

FeSeRWAM: Fertilizer and Seed Recommendations Map for West Africa



IFDC
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Commodities

Maize, Rice, Sorghum/Millet, Soybean,
Cowpea, Groundnut, + 13 more

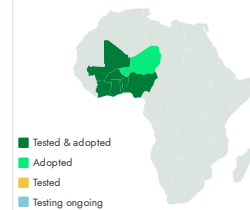
Sustainable Development Goals



Categories

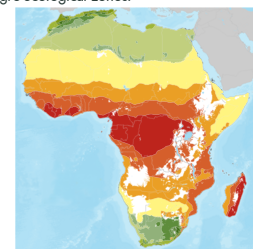
Production, Digital applications,
Advisory and information service,
Yield improvement

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

This technology is **pre-validated**.

8.9



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

1034

Agricultural input packages

Site-specific agricultural input packages combining improved seed varieties, fertilizer recommendations, and good agricultural practices.

806 Improved

varieties

Improved crop varieties available through the platform for different crops and agroecological conditions.

64+ Fertilizer

recommendations

Site-specific fertilizer recommendations developed to improve nutrient management and crop productivity.

27 Crops

Crop-specific recommendations available through the FeSeRWAM platform.



Unknown

Problem

- Limited access to crop-specific recommendations reduces accurate farming decisions.
- Weak access to reliable recommendations limits effective extension and advisory services.
- Scattered recommendations hinder the identification of suitable agricultural input packages.
- Inefficient access to recommendations weakens agricultural planning and decision-making.

Solution

- Provides crop-specific recommendations to improve farming decisions.
- Strengthens extension and advisory services with reliable recommendations.
- Simplifies access to agricultural input packages through one digital platform.
- Supports agricultural planning with accessible, reliable recommendations.

Key points to design your business plan

End Users

Smallholder and commercial farmers can improve crop management and productivity using crop-specific recommendations on improved seeds, fertilizers, and good agricultural practices tailored to local conditions.

To adopt this technology, users should consider:

- Accessing recommendations through the FeSeRWAM web platform or mobile app.
- Using tailored recommendations to select appropriate seeds, fertilizers, and practices.
- Applying the recommended practices to optimize input use and farm planning.
- Improving productivity and decision-making with science-based recommendations.

Distributors / Service Providers

Agro-dealers, extension providers, and digital advisory services can use FeSeRWAM to deliver reliable, crop-specific recommendations and strengthen agricultural advisory services.

To integrate this technology into their business, service providers should consider:

- Delivering digital advisory services using FeSeRWAM recommendations.
- Accessing the platform through the web or mobile application.
- Building capacity to interpret recommendations and support farmers.
- Expanding outreach through extension programs and development partnerships.

Inclusion assessment



15



8



12

Climate impact



7



FeSeRWAM

<https://taat.africa/zqr>

Last updated on Aug 7, 2026 printed on Aug 7, 2026

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