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**Improvement of coffee production in Africa  
by the control of coffee wilt disease  
(Tracheomyces)**

**Project progress report as at June 2005**

## **Background**

The attached document contains extracts from the progress report on “Improvement of coffee production in Africa by the control of coffee wilt disease (Tracheomyces)” and covers the period from January to June 2005. A copy of the full progress report is available to Members on request.

## **Action**

The Council is requested to note this report.

CFC Ref: CFC/ICO/13  
CABI Ref: P2977  
Project Progress Report January-June 2005  
July 2005



# Improvement of Coffee Production in Africa by the Control of Coffee Wilt Disease (Tracheomyces)

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## Project Progress Report (January – June 2005)

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## PROGRESS REPORT

### I. Project Summary

**Title:** Improvement of coffee production in Africa by the control of coffee wilt disease (Tracheomyces)

**Number:** CFC/ICO/13

**Project Executing Agency:** CAB *International* - Africa Regional Centre.

**Participating Countries:** Cameroon (IRAD), Cote d'Ivoire (CNRA), Democratic Republic of Congo (ONC), Ethiopia (EARO), Rwanda (ISAR), Tanzania (TACRI) and Uganda (CORI).

**Starting date:** 1<sup>st</sup> October 2000

**Completion date:** 31<sup>st</sup> December 2006 (including a 2.25-year no-cost extension)

#### Financing:

**Total Project Cost** US\$ 8,951,587

Of which,	
CFC Financing	US\$ 3,516,888
Co-financing	US\$ 3,212,329
Counterpart contributions	US\$ 1,085,920

### II. Period covered by this report

From: January 2005 To: June 2005

#### Periods covered by previous reports:

From:	To:
May 2001	September 2001
January 2001	December 2001
January 2002	June 2002
January 2002	December 2002
January 2003	June 2003
January 2003	December 2003
January 2004	June 2004
January 2004	December 2004

### III. Status of Project Implementation

Planned activities	Targets set	Present status	Remarks
<b>Component I: Implement a regional programme to develop improved management practices (All Five Projects)</b>			
<b>Activity 1.1</b>			
Develop a coordinated framework of activities to facilitate the programme. Projects 1 and 4.	Project activities implemented according to agreed annual workplans.	Project coordination (financial, scientific, communication, etc.) running smoothly.	Targets on-schedule
<b>Activity 1.2</b>			
Gather information on environmental, physical and agronomic parameters affecting disease severity and importance (biological surveys). Projects 1 and 4.	Biological surveys for CWD completed in all countries by end of December 2004. Continue CWD surveillance system in Rwanda. Conduct follow-up biological survey in Rwanda.	Biological surveys completed & final technical reports disseminated. CWD surveillance on-going & follow-up survey in Rwanda completed.	Target fully realised except for Cote d'Ivoire where submission of final report delayed due to political instability.
<b>Activity 1.3</b>			
Identify socio-economic and technical constraints to the improvement of coffee management and marketing (socio-economic surveys). Projects 1 and 4.	Socio-economic surveys for CWD completed in all countries where the disease occurs by December 2004.	Socio-economic surveys completed & final technical reports disseminated.	Target fully realised.
<b>Activity 2.1</b>			
Understand the disease epidemiology so that appropriate intervention practices to reduce disease impact can be devised. Projects 3 and 4.	Collect isolates & determine variability of CWD. Determine spread of CWD in Uganda. Study pathogenicity of isolates of CWD. Train staff from Ethiopia.	Project 3 completed & a final technical report disseminated. CFC-funded activities in DRC and Tanzania on-going.	Targets set by Project 3 fully realised. On-going CFC-funded activities are on-schedule.
<b>Activity 3.1</b>			
Understand the interaction between pathogen variation and disease resistance enabling durable resistance to be identified and selected. Projects 2 and 4.	Collect, preserve and establish variability among isolates of CWD. Describe life cycle of CWD. Maintain database on CWD isolates. Undertake field inoculations to validate method. Describe the spatio-temporal spread of CWD. Train scientists from National Programme.	Activities on-going in the field in Uganda, and at CIRAD, the Universities of Kinshasa, DRC and Louvain, Belgium and CABI-UKC. CFC-funded activities are on-going in Tanzania.	Revised targets on-schedule following a 15-month, no-cost extension of Project 2. CFC-funded field trials in Tanzania are on-going.
<b>Activity 4.1</b>			
Demonstrate use of aerial pictures to describe the distribution of the coffee wilt disease in Uganda. Project 5.	Define areas to be surveyed. Develop protocol for aerial survey. Undertake aerial photography. Collect ground data on wilt disease.	Project 5 completed & a final technical report disseminated.	Target fully realised.

<b>Activity 5.1</b>			
Develop and evaluate more effective management practices based on biological and socio-economic information produced. Projects 4.	Evaluate various control strategies against CWD in DRC, Ethiopia, Tanzania and Uganda.	Activity on-going and on schedule.	On-station trials established in 4 countries. Regular monitoring by extensionists and scientists.
<b>Activity 6.1</b>			
Adapt measures to suit local situations through farmer participation in on-farm trials. Project 4.	Using data from on-station trials, evaluate potential control strategies using on-farm, farmer-participatory trials in DRC, Ethiopia, Tanzania and Uganda.	Activity on-going and on schedule.	On-farm, farmer participatory trials established in 4 countries. Regular monitoring by farmers, supervised by extensionists/scientists.
<b>Component II: Develop of a compatible programme of extension, information dissemination and training for smallholder coffee producers/scientists (Project 4 only)</b>			
<b>Activity 1.1</b>			
Provide extension workers with greater understanding of the disease and management practices through appropriate training. Project 4.	Extension staff trained on different aspects of CWD and how to pass information to farmers.	Activity on-going and on schedule.	Training on-going in DRC, Ethiopia, Rwanda, Tanzania and. Uganda.
<b>Activity 1.2</b>			
Directly inform and empower farmers with a greater understanding of the disease and management practices through information, training and farmer participatory approaches. Project 4.	Farmers trained on aspects of CWD and how to pass information to other farmers.	Activity on-going and on schedule.	Training on-going in DRC, Ethiopia, Rwanda, Tanzania and. Uganda.
<b>Activity 1.3</b>			
Facilitate transfer of new technologies for disease management to smallholder farmers. Project 4.	Policy analysis and recommendations. Regional workshop to review results from Component 1. Dissemination workshop & EAFCA Conference.	Activity on-going.	More emphasis needs to be given to policy analysis in the next reporting period.
<b>Activity 1.4</b>			
Minimise impact of disease on productivity through dissemination of information on new practices. Project 4.	Increase farmer awareness through publicity (radio, TV etc.) and dissemination materials (brochures etc.).	Activity on-going.	More emphasis needs to be given to mass publicity e.g. TV and radio.

## **IV. PEA's Assessment of Project Progress & Prospects**

### **IV.1 Assessment of Technical Progress**

#### **Component I (All five projects)**

##### **Activity 1.1 – Develop a coordinated framework of activities to facilitate the programme**

In January 2005, Dr Sarah Simons, Deputy Director, CABI-ARC assumed the role of Regional Co-ordinator of the RCWP, to enable her predecessor, Dr George Oduor to dedicate more time to initiating a new CFC-funded project on 'Improving coffee quality in Eastern and Central Africa' (CFC/ICO/22). Dr Simons has been actively involved in the RCWP since its inception and effective coordination of the projects being implemented under the RCWP has been maintained in all participating countries throughout the reporting period. Regular communication has also been maintained with Mr Caleb Dengu, Project Manager, CFC and Mr Denis Seudieu, Chief Economist, ICO.

During the reporting period, project staff from the PEA made 21 project-related visits to the collaborating countries to facilitate project activities.

The Regional Co-ordinator also organised a CFC-funded 'Dissemination Workshop' for representatives of three of the CFC-funded coffee projects currently being implemented in Africa. The 'Dissemination Workshop' was held on the 2<sup>nd</sup> of March 2005 in conjunction with the Eastern African Fine Coffees Association 2<sup>nd</sup> Conference and Exhibition (3-5<sup>th</sup> March 2005) in Livingstone, Zambia. The workshop provided an excellent opportunity for national project staff from the CFC-funded coffee projects to interact and share ideas/information with other stakeholders participating in the EAFCA Conference and Exhibition, most notably the coffee millers, traders, marketers, policy makers, etc. It was considered by the participants to be an excellent step towards improving and strengthening the impact of coffee research and dissemination in Africa.

Financial audits of the PEA and the PIAs in each collaborating country for 2002 and 2003 were completed during the reporting period and with the exception of the reports for Ethiopia and Rwanda, which have yet to be received, the reports were forwarded to CFC. The 2004 audit is underway and should be finalised by September 2005.

### **IV.2 Assessment of Resource Utilisation**

Overall expenditure for the reporting period is only 52% of budget. There are a number of reasons for this expenditure shortfall. Firstly, there have been delays in the submission of financial returns to the PEA by all collaborating countries. The consequence of these delays is that the figures presented in the report do not necessarily reflect the actual expenditure for the reporting period and the financial reports cannot be verified accurately by the PEA prior to the submission of the progress report. Secondly, although the pace of conducting project activities, and therefore project expenditure, has increased in all countries, there continues to be considerable room for improvement, especially in Rwanda and Uganda, during the next reporting period.

Please refer to Annex 1 below for more details on expenditure by category.

### **IV.3 Assessment of Project Co-ordination and Management**

Overall, project co-ordination and management during the reporting period has improved as a result of frequent visits by staff from the PEA to each of the PIAs and because wherever possible meetings with the PIA were conducted with the participation of the national project co-ordinator as well as the project accountant/administrator. Joint meetings with the co-ordinator, scientists and administrators have greatly improved communication and understanding of the targets of the CWD project within each PEA. There has also been an improvement in the submission of claims by the PEAs, which in turn, speeds up the disbursement of funds, however, there is still room for further improvement, especially in Rwanda and Uganda.

Following a number of meetings between staff from the PEA - the Regional Project Co-ordinator and the Regional Project Administrator, the PIA (DRC) - the Director ONC, Professor Moyengo Makoko and the national project co-ordinator, Mr Tony Saiba Nzanzu, and the Minister for Agriculture in DRC, His Excellency, Mr Paul Musafiri Nalwango, the PEA is now optimistic that the project funds which were stolen in 2004 will be recovered from the bank following the personal intervention of the Governor of Central Bank in DRC.

### **IV.4 Social and Environmental Effects of Project Implementation**

There are no adverse social or environmental effects as a result of project implementation.

### **IV.5 Forward Planning of Project Implementation**

The two main priorities in the next reporting period will be scaling-up the 'raising awareness' and training activities. Raising awareness of CWD through the production and distribution of dissemination materials, coupled with the use of mass publicity i.e. Radio, TV and newspapers will be increased in each of the participating countries. Training of extension workers and farmers on the management of this CWD will also continue and be scaled-up to ensure that as many extensionists/farmers as possible are trained either directly or indirectly by the project.

More emphasis will also be given to policy analysis, in particular with regard to making recommendations on CWD to key policy makers in each of the participating countries to ensure the impact and sustainability of the project.

Results so far from the on-farm and on-station trials on methods of controlling CWD, continue to be monitored by farmers and/or extension workers. Data will be analysed during the next reporting period and discussed at the forthcoming RCWP Annual Planning and Review meeting (November 2005).

### **IV.6 Conclusions and Recommendations**

Project activities are, for the most part, being implemented in accordance with the Workplan & Budget (2005), however, the submission of financial returns could still be improved, especially in Rwanda and Uganda.

Annex 1 - Resource Utilization - CFC/ICO/13 - January - June 2005  
Progress Report

Claim / Payment Date	CABI claim or direct payment	Country, Supplier & PEA	Amount paid to PI, PEA or Supplier	Vehicles & Equipment	Civil Works	Materials & Supplies	Personnel	TA & Consultancy	Duty Travel	Dissemination & Training	Operational Costs	Monitoring	Unallocated
			<b>Total</b>										
Claims		PI - DRC	\$45,856.91	\$2,510.00	\$0.00	\$14,321.53	\$9,550.00	\$0.00	\$0.00	\$19,475.38	\$0.00	\$0.00	\$0.00
Claims		PI - Ethiopia	\$28,873.25	\$0.00	\$0.00	\$11,715.03	\$0.00	\$0.00	\$0.00	\$17,158.22	\$0.00	\$0.00	\$0.00
Claims		PI - Tanzania	\$12,239.66	\$0.00	\$0.00	\$6,480.56	\$0.00	\$0.00	\$0.00	\$2,938.19	\$0.00	\$2,820.91	\$0.00
Claims		PI - Uganda	\$28,724.44	\$0.00	\$0.00	\$12,882.51	\$0.00	\$0.00	\$0.00	\$15,841.93	\$0.00	\$0.00	\$0.00
Claims		PEA - UKC	\$7,449.77	\$0.00	\$0.00	\$336.16	\$6,600.00	\$0.00	\$0.00	\$0.00	\$513.61	\$0.00	\$0.00
Claims (Jan - Jun) ARC		PEA - ARC	\$53,947.94	\$0.00	\$0.00	\$2,214.14	\$23,500.00	\$0.00	\$15,220.09	\$11,705.06	\$0.00	\$1,308.65	\$0.00
Claims (Jan - Jun) ARC		PI - DRC	\$29,403.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,403.58	\$0.00	\$20,000.00	\$0.00
Claims (Jan - Jun) ARC		PI - Ethiopia	\$13,834.85	\$0.00	\$0.00	\$1,160.37	\$0.00	\$0.00	\$0.00	\$7,924.48	\$0.00	\$4,750.00	\$0.00
Claims (Jan - Jun) ARC		PI - Rwanda	\$4,337.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,337.03	\$0.00	\$0.00	\$0.00
Claims (Jan - Jun) ARC		PI - Tanzania	\$6,078.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,078.29	\$0.00	\$0.00	\$0.00
Claims (Jan - Jun) ARC		PI - Uganda	\$29,494.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,394.44	\$0.00	\$24,100.00	\$0.00
			\$0.00	\$2,510.00	\$0.00	\$49,110.30	\$39,650.00	\$0.00	\$15,220.09	\$100,256.60	\$513.61	\$52,979.56	\$0.00