

EAPIC and COPE



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Policy**

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EAPIC and COPE, what are they?

- The East Africa Phytosanitary Information Committee (EAPIC) was formed in Nairobi in April, 2006**
- Member countries are Kenya, Tanzania, Uganda, Rwanda, Burundi and Zambia**
- COPE (Centre of Phytosanitary Excellence) for the region, based at KEPHIS HQ, Nairobi**

EAPIC Objectives:

- **To develop web-accessible databases** that support SPS requirements and complement trade initiatives in East Africa and other regions
- **To develop national pest lists** for the 5 priority Food commodities (Maize, Beans, Rice, Banana, Cassava) in Kenya, Uganda, Tanzania Rwanda, Burundi and Zambia
- **To develop linkages** with regional institutions and **be an expert group in developing Plant Pest information and surveillance**
- To help prioritize specific needs for **pest survey**, detection, inspection, and diagnosis

The EAPIC Journey....

April 2006

EAPIC formed, 1st Meeting Nairobi

Oct. 2007

2nd EAPIC Meeting - Arusha

June 2007

3rd EAPIC Meeting - Kampala

April 2008

4th EAPIC Meeting – Lusaka

March 2009

5th EAPIC Meeting - Kigali

August 2010

6th EAPIC Meeting - Nairobi

Funding to Date:

2006-2007	USDA funded EAPIC activities in collaboration with USAID/EA
2008-2009	The UN Food and Agricultural Organization (FAO) started providing stability to EAPIC by collaborating in the development of pest databases through its funding of an EAPIC Coordinator. FAO also funded the improvement of the Pest Information Management System (PIMS) in response to requests by users.
2010	USDA and USAID/EA funded the EAPIC regional meeting
2011	USAID/COMPETE has provided funding to oversee the activities of EAPIC including: 1) developing a dynamic EAPIC web-portal; 2) improvement of PIMS; 3) rice pest surveillance; and 4) labor fee for EAPIC coordinator

Achievements to date

- ❖ Computer servers to countries (Uganda, Tanzania, Zambia...)
 - ❖ *Lesson: poor capacity to manage/maintain!*
- ❖ Regional server set up to support all national databases!
 - ❖ *Working!*
- ❖ New EAPIC Web Portal completed (www.eapic.org)
- ❖ Improved Pest Information Management System (PIMS)
 - ❖ *Training on PIMS given to member countries in Aug 2011*
 - ❖ *More training at national level needed*

Ongoing Activities

- ❖ USAID/COMPETE has provided funding to coordinate the implementation of the
 - **East Africa Pest Information Database Management....PIMS**
 - **Development of ePortal**
- ❖ Project Period: Nine months, ending December 31, 2011.
- ❖ Focus Crops: **MAIZE, BEANS, RICE**

THE NEW EAPIC PORTAL

www.eapic.org



East African Phytosanitary Information Committee



Zambia
Tanzania
Kenya
Burundi
Uganda
Rwanda

MEMBERS COUNTRIES: BURUNDI : KENYA : RWANDA : TANZANIA : UGANDA : ZAMBIA

HOME

ABOUT US

PEST DATABASE

PLANT PROTECTION RESOURCES

EXPERT DATABASE

PARTNERS

USEFUL LINKS

MEDIA

CONTACT US



NEWS HEADLINES

The Rwandan Authority have halted food ...

Scientist in Tanzania have revealed that..

The launch of EAPIC New face look Websit...

The launch of EAPIC New face look Websit...

WELCOME TO EAPIC

The East Africa Phytosanitary Information Committee (EAPIC) was formed in Nairobi in April, 2006 during a Pest Risk Assessment (PRA) meeting of regulatory officials from Kenya, Tanzania, and Uganda. Zambia, Rwanda & Burundi joined later. A goal of the committee has been to develop official country specific and regional pest reporting methods and Internet-accessible databases that support Sanitary and Phytosanitary requirements for East Africa

LATEST DISCUSSIONS



Drought impact in E.Africa

In Common Pest Discussion



Welcome to EAPIC Discussions

In Common Pest Discussion

PIMS-Pest information management system

- Pest Records Entry
 - Scientific Synonyms
 - Common Synonyms
 - Distribution Records
 - Pest Commodity
 - Upload Document
- Report Generation/ Pest Searching
- Registration and authentication of Users

PEST DATABASE – PUBLIC USER INTERFACE

Go to a specific country PIMS

Type a pest name here

The screenshot displays the PIMS Public User Interface. At the top is a green navigation bar with links: HOME, ABOUT US, PEST DATABASE, PLANT PROTECTION RESOURCES, EXPERT DATABASE, PARTNERS, USEFUL LINKS, MEDIA, and CONTACT US. Below this is a breadcrumb trail: Home > PEST DATABASE. The main content area is divided into three columns. The left column contains 'PIMS COUNTRY DATABASES' with a list of countries: KENYA PIMS, UGANDA PIMS, TANZANIA PIMS, RWANDA PIMS, BURUNDI PIMS, and ZAMBIA PIMS. Below this is a 'WEATHER' section showing a 4-day forecast for Thursday through Sunday with icons and temperatures. The middle column features a 'Search for a pest:' text input field, an 'Or Select commodity:' section with a scrollable list of commodities (Apples, Avocados, Bambara beans, Bananas, Barley, Beans, dry, Beans, green, Cabbages and other brassicas, Carrots and turnips, Cashew nuts, with shell, Cassava, Cassava leaves), and a 'Help' button. The right column is titled 'Matching pests and diseases' and contains an empty search results area with radio buttons for 'Common name' and 'Scientific name'.

Or select a commodity

HOW TO SEARCH FOR PEST

PIMS COUNTRY DATABASES

- KENYA PIMS
- UGANDA PIMS
- TANZANIA PIMS
- RWANDA PIMS
- BURUNDI PIMS
- ZAMBIA PIMS

WEATHER



Home » PEST DATABASE

The Pest Information Management System (PIMS) is a regional database for storing plant pest lists and surveillance data. PIMS has been designed to assist member countries to access reliable information on pests and diseases for domestic programs. PIMS also serves as a tool of sharing critical information to satisfy international obligations (e.g. the International Phytosanitary Portal of the IPPC).

Help

Search for a pest:

Or

Select commodity:

- Apples
- Avocados
- Bambara beans
- Bananas
- Barley
- Beans, dry
- Beans, green
- Cabbages and other brassicas
- Carrots and turnips
- Cashew nuts, with shell
- Cassava
- Cassava leaves

Matching pests and diseases

- Brown Spot: Passionfruit
- Mexican Fruit Fly
- West Indian Fruit Fly
- Pepper fruit fly
- Carambola Fruit Fly
- Indian Fruit Fly
- Guava Fruit Fly
- Melon Fruit Fly
- Melon Fruit Fly
- Oriental Fruit Fly
- Asian Fruit Fly
- Malaysian Fruit Fly

Common name Scientific name

Type a pest name here e.g. fruit

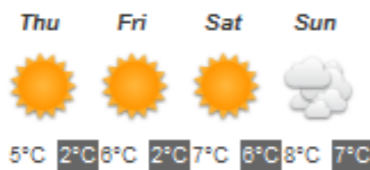
All pests with word 'fruit' are listed

SEARCH FOR COMMODITY PESTS

PIMS COUNTRY DATABASES

- KENYA PIMS
- UGANDA PIMS
- TANZANIA PIMS
- RWANDA PIMS
- BURUNDI PIMS
- ZAMBIA PIMS

WEATHER



Select a commodity here e.g. Beans, green

Home - PEST DATABASE

The Pest Information Management System (PIMS) is a regional database for storing plant pest lists and surveillance data. PIMS has been designed to assist member countries to access reliable information on pests and diseases for domestic programs. PIMS also serves as a tool of sharing critical information to satisfy international obligations (e.g. the International Phytosanitary Portal of the IPPC).

Help

Search for a pest:

Or

Select commodity:

- Apples
- Avocados
- Bambara beans
- Bananas
- Barley
- Beans, dry
- Beans, green
- Cabbages and other brassicas
- Carrots and turnips
- Cashew nuts, with shell
- Cassava
- Cassava leaves

Matching pests and diseases

- Bean Weevil
- Pea Aphid
- Sweet Potato Moth
- Black Cutworm
- Black Cutworm
- Alternaria Black Spot
- Giant Coreid Bug
- Bean Aphid
- Cotton Aphid
- Aspergillus Ear Rot
- Melon Fruit Fly
- Melon Fruit Fly

Common name Scientific name

All pests affecting Beans green are listed

FIND OUT LOCATION AND DETAILS OF PEST

The Pest Information Management System (PIMS) is a regional database for storing plant pest lists and surveillance data. PIMS has been designed to assist member countries to access reliable information on pests and diseases for domestic programs. PIMS also serves as a tool of sharing critical information to satisfy international obligations (e.g. the International Phytosanitary Portal of the IPPC).

[Help](#)

Search for a pest:

Or

Select commodity:

- Apples
- Avocados
- Bambara beans
- Bananas
- Barley
- Beans, dry
- Beans, green**
- Cabbages and other brassicas
- Carrots and turnips
- Cashew nuts, with shell
- Cassava
- Cassava leaves

Matching pests and diseases

- Bean Weevil
- Pea Aphid
- Black Cutworm**
- Striped Sweet Potato Weevil
- Alternaria Black Spot
- Alternaria Blight
- Nail Head Fungus
- Bean Aphid
- Bean Aphid
- Cotton Aphid
- Collar Rot
- Collar Rot

Common name **Scientific name**

Please select a country below to view more pest details of the pest in the selected country



Select one of the pests listed here

All countries where this pest is found are displayed here

Pest Information Display...

When you click on the country, a new window opens to provide:

- Pest details
- Documents
- Web images
- Distribution map (this is not yet available)

Pest Details

Life form	Insect Arthropod tax_in
Genus	Agrotis
Species	ippsilon
Common name	Black Cutworm
Authority	Agrotis ipsilon

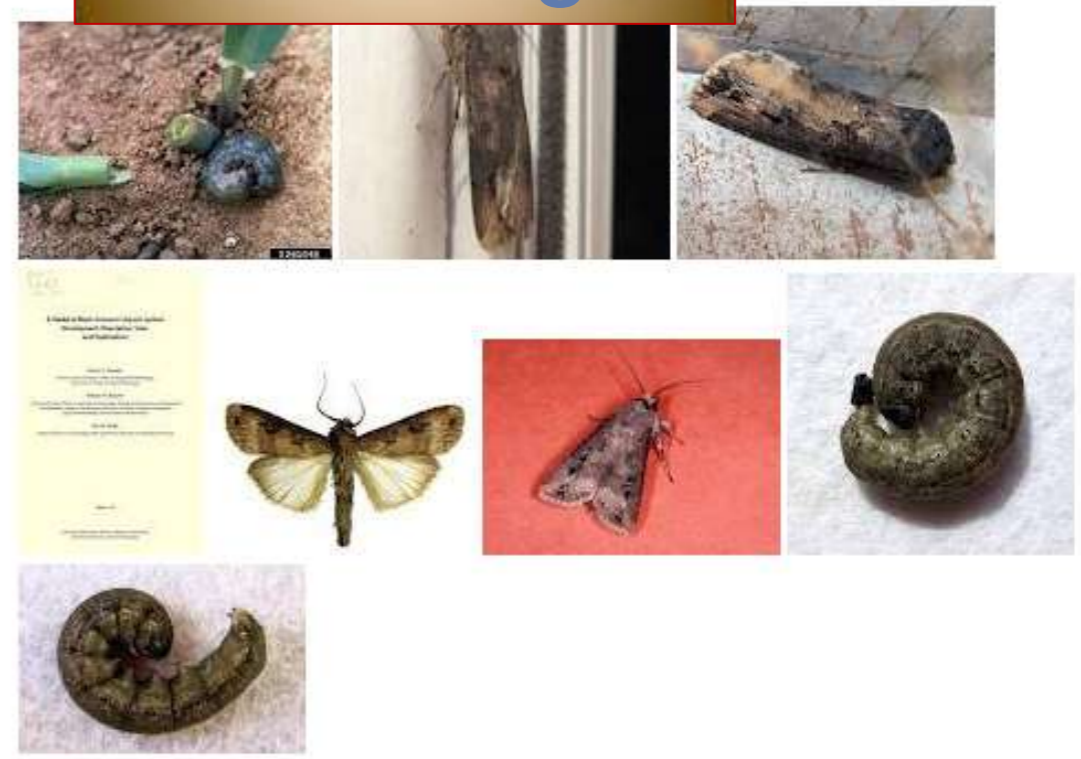
Web images

Documents

Documents

Document	Source and title
Presently there are no documents associated with the pest that are viewable	
and links	
Black Cutworm (Agrotis ipsilon Hufnagel)	source name is: {illinois.edu} Title: Black Cutworm (Agrotis ipsilon Hufnagel)
Black Cutworm — Entomology — Penn State University	source name is:
Black Cutworm, Agrotis ipsilon (Hufnagel) (Insecta: Lepidoptera)	

Web Images




Maps (not functional)





Maps (not functional)



HOW TO ENTER DATA INTO PIMS

- A global Master Pest List has already been entered into PIMS
- Pests not available in the Master Pest List can be added by the PIMS System Admin
- The following slides shows how countries go about creating their own pest lists and add all the other required information

Pseudomonas syringae pv. syringae (Smith 1896) Yabuuchi et al. 1996 

Pseudomonas syringae pv. tabaci (Wolf and Foster, 1917) Young et al., 1978 

Pseudomonas syringae pv. tomato (Okabe) Young, Dye and Wilkie 

Ralstonia solanacearum (Smith 1896) Yabuuchi et al. 1996  


Pest Records Scientific Synonyms Common Synonyms Distribution Records Pest-Commodity Upload Document

Pest Records

Record Access

Status

Occurrence

Ralstonia solanacearum race3 biovar2 (Smith 1896) Yabuuchi et al. 1996 

Step 1: Select a Pest from the Master list
Click on PEST RECORD and the details above are displayed
When all data is entered, click UPDATE and data is saved

Pest Records

Scientific Synonyms

Common Synonyms

Distribution Records

Pest-Commodity

Upload Document

Scientific Synonyms

► Add

1-1 of 1

Pseudomonas solanacearum pv.



Record Access	Public
Genus	Pseudomonas
Species	solanacearum
Descriptor	pv.
SpVar.	
Authority	
Language	English
Source	CBC 2007
Comments	
<input type="button" value="Update"/>	

Step 2: Enter SCIENTIFIC SYNONYM details as shown above
When all data is entered, click UPDATE to save

Pseudomonas syringae pv. *praeconceps* (Burkholder 1926) Young, Dye and Wilkie 1978

Pseudomonas syringae pv. *sesami* (Malkoff 1906) Young, Dye and Wilkie 1978

Pseudomonas syringae pv. *syringae* (Smith 1896) Yabuuchi et al. 1996

Pseudomonas syringae pv. *tabaci* (Wolf and Foster, 1917) Young et al., 1978

Pseudomonas syringae pv. *tomato* (Okabe) Young, Dye and Wilkie

Ralstonia solanacearum (Smith 1896) Yabuuchi et al. 1996

Scientific Name *Ralstonia solanacearum*

Common Name Bacterial wilt of potato

Taxonomy Eubacteria, Proteobacteria, Betaproteobacteria, Burkholderiales, Burkholderiaceae

Scientific Synonyms *Pseudomonas solanacearum* pv.

Common Synonyms Bacterial wilt of potato|Brown rot of potato

Commodities Cassava|Bananas|Peas, green|Potatoes

Documents [18352grp.jpg](#)

Map

Ralstonia solanacearum race3 biovar2 (Smith 1896) Yabuuchi et al. 1996

Once all data is entered, this is how it will be displayed

Acinetobacter baumannii Bouvet and Grimont 1986



Agrobacterium tumefaciens (Smith and Townsend 1907) Conn 1942



Scientific Name Agrobacterium tumefaciens

Common Name

Scientific Name

Common Name

Common Name

Common Name

Bacillus megaterium

Bacillus pumilus

Burkholderia

Clavibacter michiganensis

Corynebacterium

Rhizobiaceae



This is how Pest Distribution Maps will appear once data is available

ACTIVITIES 2011

- ✦ Continue data entry into PIMS – provide national support and collaborate with universities
- ✦ Launch of PIMS at national level
- ✦ Surveillance exercise to collect missing data and finalize pest lists
- ✦ Develop Quarantine Pest Lists
- ✦ Develop regional PRAs
- ✦ Develop pilot e-Learning modules on phytosanitary issues
- ✦ Strengthen linkages with other stakeholders

COPE

- **Launched in October 2010 and based at both KEPHIS (Kenya Plant Health Inspectorate Service) and the University of Nairobi**
- **Objective: Enhance the capacity of plant health systems, protect agriculture, and improve the ability of member countries to compete in international markets**

COPE training programs

- Started training on phytosanitary measures in July 2011**
- In September 2011, using COMPETE funding. ran a one month course entitled “Capacity building on phytosanitary skills for increased regional trade”**
- Designed for staff from NPPOs, MoAs, NBSs, and trade associations**

The first capacity building course-short in service residential courses at KEPHIS

- Participants from EAC, Malawi, Zambia and DRC (8 countries)**
- 25 participants mostly from NPPPO head offices, but also border inspection crossings**
- Covered topics such as international law, pest diagnostics and pest risk analyses**
- Examined and granted certificates underwritten by the University of Nairobi**

Plans for 2012

- **Continue funding EAPIC so that they finalise the PIMS work and it goes into the regional portal, currently hosted at KEPHIS, but in time to be hosted by EAC**
- **EAPIC to be based out of the KEPHIS campus in Nairobi**
- **Provide funding to COPE so that they continue with in service capacity building training programs for the region**

Contacts

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