

20-26 November 2023

Icipe launches project to control harmful fruit insects

BY TSEGAYE TILAHUN

ADDIS ABABA – The International Centre of Insect Physiology and Ecology (icipe) has launched Integrated Pest Management (IPM) project to control harmful fruit insects in Eastern Africa.

The icipe launched the IPM project yesterday to implement agro-ecological-based technologies to enhance safe fruit production in three trans-boundary countries such as Kenya, Ethiopia and Tanzania.

Speaking at the launching ceremony, the icipe Principal Scientist and Head of the Social Sciences and Impact Assessment Unit Menale Kassie (PhD) said that currently, harmful flies or insects have been resulting in reduction of production and productivity. Mainly the white mango scale has been greatly affecting mango productivity. The project aimed to address these fruit sector challenges by scaling proven agro ecological-based IPM approaches and good agricultural practices especially to control white mango scale.

It focuses on establishing sites and gender-inclusive capacity building of all segments of the beneficiaries using digital and non-digital platforms as well as training of young African scientists from the target countries



at the post graduate level, he said.

“Today, we have launched a project that would contribute to controlling the harmful insects that affect the productivity of fruits, specifically Banana, Citrus, Mangoes, Avocados, Oranges and others. Currently, white mango scale has been highly affecting Ethiopian farmers economically. As a result, some of the farmers are cutting down mango trees. Its productivity has been reduced by 30%.”

The project is ready to assist the farmers and government controlling the white mango scale. Mango is the second yielding fruit in Ethiopia following

Banana (nearly 14% yielding). It is a source of foreign currency generation. The project would apply technologies like natural enemies for fruits, he said.

For her part, icipe Senior Plant Scientist Semira Mohamed (PhD) stressed that the project would tackle three major devastating pests such as fruit flies, fruit causing moths and white mango scale on key high value crops.

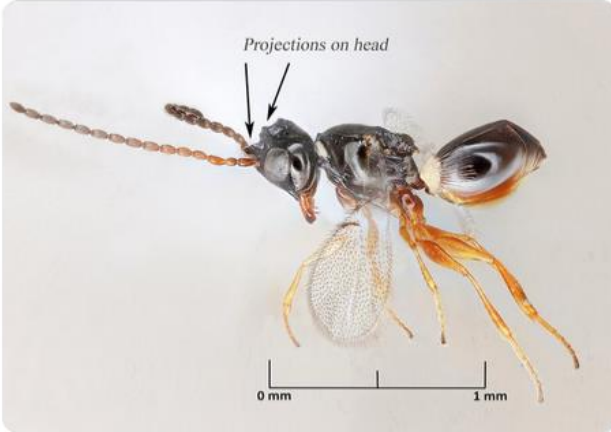
Africa is estimated to lose two billion USD annually due to white mango scale pests. Addressing these challenges ensures food security, income generation, reduces unemployment, poverty reduction and others, she noted.

Ethiopian Herald-22 November 2023

Social Media

icipe @icipe

Our [#insectoftheweek](#) is a [#wasp](#) species called Muhaka icipe. It was unknown until [@icipe](#) discovered it in 2013. We knew it belonged to the family [#Figitidae](#) because of its wing venation, but we contacted another specialist for further analysis. Read more: icipe.org/news/blog/inse...



Dept. of Agriculture

6:35 PM · Nov 21, 2023 · 499 Views



Meet our research partners 🌱

We believe that AI can play a major role in securing Africa's food future.

That's why we fully support the work spearheaded by the AI hub for Agriculture and Food Systems run by [@atpsnetwork](#), [@icipe](#) & [@KumasiHive](#)



10:30 AM · Nov 21, 2023 · 292 Views



Marie Merci Uwimbabazi reposted

Rwanda Agriculture & Animal Resources Devpt Board @RwandaAgriBoard

RAB, in partnership with [@icipe](#), is conducting a two-day workshop on the management of Fall Armyworm through the use of biological control agents. The training aims to provide farmers and agronomists with skills in augmentative biocontrol and conservation of natural enemies.



European Commission and Ministry of Agriculture & Animal Resources | Rwanda

5:30 PM · Nov 23, 2023 · 1,360 Views

Johan Sävström @SciComJohan

I en del myggor lever en mikroorganism som hindrar malariaparasiten från att överföras till människor eller till honans ägg. Forskare vid [@icipe](#) tror detta kan utvecklas till ett effektivt verktyg mot malaria.

[#Forskningssamarbete](#) [@Sida](#)

Translated from Swedish by Google

Some mosquitoes live with a microorganism that prevents the malaria parasite from being transmitted to humans or to the female's eggs. Researchers at [@icipe](#) believe this can be developed into an effective tool against malaria. [#Forskningssamarbete](#) [@Sida](#)



parasitesandvectors.biomedcentral.com
Microsporidia MB in the primary malaria vector Anopheles g
Background The demonstration that the recently discovered Anopheles symbiont Microsporidia MB blocks ...

9:45 AM · Nov 21, 2023 · 28 Views

Shepard Ndlela @NdlelaShepard

H. E. Dr Meles Mekonnen, Ministry of Agriculture @ inception meeting of the project "Fruit tree agroecological based IPM by [@icipe](#) funded by [@BMZ_Bund](#)." The project targeting the management of the White Mango Scale has full support of the Government of Ethiopia"



Food and Agriculture Organization and 6 others

3:33 PM · Nov 21, 2023 from Nairobi, Kenya · 191 Views

icipe @icipe

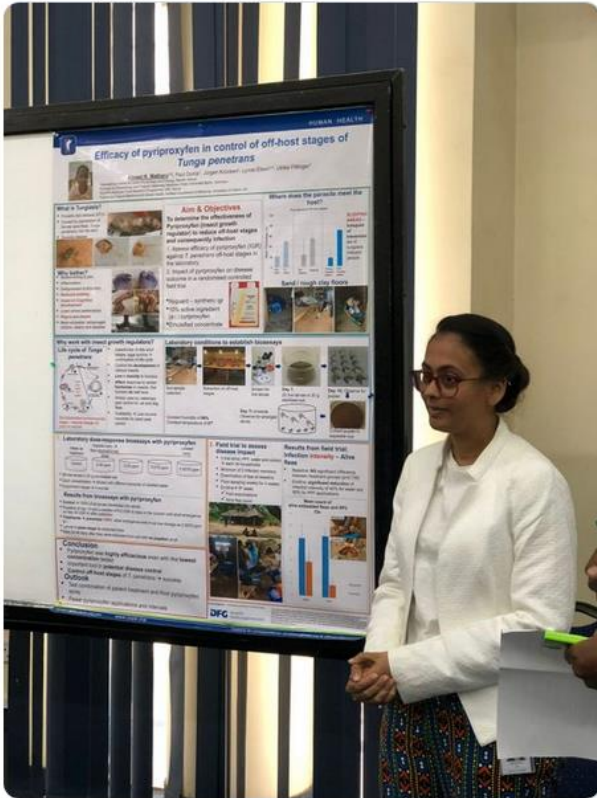
We were pleased to host delegates from [@Sida](#), led by [@Annika_Sweden](#), Head of Development Cooperation in Kenya, who paid us a visit earlier this week and interacted with some of the Centre's [#research](#) and development initiatives.



10:12 AM · Nov 22, 2023 · 486 Views

Abneel K Matharu
@AbneelK

I am honored to have won the icipe Governing Council GC poster competition presenting "Efficacy of pyriproxyfen in control of off-host stages of *Tunga penetrans*". Putting tungjiasis on the map #creatingawareness #tungjiasis #beatNTDs @icipе @DFG @lelson18



11:51 AM · Nov 24, 2023 from Mbita, Kenya · 757 Views

Cordaid Kenya
@CordaidKenya

With our partners @icipе and @Kenya_IMPACT engaging with local community groups in Laikipia, Isiolo, Samburu, and Marsabit counties. Together, we're scouting out ideal demo and training sites for our (B)eat The Project cricket rearing entrepreneurs.



7:34 PM · Nov 22, 2023 · 138 Views

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UPSCALE
@upscale_h2020

Pay attention to the cooperation between @RwandaAgriBoard and @icipе in Campaign against Fall Armyworms

Discover which districts have experienced success using Push-Pull tech in order to decrease FAW influence [upscale-h2020.eu](https://www.upscale-h2020.eu)

#UPSCALE #Horizon2020 #agriculture



Rwanda: Campaign Against Fall Armyworms

www.upscale-h2020.eu

11:18 AM · Nov 23, 2023 · 36 Views

Estherpatrick
@estherpatrick44

Can we achieve biodegradable sanitary towel production in Kenya? Dr. Jacqueline Kisato has used seaweed and Banana pseudo stem to give us this sustainable solution.

@PasetRsif
@icipе
@UnescoYouthKe



10:08 AM · Nov 24, 2023 · 175 Views