CropScanAg
Solutions

Mapping Service

CropScanAg Mapping

Making the right decisions is so important for today's farming operations. Precision Agriculture is supposed assist in making the right decision, however most farmers never get their Yield maps generated in a timely manner. As such next year's harvest comes around and you have missed the opportunity to make changes where it will make the most improvements in profit and productivity.

CropScanAg Mapping is a new service which aims to help farmers organise their Digital Farm data and present the data in a simple, easy to use format and in a timely manner. CropScanAg Mapping will collate and process the Protein, Moisture, Oil and Yield data from the CropScan 3000H On Combine Analyser and return the data to the farmer as a series of usable maps. This ensures farmers and their agronomists have the important data before the big decisions need to be made.

CropScanAg Mapping uploads data to the farmers personal Dropbox account, making your data easily accessible and shared. The Yield and Protein data will upload automatically to Dropbox when the combines comes into range of a Wifi link or a hotspot through your smart phone.

After sharing your Data Folder with CropScanAg Mapping, our CropScanAg specialist will collate the data for each field or paddock and then generate the following maps;

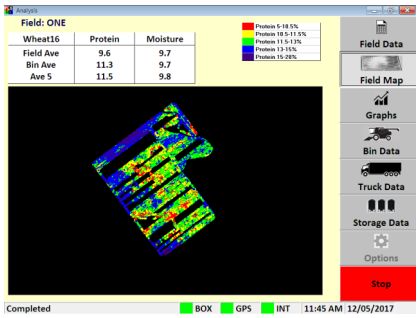
- Protein, Moisture, Oil and Yield Maps
- Protein/Yield Correlation Quadrant Maps
- Nitrogen, Sulphur, Phosphorus, Potassium Removal Maps

Our specialist will then upload the files to your Dropbox account where you can download and share them with your agronomist.

The data files can be opened in Farmworks, CASE AFS, New Holland PLM and AgLeader SMS software packages. The data can also be sent to your AgWorld account.

How it works:

The Yield and Protein data stored in the monitors inside your combine are very valuable if you can use them to better understand the variability in Nitrogen availability and uptake across your paddocks. CropScanAg Mapping can help farmers to better capitalize on their investments in PA equipment.

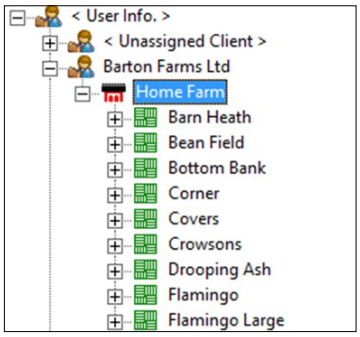


Prior to harvest farmers send their Farm Works, ASF, PLM or SMS backup files to their Dropbox account. This ensures CropScanAg Mapping has the latest backup files ready to populate each map.

The data folder on the CropScan 3000H can be linked to a Dropbox account directly from the in cabin PC. Any data collected can be backed up to your Dropbox every time you have an internet signal.

The Yield data from your combine's Yield Monitor can be uploaded to the CropScan 3000H PC using a USB Memory Devices and transferred to the data folder for that year's harvest. This process removes the need to email the data. Once the data comes into the shared Dropbox account, our CropScanAg Mapping specialist can start processing the data and generating the maps.

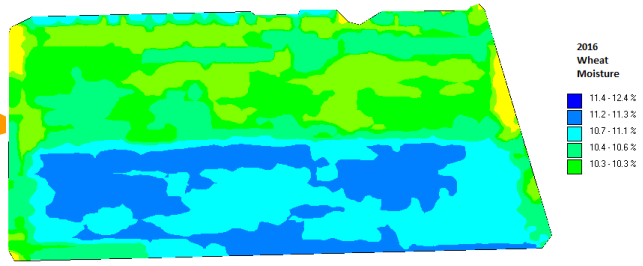
Work Flow

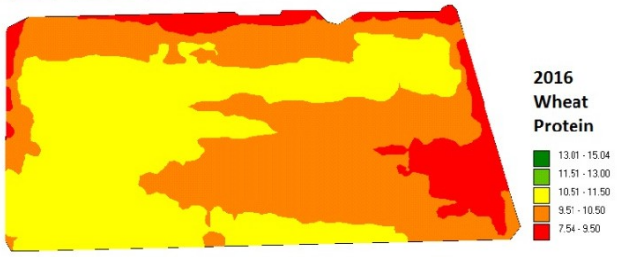


CropScanAg specialist helps set up Farmers Digital Farm.

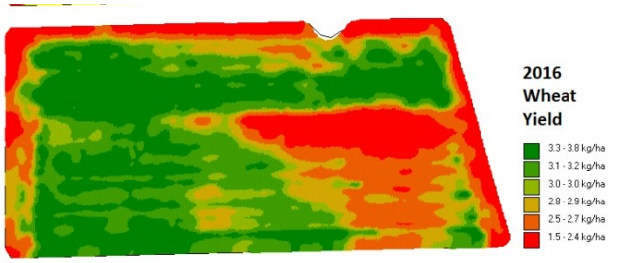
Maps include: Yield, Protein, Moisture, Protein/Yield Correlation Quadrants and Nitrogen, Sulphur, Phosphorus, Potassium Removal

CropScanAg Specialist generates the maps and backup data files

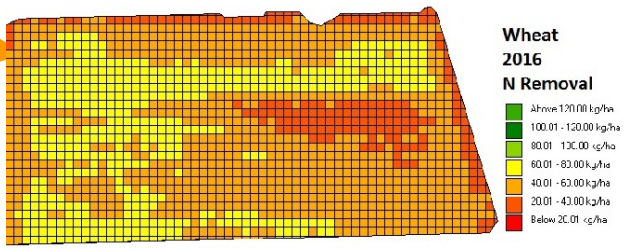




Files can be shared to Farmer's AgWorld account



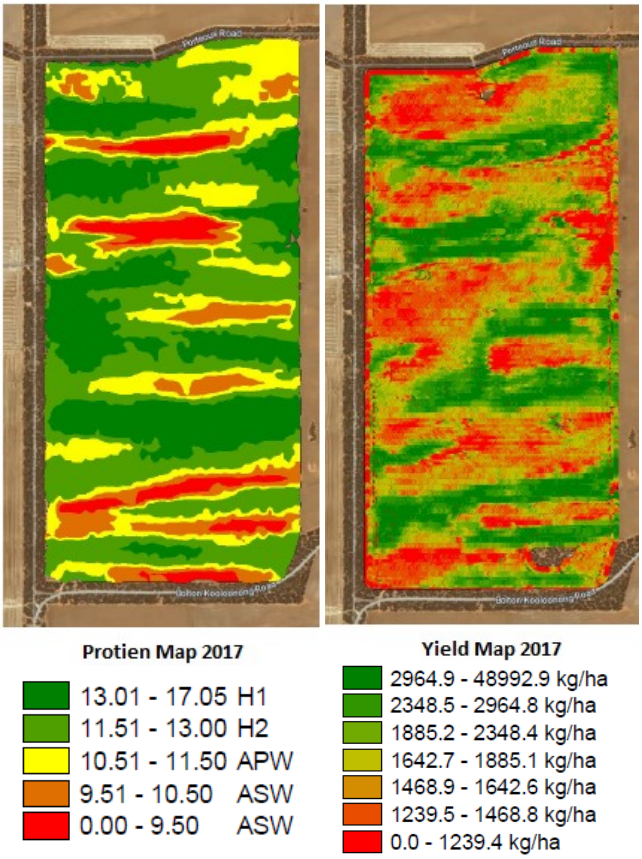
Farmer and Agronomists review maps and decide what actions can be taken



Data Processing:

CropScanAg Mapping will generate Yield, Protein, Moisture and Nitrogen Removal maps for each field that has been harvested. The maps will be developed with the software nominated by the farmer; Farm Works, ASF, PLM or SMS. This enables CropScanAg Mapping and the farmer to share data seamlessly.

The maps generated will be backed up in your Farm Works, ASF, PLM or SMS software which CropScanAg will share back with you. CropScanAg Mapping will provide tutorials to show you how to create farm specific Gross Margin Maps and Application Maps.



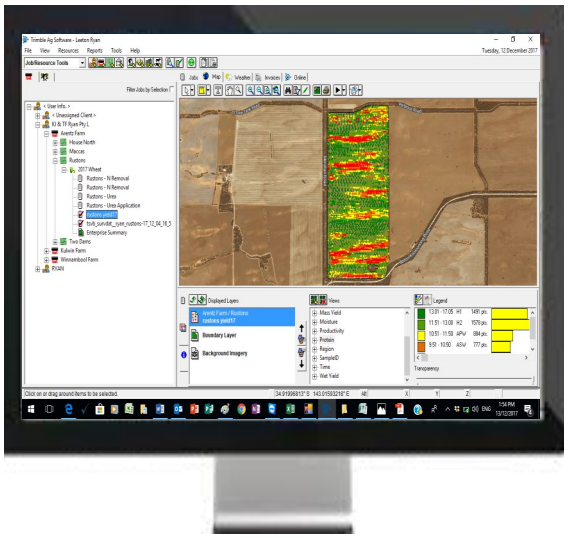
The client then restores the backup and the data is now there for the client and agronomist to use. The Map data provides a post harvest assessment of the production and efficiency for the inputs used during harvest.

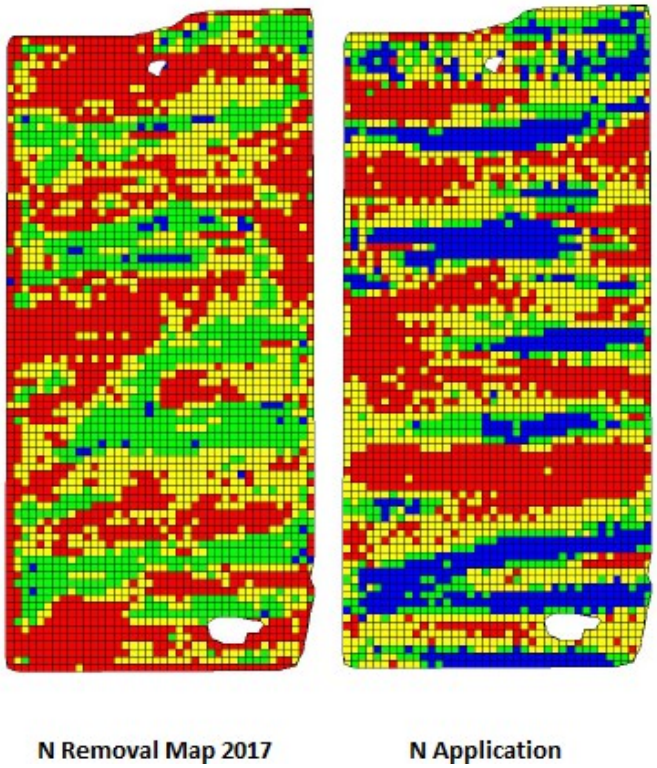
'Did you get it right or

can you do better next year?'

Data Viewing:

CropScanAg Mapping will provide each client with the backup file and a PDF of each map that is generated. The data provided by CropScanAg Mapping can also be populated into an Agworld account.





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