

2 – 14 January 2024

Farmers urged to embrace new farming methods

While visiting *icipe's* campus in Mbita, Western Kenya, Ambassador Henriette Geiger of the Delegation of European Union to Kenya urged agricultural stakeholders to devise the best strategy for mitigating the negative effects of climate change by investing in climate-resilient crops and adopting new farming methods such as push-pull.

- <https://www.the-star.co.ke/counties/nyanza/2024-01-12-invest-in-climate-resilient-crops-to-boost-food-security-kenyan-farmers-urged/>

Adoption of push-pull for biological control of pests

Farmers have accelerated the implementation of Push-pull techniques to control pests and prevent soil degradation hence improved production.

- <https://www.kenyans.co.ke/news/96395-controlling-pests-plants-why-farmers-are-adopting-push-pull-technology>

Advances in the battle against malaria

icipe and partners groundbreaking finding that malaria mosquitoes containing *Microsporidia MB* are unable to transmit malaria continues to inspire hope.

- <https://www.standardmedia.co.ke/health/health-science/article/2001488244/breakthrough-in-fight-against-malaria>

Invasion of vegetable crops by soil pests

A study conducted by *icipe* Scientists in partnership with the University of Nairobi discovered that two soil-dwelling, invasive fly species are causing extensive devastation on vegetable crops in Kenya, owing to a lack of effective management options for smallholder farmers.

- <https://www.nature.com/articles/d44148-024-00013-0>

Social Media



The International Centre of Insect Physiology and Ecology (ICIPE) has termed the discovery of a parasite that blocks malaria transmission from mosquitoes to human beings as a major breakthrough in the fight against the disease.



Breakthrough in fight against malaria
From standardmedia.co.ke
5:15 PM · Jan 2, 2024 · 1,151 Views



An #ACIAR-funded research has birthed a new sector in waste management that's creating jobs & addressing #FoodSecurity by providing farmers with cheaper & higher quality feed to produce nutritious meat, egg, fish & crops bit.ly/41ksJUm.

@icipe @CSIRO @RockefellerFdn



Chrysantus Tanga and 3 others
8:26 AM · Jan 8, 2024 · 153 Views



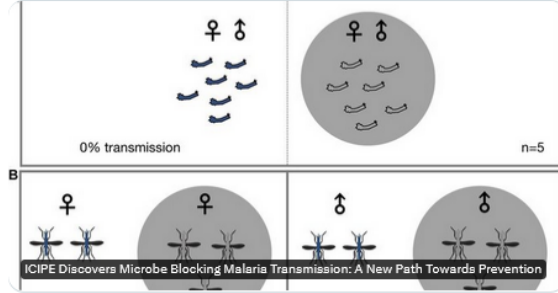
I had the privilege of meeting Dr Abdou Tenkouano, the new Director General @icipe, and learned firsthand from Prof. Zeyaur Khan. Natural and social scientists work closely with farmers and extension agents to educate on push-pull technology. @HomaBayCountyKE #HomaBayCounty



12:10 PM · Jan 11, 2024 · 1,223 Views



A new discovery finds a microbe that blocks malaria transmission. @icipe researchers are hopeful this finding could pave the way for new strategies to #EndMalaria.



From bnnbreaking.com
9:50 PM · Jan 3, 2024 · 2,284 Views



Link: drive.google.com/file/d/1CJFIHx...

icipe @icipe · Jan 8
How can insects contribute to a #GreenEconomy?
Join us for this conference, 28-29 February 2024.

@Makerere @DiscoverJKUAT @MMUST_Kenya @uonbi @uenr830gh ...
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Insects for the Green Economy Conference

Theme: Sustainable Food Systems and Livelihoods in Africa

Date	28 th – 29 th February 2024
Venue	The African Institute for Capacity Development (AICAD) at Jomo Kenyatta University of Agriculture and Technology (JKUAT), Nairobi, Kenya.

Background
Africa experiences food insecurity driven by climate change, population growth, conflicts and macroeconomic crises. Innovative, nature-based solutions are essential to addressing these challenges. Insects have long played critical roles in ecosystems, diets, and human culture, with over 500 species contributing significantly to food and nutrition security across the continent. However, it is only recently that insects have been considered as a novel 'livestock' in food systems. Research and innovation have surged, fostering a thriving public-private sector. Insects, particularly species relevant to farming, efficiently transform organic residual streams into high-value products. Therefore, insects hold significant potential for sustainability, circular bioeconomy and livelihood improvement. This conference focuses on how insects can contribute to transforming food systems, emphasizing the unique opportunities and challenges in Africa.

Join us to unlock the potential of insects in enhancing food and nutrition security, promoting environmental sustainability, and driving economic growth within the framework of a green economy across the continent!

Objectives

- Provide a platform to review the state of the insects for food, feed and other sectors in Africa
- Present research outcomes relevant for the future development of the sector
- Facilitate stakeholder interactions with a particular focus on how the insect sector can contribute to achieving SDGs in Africa

3:23 PM · Jan 8, 2024 · 307 Views



Happy New Year from NemAfrica! The team, led by @Shaukeland2 is currently setting up the 1st #banana paper trials of 2024 in @icipe Muhaka station. This project is in collaboration with @BioInnovate to test the impact of the paper in Nematode and Weevil control on Sweet Potatoes



IITA and 8 others
8:56 AM · Jan 9, 2024 from Kenya · 612 Views

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