

# IIRB WORKSHOP 2019

## 'Growing sugar beet without neonicotinoid seed treatments'

**8 March 2019**

**Faculty Club, Groot Begijnhof 14,  
B – 3000 Leuven**



INTERNATIONAL INSTITUTE  
OF SUGAR BEET RESEARCH

# PROGRAMME

## Growing sugar beet without neonicotinoid seed treatments

8.15 am **Mark Stevens** (BBRO): Consequences and implications of growing sugar beet without neonicotinoid seed treatments

## I. Alternative control of soil pests, leaf miners and virus-carrying aphids

8.40 am **Rob van Tol** (Wageningen University & Research): Combating pest insects in the soil with root-colonizing insecticidal fungi

9.00 am **Hermann Strasser** (Univ. of Innsbruck): Exploiting synergies to improve the impact of entomopathogenic fungi to control invertebrate pests

9.20 am **Mario Schumann** (KWS): An attract & kill approach for the management of soil pests in arable crops

9.40 am **Jørgen Eilenberg** (Univ. of Copenhagen): Insect pathogens: still many promising agents to be discovered

10.00 - 10.30 am *Coffee break*

10.30 am **Richard Harrington** (Rothamsted Research): Monitoring of aphid populations as a basis for effective control

10.50 am **Paul van Rijn** (Univ. of Amsterdam): Natural control of aphids in arable crops and its support by flower strips and landscape measures

11.10 am **Frédéric Francis** (Liège Université, Gembloux Agro-Bio Tech): Complementary strategies to control aphids by modifying feeding and dispersion behaviours

11.30 am **Véronique Brault** (INRA): Specific disruption of virus transmission by silencing genes in aphids

- 11.50 am **Felix Wäckers** (Biobest):  
Biological control and sugar beet:  
natural allies
- 12.10 pm **Roger Boer** (Koppert Biological Systems):  
The use of natural enemies and insect  
pathogenic fungicides in open field  
crops in Brazil
- 12.30 - 1.30 pm *Lunch break*

## **II. Resistance Breeding**

- 1.30 pm **Lucy James** (ADAS):  
A novel pre-breeding strategy to reduce  
dependence on insecticides for virus  
yellows control in sugar beet
- 1.50 pm **Werner Beyer** (KWS):  
Sugar beet breeding for a world without  
neonicotinoids

## **III. Chemical alternatives**

- 2.10 pm **Friedrich Kempl** (AGRANA Zucker GmbH):  
Active ingredients available for use  
against insect pests in sugar beet –  
a European overview
- 2.30 pm **Torsten Block** (Syngenta):  
Chemical alternatives for sugar beet  
pest control and insecticide resistance
- 2.50 - 3.15 pm *Coffee break*
- 3.15 pm **Panel discussion** with speakers  
Chairs: Mark Stevens (BBRO),  
Elma Raaijmakers (IRS),  
Mark Varrelmann (IfZ)
- 4 pm End of the workshop

## **Venue**

Faculty Club  
Groot Begijnhof 14  
B – 3000 Leuven

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