

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



Africa Rice Center
Kazuki Saito

This technology is **TAAT1 validated**.

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

Gender assessment

Climate impact

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).

Technology originally documented by
ProPAS

Commodities
Rice

Sustainable Development Goals

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

Cost: \$\$\$ **0 USD**
for download

ROI: \$\$\$ **100—200 USD**
Income increased per hectare

0.6—1.8 ton per hectare
Average grain yield

IP
Open source / open access

Tested/adopted in

Legend:
■ Tested & adopted
■ Adopted
■ Tested

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

Target groups
Farmers



RiceAdvice digital support
<https://e-catalogs.taatafrica.org/org/technologies/riceadvice-digital-support>
Last updated on 22 May 2024, printed on 22 May 2024

Enquiries techs@taatafrica.org