

8-21 May 2023

Transforming feed and fertilizer systems in Ethiopia through insect farming

icipe's significant contributions to the introduction of community demand-driven research, particularly the mass production of black soldier fly that transforms organic waste into quality animal and plant nutrition and crop protection, creating new jobs, enhancing food security, and supporting sustainable agri-food systems in Ethiopia, have been captured and broadcast in Amharic by the Southern Media Network, Sidama TV, Fana Broadcasting Corporation, and the Ethiopia News Agency.

- <https://www.youtube.com/watch?v=BJMtwOF3a4w>
- https://www.ena.et/web/amh/w/amh_2768272

icipe scientists participate at a convergence of world experts on maize crop pests

Scientists from Canada, China, the United States, and a number of European and African countries gathered to discuss their results and ideas for combating maize insect pests such the fall armyworm. Dr. Samira Mohamed discussed recent advances in the biological control of the fall armyworm.

- <https://news.agropages.com/News/NewsDetail---46438.htm>

icipe Director General receives an honorary doctorate degree

Dr. Kelemu has been awarded an honorary doctorate degree by Ben Gurion University of the Negev in Israel in recognition of her outstanding scientific leadership in helping build a food secure Africa. Here is an inspiring video in her honor.

[Video](#)



A novel approach that has the potential to significantly contribute to global food security

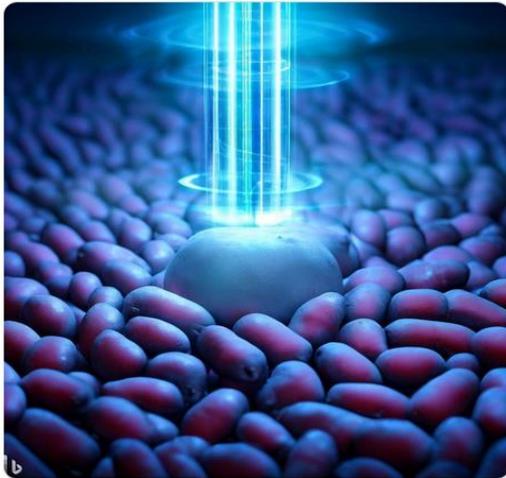
The black soldier fly has accelerated growth rates, thrives on a variety of diets, and has a cost-effective production cycle with little environmental impact, making it a viable option for sustainable agricultural production.

- <https://www.tuko.co.ke/kenya/counties/506120-black-soldier-fly-solution-global-fertiliser-shortage-threatening-food-security/>

Social media

Jorge Luis Alonso G. @redepapa

This study, conducted by @chuka_uni, @egertonunikenya, @icipe and @Cipotato, investigates the use of #magneticfields to reduce #glycoalkaloids formation in stored #potatoes, taking into account magnetic field sources, intensities and storage types, bit.ly/3B5nT11



6:05 AM · May 9, 2023 · 5 Views

Val Giddings Retweeted

The Rockefeller Foundation @RockefellerFdn

The world needs more sustainable ways of feeding ourselves. Cue frass fertilizer.

This local, sustainable, affordable solution made by black soldier fly larvae is a “wonder drug for soil”. @Bettywk & @ICIPE’s Dr. Tanga share why it’s time to invest in its production. 1/6



12:14 AM · May 11, 2023 · 2,784 Views

BioInnovate Africa @BioInnovate

Spotlighting #bioinnovations: support by @icipe @BioInnovate Africa has enabled Tanzania Agricultural Research Institute & partner organizations to develop a #seedssystem that allows #farmers to access affordable high yielding virus free #sweetpotato vines. bit.ly/3NYLat



Rwanda Agriculture & Animal Resources Devpt Board and Makerere University

11:53 AM · May 12, 2023 · 399 Views

Kevin opiyo @Kevinop85170174

Preventive method initiated by @icipe
Push pull technique by use of desmodium and braccaria grass.

Claudine Kamanzi @kamanzi_claudin · May 7

Let's discuss the Maize crop. Which technics do use in your country to prevent fall armyworms in order to attain high production of maize?



2:10 PM · May 8, 2023 · 5 Views

icipe @icipe

#Insectoftheweek: this ant-like flower #beetle is of the family #Anthicidae. It belongs to the genus #Notoxus in the subfamily #Notoxinae, known for their “horn” on the pronotum (1st segment of the thorax). Can the head swivel up the #pronotum? Read more: [icipe.org /content/insect...](https://icipe.org/content/insect...)



Sida

1:08 PM · May 9, 2023 · 322 Views

SciDev.Net SS Africa @SciDevNetSSA

When fried they have a nice crunch! ^{and they smell} But they are also rich in proteins, fatty acids and minerals that boost immunity, fight cancer and prevent inflammation of body organs - @baldwyn_torto @icipe



scidev.net

Desert locusts could offer dietary and health benefits
Researchers identify chemicals in desert locusts that could help boost food security and control chronic diseases.

8:00 AM · May 16, 2023 · 619 Views



Dr Segenet Kelemu, @icipe Director General & CEO, receives an honorary doctorate degree of Doctor of Philosophy Honoris Causa, from @bengurionu, in recognition of her outstanding scientific leadership in helping build a food secure #Africa. @Sida @SwissDevCoop @ACIARAustralia



FDRE Government Communication Service and 9 others

12:11 PM · May 18, 2023 · 674 Views



Dr. Shepard Ndlela, Postdoctoral Research Fellow @icipe : I am happy to say that we can have the hot water treatment plant at the mango production zones as proposed by Makueni governor @GvnMutula @kenya_afa @MESPT_ke @FeedTheFutureIN @FeedTheFuture @USA...



11:16 AM · May 17, 2023 · 47 Views



Insect-based feed, extracted from the black soldier fly, increase beneficial bacteria for poultry to boost their #health and growth, and reduce reliance on antibiotics, a study published in @SciReports suggests.

Read more: go.nature.com/3Bytht0

#NatureAfrica

@icipe



nature.com
Benefit of insect-based poultry feed revealed
Nature Africa - Reduced reliance on antibiotics.

2:00 PM · May 19, 2023 · 17 Views



Dr. Akutse from @icipe takes the stage, presenting on biopesticide development to combat desert locusts. Exciting news! - @icipe has identified 4 promising fungal isolates with the potential for biopesticide development. Great strides towards mgt and control of Desert Locust!



6:05 AM · May 18, 2023 · 21 Views



@icipe @BioInnovate Africa is pleased to participate in the launch of Grand Challenges Rwanda (#GCRwanda) taking place on 18-19 May 2023, at the Kigali Convention Center, alongside @ScienceTechRw who are spearheading the event and initiative. Read more: icipe.org/content/icipe...



AUDA-NEPAD and Science for Africa Foundation

5:48 PM · May 18, 2023 · 132 Views



In 2022 @icipe + @IITA CGIAR via @NemAfrica made incredible progress in banana fibre technology against nematodes + nematology awareness n capacity building. more icipe.org/publications/a... @DannyCoyne6 @bioinnovate @sida @KephisKe @Cipotato @ImanemaUgent @Valeria_0r17 @alabamaED

on Nematodes	Context	Progress in 2022	Impact
Key stakeholders and	In 2021, icipe and IITA commenced a five-year partnership with Ghent University (Ghent, Belgium) which serves as a Satellite Hub for Uganda's Master of Science in Agricultural and Environmental Nematology Programme. Students enrolled on the programme participate in the Kenya Track Option coordinated by icipe and IITA, which includes established training in Kenya and a Topical Pest and Disease Course. The students sit in tandem of the annual Basic Crash Course in Nematology (BCCN).	In 2022, the institutions renewed their partnership, with a five-year agreement (2022 - 2027) that strengthens the role of icipe jointly with IITA, as a leading nematology training hub in Africa. As partners in the Nematology Education in sub-Saharan Africa (NEMEDUSA), we are raising nematology training and teaching in university curricula in Africa. We have contributed to the establishment of a pan-African nematology network (PANEMAN), the premier gathering of nematologists in the region.	Through these activities, icipe expanded its influence on its territories in 8
and nematology and	In Africa, nematology capacity is limited. In addition to creating a critical mass, together with IITA, we are increasing public awareness and understanding across the agricultural landscape. Our efforts include establishing farmers' government extension, private sector partners to strengthen knowledge on nematode management in their positions.	In 2022, we conducted a variety of training and awareness creation. In partnership with Sugar East Africa (SEA), we are increasing public awareness and understanding across the agricultural landscape. Our efforts include establishing farmers' government extension, private sector partners to strengthen knowledge on nematode management in their positions.	These activities for an awareness development in capacity in many governments on the continent

Annual F 2022

www.icipe.org

Deb Neher and 7 others

2:36 PM · May 19, 2023 · 298 Views

NemAfrica
@NemAfrica

@icipe and @IITA_CGIAR join hands to work on sweet potato with Meru University Kenya.
#Nematology
#SweetPotato
#WrapAndPlantTechnology
@DannyCoyne6 @Shaukeland2 @MeruUniversity @icipe @IITA_CGIAR

1:44 PM · May 19, 2023 · 161 Views

Bioeconomy Coalition Of Africa Retweeted

BioInnovate Africa
@BioInnovate

Spotlighting #bioinnovations; If you have #sweettooth & are health conscious, this is the product for you! High quality aroma @ToffeeHoney containing 75% #honey & 25% natural products with zero processed sugar. bit.ly/3BJ7AYb; bit.ly/41YjO9Y
Happy #WorldBeeDay!

aromahoneytoffee.wordpress.com
Aroma Honey Toffee (Indulge yourself in healthy sweetness)
"the most convenient way to eat honey"

10:59 AM · May 20, 2023 · 279 Views

icipe
@icipe

Watch this inspiring video by @bengurionu in honor of Dr Segenet Kelemu, @icipe Director General & CEO, remarkable scientific leadership in helping build a food secure #Africa.
youtube.com/watch?v=XxdfKf...
@Sida @SwissDevCoop @ACIARAustralia @FdreService @EduMinKenya @gatesfoundation

youtube.com
Dr. Segenet Kelemu - Honorary Doctorate Recipient at BGU's 53rd Board...

4:32 PM · May 18, 2023 · 576 Views

icipe
@icipe

#Insectoftheweek: this tiny cylindrical #beetle is a member of the family #Ciidae, commonly known as minute tree-fungus #beetles. The female of this species find a good spot in the fruiting body of the fungus growth and lay its eggs. Read more: icipe.org/content/insect...
#Insects

Sida

4:01 PM · May 15, 2023 · 562 Views

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