

ACTION PLAN – RICE SEED PRODUCTION

***“WORKSHOP ON PLANNING, IMPLEMENTATION & MONITORING
of NRDS for SUB-SAHARA AFRICAN COUNTRIES”***

AT

TSUKUBA INTERNATIONAL TRAINING CENTRE – JAPAN

21ST SEPTEMBER 2012

BY

Nortey John Okang – Deputy Director

Statistics, Research and Information Directorate

(Ministry of Food and Agriculture)

Accra, Ghana

Contents

1. Constitution of National Seed Council
2. Duties of the Council
 - Seed Production
 - New Variety Approval
 - Monitoring
- Others
3. Problems and Action

Re-Constitution of National Seed Council

1. MOFA (Extension Directorate & PPRS, GGLDB)
2. Research Institution - CSIR (SARI, CRI, FRI)
3. Universities (1)
4. Ghana Rice Inter-Professional Body (1)
5. Rice Farmer Based Organisation (1)
6. Seed Producers Association of Ghana (1)
7. Ghana Irrigation Development Authority (1)
8. Ministry of Land & National Resources (1)

Duties of Seed Council – Seed Production

1. **Breeder Seed Production**
 - ✓ Collection, Characterization and Evaluation of rice germplasm
 - ✓ Release of Suitable and Acceptable Varieties
 - ✓ Production of breeder seeds
 - Responsible Institution - CSIR

2. Foundation Seed Production – GGLDB(Currently),
but must be taken over by the Research Institutions

3. Certified Seed Production

- Registration of recognized seed growers - GSID of PPRSD
- Field visits and certification - GSID of PPRSD
- Production of certified seed - SEEDPAG/Seed Growers
- Sale and Distribution of certified seed – Input Dealers

Annual Plan for Certified Seed Production

New Variety Approval

➤ Varieties Requested:

Ecology	Variety
Irrigated	GR18, Gbewaa, Nabogo, Sikamu, Sakai, Amankwatia, Wakatsuki
Rainfed (Lowland)	FARO15, GR18, GR19, GR21, Gbewaa, Nabogo, Katanga, Sikamu, Sakai, Amankwatia, Wakatsuki
Upland	NERICA1, NERICA 2, Otoomu, Emutiaa.

Nomenclature

- Gbewaa – SAR-RICE 2 (JASMINE 85)
- Nabogo – SAR-RICE 3 (TOX3333)
- Katanga – SAR-RICE 4 (TOX 3972)
- Sakai – ITA 324
- Amankwatia – Marshall
- Wakatsuki – Bouake 189
- Otoomu – TOX 3377
- Emutia – IDSA 85

Problems and Action - FUND

PROBLEMS:

- i. In adequate budgetary support.
- ii. Not much support from financial Institutions

ACTIONS:

- i. Special fund for Rice Production
- ii. Subsidy
- iii. Agric Dev. Bank - % of Loans for Rice

Problems and Action Cont' - STAFF

PROBLEMS:

- i. Few Breeders and Multipliers
- ii. Unified Extension System
- iii. No in-depth knowledge
- iv. Employment Freeze – Extension

Problems and Action Cont' - STAFF

ACTIONS:

- i. Training of all stakeholders in the industry in seed production, storage and promotion
breeders (MPhil, PhD),
seed technologists - MPhil,
Research technicians,
Regional Seed Grower Associations,

Problems and Action Cont' - STAFF

ACTIONS:

- Extension/Development staff,
Staff – GSID, GGLDB
Input dealers
- ii. Specialization
- iii. Agric. Institutions Curriculum reviewed
- iv. Compulsory training for all Actors
- v. Contractual employment encourage

Problems and Actions – Shortage of Facilities

PROBLEMS:

- i. Maintenance of existing cold storage facilities
- ii. Fewer cold storage facilities
- iii. Land tenure system
- iv. Maintenance of existing irrigation sites
- v. Lack of irrigated fields

Problems and Actions – Shortage of Facilities

ACTIONS:

- i. Establish an efficient seed storage system across the rice growing regions and district
- ii. Rehabilitate and upgrade 6 existing seed storage facilities
- iii. Construct 3 new rice seed processing and storage facilities

Problems and Actions – Shortage of Facilities

ACTIONS:

- iv. Government to acquire Land banks in ecologies
- v. GIDA to maintain existing irrigation sites
- vi. More irrigated fields constructed
- vii. Facilitate loans for Private Sector
- viii. Provision of Drying and Cleaning Facilities

Problems and Actions – Promotion

PROBLEMS:

- i. Lack of knowledge of existence of the National Fertilizer and Seed Law
- ii. Lack of knowledge of comparative advantage
- iii. Relationship between seed producers, input dealers and farmers

Problems and Actions – Promotion

ACTIONS:

- i. Factsheets:
 - Seed Law
 - Released varieties

Problems and Actions – Promotion

ACTIONS:

- ii. Facilitate Linkage among rice certified seed producers and input dealers in rice growing areas
- iii. Link rice FBO's to input dealers to access rice seed
- iv. Use of various extension tools (FFS, Farmers fora, TV and radio talk shows, ICT, advertisements) and subsidy to promote the use of improved seed

THANK YOU
MERCI
ARIGATO GOZAIMASU