

RiceAdvice digital support

Your Digital Guide to Better Harvests

RiceAdvice helps rice farmers optimize their crops! This app takes 10 minutes to answer questions about your farm, then recommends the best fertilizer types, amounts, and timing. It even helps set yield goals and fight weeds efficiently.

Using RiceAdvice



This technology is **TAAT1 validated**.

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

Gender assessment **4**

Climate impact **2**

Problem

- **Inefficient Fertilizer Use:** Wrong amounts and types hurt yields and waste money.
- **Weeds Steal Profits:** Without effective control, weeds can significantly reduce harvest.
- **Guessing Game Yields:** Unclear targets and calendars lead to inefficient farming.
- **Climate Woes:** Adapting to droughts and floods is a constant struggle.
- **Offline Knowledge Gap:** Limited internet access cuts farmers off from vital resources.

Solution

- **Fertilizer Fix:** Get the right amount and type for bigger yields and less waste.
- **Weed Warrior:** Fight weeds with "RiceAdvice-WeedManager" for a cleaner harvest.
- **Yield & Calendar Coach:** Set smart goals and plan your season based on your farm's needs.
- **Climate Champion:** Adapt and thrive despite weather challenges.
- **Offline Access:** Use it even with limited internet (occasional connection needed).

Key points to design your project

RiceAdvice app offers free, field-specific advice for rice farmers.

To integrate in a project:

- Download it and train extension agents to help farmers access the app's features. This includes guidance on nutrients, weeds, yield targets, and climate risks.
- Monitor results and consider collaborating with agricultural groups to promote wider adoption.

While the app is free, consider costs for devices, data, and extension agent support.

Cost: **\$\$\$ 0 USD**

for download

ROI: **\$\$\$ 100–200 USD**

Income increased per hectare

0.6–1.8 ton per hectare

Average grain yield



Open source / open access



AfricaRice

Africa Rice Center
Kazuki Saito

Technology originally documented by

ProPAS

Commodities

Rice

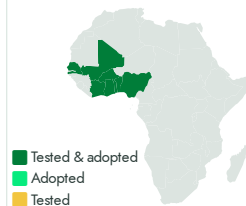
Sustainable Development Goals



Categories

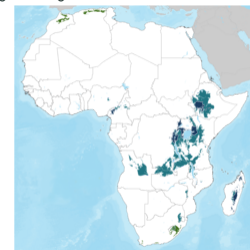
Production, Prevention & storage, Market, Digital applications, Advisory and information service

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/gov/technologies/riceadvice-digital-support>

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