



Action Plan: Seed production system in Mozambique

By
Anina Trefina Manganhele

Workshop on Planning, Implementing and
Monitoring Rice Program in Sub-Saharan
African Countries

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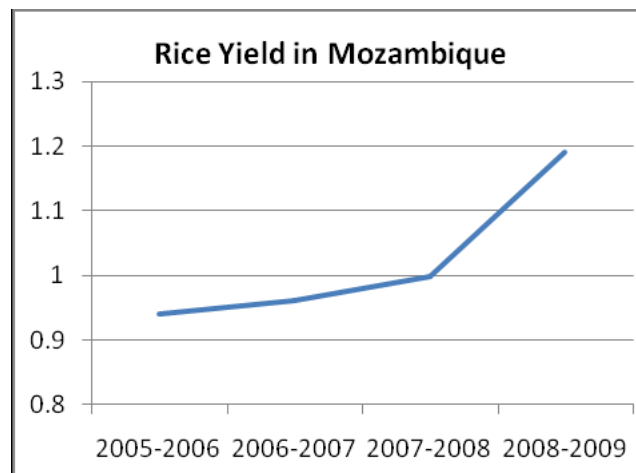
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Mozambique

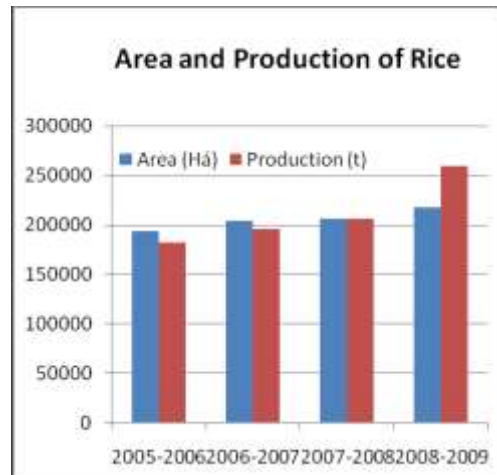
1. Background

- Rice is grown in about 200,000 Ha, mostly in lowland rain fed ecosystem.
- Very low level of productivity – 1.0 t/Ha
- Annual consumption demands 550,000 t,
- Imports about 350,000 t of rice
- Seed production for grain crops: 6 M t/year of
 - 50% for maize, 32% for rice, & 18% other

1.1 Current Productivity levels of rice in Mozambique:



1.1 Trends in rice cultivation (Ha) & production (t):



3. Seed Board & Activities

- 1) Creation of new improved varieties
- 2) New variety approval
- 3) Pre-basic seed production
- 4) Seed multiplication
- 5) Extension & dissemination of technologies
- 6) Certified seed
- 7) Seed quality control & certification
- 9) Seed distribution & marketing

3. Seed Board & Activities

- **1) Seed production**
- Breeder Pre-basic seed: **IIAM & University**
- Foudation seed: **Pre-basic Seed Unity**
- Registered seed: **IIAM**
- Quality assurance inspection & coordination with other actors chain seed: **DNSA**

3. Seed Board & Activities

- Control of guaranteed seed quality: **DPA´s**
- Import / export, seed production, processing & storage & distribution & marketing : **Private sector**
- Production of certified and guaranteed seed: **Local seed multipliers**
- Production of certified seed: **Extension office with farmers**, associations & cooperatives
- Seed commercialization – **Retailers**

2. Seed board activity

- **2) New varietal approval** - Varieties requested
- New variety to be released in 2012-2013
- Seed purification & multiplication of varieties
 - Purified –Limpopo, IR 64
 - Selected & multiplied
 - IR 80482-64-3-3-3 (Makassane),
 - IR 77080-B-34-3
 - Produced 17 tons breeder & foundation seeds

Problems

- 1. Weak research for Pre- basic seed production
- 3. Lack of ability of Unity of Basic Seed
- 4. Limited Extension & Technology Transference
- 5. Limited commercial production & processing of seed
- 6. Poor distribution network & seed marketing
- 7. Poor quality seed control & certification

Action plan

Goal: to improve access and availability of improved seed for farmers & development of agro-industries

Specific objectives

- To improve national production of improved & quality seed;
- To improve & expand seed distribution network (District level;

Action plan

Specific objectives

- To increase ability of processing & seed conservation;
- To enhance the production capacity of the SME seed companies;
- To guarantee the seed quality control system;

Action/Intervention Element Matrice

	Policy / Institutional	Infrastructures	Human Resource capacity	Provision/ support	Information /Knowledge
Seed	- Seed policy	Breeding facilities	Research Staff (breeders)	Free distribution/ Subsidies (Public Sector)	Reserach results on breeding
	- Seed law / standard	Multiplication facilities	Community		New varieties released & adopted
	- Seed multiplication / delivery mechanisms	Distribution Facilities	Technicians (Multiplication)		
			Distributor (DNSA)		

Action/Intervention Element Matrice

	Policy / Institutional	Infrastructures	Human Resource capacity	Provision/ support	Information /Knowledge
Seed	Improvement access & use of improved varieties of seeds	Strengthening Seed Distribution Network	Training for Farmers on proper use/ multiplication of seeds	certified seeds: + 2mt more produced & distributed	Awareness on availability of improved varieties of seeds
	Expanding Seed Multiplication		CB of researcher	Supporting on-farm seed production	
	Strengthening National Seed Service (SNS)	Distribution Facilities	Technicians (Multiplication)		
	Strengthening	CB of	Distributor		

- Thank You!



- Kanimambu!

