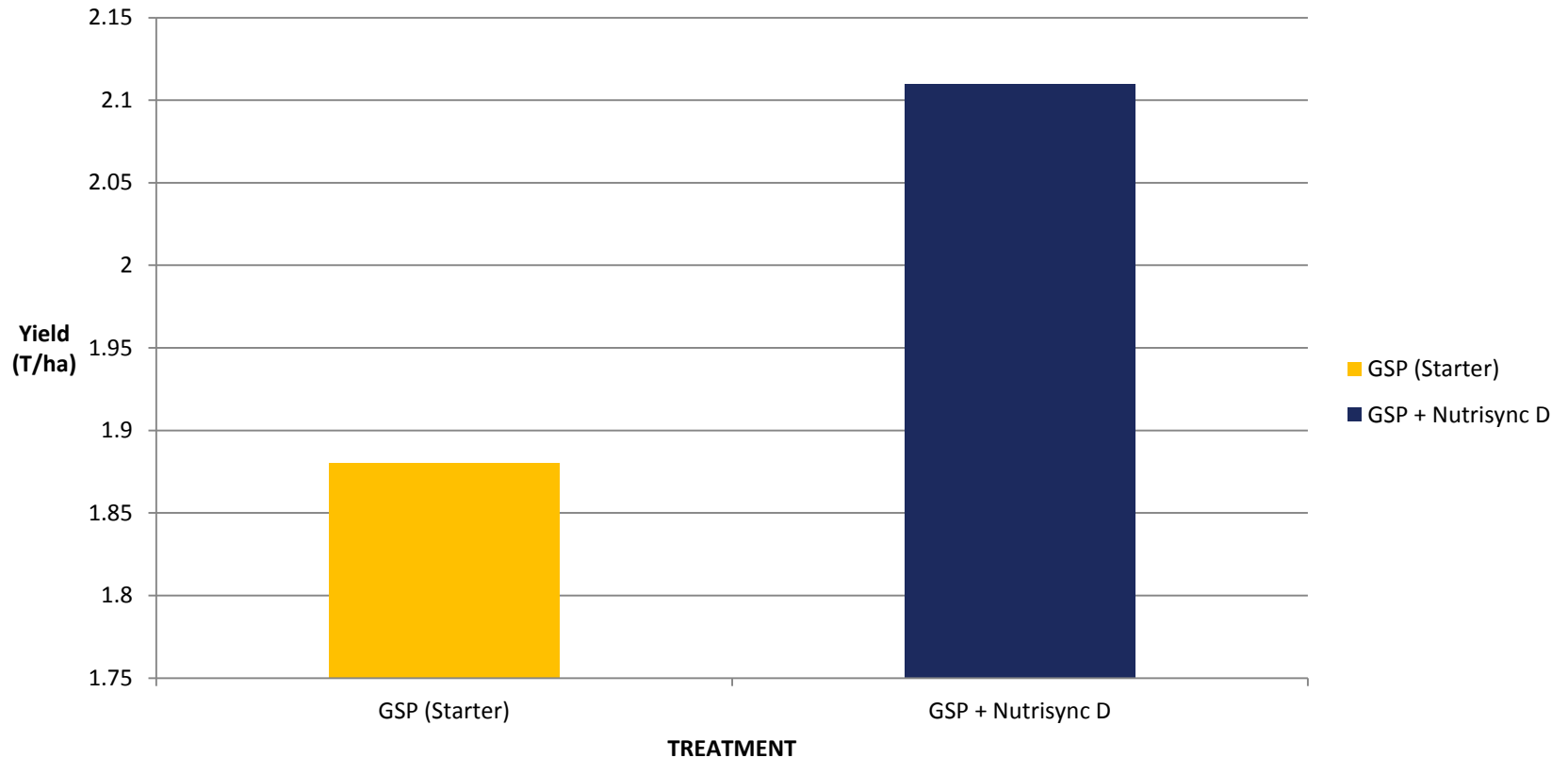
# Graph of Header runs

## Cooby Chickpea 2016



# Analysed Yield

## Cooby Chickpeas 2016



### Yield statistics:

LSD (P=0.05) – 0.217

CV – 4.83

# Manly Chickpeas

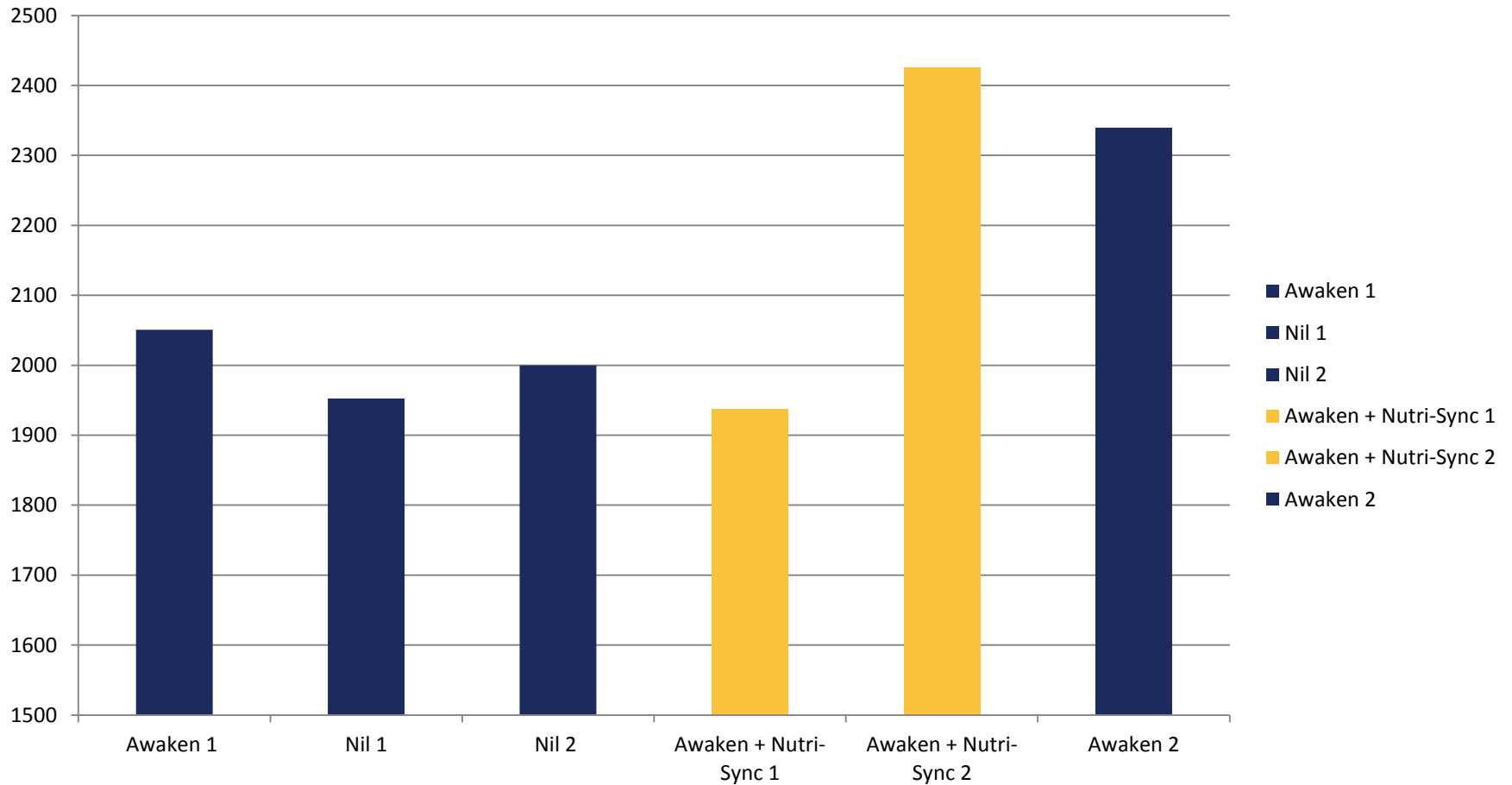
- Commercial Demonstration
- Harvested area – 350m x 9m x 2 runs/treatment
- Treatments Applied:

<b>Seeding Date</b>	May
<b>Site</b>	Cooby
<b>Variety</b>	kg/ha
<b>Protocol</b>	Pre Sow: Post Emergent: Post Emergent:
<b>GSP</b>	Sowing fert: Top Dress fert:

Treatment	Applied Rate ml/ha	Grain Yield t/ha	Yield as % of GSP
GSP	-	1.98	100
Awaken + Nutrisnyc D		2.18	110
Awaken		2.20	111

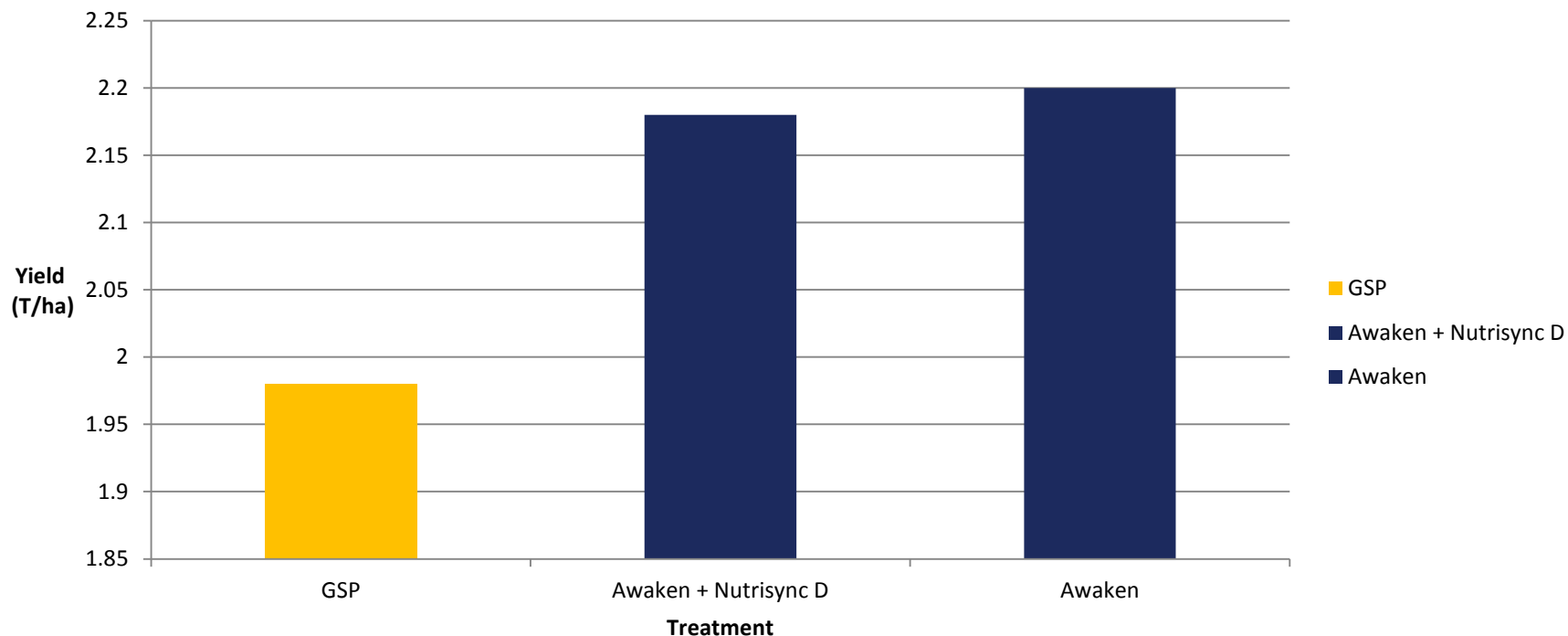
# Graph of Header runs

## Manly Chickpea 2016



# Analysed Header data

## Manly Yield T/ha

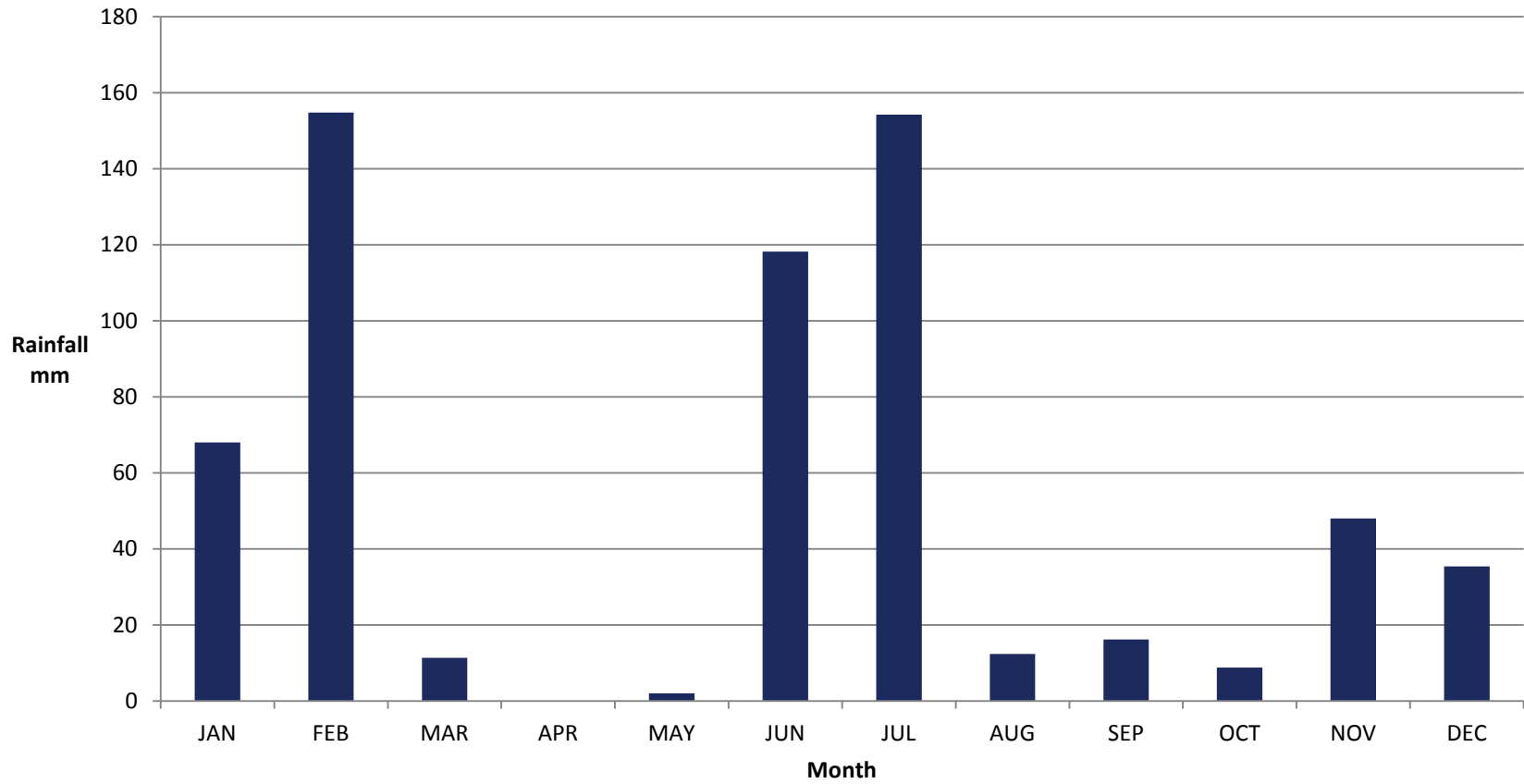


### Yield Statistics:

LSD (P= 0.05) - 0.67    CV - 7.38

# RAINFALL CLERMONT

**Rainfall  
Clermont Airport 2016**





# Conclusions

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- Cooby chickpeas showed a 12% yield increase over GSP with Nutrisync D applied
- Manly chickpeas showed an 11% yield increase when Awaken was applied, when Nutrisync D was added to Awaken yield increase was only 10%
- **Nutrisync and Awaken showed positive yield increases in Commercial Qld crops**