

Rice Swarna 2

Unleashing Prosperity with Resilient Rice - Medium Cycle, Maximum Yield, Unmatched Quality

Rice Swarna 2 F1 is an advanced rice variety designed for high yields (up to 12 MT/ha), superior milling quality (over 70%), and strong resistance to diseases like BLB and blast. It offers double the yield of traditional OPVs, leading to increased profitability for farmers. This technology represents a significant shift towards sustainable, high-yield agriculture.



Advanta Seeds
Ibrahim Shindu

Commodities

Rice

Sustainable Development Goals



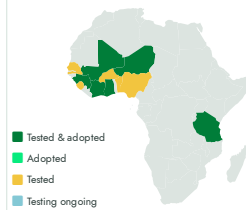
Categories

Production, Improved varieties,
Yield improvement, Quality improvement

Best used with

- [Nitrogen management for Efficient Rice Fertilization >](#)
- [Foliar micronutrient addition for healthier rice >](#)
- [Motorized weeders for rice production >](#)
- [RiceAdvice digital support >](#)
- [Axial flow thresher and improved quality polishing >](#)
- [Parboiling and flour production equipment for rice >](#)

Tested/adopted in



Where it can be used

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



This technology is **pre-validated**.

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

Gender assessment **4**

Climate impact **6**

Problem

Low Yields: Poor farming and weather affect rice yields.

Insufficient Milling: Bad milling leads to money loss.

Reduced Tolerance to Bacterial Disease: Vulnerability to a bacterial disease causes yield losses.

Blast Disease Susceptibility: Lack of resistance to a fungal disease results in crop losses.

Solution

Low Yields: Rice Swarna 2 yields up to 10 MT/ha, enhancing food security.

Insufficient Milling: With a milling percentage over 70%, it improves market value.

Reduced Tolerance to Bacterial Disease: It's engineered to resist bacterial diseases.

Blast Disease Susceptibility: It also has strong resistance to fungal diseases.

Key points to design your project

Rice Swarna 2, a high-yielding and disease-resistant rice variety, tackles gender inequality (SDG 5) and climate change (SDG 13). Increased yields can empower women farmers by improving food security and livelihoods. Reduced disease might lead to less pesticide use, benefiting the environment.

Successful implementation requires a plan:

- Secure certified seeds and suitable land with proper drainage and irrigation.
- Train farmers on specific planting methods for Swarna 2.
- Plant Swarna 2 seeds according to recommended spacing.
- Implement proper weed control, fertilization, and irrigation throughout the season.
- Monitor crop health and assess yield to measure success and identify areas for improvement.

Remember: Access to necessary tools and equipment is crucial.

Cost: \$\$\$ **115 USD**

Average cost of seeds for a farmer /ha

2000 USD

Average gross income /ha

475 USD

Total input costs /ha



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https://e-catalogs.taatafrica.org/gov/technologies/rice-swarna-2

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