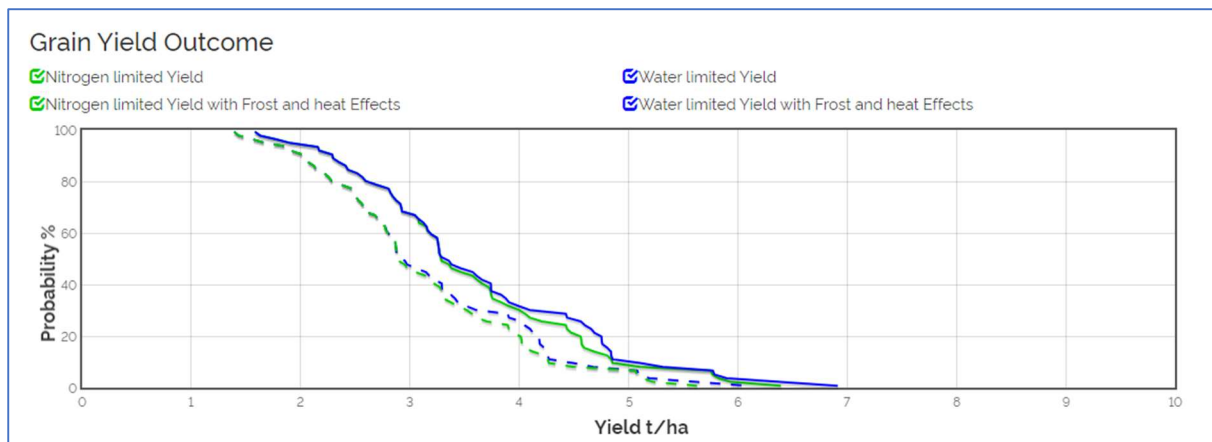


Yield Prophet: a snapshot, 26 June 2024

Below are the Yield Prophet® reports generated on 26 June 2024 for the six RiskWi\$e project focus paddocks on the Eyre Peninsula. To see full reports refer to the Yield Prophet archive on the [project webpage](#).

Yield Prophet, a modelling platform that predicts crop yields, illustrates the potential yield outcomes across a range of seasonal outcomes, using local climate data and soil conditions. The probability spans from 1% (representing the wettest year on record) to 100% (indicating the driest year recorded), with all outcomes in between corresponding to associated rainfall levels. These outcomes can also be discussed in terms of deciles; where a decile 1 represents the lowest 10% of years, and a decile 10 represents the highest 10% of years. The **blue** line solely considers rainfall, while the **dotted blue line** factors in the detrimental effects of frost and heat on yield. The **green** line indicates the current yield potential based on measured initial nitrogen levels and modelled nitrogen available by mineralisation. These **Grain Yield Outcome** graphs generated by Yield Prophet below can be a useful tool to better understand a crop's yield potential across seasonal outcomes, with heat and frost effect probabilities included. This information can then be used as an informative guide when making decisions around associated inputs required and economics.

Lock

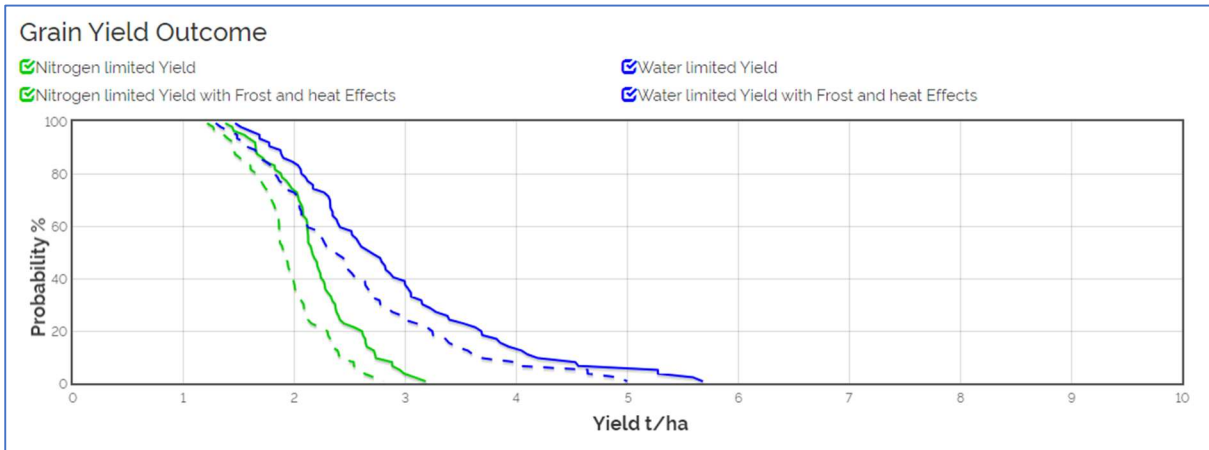


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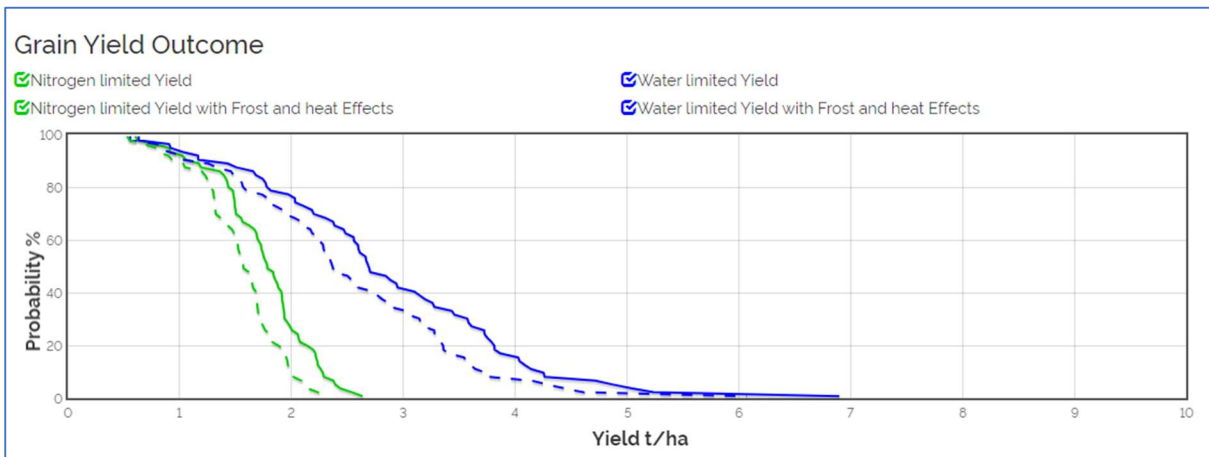
– the National Risk Management Initiative



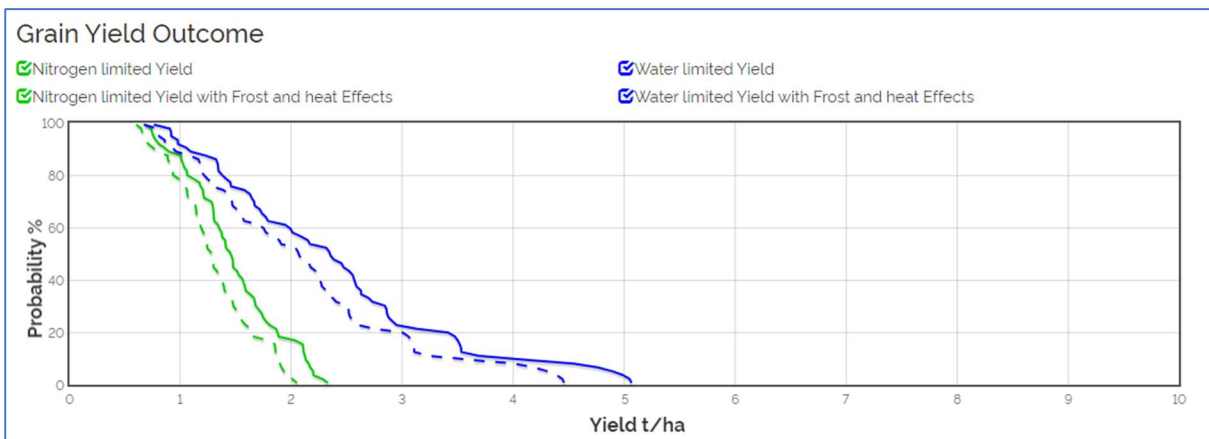
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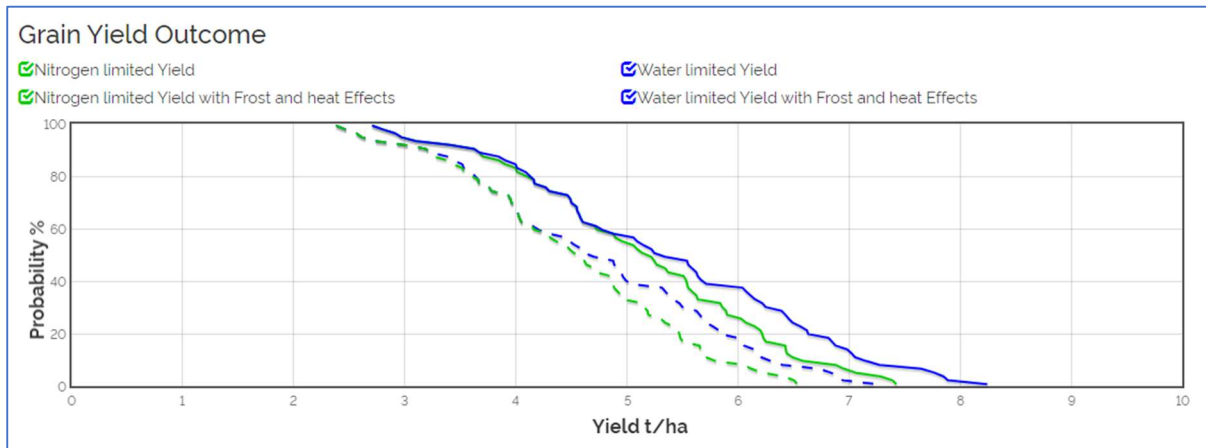


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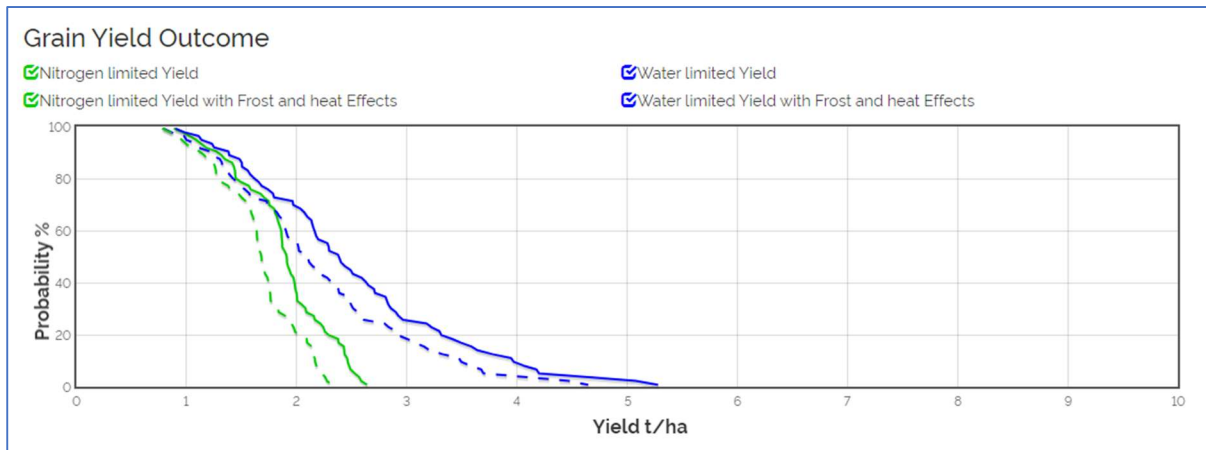
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