

April 2022

## Insects for Food, Feed and Other Uses

Research conducted by *icipe* has confirmed that fortification of porridge using insects can turn it into a super-food that meets and exceeds micro-nutrient requirements. Porridge fortified with cricket has twice as much protein, three to four times more crude fat and double the amount of iron and zinc.

(<http://www.icipe.org/news/newly-discovered-african-cricket-fortify-african-porridge>)

- <https://english.news.cn/20220407/f33d33ed4dc2437ea1634a892bf7ba67/c.html>
- <https://www.mdpi.com/2304-8158/11/7/1047/htm>
- <https://scienceafrica.co.ke/2022/04/12/icipes-insect-fortified-porridge-to-boost-africas-food-nutritional-security/>
- [http://www.china.org.cn/world/Off\\_the\\_Wire/2022-04/06/content\\_78151618.htm](http://www.china.org.cn/world/Off_the_Wire/2022-04/06/content_78151618.htm)
- <https://www.standardmedia.co.ke/national/article/2001443014/african-cricket-to-be-used-to-fortify-porridge>
- <https://www.the-star.co.ke/news/star-farmer/2022-04-06-study-finds-cricket-porridge-more-nutritious/>
- <https://medicalxpress.com/news/2022-05-insect-porridge-malnutrition-africa.html>
- <https://www.scidev.net/sub-saharan-africa/news/is-insect-porridge-the-answer-to-malnutrition-in-africa/>
- <https://farmersreviewafrica.com/newly-discovered-african-cricket-fortify-african-porridge/>
- <https://www.malindikenya.net/en/articles/news/last-news/cricket-ugali-the-future-of-kenyan-food.html>
- <https://learnteethwhitening.com/health-news/is-insect-porridge-the-answer-to-malnutrition-in-africa/>
- <https://www.breakingkenyanews.com/2022/04/from-kenya-to-zimbabwe-insects-get-onto.html>
- <https://www.4herworld.com/is-insect-porridge-the-answer-to-malnutrition-in-africa/>
- <https://www.thehealthnewsexpress.com/pediatrics/is-insect-porridge-the-answer-to-malnutrition-in-africa/>
- <https://msportservices.com/is-insect-porridge-the-reply-to-malnutrition-in-africa/>

*icipe* continues to train farmers on how to raise insects for food, and as a sustainable protein alternative for feed formulations for stockfeeds. The increased uptake is already improving livelihoods in Africa.

- <https://www.standardmedia.co.ke/farmkenya/article/2001441994/the-worm-that-could-shield-farmers-from-exploitative-animal-feed-prices>
- <https://www.newsday.co.zw/2022/04/feature-insects-a-cheap-and-sustainable-protein-alternative-for-stockfeeds/>
- <https://nation.africa/kenya/business/seeds-of-gold/kenya-zimbabwe-insects-get-onto-plates-as-farmers-reap-3784370>

## Push - Pull

Push-pull farming significantly reduces crop losses while improving food security in sub-Saharan Africa. *icipe* is studying the mechanisms by which it can be effectively used to control fall armyworm which recently spread across large areas of Africa leading to food scarcity in the region.

- <https://swifttelecast.com/how-push-pull-companion-crops-help-manage-the-devastating-fall-armyworm-pest/>

Social media

Dennis Moyo Retweeted  
**Mwemezi Rwiza, PhD**  
 @SwahiliBible

Please join us as I host Dr. Higgins (University of Bristol), Prof. Mbaye (University Gaston Berger), Prof. Murtala (Bayero University), and Prof. Dejene (Haramaya University) to discuss research partnerships in PhD programs. Kindly RT and share.

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PhD Scholarship Fund for Africa @PasetRsif · Apr 21  
 Invitation to RSIF Research Partnerships Workshop, 22 April, 2022 - mailchi.m /icipe/virtual-...





**PASET Research Partnership Workshop**  
 Mechanisms for collaboration on PhD student training and research between RSIF host Universities and partners

April 22nd 2022 | 5:00 PM EAT



**Dr. Kevin Higgins**  
 Global Bristol PhD Programme Manager  
 Guest Speaker



**Dr. Mwemezi J. Rwiza**  
 Senior Lecturer, The Nelson Mandela African Institution of Science and Technology (NM-AIST)  
 Chair

**Respondents:**  
 Prof. Jibrin Mohammed/Prof. Murtala Badamasi, Bayero University, Kano, Nigeria  
 Prof. Maissa Mbaye, University Gaston Berger, Senegal  
 Prof. Sintayehu Workeneh Dejene, Haramaya University, Ethiopia  
 Dr. Everlyn Nguku, PASET RSIF, icipe

Register in Advance: <https://bit.ly/300VSN0>  
 #PASETResearchWorkshop

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joyjoykitchen.com · ahmedbahri94  
 Blog | US | Apr 23 · 9:53 AM

Insects offer cheaper option to costly chicken, fish feed ingredients, particularly soymeal," adds Dr Chrysantus Tanga, a research scientist at **icipe**. There is also the nutritional aspect of it. "BSF protein is

Icipe

BioInnovate Africa @BioInnovate  
 Twitter | KE | Apr 21 · 3:58 PM

**BioInnovate Africa** phase III participating countries include: #Burundi, #Ethiopia, Democratic Republic of the Congo (#DRC), #Kenya, #Rwanda,



Mak Directorate of Research & Graduate Training Retweeted  
**Makerere University CAES**  
 @MakCAES

#CONSORMIP\_Project to unveil Novel Food Products from Sorghum & Millet: With funding from @BioInnovate @icipe @Sida, Prof. Yusuf Byaruhanga, Principle Investigator of the project innovated new processes and products from Sorghum & Millet @Makerere @ProfNawangwe @MakCAES @goret69



**CAES**

**CONSORMIP Project**

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Closure Workshop

4th May 2022  
 8:30am - 12:00pm  
 School of Food Technology, Nutrition & Bioengineering Conference Hall



**Prof. Yusuf Byaruhanga**  
 Principle Investigator





5:09 PM · Apr 21, 2022 · Twitter for iPhone

Norway in Kenya  
 @NorwayInKenya

The Norwegian Embassy and Development Agency @noradno visited world-leading research institute @ICiPE working to alleviate poverty and ensure #foodsecurity through science on both harmful and useful insects #OneHealth



FAO in Kenya and 9 others

9:40 AM · Apr 26, 2022 · Twitter Web App

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