

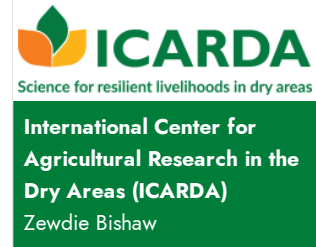
Combine Harvesters for Wheat and Fleet Management tool

Efficient Harvesting, Smarter Fleet Management

The combine harvester is a modern agricultural machinery designed to perform multiple harvesting operations as threshing, gathering, and winnowing, all in a single process. Available in various sizes, its suitable for crops like wheat, maize, rice, soybean, barley, sunflower, and more.



Combine harvester operating in Sudan



This technology is **TAAT1 validated**.

8-8



Scaling readiness: idea maturity 8/9; level of use 8/9

Gender assessment

4

Climate impact

6

1

Problem

- Traditional manual harvesting is time-consuming and demands significant labor.
- Conventional threshing methods are slow and risk potential grain loss.
- Manual separation of grain from chaff is inefficient, leading to impurities.
- Older methods may have limited capacity, resulting in slower operations.

Solution

- Combine harvesters automates the harvesting process, reducing the need for manual labor.
- Its offers threshing mechanisms, minimizing grain loss during harvesting.
- Its incorporate separation technologies, ensuring effective grain separation and reducing impurities.
- Help to increases harvesting capacity.

Key points to design your program

The Combine harvesters and fleet management technology cater to the interests of resellers, fleet managers, and users (farmers).

- They all benefit by addressing farmers' needs to reduce crop losses,
- contributing to global nutrition and empowering diverse farming communities.
- Costs vary based on technology size, ranging from 12,000 USD for small units to 500,000 USD for large units. The Hello Tracteur app optimizes fleet management.

Cost: \$\$\$ **12,000—**

500,000 USD

Unit of combine harvesters

56—63 USD

harvesting unit cost per Ha

35 %

Reduced harvest losses



Unknown

Technology from

ProPAS

Commodities

Maize, Rice, Wheat, Soybean

Sustainable Development Goals



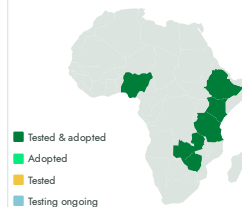
Categories

Harvest, Equipment, Land preparation

Best used with

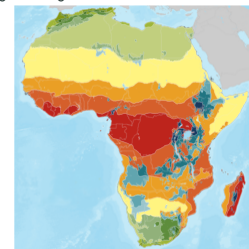
- [Contract mechanization apps](#)

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Farmers



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<https://e-catalogs.taatafrica.org/org/technologies/combine-harvesters-for-wheat-and-fleet-management-tool>

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