

Precision Agronomy



Are you looking for functional, practical training in Precision Ag? Tocal College's accredited Precision Agronomy training could be for you.

This is a nationally accredited training program designed by farmers for farmers. Precision Agronomy is all about enabling farmers and advisors to utilise existing services and data to receive better functionality, integration and return on investment.

This program has a focus on local profitability through delivering regionally based training relevant to local climate and industries.

The training consists of five modules being delivered over five days to ensure you receive the best precision ag training in the industry. The five key areas include;

1. Planning and managing Variable Rate Applications
2. Interpreting NDVI (Normalised Difference Vegetation Index) and Yield Data on farm
3. Agronomic principles, interpreting soil maps and samples to match soils and fertilisers
4. Calibrate, prepare, and use Variable Rate spreading equipment
5. Introducing GPS Guidance, variable rate controllers and auto steer technologies

Register your interest:

Complete your details and return to

- precisionag@tocal.com
- charlie.bell@dpi.nsw.gov.au
- take a photo of your details and message to
Matt Notley 0434 273 888

To speak to someone contact:

- Matt Notley – 0434 273 888 or
- Charlie Bell – (02) 4939 8875

Name

Location

Phone/Mobile

Email

Which months would you prefer to attend training?

Where would you prefer to attend training?

(Please circle) Local area Yanco Tamworth Trangie

Training Program

1. Planning and managing Variable Rate Applications

You will learn how to use soil maps and analysis software to develop 'prescription' maps for variable rate applications

2. Interpreting NDVI (Normalised Difference Vegetation Index) and Yield Data on farm

You will learn about Normalised Difference Vegetation Index, how NDVI and crop yield data are used to analyse crop performance, identify constraints and make decisions about crop inputs.

3. Agronomic principles, interpreting soil maps & samples to match soils & fertilisers

You will learn how to assess fields, sample soils and develop a soil map of your property. You will then use this map to identify soil properties and variations, and determine fertiliser or other ameliorants required

4. Calibrate, prepare, and use spreading equipment

You will learn how to select the right product and assess that product's qualities for spreading. You will then set up, calibrate, operate and service precision application equipment.

5. Introducing GPS Guidance, variable rate controllers and auto steer technologies

You will learn about data files and importance of data standardization, also GPS/GNSS systems and their applications. You will also learn about emerging technologies to support GPS based services.

- **Course Duration**

This is a five day course conducted over two workshops including an online component

This course is aligned to national units of competencies:

AHCWRK502	Collect and manage data
AHCAGB402	Analyse and interpret production data
AHCSOL402	Develop a soil use map for a property
AHCMOM306	Ground spread fertilizer and soil ameliorant
AHCMOM311	Operate precision control technology

These competencies will involve assessment activities that will be completed in a supported environment. Successful completion of these units can contribute to a nationally recognised qualification.

Tocal College (RTO 91166) is a leading Australian provider of specialised training to rural industries. It consists of the CB Alexander Campus at Paterson, the Yanco Campus at Yanco Agricultural Institute in the Riverina, and branches at Gosford, Tamworth, Trangie and Wagga Wagga.

