



43pl is the international consortium of SMEs in the CRC for Spatial Information

PrecisionAgriculture.com.au is a consulting company offering advice, training and products associated with precision farming industries. With a strong understanding of the complexities associated with farming systems we foster partnerships with key stakeholders in order to deliver targeted solutions.

Services

Digital Farm Maps

Farm maps show the location of features, paddocks and assets of the property. Our team has spent many years developing a suite of ideal farm mapping products. Precision Agriculture starts with an accurate digital farm map, then other information is built around this map.

Satellite Imagery

One of the most valuable PA tools on the market today is satellite imagery. With new satellites seemingly being launched almost on a weekly basis, satellite imagery will only get better, cheaper, and more accessible.

Yield Mapping

Yield mapping is a system where data about instantaneous crop yields are captured spatially. These can then be process to determine current issues as well as changes over time.

Topography and Drainage

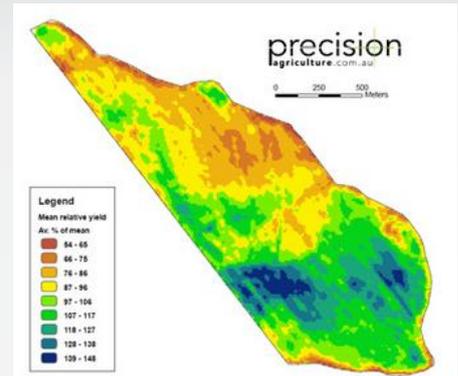
Elevation is one of the most critical layers in Precision Agriculture. It can determine waterlogged areas, erosion risk, drainage restrictions, and often is related to soil type. The good news is that elevation data can be collected very easily, especially if you own a GPS autosteer system on your tractor or spray rig. It is often easy to start logging your data - in some cases it happens autotmatically and many people don't realise this. The best data is sourced from RTK (Real-time Kinematic), where you have access to a base station (2cm system).

Variable Rate

We understand the need of offering a flexible approach to variable rate applications which may include sowing density, crop nutrition, crop protection, soil amelioration, irrigation and more.

Market Sectors

- Farmers
- Agronomists
- NRM groups
- Loss assessment
- Research



Product / Service Examples

Paddock and farm zoning is a starting point for variable rate technology. We offer two types of analysis from past yield or imagery data. Normalised and Stacked.

Spatial Information Disciplines

GIS and spatial analysis/visualisation, Mapping

Company website

www.precisionagriculture.com.au

