



**AgriFutures<sup>®</sup>**

Australia

**AgriFutures Australia Producer Technology Uptake Program allows VSCD to trial vineyard mapping with a DJI Phantom 4 drone with Multispectral camera**

*This project is supported by funding from AgriFutures Australia.*



**CanberraGrapes.net.au**

*The Viticultural Society of the Canberra District Incorporated*

# Vineyard sensing from top down & side

on



# Bitwise Survey & Greenview

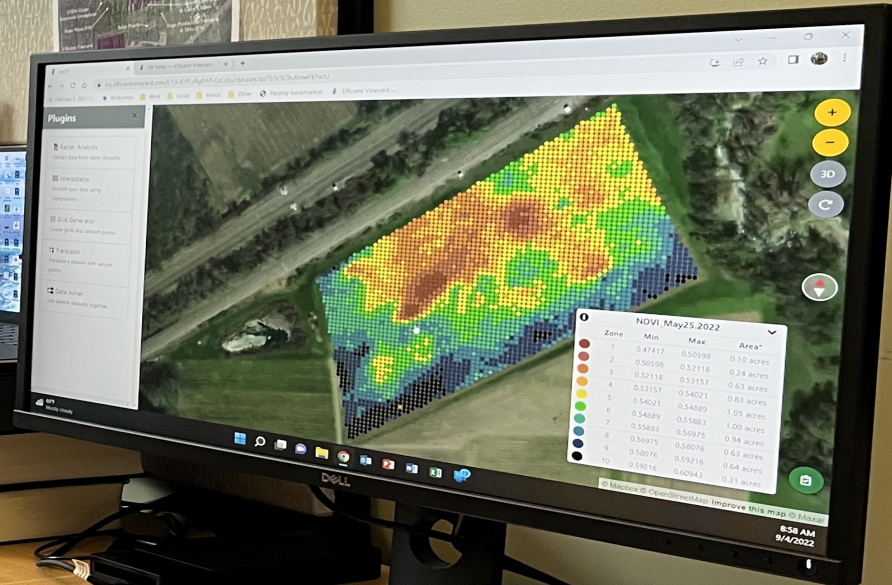
- GoPro Setup
- Data Collection: whole of block or sample rows?
- GoPro file naming convention
- Reconciling rows – depends on the use case

# Collecting & Reconciling Data

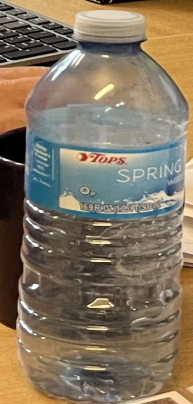
- Pankhurst Wines Results: [CLICK HERE](#)
- Post processing and use of a database



# My Efficient Vineyard (myEV)



Zone	Min	Max	Area
1	0.47817	0.50598	0.10 acres
2	0.50098	0.52118	0.24 acres
3	0.52118	0.53157	0.63 acres
4	0.53157	0.54021	0.83 acres
5	0.54021	0.54889	1.05 acres
6	0.54889	0.55883	1.00 acres
7	0.55883	0.56975	0.94 acres
8	0.56975	0.58076	0.63 acres
9	0.58076	0.59216	0.64 acres
10	0.59216	0.60943	0.31 acres



# myEV

- A platform for the hosting, processing and analysis of vineyard technical data
  - *Tutorials: <https://orbitist.atlassian.net/wiki/spaces/EV/overview>*
  - *Platform: <https://my.efficientvineyard.com/>*
  - *Uploading data (NDVI):  
<https://youtu.be/kWCUTslkclE?si=zzIE-WtMB8qfRdxz>*