

Healthier plants with the help of Biologicals?

Host: Associate Professor Erik Alexandersson, Department of Plant Protection Biology, SLU Alnarp





SCIENCE AND EDUCATION **FOR SUSTAINABLE LIFE**

Where are we?

SLU Alnarp, Faculty of Landscape Architecture, Horticulture and Crop Production Science (LTV), Department of Plant Protection



Today's presenters!



Jean Yong, Professor of Horticulture, interests in biochemistry and plant eco-physiology; Volunteer scientist in mangrove conservation and poverty alleviation-linked projects



Lerato Matsaunyane
Molecular potato breeder with extension in smallholder farmer support



Laura Grenville-Briggs
Plant Pathologist and professor of integrated plant protection - biological control in potato and cocoa



Ivan Rwomushana
Senior Scientist developing integrated pest management for invasive insect pests to reduce over reliance on synthetic pesticides

Plant Biologicals Network



Member organisation founded in 2018.

Purpose: to create a **knowledge and innovation network** in Southern Scandinavia which will establish the region as a significant global plant biologicals hub

The network aims to:

- promote awareness and knowledge exchange on research, innovation and regulations of plant biologicals
- improve agricultural production practice
- stimulate new business opportunities
- increase education on plant biologicals
- contribute to solve societal challenges in relation to agricultural production and the environment

Plant Biologicals

	Macrobials	Microbials	Biologically
Bioestimulants		○	○
Biocontrol agents	○	○	
Inducers of resistance		○	○
Biofertilizers		○	

Members:



Website: www.plantbiologicals.dk



About 20 participants representing SLU, Swedish Board of Agriculture, Swedish Chemicals Agency, Swedish Forest Agency, SLU Holding, SLU CBC, The Forestry Research Institute of Sweden, RICE, LRF, Rural Economy and Agricultural Societies, LMI, Gullviks

Ideas for the future

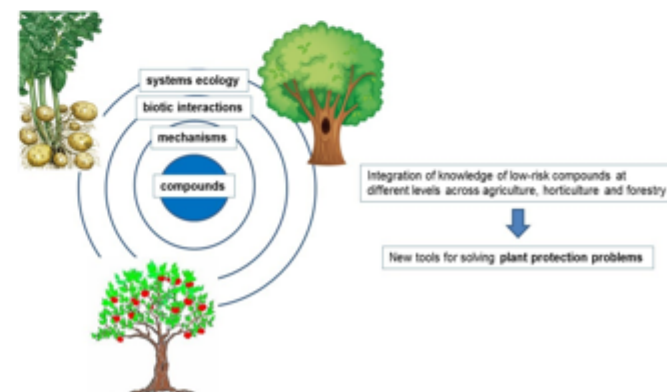
Focus group on low risk compounds in plant protection

Limitations for use and implementation of low risk compounds

- EU legislation complex and high costs for approval of products, leading to insufficient access to low risk products
- High prices due to unfavorable tax rules
- Lack of knowledge how effective products are, how to best apply them and how to integrate in existing plant protection strategies
- Attitudes and values of users

Possible solutions for the future

- Resources for approval of products and a change of tax rules



In the focus group our aim has been to define knowledge

Workshop on BIOLOGICALS FOR AFRICAN AGRICULTURE, Pretoria 10-11 October 2019



Plant Health, Agriculture & Bioscience Conference

9-11 September 2020

The Hague, Netherlands

Scientific Session:

A biologicals network for African Agriculture

Friday 11 September 10:30-12:00

Tewodros Mulugeta, Ethiopia

Lerato Matsaunyane, South Africa

Ivan Rwomushana, Kenya

Roma Gwynn, UK

Webinar questions, homepage and evaluation

Questions after the presentations – but use the comment field already now

Many useful links @ <https://www.plantlink.se/healthier-plants-with-the-help-of-biologicals/>

Course evaluation



Tina
D'Hertefeldt,
Lund
University



LUNDS
UNIVERSITET

Program

- 14:30 Welcome, Erik Alexandersson
- 14:35 Jean Yong (SLU) "**The Fascinating World of Biostimulants**"
- 14:50 Laura Grenville-Briggs (SLU) "**The disease fighting power of biologicals**"
- 15:05 Ivan Rwomushana (CABI) "**How enabling policy can facilitate uptake of biologicals: The EAC harmonization process**"
- 15:20 Lerato Matsaunyane (ARC South Africa) "**The use of biologicals: The window to sustainable production for smallholder farmers**"
- 15:35 Open discussion - online comments welcome!
- 15:55 End