

Australian Government

Department of Agriculture, Water and the Environment









VICTORIA DROUGHT RESILIENCE ADOPTION AND INNOVATION HUB

Mallee agricultural decision tool for informed adaptation practices

Champion of climate resilience to increase the productivity, profitability and sustainability of the agricultural sector



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Climate Change

Develop an understanding of the range and magnitude of challenges faced by farmers in a changing climate

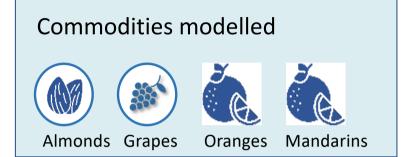
Constraints

Identify any constraints and opportunities to improve adaptation and develop effective adaptation scenarios

Decision Support Tool

This project produced a novel online decision support tool as an output from detailed models that captured insights and information from our research. The online tool serves as a decision-making and knowledge sharing mechanism to support on-farm and regional adaptation into the future.

Methodology

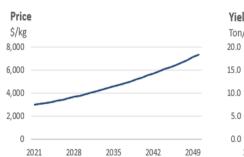


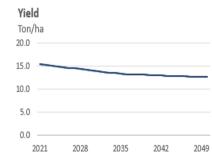




GRAPES

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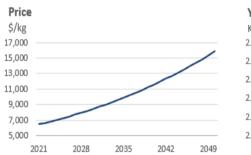


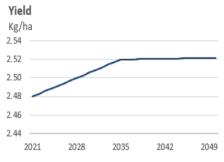
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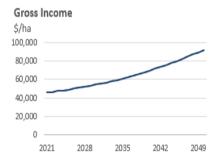
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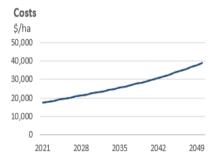
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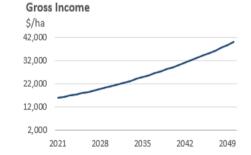
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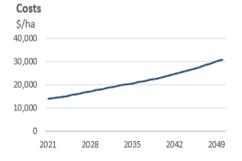


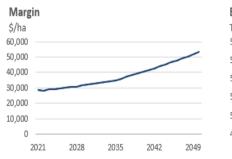


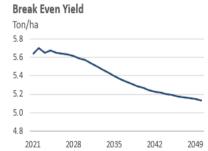


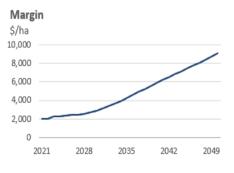




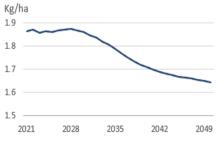












Future direction

Decision tool

• Create more variable parameters



Adaptation options

- Identifying further adaptations implemented by growers
- Developing recommendations about the support needs of growers to adapt





This project received funding from the Australian Government's Future Drought Fund