



SEED ACTION PLAN

Republic of Togo

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Workshop on Planning, Implementation and Monitoring of NRDS for Sub-Sahara African Countries



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1. Seed production organization (current situation)

Togo, seed production is provided at the central level by a technical Directorate, which has two divisions. Branch seeds work with researchers at the Togolese Institute for Agronomic Research (ITRA) for the production of foundation and registered seed. At regional level, we have antennas (of Seed Directorate) located in each Regional Directorate of Agriculture, Livestock and Fisheries. These antennas are responsible for control and monitoring certified seed fields from sowing to harvest in collaboration with extension agents.

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1. Seed production organization (current situation)

- Testing stations exist for breeding, foundation and registered seed in three agro-ecological areas;
- 21 varieties including 10 for semi-arid, seven for low-lying, and 4 for irrigated areas have been selected by farmers in participatory assessments;
- The certified seeds are provided by cooperatives and individual producers



2. Problems

- 1 - Lack of qualified human resources (researchers, technicians and extension workers) to facilitate the production and use of seed; for research, only seven researchers (5 agronomists and 2 doctors); among them, only two working full time on rice
- 2-Lack of irrigation infrastructure at the Agricultural Research Center.

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2. Problems (ct'd)

- 3- Poor equipment in laboratories and efficient cold chain for seed conservation, etc.);
- 4- Low seed exchange (about 5% of areas are improved good seeds);
- 5- Seed requirements are not clearly expressed by producers, so estimation of registered seed is difficult;
- 6- Low government budget for services Research



2. Problems

- 7 – Selling agencies are often unknown and located far from rice farmers,
- 8- Absence of effective coordination between the different stakeholder in rice sector,
- 9-Grain rot of rice caused by *Sarocladium oryzae*, as a major rice diseases in Togo,

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3. Actions to solve problems

- 1-Recruitment of additional staff: 15 researchers (PhD or Masters) including 7 full-time and 8 part-time; 8 technicians with 4 full time and 4 part time, and 92 extension officers, including 52 full time and 40 part-time
- 2- Research funding to strengthen the capacity of registered and foundation seed in research centers;
- 3 – Equipment of laboratories hardware and installation of cold chain for seed storage;

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3. Actions to solve problems

- 4-Continuation of selecting best varieties on site with producers in a participatory assessment;
- 5-Research on improved farming practices, may encourage more producers to attract them on rice crop, through installation of Farmers Field School (FFS).
- 6-Ensure conservation and use of genetic resources ;



3- Actions to solve problems

- 7-Establishment of an effective system of seed distribution by:
 - Creation of rice data base
 - Organization of seed distribution system through a better rice producers organization
 - Establish Contract for seed production and distribution between Research Institute, certified seed producers and farmers);



3. Actions to solve problems

8-Continuation of research activities to further improve varieties and reduce the effects of the disease rots grain rice;

9-Plan seed production of rice in connection with the needs of producers

Variety	Planting area (ha)	Seed needed (T)	Seed exchange target (%)	2013	2014



Thanks for your attention

