

Smart Agriculture Research

2024 Summary: Combyne Platform Evaluation

This project evaluated the Combyne software, which allows producers to track their commodity inventories and yield projections against their marketed and delivered crop. The goal was to report on user experience and provide feedback and recommendations to the Combyne team.

INTRODUCTION

Combyne is a crop marketing management tool for farmers that focuses on marketable crop management and recordkeeping. Combyne unifies projected yield and harvested crop management with contract, delivery and settlement recordkeeping into a single app. It enables informed decision-making around price, risk, cash flow and profitability. Using Olds College Smart Farm records, five users of Olds College Centre for Innovation (OCCI) conducted evaluations of the platform to validate the functionality of the total marketable crops functions as well as a breakdown of on-farm and off-farm storage.

OBJECTIVES

- Document the experience of a new user onboarding onto Combyne.
- Review the functionality of total marketable crop (projected yields, harvested bushels and sold crop).
- Evaluate grain storage and inventory tools (on-farm vs off-farm).
- Assess trade document management functionality.

STUDY DETAILS

Five new users conducted three phases of evaluations

- Phase I: Account creation and familiarization
- Phase II: Review total marketable crop and storage features
- Phase III: Test Combyne’s trade document uploading tool for contracts, load tickets and settlements

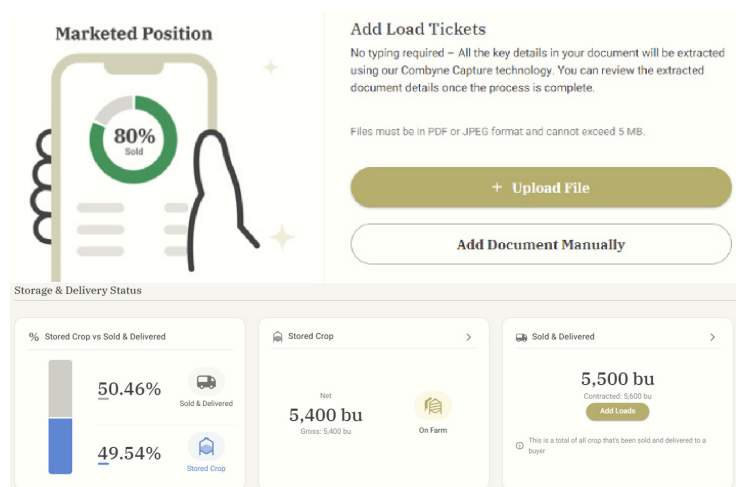
RESULTS

The evaluations resulted in many specific documented experiences and recommendations to the Combyne team. These suggestions included:

- Modifying terminology.
- Adding additional tools and functionality.
- Providing additional details in the onboarding of new users.
- Overall, the users agreed the software would provide valuable information for producers to make informed decisions .

FUTURE RESEARCH

Future research opportunities have been identified for Combyne to explore with OCCI.



Marketed Position

80% Sold

Add Load Tickets

No typing required – All the key details in your document will be extracted using our Combyne Capture technology. You can review the extracted document details once the process is complete.

Files must be in PDF or JPEG format and cannot exceed 5 MB.

+ Upload File

Add Document Manually

Storage & Delivery Status

% Stored Crop vs Sold & Delivered	Stored Crop	Sold & Delivered
50.46% Sold & Delivered	Not 5,400 bu Gross 5,400 bu On Farm	5,500 bu Contracted 5,600 bu Add Loads
49.54% Stored Crop		This is a total of all crop that's been sold and delivered to a buyer

