

Satellites and yield data

Tim Neale

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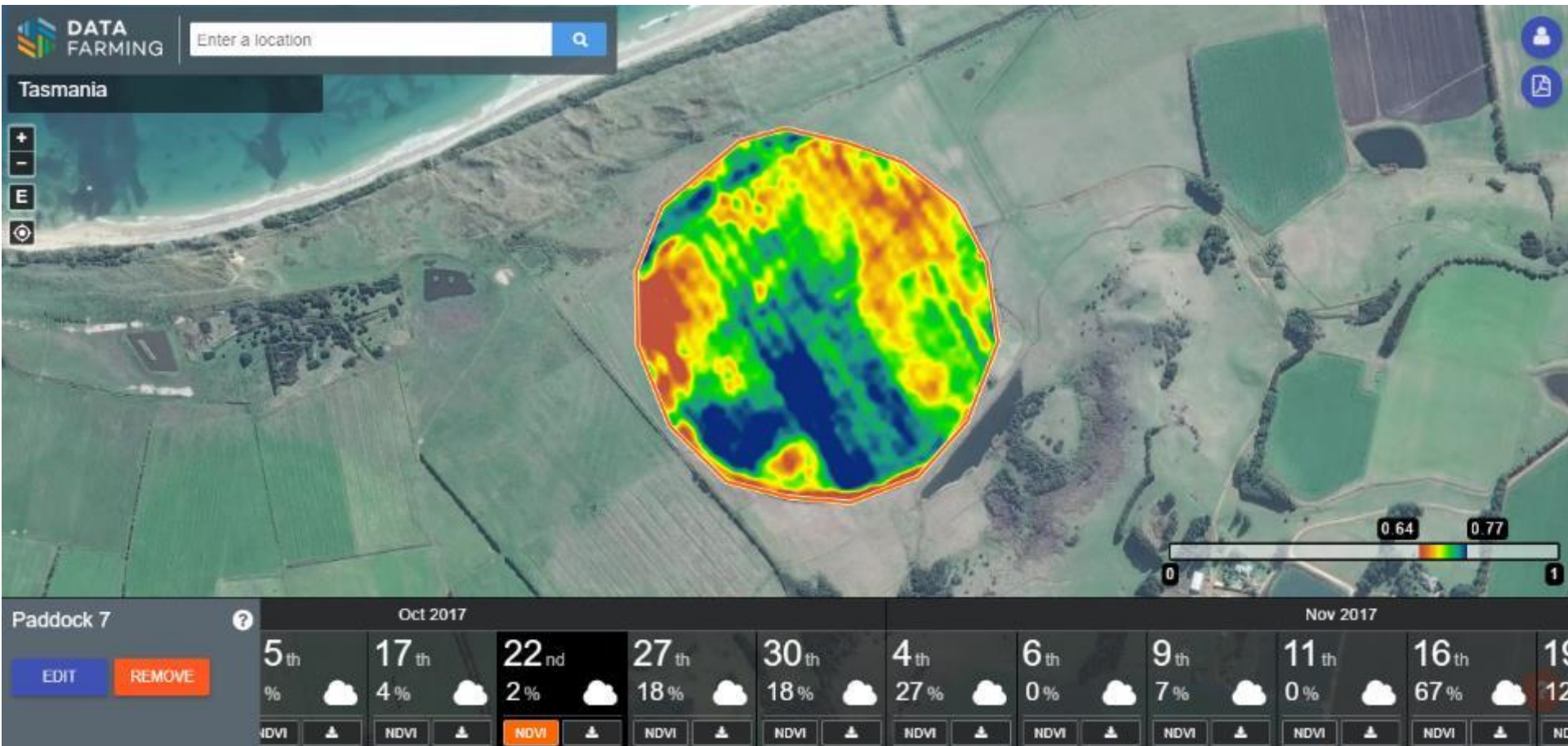


Key PA technology for horti

- Elevation mapping for waterlogging/drainage
- EM mapping for soil constraints and precision irrigation
- Variable rate application of lime/nutrients
- In crop NDVI imagery
- Yield mapping

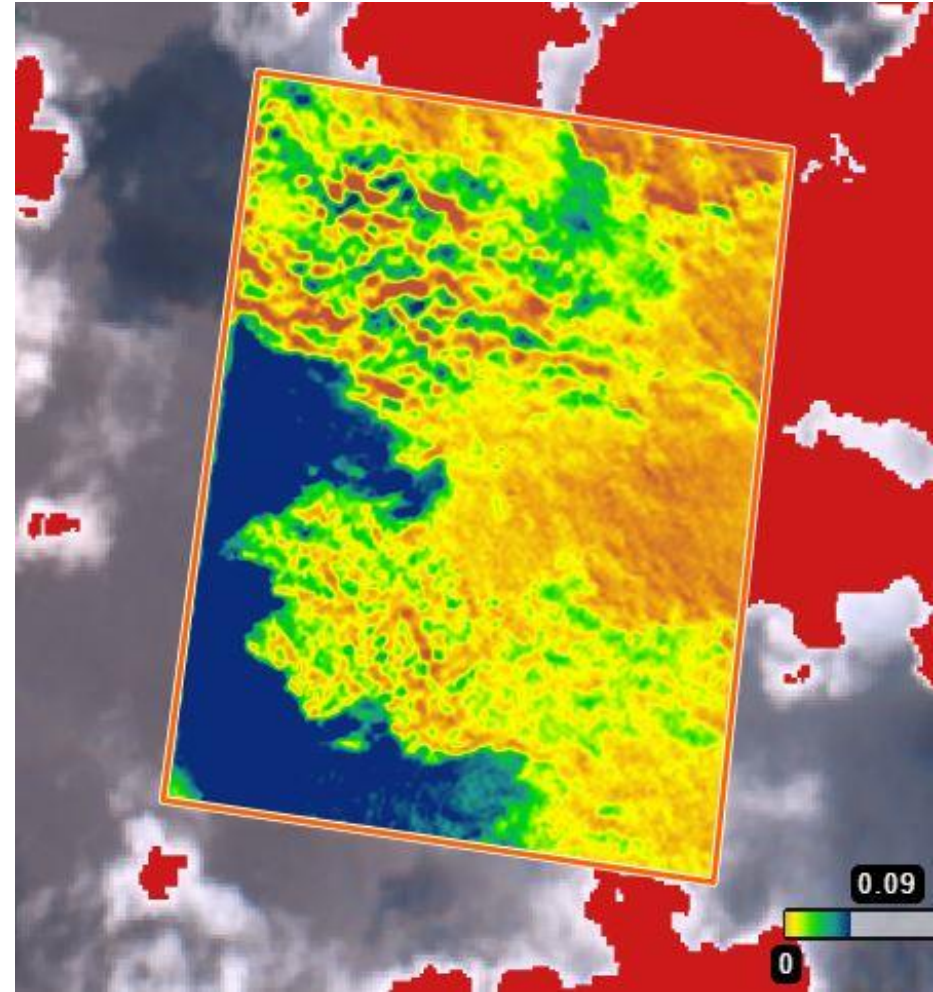
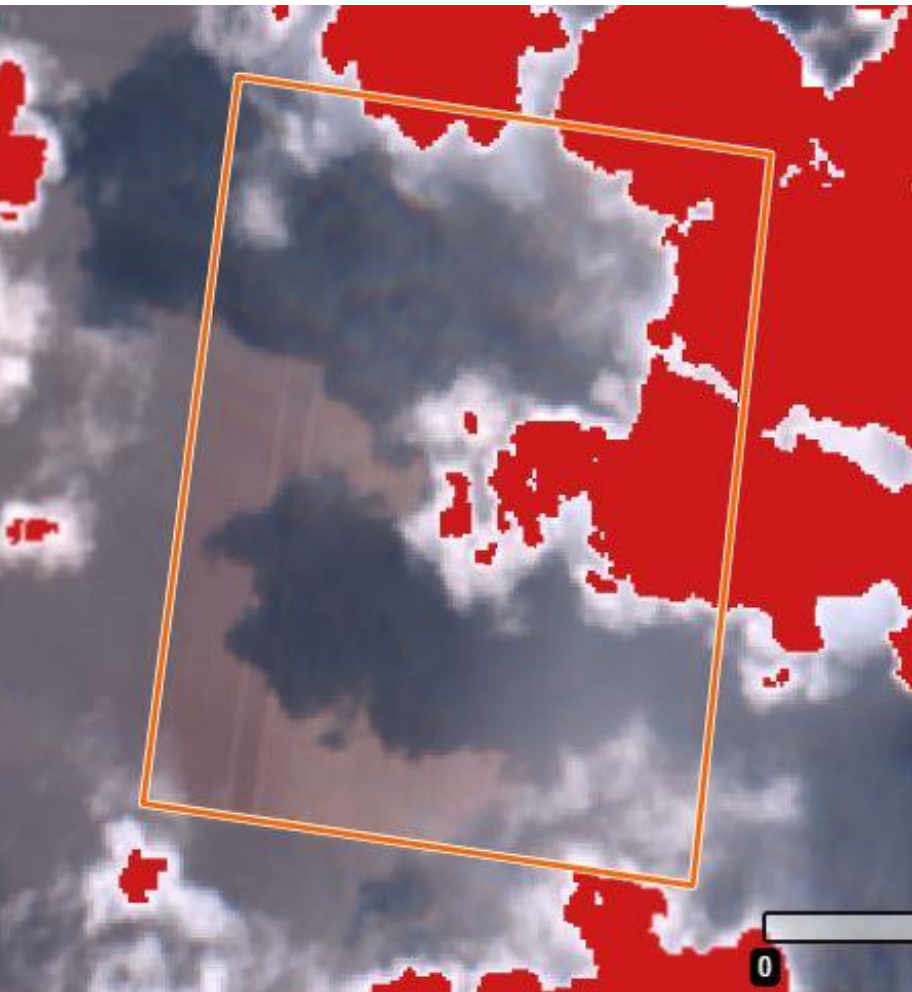
In-crop satellite imagery

Free real-time satellite imagery

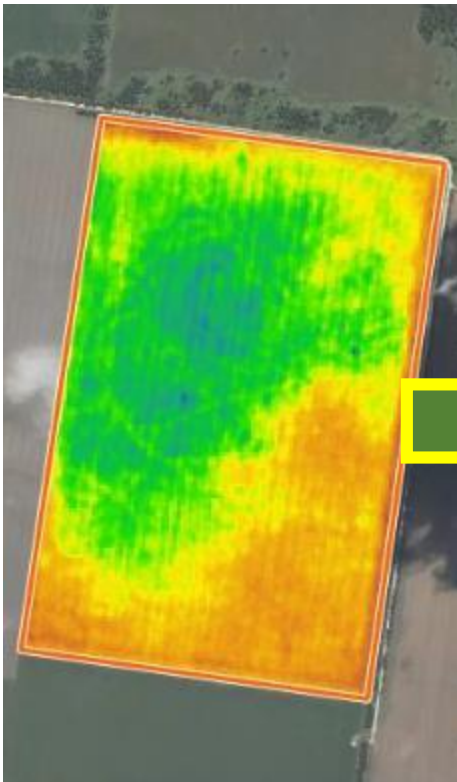


[Maps.datafarming.com.au](https://maps.datafarming.com.au)

Impact of cloud



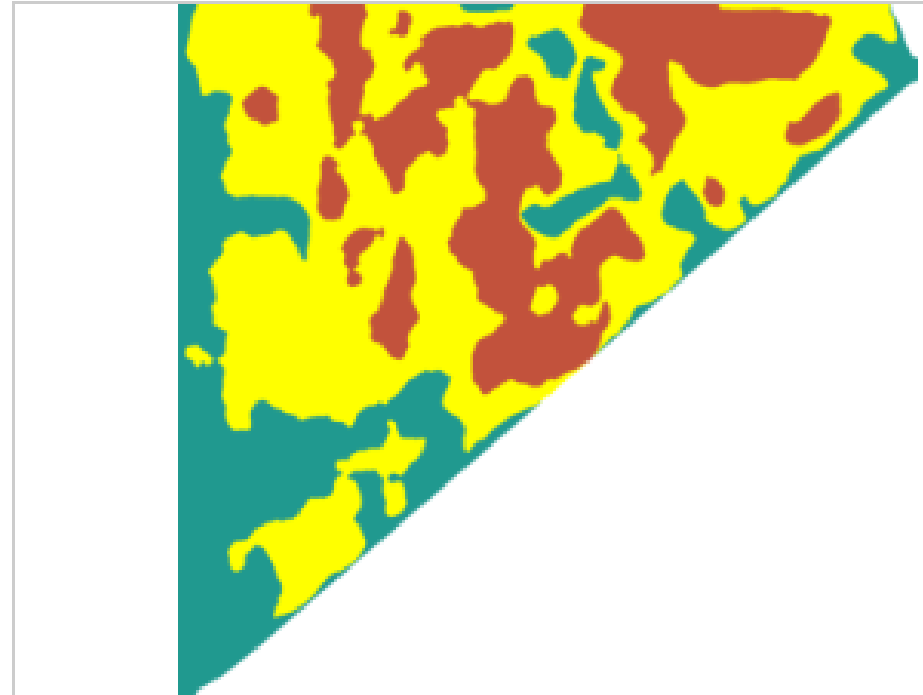
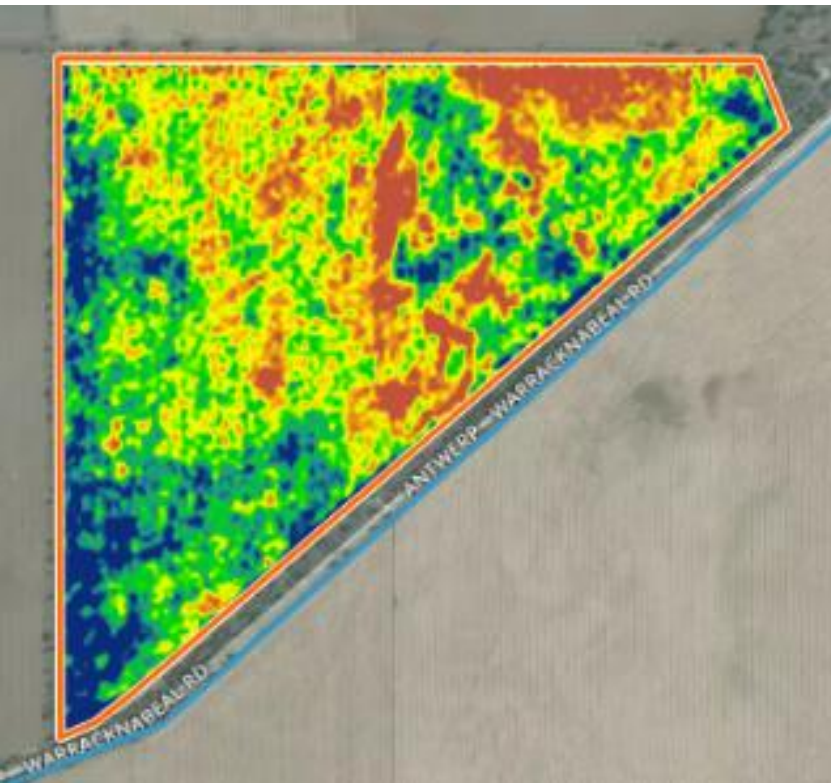
Data. Insight. Action.™



Auto-zoning

Test zone - VIC1

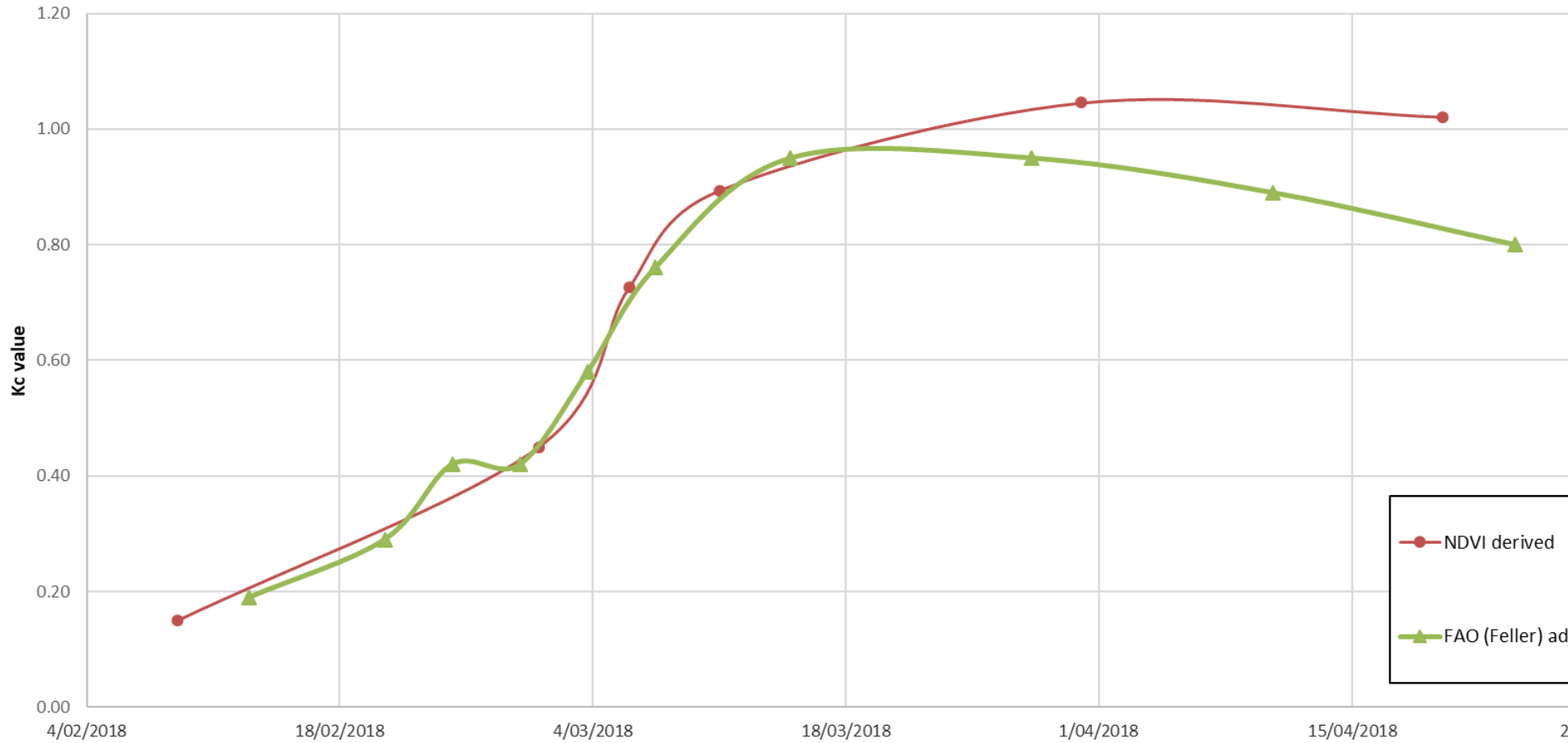
Imagery Date: 18/07/2018



Zone	Area (Ha)	Application Rate
Low	26.9	<input type="text" value="1"/>
Medium	51.9	<input type="text" value="2"/>
High	28.1	<input type="text" value="3"/>

Determining crop water use

Kc curve comparison - 2018 Broccoli



Yield monitoring

Carrot profit map

(based on yield data)

Blue=\$20-30k GM
Green = 10-20K GM
Yellow=\$5-10k GM

