

#### **Trial Data**

NutriSync D - Lentil Paskeville, SA

# **Trial Setup**

- Fully randomised & replicated plot work 6 replicates
- Plot size = 1.3m X 11m

**Site:** Paskeville, SA

**Variety:** Ace Lentils

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## **Trial Protocol**

| Treatment   | Applied Rate<br>mL/ ha | Timing                                     |
|-------------|------------------------|--|
| Untreated   | -                      | -  |
| NutriSync D | 365                    | Pre canopy closure                         |
| NutriSync D | 730                    | Pre canopy closure                         |
| NutriSync D | 365 + 365              | Pre canopy closure<br>+<br>Early flowering |
| NutriSync D | 365                    | Early flowering                            |
| NutriSync D | 730                    | Early flowering                            |

**NutriSync D:** 0-1-1 + micronutrients w/v



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## Lentil Yield - t/ ha

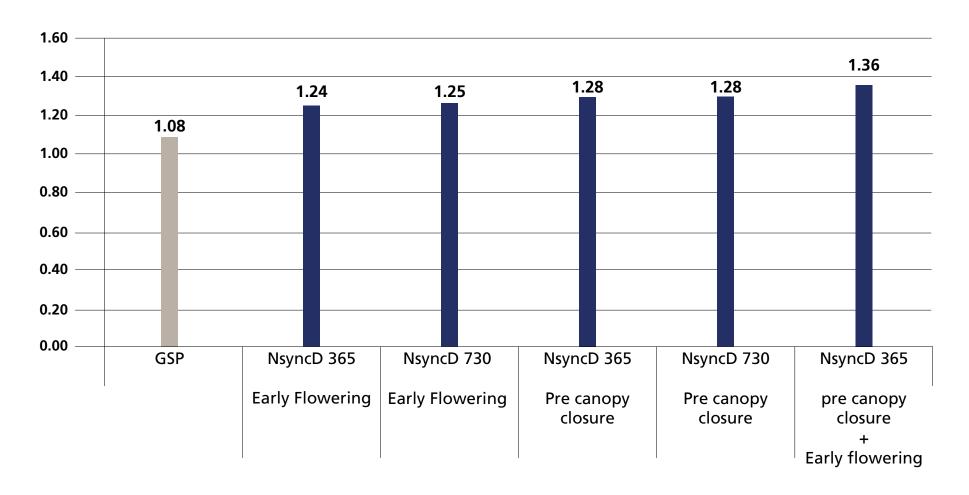
| Treatment   | Timing                                     | Applied Rate<br>mL/ ha | Yield<br>t/ ha |
|-------------|--|------------------------|----------------|
| Untreated   | -  | -                      | 1.08           |
| NutriSync D | Pre canopy closure                         | 365                    | 1.28           |
| NutriSync D | Pre canopy closure                         | 730                    | 1.28           |
| NutriSync D | Pre canopy closure<br>+<br>Early flowering | 365 + 365              | 1.36           |
| NutriSync D | Early flowering                            | 365                    | 1.24           |
| NutriSync D | Early flowering                            | 730                    | 1.25           |

LSD (P=.05) = 0.098 CV = 6.6



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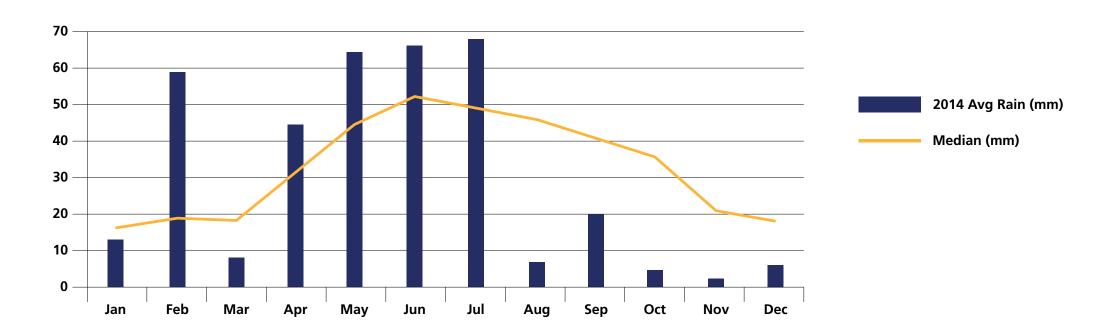
### Lentil Yield - t/ ha



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# Paskeville - Rainfall (mm)



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### **Conclusions**

- In this trial, NutriSync D foliar applications have provided a significant difference in yield at all rates and timings when compared to the GSP
- The two applications of NutriSync D @ 365mL/ ha have shown the best yield response in this trial
- NutriSync D is compatible with herbicide, insecticide and fungicides making it convenient for growers to fit into their programs

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