

Matching Grants
Report to The Rotary Foundation

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The primary partner Rotary clubs/districts must submit Progress Reports every twelve months during project implementation. The Final Report is due two months after completing the project.

Project Information

Matching Grant Number 67900 Project Country Angola

Progress report Final report Reporting Period from: 18th February 2009 to 31st January 2010

Host Partner Rotary Club: The Rotary Club of Luanda District: D-9350

International Partner Rotary Club: The Rotary Club of Visalia County Ctr. District: D-5230

Project Narrative

1. **Briefly describe the project.**
a. **What were your original objectives?**

The overall project goal is to increase the agricultural productivity of 10,000 smallholder farmers by improved access to production technology for irrigated, high value agricultural crops in the war-affected province of Huambo.

The specific objectives are to:

- 1) Establish 50 community seed banks of improved varieties of potato in communities with potential for the expansion of gravity fed irrigation schemes and year round crop production.
- 2) Enhance the ability of farmer organizations to manage gravity fed water systems, improve potato seed production and storage and improve crop production technologies.

- b. **What was actually accomplished? (Photographs can help to tell your story. Please submit any action photos that you have that show beneficiary participation and demonstrate Rotarian involvement in the project. Please also indicate the name of the photographer.)**

Expected Result 1: Establish community seed banks of improved varieties of potato in communities with potential for the expansion of gravity fed irrigation schemes and year round crop production

The achievements for Result 1 are described under each planned activity below. Overall, during the last 12 months of implementation the project has accomplished over 66% of targeted outputs.

Within the first months of implementation, the team focused on the procurement process and purchase of the necessary project inputs. Table 1 represents all agricultural inputs purchased for the achievement of expected Result 1.

Table 1: Summary of the Purchase of Agricultural Inputs

Agricultural Input	Contracted Supplier	Metric Tons	US\$ Cost per Metric Ton	US\$ Total Cost
Certified potato seed of improved crop varieties: Romano and Fontane	Club of Potato Seed Multipliers of Ekunha	124.40	1,250.00	155,500.00
Fertilizer N12-P24-K12	Fertiangola	61.00	1,426.70	87,028.70
Total				242,528.70

So far, 665 smallholder farming families have directly benefited from project activities in the first cycle of distribution with seeds of improved varieties. The established seed banks Huambo and Bie province were distributed within 33 villages (See Table # 2) and another 13 second generation seed banks emerged benefiting a total of 400 families.

Activity 1.1: Purchase of Potato Seed of Improved Crop Varieties

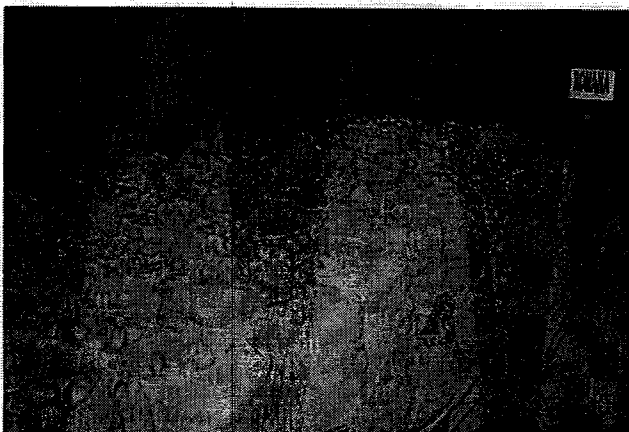
Progress: 100% of potato seeds from improved varieties have been purchased.

Quality basic seed of officially certified improved crop varieties of potato is of very limited availability in Angola. The improved variety of potato *Romano and Fontane* have been purchased from a local Specialist Seed Multipliers (supported by World Vision) from imported seed and certified by SENSE seed certification services of the Ministry of Agriculture and Rural Development.

The Huambo potato seed multipliers "*Club de Multiplicadores de Semente de Batata da Ekunha*" is the only national producer of certified seed of improved varieties of potato. The local purchase of quality potato seed reduces the risks associated with transportation and importation and stimulates the local economy.

The *Romano and Fontane* variety have proven acceptance by urban consumers of potatoes and are preferred by smallholder producers for this reason and due to their improved yield potential. Based on the results of field trials and best farming practice the rate of potato planting is 2 tons per hectare.

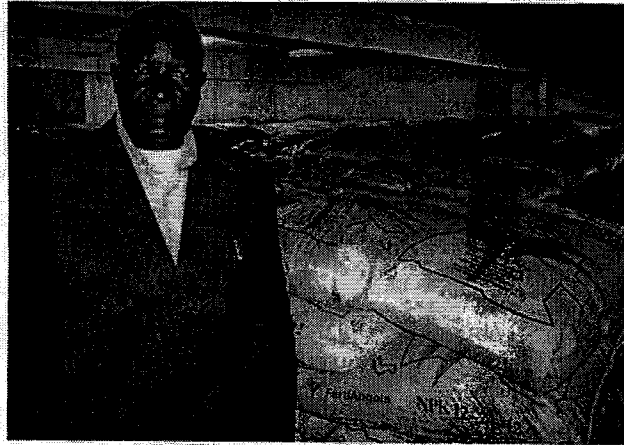
In early 2009, a total of 124.4 tons of potato seeds from the *Romano and Fontane* varieties were locally purchased from the seed multipliers club established in Huambo province.



Activity 1.2: Purchase of Fertilizers

Progress: 100% of the fertilizer has been purchased.

Smallholder potato producers are accustomed to the use of compound fertilizer with the composition of N12%:P24%:K12%. This fertilizer is used at the rate of 1 ton per hectare. This rate of use for potato seed production is supported by farmer best practice and the results of field trials and soil analysis.



At project start up, a total of 61 tons of fertilizer 12:24:12 were purchased in accordance with the procurement criteria. The fertilizer was stored in a warehouse at Caála and was drawn down and distributed to the community seed banks at the same time as the distribution of the potato seed of improved varieties.

Activity 1.3: Distribution of Potato Seed of Improved Crop Varieties and Fertilizer

Progress: 66% of potato seed from improved variety and fertilizer has been distributed.

The aim of the project is to establish a total of 50 seed banks and during the first year of implementation 66 percent of this target has already been achieved with a total of 33 of the 50 planned community seed banks established (see Table # 2). The remaining 17 banks will be established before the end of the project.



Table 2: Established Seed Banks

Province	Municipality	Location	# Established Seed Banks	
Huambo	Huambo	Dango/sede	3	
		Sede	1	
	Caala	Galenga	1	
		Kuima	3	
	Ekunha	Sede	4	
	Longonjo	Sede	4	
		Lapi	2	
	Bailundo	Sede	4	
		Luvemba	0	
	Katchungo	Sede	0	
		Sede	1	
	Londumbali	Alfo Hama	1	
		Ussogue	1	
	Cabeceira	Chinguar	Sede	1
			Cutato	7
Total			33	