



Africa RISING going to scale in the Eastern Province of Zambia Project: Overview of activities and expected outcomes

Mateete Bekunda

International Institute of Tropical Agriculture

Africa RISING going to scale in the Eastern Province of Zambia Project

Review and End-of-Project Meeting

Lusaka, Zambia, 7 – 8 September 2017





Strategic Objective/ Results Framework

Strategic Objective: Innovations that increase productivity of farming systems and of availability and consumption of safe and nutritious food are adopted

IR1: Legume seed delivery systems improved

- 1.1 Support for production of breeder/foundation seeds
- 1.2 Promotion of complimentary agronomic practices
- 1.3 Promotion of inoculation practices
- 1.4 Conduct of efficacy tests for inoculants
- 1.5 Support for the e-voucher FISP program as a roll out strategy for legumes to pilot districts
- 1.6 Develop a plan for roll out beyond pilot districts
- 1.7 Identify and support small seed companies for commercialisation of legume seeds
- 1.8 Build capacity of agro dealer networks for seed distribution channels
- 1.9 Facilitate seed promotional and demand creation activities
- 1.10 Facilitate links with lead off-take / processing companies to stimulate end market demand of grains
- 1.11 Improve ZARI's storage and irrigation facilities

IR2: OFSP planting material systems strengthened

- 2.1 Multiply and disseminate superior OFSP varieties
 - 2.1a Support for production of breeder/foundation seeds (vines)
 - 2.1b Recruit and train Vine multipliers and partners
 - 2.1c Support the multiplication of vines by vine multipliers
 - 2.1d Facilitate the dissemination of vines to beneficiaries through promotion sales and pass-on system
 - 2.1e Identify and support agro dealers to become linking points between multipliers and buyers of vines
 - 2.1f Build capacity of agro dealer networks for vine distribution channels
- 2.2 Improve OFSP productivity through the demonstration of improved varieties and associated production practices
- 2.3 Develop and disseminate diet diversification and nutrition messages on vitamin A, child healthy and other critical nutritional aspects for malnutrition reduction
- 2.4 Support new variety release
- 2.5 Conduct good agronomic practices studies
- 2.6 Linking OFSP growers to road side and markets and other sweet potato related value chains

IR3: Low input maize/legume systems sustainably intensified

- 3.1 Scaling of maize/legume rotations
- 3.2 Scaling of maize/legume intercropping
- 3.3 Scaling of direct seeding methodologies
- 3.4 Scaling of judicious use of herbicides
- 3.5 Research on doubled up legume technology
- 3.6 Research on use green manure cover crops
- 3.7 Evaluation of the COMACO agroforestry scaling model and trade-off analysis
- 3.8 Improved manure handling
- 3.9 Testing of new QPM lines and MLN resistant varieties

IR4: Efficacy of Aflasafe proven and commercialization facilitated

- 4.1 Conduct national and regional trade assessment
- 4.2 Assessment of the value of the Aflasafe biocontrol product
- 4.3 Demonstration of Aflasafe efficacy
- 4.4 Development of a business plan for commercialisation of Aflasafe
- 4.5 Registration of Aflasafe products
- 4.6 Conduct of the cost-benefit analysis



Theme 1: Improving legume seed delivery systems

Activities	Outputs	FtF Indicator
1.1 Support for production of breeder, foundation and certified seeds	252 T seed	184.1 Hectares under seed
1.2 Promotion of complementary agronomic practices (fertilizers, inoculants, populations, etc)	120 demos established (10 demos x 3 districts x 4 crops)	600 Number of individuals who have received short-term agricultural sector productivity or food security training
1.3 Facilitate seed promotional and demand creation activities	15 field days conducted with at least 1500 participants	
	3 agriculture shows attended	
1.4 Develop a plan for roll out beyond pilot districts	1 Plan document 3 meetings conducted	
1.5 Support to small seed companies for commercialisation of legume seeds	4 MoUs with selected seed companies finalized	4 Number of public-private partnerships formed as a result of FTF assistance
	8.145T foundation seed supplied.	4 Number of private enterprises (for profit), that applied new technologies or management practices
	2 monitoring visits made per company	
1.6 Build capacity of agro dealer networks for seed distribution		30 Number of MSMEs, including farmers, receiving business development services



Theme 2: Strengthening OFSP planting material systems

Activities	Outputs	FtF Indicator
2.1 OFSP planting materials systems strengthened	63,000 Number of vine cuttings produced in the screen house and early generation multipliers	
		350 Vine multipliers recruited and trained
	7200 Vine bundles produced for dissemination to beneficiaries	6,500 Number of beneficiaries of vine bundles
		20 Number of agro dealers linked and in vine selling
2.2 Improved OFSP Productivity		71 Number of MBTs demos, each mother having 50 babies
		3 Number of OFSP technologies tested for validation
2.3 OFSP Knowledge dissemination on nutritional benefits, diet diversification and child nutrition and health	36 Number of radio adverts broadcast per year	8 Number of nutritional demos per district
	2000 Number of flyers distributed	
2.4 Variety development		5 Number of genotypes under evaluation
2.5 Strengthening marketing of roots		7 Number of enterprises of OFSP linkages



Theme 3: Sustainable intensification of low input maize/legume systems

Activities	FtF Indicator
3.1 Scaling of successful SI technologies	1,700 Number of farmers and others who have applied new technologies or management practices as a result of USG assistance (maize/legume intensification)
	1,400 As above (labour reduction - seeding)
	2,200 As above (labour reduction – weeding)
	200 As above (reduced use of fertiliser)
	50 As above (DTMASS)
	200 As above (improved cowpea)
3.2 Evaluating low-input agriculture systems	8 number of new technologies or management practices applied by farmers (increase land equivalence level)
	16 As above (green manure species)
	9 As above (Nitrogen Use Efficiency)
	12 As above (QPM & MLN resistant lines)
	8 As above (PP intercropping)
	3 As above (Gliricidia intercropping)
3.3 Socio-economic and biophysical surveys on low-input agriculture systems	1 Number of new technologies or management practices applied by farmers (scaling method)
	108 Number of farmers and others who have applied new technologies or management practices as a result of USG assistance (agroforestry)
	1 Number of new technologies or management practices applied by farmers (adoption of SI)



Theme 4: Commercializing Aflasafe as a biocontrol for aflatoxins

Activities	Outputs	FtF Indicator
4.1 Demonstration of Aflasafe product value		50 Farmers and the private sector adopt aflasafe technology
4.2 Demonstration of aflasafe efficacy		120 Number of successful trials demonstrating product efficacy
4.3 Development of a businessplan for commercialisation of aflasafe	Business Plan	
4.4 Registration of aflasafe products	Eco-tox dossier and registration records for commercial production	
4.5 Conduct a cost-benefit analysis	VC cost benefit analysis report	



Review and End-of-Project Meeting

Objectives

- Share updates on project activities implemented and achievements since inception
- Capture/document lessons learned from project implementation
- Develop an exit strategy for project activities and partners



Thank You

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