

Cockaleeche focus site, prepared 14 June 2024

Table 3. Cockaleeche focus paddock information.

Crop	Sowing	Maturity	Soil type	Stored moisture (0-60cm)	Stubble	Initial N (0-60cm)	N applied
Wheat	1 June	5 Dec	Medium clay loam	92 mm	Canola	137 kg/ha	20 kg/ha

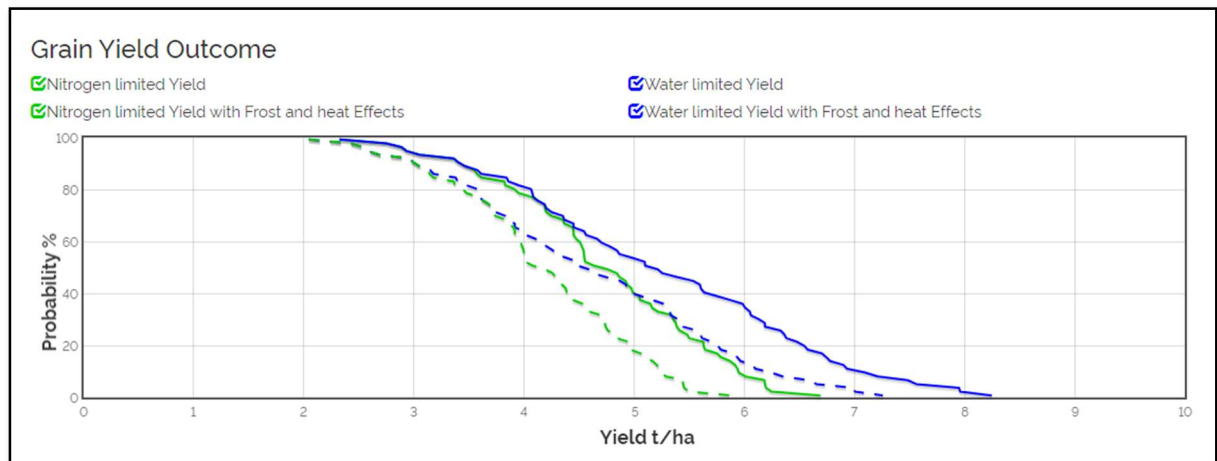


Figure 2: Yield Prophet graph from Cockaleeche, generated on 14 June 2024. **Green** line indicates the predicted nitrogen limited yield and **blue** line indicates the water limited yield. The **dotted blue** line represents water limited yield potential with frost and heat effects. The **dotted green** line represents nitrogen limited yield potential with frost and heat events. This is based on the assumption that yield is only limited by these factors and no others (ie pests, weeds, diseases).

What does the above tell us?

1. Yield potential ranges from 2-7 t/ha.
2. The nitrogen gap is low due to high starting N. This has decreased since April due to later establishment decreasing yield potential.
3. Heat and frost, have some effect, with later sowing placing the crop into a later, warmer flowering window.

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