

(JANUARY- JULY 2010)

Project Name:	MTF/MOZ/098/STDF 230 – Establishment of Pest Free Areas regarding CLYD in Mozambique.		
Executing Agency:	FAO-MOZ	Project supervisor:	IPPC
PROJECT DESCRIPTION:	To build phytosanitary capacity in Mozambique to implement ISPMs #4, #6, # 8 and #9 in their application to management of Lethal Yellowing Disease on palms, to increase market access for coconuts from Mozambique and to increase food security and income generation by contributing to a viable coconut industry		
Project Start Date:	01 July 2009	Project End Date:	31 July 2011

**Budget overview:**

	STDF contribution	In-kind contribution (US \$)	Total (US \$)	% of Total project cost
Projected Total Project Budget (US \$)	346528	39000	385528	100%
Total expenditure to date (US \$)	81,096.00			22.18%
Expenditure for reporting period (US \$)	81,096.00			22.18%
Unspent funds (US \$)	284,615.00			77.83%

**GENERAL REPORTING**

**A. BROAD PROGRESS ACHIEVED TO DATE:**

Project initiated September 27, 2009. Inception mission conducted from 27 Sept – 3 Oct.

A follow-up mission was done from Nov 16-27, 2009.

Meetings and discussions held with key implementation partners (Eduardo Mondlane University, Ministry of Agriculture – planning, Plant protection department, Millennium Challenge Corporation and FAO). Possible synergies with the MCC programme were discussed. Issue of flexibility with the project was discussed in relation to the possibility that Lethal Yellowing disease is detected south of the Zambezia river. An implementation plan was developed and approved. Transects for surveillance were identified.

Training of pest surveillance team in pest surveillance and related ISPMs has been completed. Awareness materials have been produced and released. Launch of the program happened in June 2010. Substantive advances happened in terms of identifying collaborators for analytical tasks and performing necessary arrangements with them and in hiring a company to perform the aerial survey.

**B. BROAD WORK ACHIEVED THIS PERIOD:**

- Launching of aerial survey and awareness meeting in Inhambane – June 30<sup>th</sup>
- Vector and soil nutrition studies - establishment of sampling sites and soil, vector and plant sampling
- Visit of consultants to Zambezia province to work with research assistant and collect samples regarding soil nutrition and vector studies – 4<sup>th</sup> to 7<sup>th</sup> July 2010
- GIS training of project and DSV staff - 9<sup>th</sup> to 20<sup>th</sup> July 2010
- Elaboration of a poster and a leaflet to be used during surveys for awareness purposes
- Review and edition of Manual on CLY, survey record data sheet and symptoms evaluation guidelines (for CLY and *Oryctes*)
- Identification of collaborators for sample analyses and verification and signature of Letter of Agreements with Eduardo Mondlane University Biotech Center
- Preparation of ground survey plan for Inhambane.
- Procurement of equipment and signature of contracts with service providers.

**C. BROAD WORK REMAINING FOR NEXT PERIOD AND BEYOND:**

- Procure and set up screen house for vector infectivity tests in a specified province.
- Systematic implementation of the survey plan, samples collection, identification and verification of CLYD.
- Completion of lab analysis on plant and soil samples and on insects.
- Analysis of results and identification of production areas for application of phytosanitary measures to establish and or maintain pest freedom.
- Identification of phytosanitary measures to be applied for establishment and or maintenance of pest free areas.
- Preparation of technical report/data on disease occurrence, host plants affected, vectors found/tested for infectivity.

- Evaluation and Reporting: discussion of results with SA.
- Project conclusion and evaluation.

Other Comments:

### Deliverable / Targets Table (Log-frame)

Item ID	Item Description	Target Finish Date (As in project document)	Actual or Forecast Finish Date	Status: (% Complete)	Comments
1.	1.1 Appointment of the Project Management Committee  1.2 Appointment of a pest surveillance management team  1.3 Recruitment of Consultants  1.4 Identifying stakeholders (private and public)			Complete	All consultants on board
2.	Training of pest surveillance team in pest surveillance and related ISPMs			Complete	
3.	3.1 PMC meeting to develop a realistic work plan as well as to discuss the project and define roles.  3.2 Meeting with Provincial Directorates and stakeholders to discuss logistical and technical requirements for each province.			Complete	
4.	4.1 Preparation of a survey protocol and survey strategy for CLYD.			Complete, except for 4.4 that is not planned	This activity has been complemented by the elaboration of

	<p>4.2 Preparation of a survey plan for vectors of CLYD and protocol for infectivity testing of potential vectors.</p> <p>4.3 Preparation of procedure for testing soil nutrient content.</p> <p>4.4 Discussion of protocol with South Africa NPPO to facilitate agreement on and acceptance of protocols.</p> <p>4.5 Identification and training of personnel from the various provinces to assist in conducting surveys in their provinces.</p>			for this period.	a manual, a poster and a leaflet to be used during surveys for awareness purposes
5.	<p>5.1 Identify collaborators for sample analyses and independent verification of samples (within or outside the region).</p> <p>5.2 Prepare a MoU regarding on sample preparation, timing of delivery and identification services for samples.</p>			Complete	
6.	Procurement of Equipment to support surveillance of targets			60%	Procurement of imported equipment is very delayed and no imported equipment has been purchased during this period
7.	7.1 Systematic Implementation of the survey plan,		<b>Aerial survey:</b> not completed .		

	samples collection, identification and verification of CLYD.		It is planned for 9-17 <sup>th</sup> August (5 month delay from planed dates (March 2010), due to delays in contract procedures with service provider.  <b>Baseline and systematic ground survey:</b> Plan for survey ready; survey in Inhambane province delayed due to delay in aerial survey. Planned for 13 September to 4 October.		
	7.2 Systematic implementation of survey plan for vectors.	Vector identification studies			Initiated in May 2010. 4 sites and 26 traps established; weekly sampling is being carried on by research assistant  Consultant visited sampling sites from 4 – 7 July 2010.
		Vector identification training	Not completed; planned for October 2010		Difficulties in identifying and hiring the consultant
8.	Procure and set up screen house for vector infectivity tests in a specified province.		Not determined		Delayed due to procurement problems and to the delay in implementing the vector identification course.
9.	Preparation of		Data are still		Delayed due to

	Technical report/data on disease occurrence, host plants affected, vectors found/tested for infectivity.		not available to perform this activity		delays in aerial and ground survey
10.	Analysis of results and identification of production areas for application of phytosanitary measures to establish and or maintain pest freedom.				Not planned for this period.
11.	Identification of phytosanitary measures to be applied for establishment and or maintenance of pest free areas.				Not planned for this period.
12.	Meetings of PMC and stakeholders				Not planned for this period.
13.	Evaluation and Reporting: discussion of results with SA.				Not planned for this period.
14.	Project conclusion				Not planned for this period.
15.	Project external evaluation				Not planned for this period.

**Target.** The following information is not required if a target has been met and the information has been provided in a previous project report. If a target has not been achieved or is likely to be delayed, provide:

The following project targets are delayed due to procurement problems in Target ID 6:  
Procurement of equipment to support surveillance of targets.

Target ID 7.1 Systematic implementation of the survey plan, samples collection, identification and verification of CLYD.

Target ID 7.2 Systematic implementation of survey plan for vectors.

Target ID 8 Procure and set up screen house for vector infectivity tests in a specified province.

Target ID 9 Preparation of technical report/data on disease occurrence, host plants affected, vectors found/tested for infectivity.

<b>Item ID</b>	<b>Target Delay Notes.</b> A) likely impact on the project:
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	<i>B) Reason for delay:</i> <i>C) Corrective action planned to be taken, if any</i>
7.1	A) Likely to impact on project. B) Aerial survey delayed due to procurement problems and ground survey delayed due to delay in aerial survey. C) The ground survey will be done in a more intensive way to compensate for the delay.
7.2	A) Likely to impact on project. B) Problems to identify and hire an specialist in taxonomy. C) Consultant hired and a new date established for the training activity.
8	A) Likely to impact only on a focused activity of the project. B) Impossibility to get the inputs needed and timing to produce the possible outputs. C) Reassessment of the needs and feasibility.
9	A) Likely to impact on project. B) Delays in the performance of aerial and terrestrial surveys. C) The ground survey will be done in a more intensive way to compensate for the delay

### Mid (End)-project financial statement (NOT DUE)