

The Birchip Cropping Group &
The Committee for Economic Development of Australia

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Making Conservation Pay

Precision Agriculture on farm

Andrew Weidemann

What is Precision Agriculture?!

- Accurate measurement of inputs

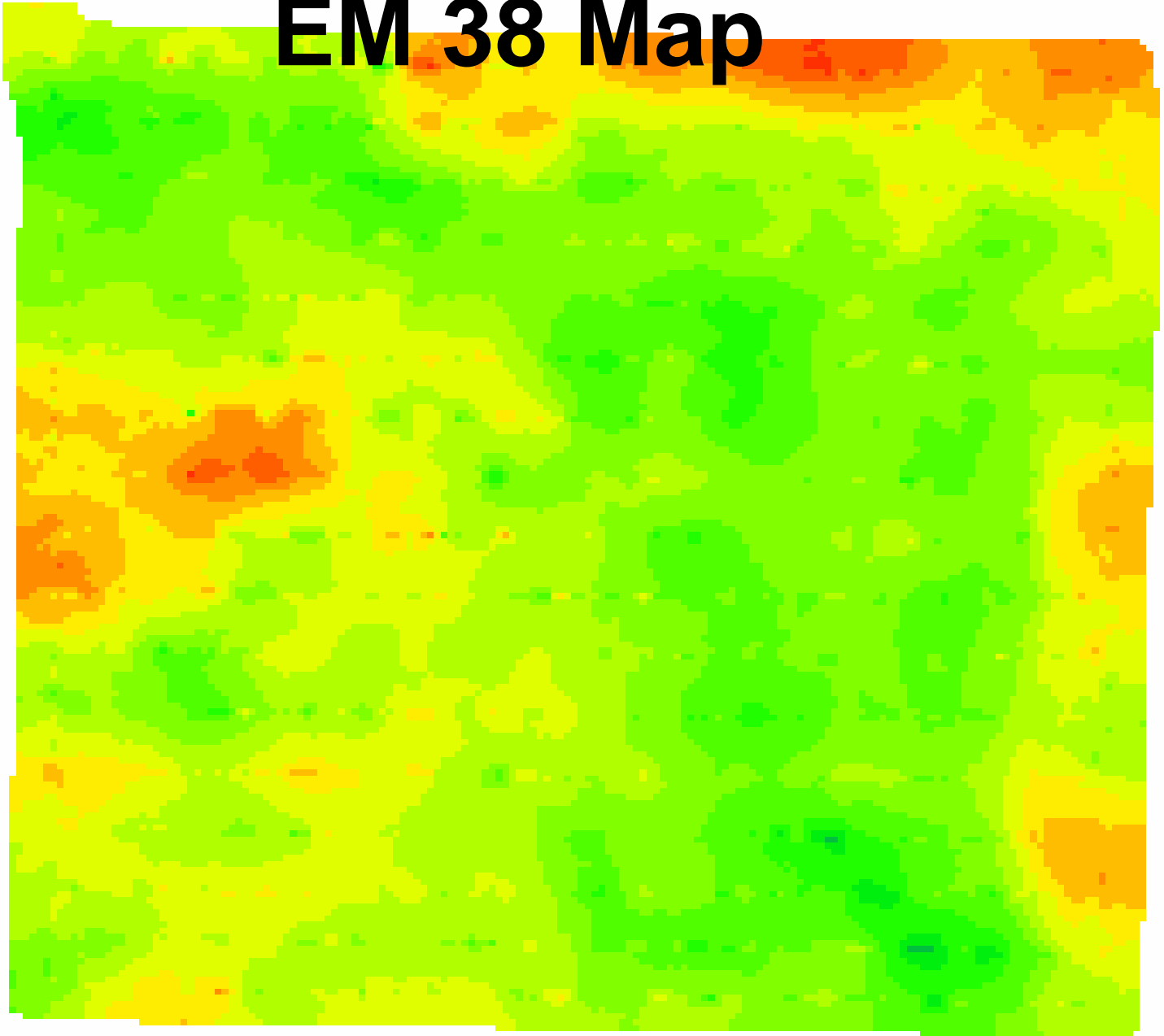


Pocket PC PAM reporting

Precision Agriculture discussion

- **Yield Maps** – mapping since 1996
- **Trials**-to select new varieties
- **VRT**- replacement of inputs in regions within a paddock.
- **EM38**- survey defines soil types by region within paddock.

EM 38 Map





Current Farm: Sunnydale

Current Field: WEP 7









Legend Info

Yield Contour - Canola - 2001

Data: Actual Data Normalized

Legend: Canola

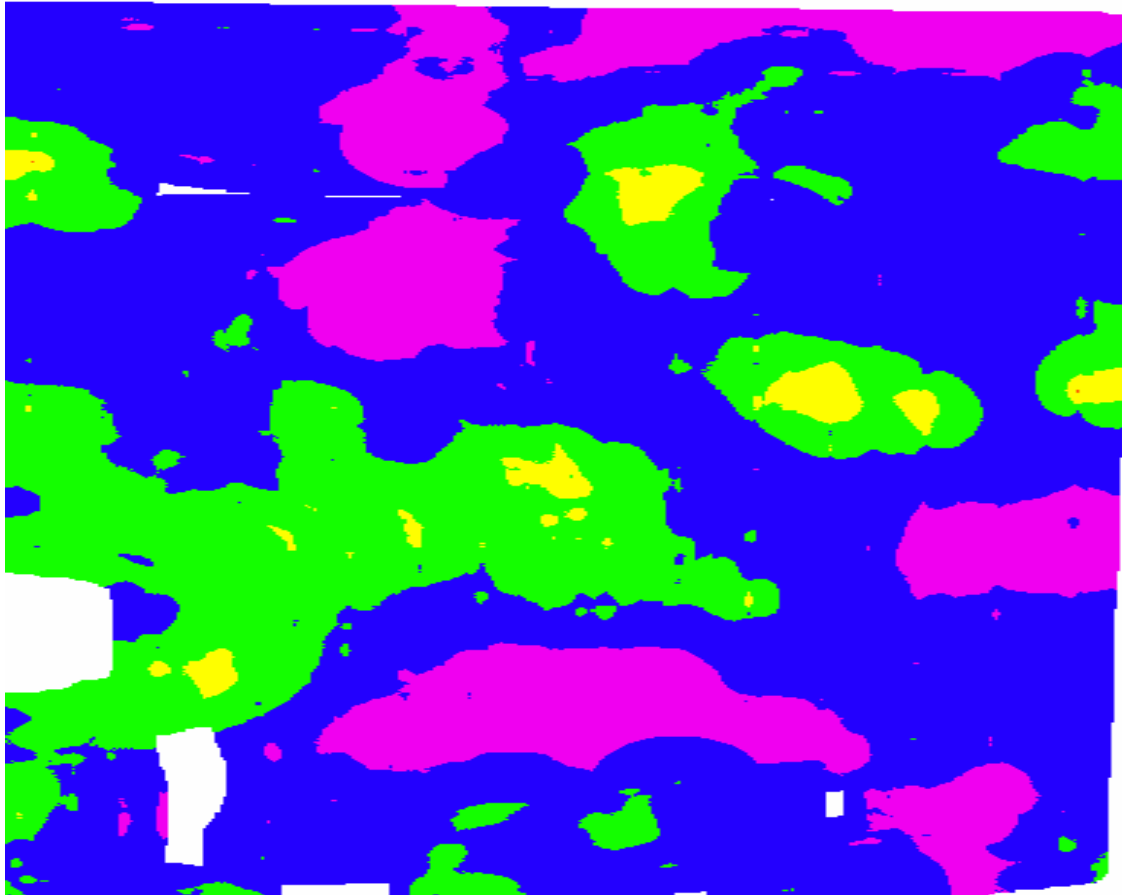
Average Canola Yield

	2,500.00 and greater
	2,250.00 - 2,499.00
	2,000.00 - 2,249.00
	1,750.00 - 1,999.00
	1,500.00 - 1,749.00
	less than 1,500.00

Contours: Solid Outlined

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EM 38 Soil Testing for Phosphorous



Auto Steer System

- This technology is giving us savings of at least 5% on input costs.
 - Fuel
 - Fertilisers
 - Chemical
 - Reduced operator fatigue



Auto Steer System