Farm mapping and data collection

Data collection, surveying and creating maps and models can be a complicated process. This new course from Tocal College will provide a framework and example data to assist you to streamline this.
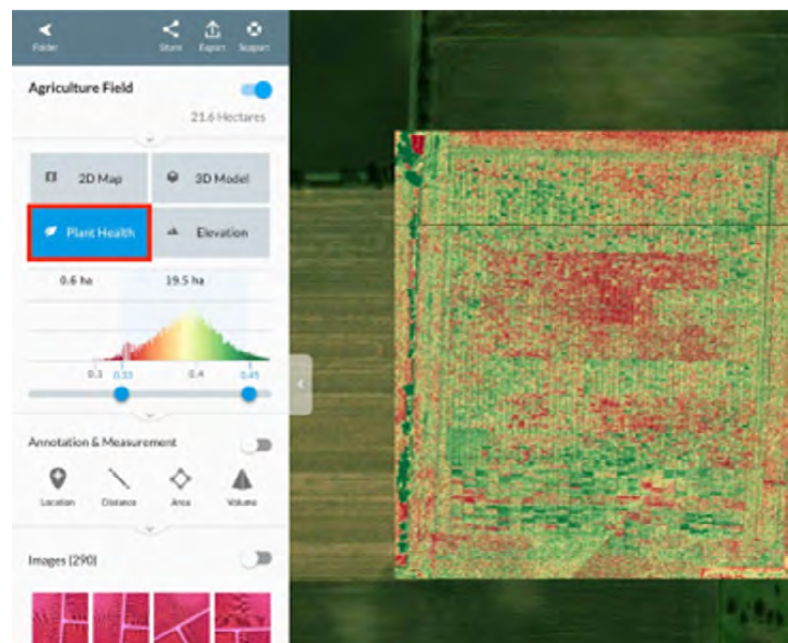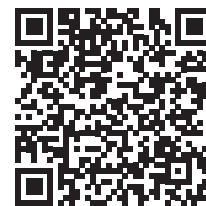
This course was designed with input from production managers and agronomists, and is delivered by industry specialists.

The course is delivered using a combination of online, workbook and practical training to help you to explore the opportunities that vegetation and landscape mapping provide in your agricultural operations. You will also learn to use crop and mobile sensors to collect farm data that can help you make informed decisions in relation to land use, development plans, fertiliser plans, sowing plans, or monitoring crops, stock and water systems.

Using established systems to create maps and models of your farm will provide transferable data that links with existing farm systems such as yield maps, soil maps and farm development project plans. Accessing real-time maps with high accuracy allow operations to better consider management and planning decisions than historic maps or lower resolution satellite maps. Data input such as soil types, and yield history and by exploring this through the structured course, you will further develop the skills required to effectively and efficiently capture and use data within your production system within the growing period.

Eligibility requirements include a minimum of 5 hours drone flight experience (logbook evidence to be uploaded on application) OR attendance at a Drones in Agriculture course.

Scan to visit course webpage

www.tocal.nsw.edu.au/courses/short-courses/agskilled

Funded training delivered by Tocal College through AgSkilled™, supported by the NSW Department of Education

Course aims

Learn to use drones for collection of crop production and map data, Geographic Information System (GIS) mapping, process map data to create useful and meaningful production maps, analyse maps, and export data for use in operations such as spray maps or variable rate sowing plans.

Course delivery

- Pre-workshop online module, readings and quiz. (Estimated time to complete is 3 hours, and completion required prior to workshop)
- One day face-to-face workshop.

Course dates 2023

Location	Online access	Workshop
Armidale	15 Mar 2023	29 Mar 2023
Bega	18 April 2023	2 May 2023
Cooma	19 April 2023	4 May 2023
Yeoval	26 Apr 2023	10 May 2023

Please check the Tocal website for most up-to-date locations and dates as we respond to demand and restrictions.

https://www.tocal.nsw.edu.au/courses/short-courses/agskilled/farm-mapping-and-data

Register for *your* cohort!

Production horticulture, rice, viticulture growers

Apply now

Click above or go to https://nswtrade.wufoo.com/forms/farm-mapping-and-data-collection/

Cotton and grain producers

Apply now

Click above or go to https://nswtrade.wufoo.com/forms/farm-mapping-and-data-collection-mjw7mh1137b4w9/

Contact

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Accredited training

The course is aligned and delivered against vocational education and training requirements. Successful completion of assessment tasks will result in achieving a Statement of Attainment and can contribute to a nationally-recognised qualification.

Units of competency

- AHCWRK207 - Collect and record production data
- AHCLPW410 - Produce maps for land management purposes

What is AgSkilled™

AgSkilled™ 2.0 is a $15 million investment by the NSW Government to upskill and better prepare the agricultural workforce for fast-moving change driven by industry innovation, research and technology through vocational education and training (VET), across agricultural industry sectors including fibre (e.g. cotton), grains, production horticulture, viticulture, rice growing, honey bees and livestock in NSW.

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