



## CCA Cotton Market Audit 2023 - Extended Data Guidelines

In 2022 we expanded the scope of the Cotton Market Audit. Cotton Research and Development Corporation funded a pilot program to collect more information to assist with setting research priorities and to measure the impact of current programs on practice change. The extended data collection is continuing in 2023 and this fact sheet provides the information CCA members need to supply additional data for this project.

Data can be submitted through Agworld, Excel spreadsheet, or a mixture of both. The ready reckoner shows which methods are suitable for entering the different types of data.

**NOTE:** In the case that data is being supplied in separate formats, it is critical that farm name and field names are exactly the same for each form of the data. This is so that they can be combined and matched up to create a full dataset.

### Ready Reckoner

Data Category	Inclusions	Agworld	Excel
Base Data – Crop Protection / Seed	Variety, Herbicides, Insecticides, Fungicides, Plant Growth Regulators, Defoliants, Seed Dressings, Irrigated / Dryland, Pests, Cropping Region, Technology Type, Product Rates, Product Totals	Y	Y
Applied Nutrient	Ground-applied fertiliser	Y	Y
	Foliar fertiliser	Y	Y
Production	Lint Yield	Y	Y
Irrigation	Water Use	Y	Y
	Type of Irrigation	Y	Y
	Energy source for pumps		Y
	Water source		Y
Tillage Operations	Type and Number of Operations	Y	Y
Miscellaneous	Crop Rotation – Previous crop		Y
	Crop Rotation – Length of fallow		Y
	Distance to nearest ginnery		Y



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## Extended Data in Excel

Yield (bales/ha)	Irrigation - Water Use (ML/ha)	Irrigation Type	Irrigation Energy Source (Pumps)	Irrigation - Water Source	Tillage Operation	Previous Crop	Length of Fallow (months)	Distance to Nearest Gin (km)
11.5	5.7	Flood	Diesel	River - Pumped	Centre Bust	Cotton	6	23
12.1	6.1	Overhead	Diesel	River - Pumped	Centre Bust	Sorghum	15	23

All the extended data can be entered in the Excel template shown above. There are drop-downs to select various options where applicable, or you can enter numbers directly into the cells. Contact CCA to obtain your Extended Data Template.

## Extended Data in Agworld

Agworld can capture some of the extended data and may prove more convenient to use for some types of data. Much of this may have been recorded in Agworld in previous seasons. For example, Agworld users would be familiar with entering fertiliser applications, but this data was not necessarily complete in previous years. If we use your fertiliser data out of Agworld we will need to be sure that it is an accurate and complete set of information.

### Entering Yield in Agworld

Enter <Workflow> <Harvest>

Select [Harvest Loads](#) tab

The screenshot shows the Agworld interface for the 'Harvest' workflow. At the top, there is a breadcrumb trail 'Workflow > Harvest', a farm name 'CCA Demo Farm', and the year '2022'. Below this, a dropdown menu is set to 'Cotton' with a link to 'Manage Commodities for CCA Demo Farm'. On the right, there are three tabs: 'Summary', 'Harvest Loads' (which is circled in red), and 'Transactions'. An 'Export all data' button is located below the tabs. At the bottom, a table header is visible with columns: 'FIELD NAME', 'CROP AREA', 'HARVESTED AMOUNT', 'YIELD', 'REVENUE', and 'REVENUE PER AREA'.



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Select <Create>

Enter [New Harvest Load Details](#):

- Completed Date
- Field
- Commodity
- Initial Net Harvested Amount

Select <Create 1 Harvest Load>

You can review yields per hectare in the summary tab.

A screenshot of the 'New Harvest Load' form in the Agworld system. The form is titled 'New Harvest Load' and contains several input fields: 'COMPLETED DATE' with a date and time of '02/06/2022 11:24 AM'; 'FIELD' with a dropdown menu showing 'Field 2 (Cotton)'; 'COMMODITY' with a dropdown menu showing 'Cotton'; and 'INITIAL NET HARVESTED AMOUNT' with a text input field containing '55' and a unit dropdown menu showing 'bale'. Below the amount field, there is a note: 'Total net harvested amount from the field (Bales - 227 kg)'. At the bottom, there is a checkbox labeled 'Manually adjust final amount' which is currently unchecked.

To produce a yield report, simply click on export in the harvest summary tab.

### [Entering Irrigation into Agworld](#)

Irrigation information can be partially entered in Agworld. You can enter each irrigation, including the amount of water used and the type of irrigation. There is no way to enter the water source and the pump energy types are not comprehensive. It may be easier to enter all irrigation data in Excel. Please discuss your preferences with CCA and we will assist you to work out the best way to capture this data.



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### Entering Tillage Operations in Agworld

Tillage operations can be entered either individually for each operation, or you can enter all tillage for a field as one entry as described below.

Select the field and create a new actual. Select **<+ Operation>**, and then search for the type of operation e.g. primary tillage.

Select **<Count>** in the Mix Method field, and then enter the total number for that type of operation.

Add more types of operation by selecting **<+ Operation>** and repeating the process for each. Select **<Save>** once all operations have been entered.

New Actual:

Apply a Template

General Harvest

Basic Details →

Locations

Farm 1 - Field 2 5.54 ha →  
Cotton - Sicut 74683F (RF/B3)

+ Add Location

Pests & Problems

+ Add Problem

Inputs & Operations

Primary tillage 3 each →

+ Product + Seed + Operation

Operation

Primary tillage

MIX METHOD

Count

RATE RATE UNIT (optional)

3 Each

PRICE PER UNIT SIZE (optional) UNIT SIZE UNIT TYPE (optional)

0 \$ 1 Each

TAGS (optional)

Select or enter a new value

Delete operation

Cancel Save as Draft Save