



The Upper North Farming Systems are hosting a series of

Precision Ag Workshops

**Delivered by local Precision Ag Consultant and Farmer
Jessica Koch, Breezy Hill Precision Ag Services**

These workshops are designed for farmers looking to move forward with Precision Agriculture by obtaining a sound base knowledge of what their current hardware and software is capable of.

Overarching themes include:

- What is data? Understanding terminology, storage and manipulation of mapping data
- Common map layers, what do they tell me? How can I interpret them?
- Using satellite imagery to strategically manage my 2021 crops
- The economics of Precision Ag, retrofitting equipment to use variable rate technology
- Creating prescriptions
- How to implement a georeferenced paddock scale trial
- How can I make best use of data I am already collecting?
- ROI when investing in PA

There is no 'assumed Precision Ag knowledge' needed to attend these workshops. The aim is to start from the beginning and provide the building blocks to build your PA capabilities! Workshop 1 will concentrate of Precision Ag application whilst the crop is in, Workshop 2 will be centered around harvest operations and the management of mapping and soil data in the 'off season'.

Workshop 1

Tuesday 20th July | Napperby
Thursday 22nd July | Jamestown

Tuesday 10th August | Melrose

9am – 4pm

Morning tea,
afternoon tea and
lunch provided

Free to attend, but
bookings essential

Please RSVP to
Jessica on
0407986557

or email
jessica.breezyhill@outlook.com

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Program

A jam packed program aimed at familiarizing growers with new, practical ways of implementing Precision Agriculture

Session 1 – Getting familiar with raw data

- What is data and how is it recorded?
- How do I handle data and how should I store it?
- Different file types from different brands (generic file types vs specifics) KMZ, Shapefiles, Geotiff, TASKDATA, CSV etc etc
- What data may I be collecting and not know it?

Morning Tea

Session 2 – Map layers, the lingo (featuring Beth Sleep)

- Boundaries
- Horses for courses, what are the commonly used map layers and what do they do?
- What can I learn from map layers? Which ones are good to compare?
- Advantages/disadvantages syncing your farm management into one software

Lunch

Session 3 – Understanding and utilising satellite imagery and economics

- Satellite imagery
- Where and how can I view it?
- Change detection maps
- Go through Case Studies Examples x3
- Using NDVI imagery to strategically manage frost (hay cutting)
- Economics of implementing Precision Ag
- Retrofitting a spreader, seeder with vari rate

Afternoon Tea

Session 4 – What can I go home and use straight away?

- Ways to use map layers that do not involve expensive upgrades
- How do I carry out an accurate paddock scale trial?
- How do I make a prescription? Go through an example
- What is 'as applied' data? How can I use it?

