



# Vineyard of the Future



Wine  
Australia



**AGRIPARK**

# Vineyard of the Future

(hosted at CSU, Wagga Wagga)

3-hectare demonstration vineyard  
at CSU campus

Integration of multiple AgTech solutions  
and sensors

Living laboratory for research, education,  
and industry innovation

Test and validation site for new  
technologies and systems



# Varieties Planted



Traditional: Chardonnay, Shiraz, Pinot Gris

Heat Tolerant: Vermintino, Fiano, Grenache, Touriga Nacional, Nero d'Avola

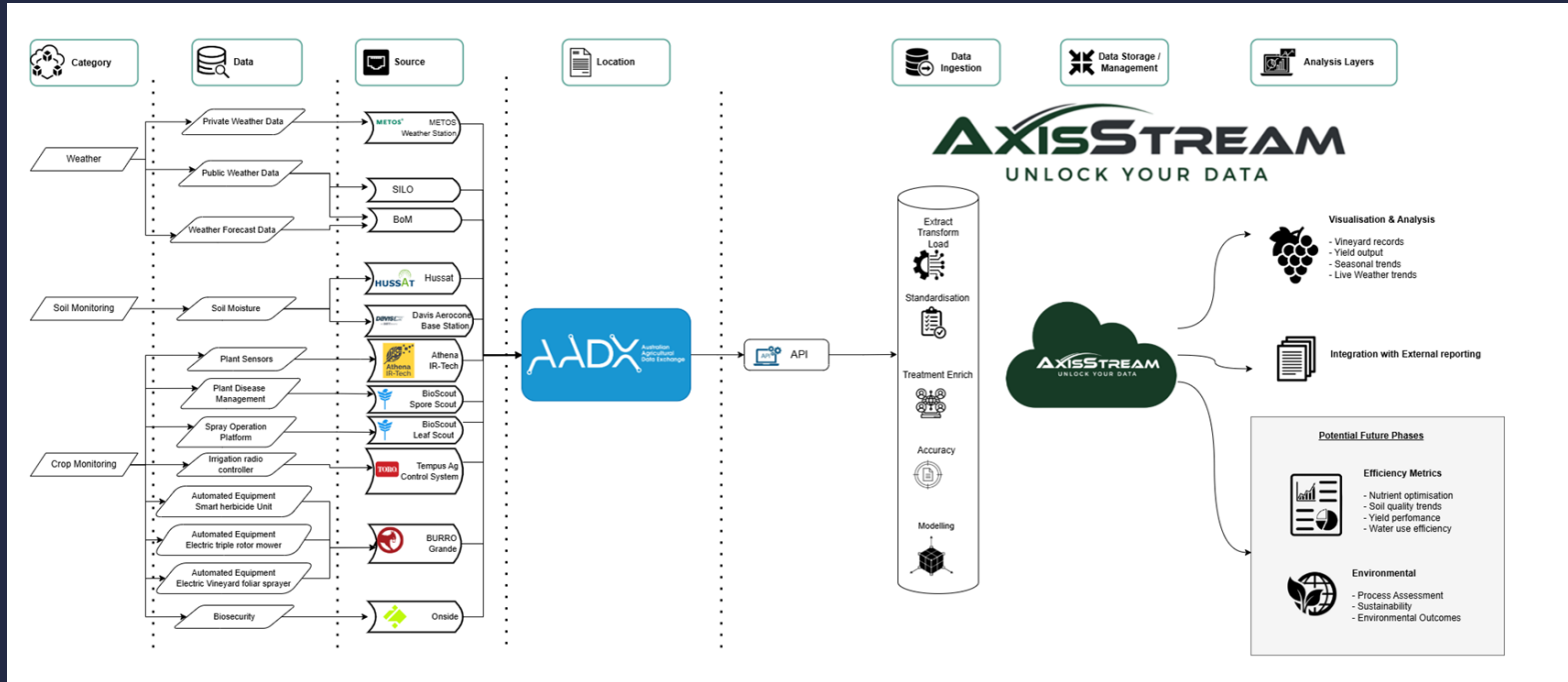
Next Generation: 1<sup>st</sup> Generation disease resistant CSIRO bred red and white



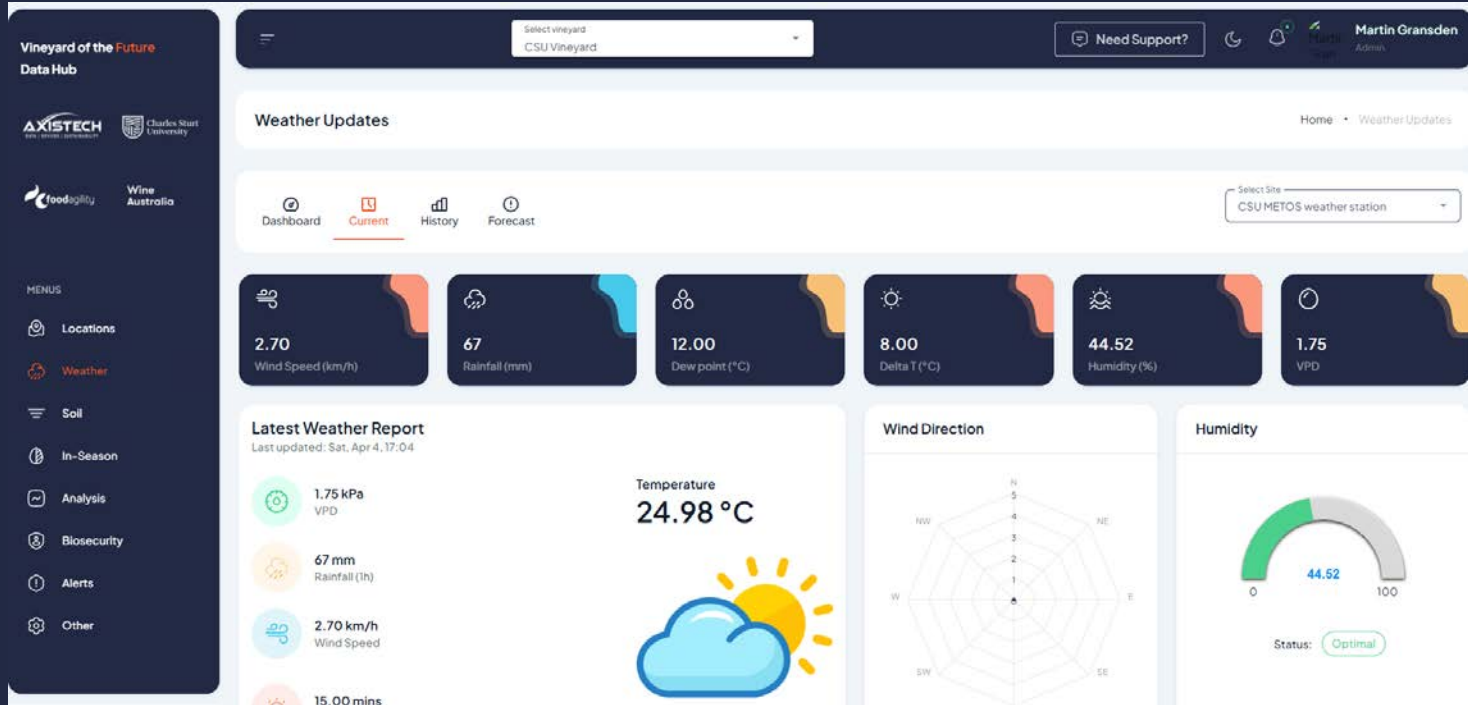
# AgTech Deployed



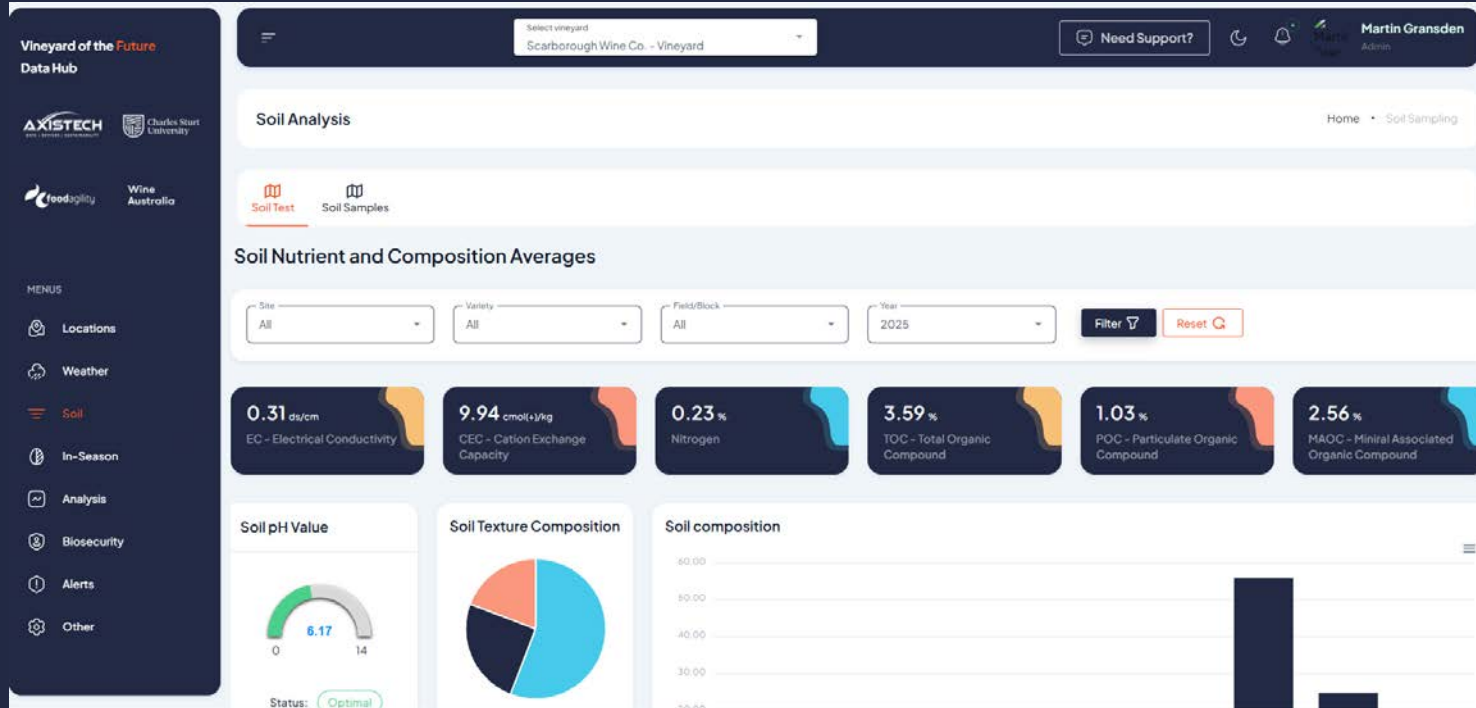
# Data Map



# Dashboard - Weather



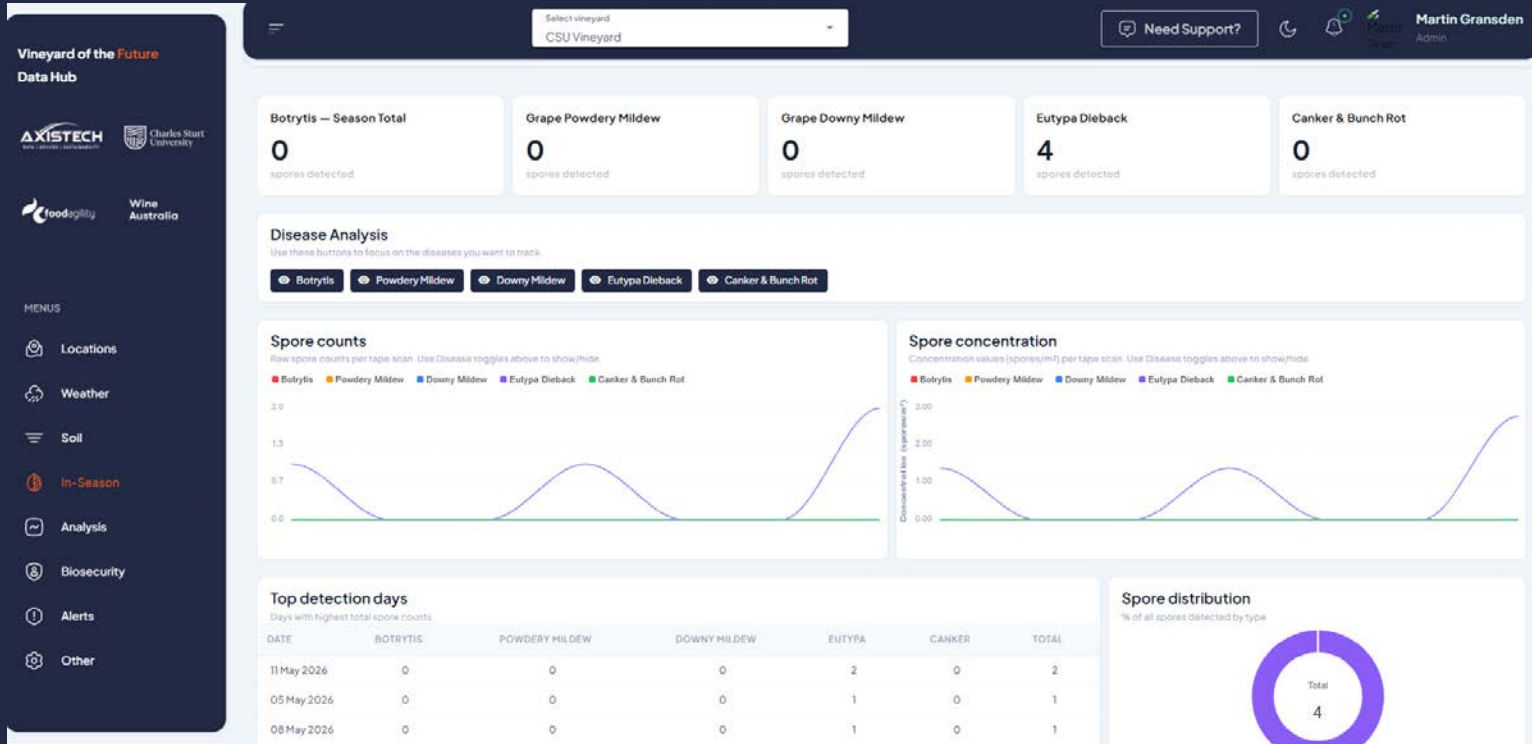
# Dashboard – Soil Analysis



# Dashboard – Soil Moisture



# Dashboard – Spore Load



# Programs in Action

## SmartSat

Satellite indices for yield factors such as flowering and berry formation

## AgriTwin

3D Model for simulation and education

## VoTF 2.0

Deploy AgTech with regional focus



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# AgTech for Now

What to consider...?

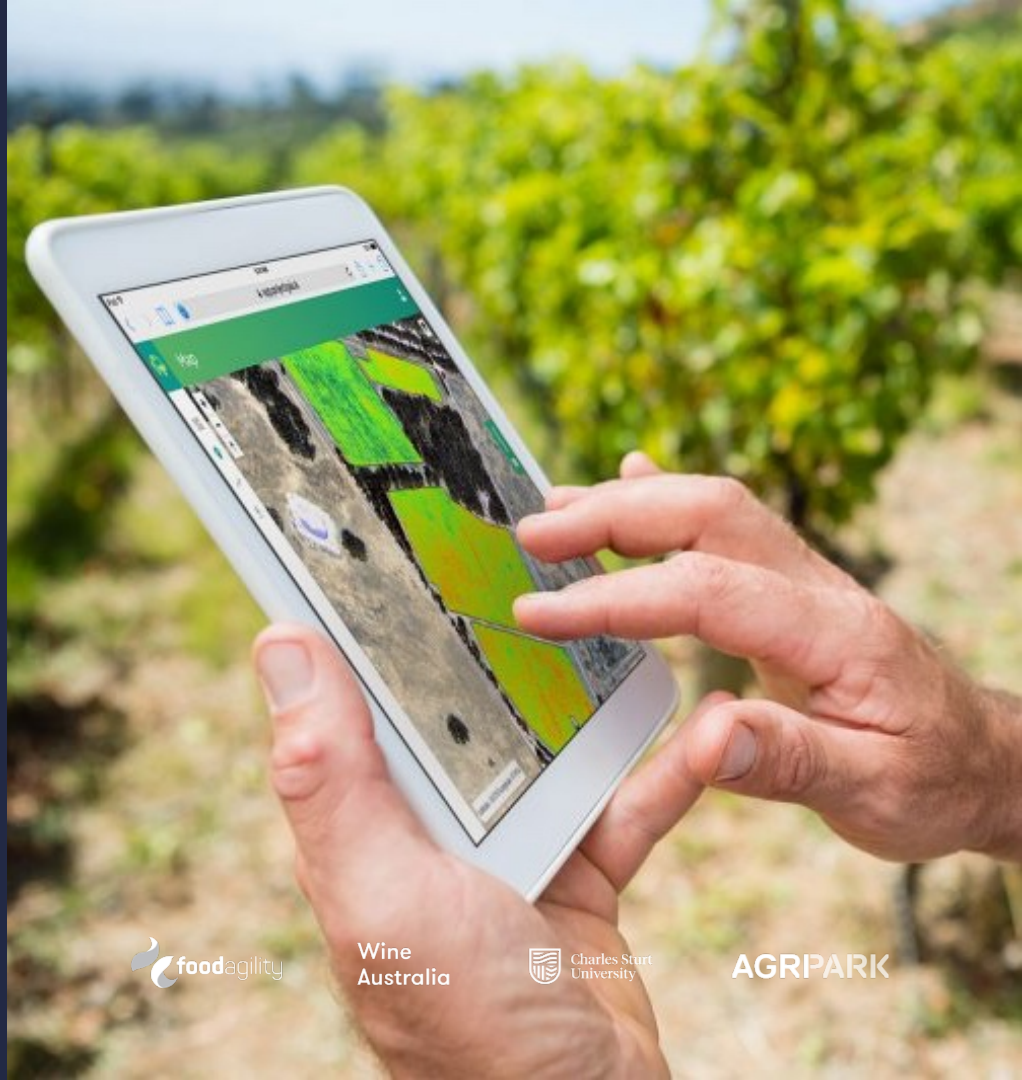
Data relevance

**Your existing AgTech**

Leverage what you have

**Artificial Intelligence**

How can Claude and friends help you...?



Thank you.

Together we can achieve more



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[agripark.csu.edu.au](http://agripark.csu.edu.au)