Country Level Updates-Niger

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Technologies that have benefitted from USAID/SMIL support that are now at Phase 3 and 4 being scaled/commercialized
SAWAGEN SORGHUM BREEDING PROJECT

Development of Striga and Drought Tolerant High Yielding Sorghum Lines

Mota Maradi x SRN39

Striga resistant lines

1. Str-40
2. Str-4
3. Str-35
4. Str-3
5. Str-6
6. Str-20
7. Str-8
8. Str-30
9. Str-44
10. Str-34
11. Str-41
12. Str-37
13. Str-23
14. Str-38
15. Str-25
16. Str-32
17. Str-36
18. Str-5
19. Str17
Mota Maradi x SRN39

Striga resistant lines

- Seed Homologation under Way
- Field/Demonstration testing with FUMA GASKIA and related farmers groups,
- Scaling in collaboration with local Seed Companies,
- Partnership/Synergy with ABEE Project to accelerate scaling

<table>
<thead>
<tr>
<th>Phase1 Under Research</th>
<th>Phase2 Under Field Testing</th>
<th>Phase3 Made Available for Uptake</th>
<th>Phase4 Demonstrated Uptake</th>
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<tr>
<td>Lgs1 Markers for striga resistance</td>
<td>Mota Maradi x SRN39 (Striga resistance)</td>
<td>Striga resistance</td>
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<td>Stay green markers for drought tolerance</td>
<td>MDK x SRN39 (Striga resistance)</td>
<td>Drought tolerance</td>
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<td>MDK x L153-5 (Drought tolerance)</td>
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Project: Sorghum Trait Deployment Pipeline for Improved Food and Feed value
- Field/Demonstration tests will be conducted this year in collaboration with local Farmers organizations (Fuma Gaskia & Mooriben network)
- Seed Homologation under Way,
- Early in collaboration with local Seed Companies, including Alheri Seed,
- Partnerships/Synergies with CSAT and REDSAAC Projects to accelerate scaling

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<td>Sepon-82 bmr6</td>
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OPVs: Chakti, Mil de Siaka varieties (homologates)

Seed Homologation under Way for Hybrid (SOSAT-C88X ExBorno) and OPV SOSAT-C88x Iciritabi) Mamaki (F8xM1) Tiouma x Souna3: ready for farmer fields evaluation 2022

Field/Demonstration testing being conducted in collaboration with FUMA GASKIA and Mooriben farmers groups,

Scaling in in collaboration with FESA Amate and HAMA Privates Seed Companies,

Partnerships/Synergies with ICRISAT and ABEE Project to accelerate scaling

Two films: Seeds production training and report on Rainy season 21 activities
SEED BALL PROJECT

- Field/Demonstration tests being conducted in collaboration with local Farmers organizations (Fuma Gaskia & Mooriben)
- Partnerships/Synergies with Projects including Mcknight, to accelerate scaling
Products Formulated and Ready for Use by Urban Processors/Entrepreneurs

- Instant Millet *Fura*
- Instant Millet *Couscous*
- Instant Millet *Tuwo*
- Millet *Juice*
- Co-Extruded Millet-Peanut (Lackiri)
- Co-Extruded Millet fortified flour
- Co-Extruded Sorghum-fortified flour
- Roasted Sorghum-fortified flour
Branded Sorghum and Millet Foods Sold in Urban Markets by ENTREPRISE DE TRANSFORMATION DES CEREALES (ETC)-NIGER through Women Entrepreneur (Mme Liman Aminatou, Director of ETC, Incubated Through INRAN FOOD Innovation Hub)
Branded Sorghum and Millet Foods Sold in Urban Markets by other youth and women processors incubated and backstopped at INRAN F. IHUB
Branded Sorghum and Millet Foods Sold in Rural Markets by Women groups at F. I Centers
Diffusion out to remote villages

And replication in other rural areas and agroecological locations/countries.....

Several children being saved from malnutrition using the locally formulated nutrient-fortified made at F. Innovation Centers

Thank you

Organic Sustainability of Food Innovation Centers being ensured through local consumer markets of Nutritious Foods, and Facilitating and Reinforcing Resilience and Agroecological Transition

centers self-train other women from surrounding villages
Strategic Needs and potential opportunities for the long term support of Sorghum and Millet Value Chains
Explore way to accelerate Technology Scaling up by reinforcing partnership with:

- Government support (through 3N),
- Seed Sector (improved varieties),
- Investment Banks,
- Processors/Producers Agribusiness opportunities
- the new USAID Mission,
- MCC Program in Niger,
- NGO’s and Development Project,
- Farmer cooperative engagement, private sector partnerships
Objectives:

- gain advice,
- develop specific planning for the multi-location trials,
- submit official Standard documentation,
- official registration of improved sorghum and millet seed in Niger,
- enter into the national seed catalog
Seed Registration Meeting with MoA Committee held early March, 2022
Technology Showcasing and Exhibition at the 3rd INTERNATIONAL FESTIVAL of MILLET, FEBRUARY 28th-MARS 1st, 2022
High Level Panel Discussion

Panel 1: "Improving Millet Production in the Sahel in the Context of Climate Change"

Panel 2: "Expanding Market Access for Millet Based Foods"
Multi Actors(Mooribeen, Fuma Gaskiya, INRAN, ICRISAT, University of Maradi, SMIL, Mcknight, ABEE, PAIE, CIRAD, Partnership/Synergy Workshops
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