

AFRICAN



UNION

Inter-African Phytosanitary Council

P.O.Box: 4170 NLONGKAK YAOUNDE, CAMEROON

Tel : 237 221 19 69

Fax : 237 221 19 67

Email: au-cpi@au-appo.org

**WORKSHOP FOR TRAINING
PHYTOSANITARY INSPECTORS AND
PLANT QUARANTINE OFFICERS in
southern AFRICA
(Harare-Zimbabwe, 24-26January 2007)**

Supervisor

*Dr KOUMBA-KOUMBA Daniel
Director of IAPSC*

Finance Study

*Mme AZEB Gebremedhin
Finance and Administration Officer
IAPSC*

Organization

*Pierre Hilaire NGAMENI
Senior Scientific Secretary
(Agronomist-Entomologist)*

CONTENTS

	<u>Pages</u>
INTRODUCTION _____	3
I - Context and justification _____	3
II - Objectives _____	4
III - Methodology _____	4
IV - Workshop program _____	5

INTRODUCTION

Within the contest of executing a formulated recommendation from the **General Assembly, Yamoussoukro, (Ivory Coast), in April 2002**, the IAPSC head office instructed the **Department of pests and pesticides (DPP)**, to prepare from the preliminary study, a Seminar/workshop project on the Phytosanitary inspection and plant quarantine in favour of member States of **Southern African** countries sub-region.

This study has indicated that the training of plant quarantine officers and phytosanitary inspectors is important and of vital need in the chosen sub region. This project has been prepared by the Inter-African Phytosanitary Council of African Union to response to the need of those member States.

I - JUSTIFICATION AND CONTEXT

Southern African countries depend essentially from agriculture and businesses. More than sixty percent of the population of the sub-region depends actively on agriculture. This represents a considerable production support force to the economy that has more of their income from agriculture. This situation proves that agriculture is the backbone of the economy of the sub region.

Despite of natural difficulties such as disasters, poor climatic changes, plant pests (diseases, insects, bad weeds) and rudimentary tools of production, found in farms, the paysan of the sub-region spends no effort to increase the yield of agricultural exploitation.

Furthermore following increase constraints, food agro-industries that constitute the biggest customer of many countries are becoming more severe in the selection of agricultural commodities. In addition the agricultural development of tropical countries, with the improve means of production renders severe competition on the international markets.

It is within this framework that the search for high quality agricultural products, become crucial at the level of the protection of agricultural products such as to keep their sanitary quality and preserve not only their market competitiveness but also and more importantly their added value.

To achieve this objective, it is imperative to ensure the qualification of manpower charged with the treatment and control of the phytosanitary quality of agricultural products. Therefore there is an urgent need for training/recycling plant quarantine officers and phytosanitary inspectors to support the efforts of

farmers and to favour the marketing of their agricultural products such as to significantly contribute to their socio- economic development.

II - OBJECTIVES

General objective:

Improve phytosanitary inspection and plant quarantine in Southern Africa, especially at the entrance and outlet points, like sea and air ports.

Specific objectives:

- Make them to acquire knowledges and new methods, currently existing in plant protection domain and more especially in Phytosanitary inspection of forest and agricultural products pests and diseases.
- Increase the skills and qualification of the man power, charged with plant quarantine and phytosanitary inspection in East Africa.

III - METHODOLOGY

Exposes will be organised in conference rooms equipped with simultaneous translation facilities. Each expose will be presented by trainer for 15mn and moderators will coordinate discussions; lectures will be held in morning sessions. The afternoon sessions will be for conferences/discussions, reports of participants from member states and field visit.

Themes to be exposed by expert's trainers in crop protection will be case studies from the country of origin of participants (Southern Africa). These will be completed by discussion between participants and trainers.

Teaching will involve lectures and practical or field trip (stores at port and airport, visit of plant quarantine station; lecturers will have readings materials for related to their respective courses.

Evaluation questionnaire will be filled individually by each participant and another one be organised to assess the knowledge of participants. At the end of the training, participants will receive certificate of attendance, attesting their participation to workshop. The period for the workshop is scheduled from **24-26 January 2006**. The venue is Harare, Zimbabwe. **Participants to the workshop will be grouped in plant protection as Bachelor of Sciences in Agriculture, Agricultural Engineer, Masters or PhD degree level of study.**

IV- WORKSHOP PROGRAM

Table I. List of themes and times for presentation.

N°	Themes	Times for presentation
1	-Principles and benefits of regional integration as related in plant protection in Southern Africa	15 mn
2	-Pests associated to agricultural storage products -Fight against pest for agricultural stored products in Africa	15 mn 15 mn
3	Status of plant quarantine and Phytosanitary inspection in Southern Africa	15 mn
4	-Phytosanitary legislation: Importance, principles and application -Plant quarantine: Importance, Equipment and activities of a plant quarantine station	15 mn 15 mn
5	-The issue of international norms of sanitary and Phytosanitary control in Southern Africa	15 mn
6	-New pests of storage Introduced in Africa in the last 25 years and fighting methods -Technique of the treatment of food storage and hygiene of the store of stored products	15 mn 15 mn
7	-Phytosanitary legislation: Principles, applications and Importance. -Phytosanitary inspection: Principles, Applications, Importance.	15 mn 15 mn
8	-Stocks treatment techniques. Sampling techniques, -Hygiene of stores and agricultural stored products	15 mn 15 mn
9	-Toxicology and Ecotoxicology of phyto pharmaceutical products in the treatment of food storage, -Management of pesticides: Principles and application; Management of obsolete pesticides in Africa	15 mn 15 mn

**Demonstration and visit session of some stores,
 Demonstration treatment: fumigation or spraying,
 Visit to plant quarantine stations,
 Visit to storehouses of agricultural stored products.**