FeSeRWAM: Fertilizer and Seed Recommendations Map for West Africa

FeSeRWAM, Smart Recommendations to Optimize Your Farming Practices!

FeSeRWAM is a digital, georeferenced platform used across West Africa, Mauritania, and Chad to help development partners identify crop-specific agricultural input packages tailored to local farming conditions. Co-developed by IFDC and CORAF with regional partners, the platform provides recommendations on improved seed varieties, appropriate fertilizers, and good agricultural practices to support project planning, advisory services, and the implementation of sustainable agricultural interventions.

This technology is pre-validated.

8·9 Scaling readiness: idea maturity 8/9; level of use9/9

Inclusion assessment 15 8 12

Climate impact 7

Problem

- Limited access to crop-specific recommendations reduces project effectiveness.
- Poor access to reliable recommendations weakens project planning.
- Scattered agricultural recommendations delay agricultural interventions.
- Weak project planning limits informed decision-making.

Solution

- Improves project planning with crop-specific agricultural recommendations.
- Strengthens project implementation and farmer training through reliable recommendations.
- Simplifies access to agricultural input packages on one digital platform.
- Strengthens agricultural decision-making with localized, evidence-based recommendations.

Key points to design your program

FeSeRWAM can be integrated into food security, climate-smart agriculture, digital agriculture, and agricultural extension programs to provide agroecological recommendations, improve farm productivity, and strengthen evidence-based agricultural decision-making. Its adoption contributes to **SDG 2 (Zero Hunger), SDG 12 (Responsible Consumption and Production), SDG 13 (Climate Action), and SDG 15 (Life on Land).**

To integrate this technology into your project, plan and budget for the following activities and prerequisites:

- Facilitate access to the FeSeRWAM platform, digital devices, and advisory services.
- Build partnerships with IFDC, CORAF, national agricultural research and extension institutions, farmer organizations, and development partners.
- Train farmers and extension agents on using the platform and applying agroecological recommendations.
- Promote women's and youth participation in digital agricultural advisory services.
- Monitor platform adoption, recommended practices, crop productivity, fertilizer-use efficiency, and user satisfaction.

1034 Agricultural input packages
Site-specific agricultural input packages combining

806 Improved varieties
Improved crop varieties available through the platform

64+ Fertilizer recommendations
Site-specific fertilizer recommendations developed to

27 Crops
Crop-specific recommendations available through the FeSeRWAM platform.

IP
Unknown

IFDC
Yusuf Dramani

Commodities

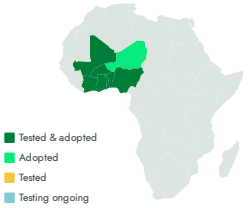
Maize, Rice, Sorghum/Millet, Soybean, Cowpea, Groundnut, Cassava, Yam, Sweet Potato, Okra, Tomato, Onions, Pepper, Coffee, cotton, Mango, citrus, Bananas &...
+ 13 more

Sustainable Development Goals

Categories

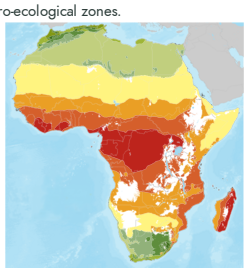
Production, Digital applications, Advisory and information service, Yield improvement

Tested/adopted in



Where it can be used

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



Target groups

Development institutions, Farmers, Advisory and Extension Services, Cooperatives and Agribusinesses

improved seed varieties, fertilizer recommendations, and good agricultural practices.	for different crops and agroecological conditions.	improve nutrient management and crop productivity.