

Digital online platform for agricultural development

Caroline Makamto Sobgui

WATEF

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Introduction

- The agri-food system is characterized by several challenges which are impeding its ability to achieve agricultural transformation
- Raising agricultural output and productivity will be accomplished by promoting and supporting the use of yield enhancing technologies and modern management practices.



Introduction

- Online platform help to reduce the distance between agriculture actors by bringing reliable information on existing technologies to potential users
- Access to quality information can influence the decision-making process of agricultural stakeholders for the adoption of new T&Is.
- Smartphone penetration is on the rise in Africa, presenting an opportunity to deliver critical information through mobile internet.



Online Platforms

- Online platforms can effectively improve the access of quality information to agricultural stakeholders
- Critical selection of technologies to be scaled up is necessary since not every T&Is are scalable.

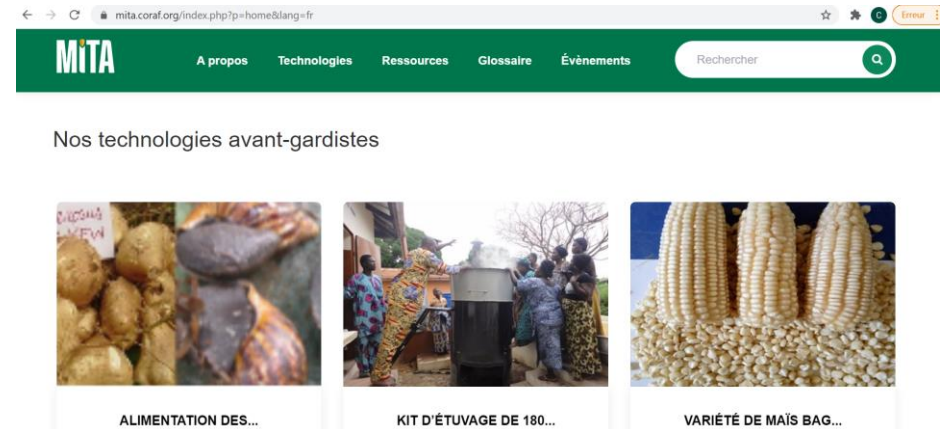


Critical screening and selection of technologies to upscale

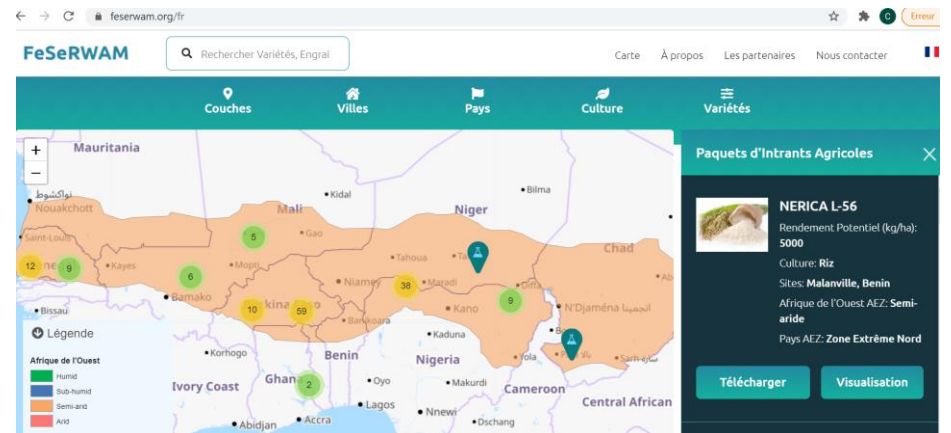
- T&Is have intrinsic characteristics or value proposition that make them more or less scalable.
- The selection of T&Is with high scalability potential is performed with regard to:
 - Their performance to fill an identified gap
 - The context, the target population needs and their locations
 - Existing or potential market for the technology
 - The social and environmental matters
 - The capacity of the public and the private sectors to drive and facilitate the scaling of the technology.

CORAF Informatics to display scalable technologies

- **FeSeRWAM** <https://feserwam.org/fr>
- **MITA** <http://mita.coraf.org>



The screenshot shows the MITA website interface. At the top, there is a green navigation bar with the MITA logo and menu items: A propos, Technologies, Ressources, Glossaire, and Événements. A search bar is located on the right. Below the navigation bar, the main heading reads "Nos technologies avant-gardistes". Three featured technology cards are displayed in a row, each with a photograph and a caption: "ALIMENTATION DES...", "KIT D'ÉTUUVAGE DE 180...", and "VARIÉTÉ DE MAÏS BAG...".



The screenshot shows the FeSeRWAM website interface. At the top, there is a green navigation bar with the FeSeRWAM logo and menu items: Couches, Villes, Pays, Culture, and Variétés. A search bar is located on the right. Below the navigation bar, a map of West Africa is displayed, showing various countries and regions. A legend on the left indicates climate zones: Humid (green), Sub-humid (blue), Semi-arid (orange), and Arid (red). A sidebar on the right titled "Paquets d'Intrants Agricoles" displays information for the "NERICA L-56" variety, including its potential yield (5000 kg/ha), culture (Riz), and location (Malanville, Benin).

FeRSeWAM

- The Fertilizer and Seed Recommendations for West Africa Map (FeSeRWAM) is an interactive, digital, online and georeferenced web-based platform launched in 2020
- FeSeRWAM presents critical information on the best-bet varieties of the 24 principal crops of West Africa, optimal fertilizer recommendations, and GAPs by AEZ
- Developed through a participatory and inclusive approach, from data collection in ECOWAS



FeRSEWAM

- FeSeRWAM aims to:
 - Increase farmers' yields by providing key technical agricultural information to better grow crops for maximum yields.
 - Provide a platform to support decision-making, farmer backstopping, and training by agro-dealers and agricultural extensionists, who are the closest partners of the farmers
- The data will soon encompass all 15 ECOWAS countries, plus Chad and Mauritania
- It is the fruit of collaboration between IFDC and CORAF



Technologies for African Agricultural Transformation

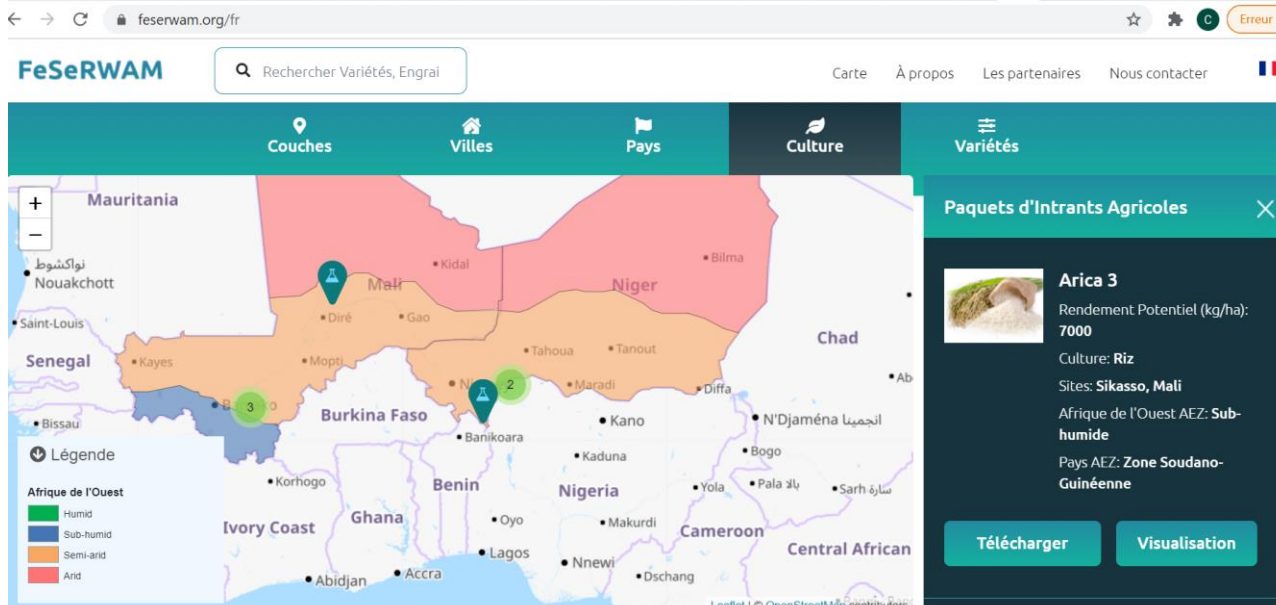


FeSeRWAM est une plateforme d'aide à la prise de décision, de soutien aux agriculteurs et de formation par les agrodealers et les vulgarisateurs agricoles.

#FeSeRWAM #AgriInputs
#CORAF_PAISED
@CORAFNews @IFDCnews
@FtF_EnGRAIS @USAIDWestAfrica



FeSeRWAM



feferwam.org/fr

FeSeRWAM

Rechercher Variétés, Engrais

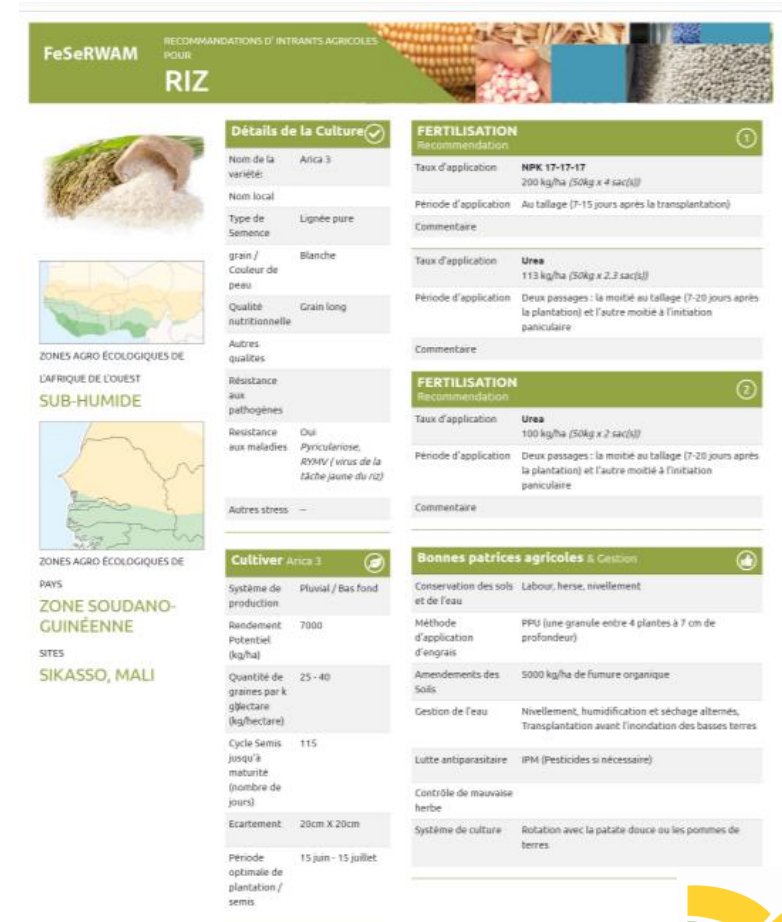
Carte À propos Les partenaires Nous contacter

Couches Villes Pays Culture Variétés

Paquets d'Intrants Agricoles

Arica 3
 Rendement Potentiel (kg/ha): 7000
 Culture: Riz
 Sites: Sikasso, Mali
 Afrique de l'Ouest AEZ: Sub-humide
 Pays AEZ: Zone Soudano-Guinéenne

Télécharger Visualisation



FeSeRWAM RECOMMANDATIONS D'INTRANTS AGRICOLES POUR RIZ

Détails de la Culture

Nom de la variété: Arica 3
 Nom local:
 Type de Semence: Lignée pure
 grain / Couleur de peau: Blanche
 Qualité nutritionnelle: Grain long
 Autres qualités:
 Résistance aux pathogènes:
 Résistance aux maladies: Oui
 Pycnospore, RMV (virus de la tache jaune du riz)
 Autres stress: --

FERTILISATION

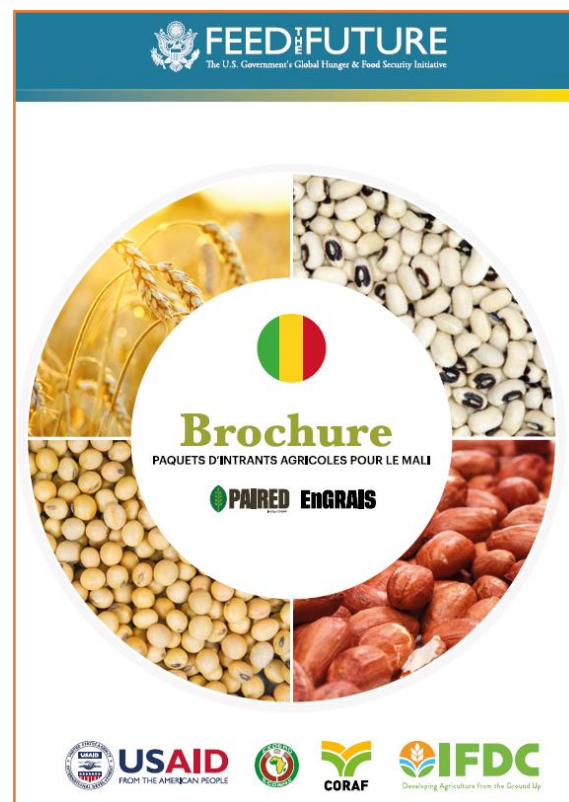
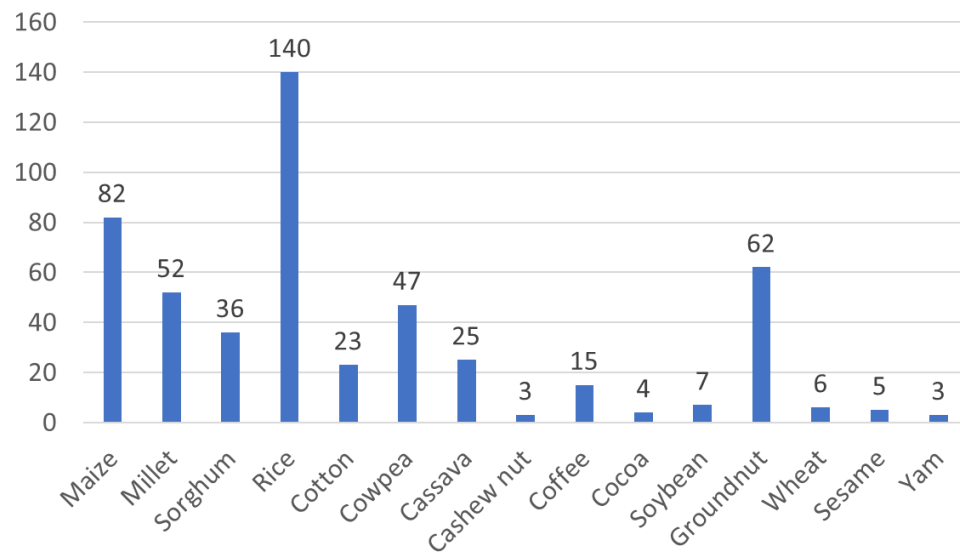
FERTILISATION
 Recommandation
 Taux d'application: **NPK 17-17-17**
 200 kg/ha (50kg x 4 sac(5))
 Période d'application: Au tallage (7-15 jours après la transplantation)
 Commentaire:
 Taux d'application: **Urea**
 113 kg/ha (50kg x 2,3 sac(5))
 Période d'application: Deux passages: la moitié au tallage (7-20 jours après la plantation) et l'autre moitié à l'initiation panículaire
 Commentaire:
FERTILISATION
 Recommandation
 Taux d'application: **Urea**
 100 kg/ha (50kg x 2 sac(5))
 Période d'application: Deux passages: la moitié au tallage (7-20 jours après la plantation) et l'autre moitié à l'initiation panículaire
 Commentaire:

Cultiver Arica 3

Système de production: Pluvial / Bas fond
 Rendement Potentiel (kg/ha): 7000
 Quantité de graines par kg hectare (kg/hectare): 25 - 40
 Cycle Semis jusqu'à maturité (nombre de jours): 115
 Ecartement: 20cm X 20cm
 Période optimale de plantation / semis: 15 juin - 15 juillet

Bonnes pratiques agricoles & Gestion

Conservation des sols et de l'eau: Labour, herse, nivellement
 Méthode d'application d'engrais: PPU (une granule entre 4 plantes à 7 cm de profondeur)
 Amendements des Soils: 5000 kg/ha de fumure organique
 Gestion de l'eau: Nivellement, humidification et séchage alternés, Transplantation avant l'inondation des basses terres
 Lutte antiparasitaire: IPM (Pesticides si nécessaire)
 Contrôle de mauvaise herbe:
 Système de culture: Rotation avec la patate douce ou les pommes de terres



FeSeRWAM and agri-input packages

FeSeRWAM and AIP Challenges

- Updating of Information
- Ownership by target actors (farmers, private sectors and policy makers)
- Access to improve varieties
- Scaling up and large-scale utilization of AIPs





Technologies for African
Agricultural Transformation

MITA

The MITA was developed with the financial support of the World Bank under the WAAPP

MITA contribute to the achievement of CORAF objective to foster adoption of quality T&Is, access to markets and free trade

MITA is a web-mobile application for information on improved agricultural innovations and technologies

The vision of MITA is to increase the use and adoption of the best agricultural technologies and innovations to transform African agriculture.

MITA is a dynamic and user-friendly platform

MITA

- The MITA Vision is to increase the use and adoption of the best agricultural technologies and innovations to transform African agriculture.
- MITA is the result of fruitful collaboration between CORAF and NARS
- MITA is a large game of technology: Seed, production, IPM, post harvest management, conservation, farm machinery



VARIÉTÉS DE SORGHO...

Production améliorée de sorgho riche en nutrition



EXTRACTEUR DES GRAINES...

Opération de traitement de céréales à l'aide d'un extracteur de graines



SÉCHOIR TUNNEL

Conservation améliorée et durable des produits dérivés de la mangue



FARINE DE BANANE...

Préparation de plats locaux avec la farine de banane plantain



VARIÉTÉ DE BANANE...

Augmentation de la production grâce à un taux de croissance élevé

MITA Technologies available per country



SE CONNECTER EN  

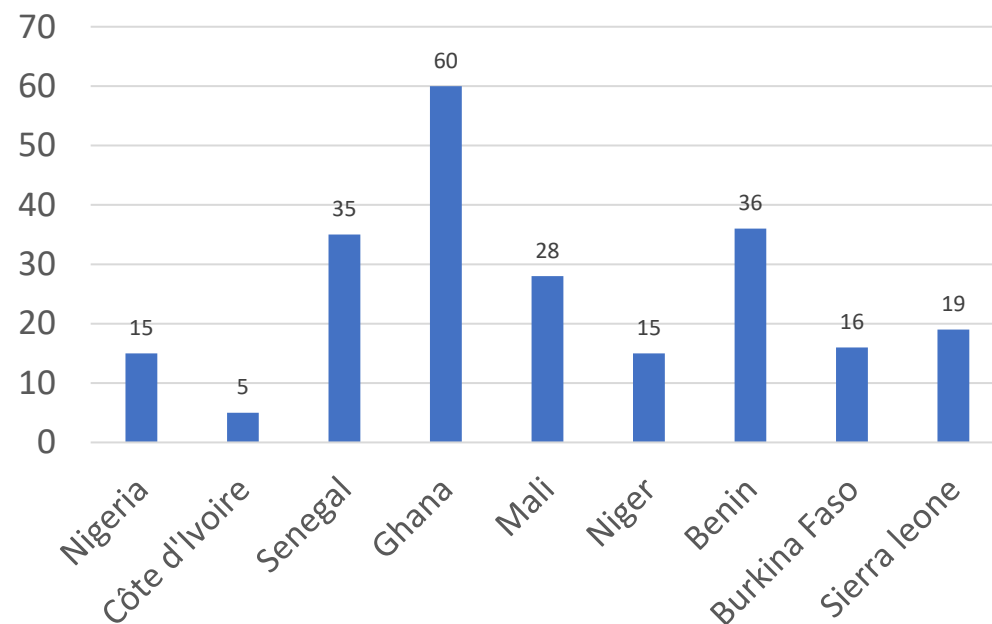
[A Propos](#) [Technologies](#) [Ressources](#) [Glossaire](#) [Évènements](#)

Rechercher



Bienvenue sur MITA

Votre application d'informations sur les technologies agricoles améliorées.



Challenges

- Updating of Information
 - *Quality of information (cost and, economic profitability)*
- Ownership by target actors
- Linking of different actors
- Domestication of technologies
- Scaling up and large-scale production





Conclusion

- The development of agriculture nowadays requires the optimization of the use of digital tools and web applications
- A better appropriation of MITA and FeSeRWAM would help to improve access to quality information on available T&Is in West and Central Africa



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Thank

you

