

## Program - Event 1 - Biocidal plants

### Presentation

### Authors

### Link to Youtube

<b>Keynote:</b> Crop production systems with reduced pesticide inputs: The role of biofumigation in sustainable pest, weed and disease management (01)	<b>Back M.</b> , Harper Adams University, Newport, United Kingdom	<a href="https://youtu.be/90WgqFtKp2l">https://youtu.be/90WgqFtKp2l</a>
Agronomical and biochemical characterization of some <i>Camelina</i> spp. accessions (03)	<b>Matteo R. et al.</b> , CREA-Research centre of cereal and industrial crops, Bologna, Italy	<a href="https://youtu.be/cOQFTctLfAM">https://youtu.be/cOQFTctLfAM</a>
From the lab to the field: what we have learned in twenty years (04)	<b>Gies D.</b> , High Performance Seeds, Moses Lake, USA	<a href="https://youtu.be/0w7wsXJ9fUo">https://youtu.be/0w7wsXJ9fUo</a>
<i>Brassicaceae</i> selection for Biofumigation purposes (05)	<b>Montanari M. et al.</b> , CREA, Bologna, Italy	<a href="https://youtu.be/6OWFR2AE0EE">https://youtu.be/6OWFR2AE0EE</a>
<b>Keynote:</b> New tools and new application sectors for biofumigant cropping system (06)	<b>Lazzeri L. et al.</b> , CREA - Research centre of cereal and industrial crops, Bologna, Italy	<a href="https://youtu.be/hH7VdLUE3XE">https://youtu.be/hH7VdLUE3XE</a>
Improving soil condition and yields using biofumigation across high value annual and perennial horticultural crops in Tasmania (07)	<b>Finningan J.</b> , Australia EE Muir and Sons Pty Ltd, trading as Serve-Ag, Longford, Australia	<a href="https://youtu.be/TSIX0vnaqgY">https://youtu.be/TSIX0vnaqgY</a>
Recent developments of the use of biofumigation for the control of soilborne diseases in Italy (08)	<b>Infantino A. et al.</b> , CREA, Roma, Italy	<a href="https://youtu.be/Aaiv9iYBBjs">https://youtu.be/Aaiv9iYBBjs</a>
Isothiocyanates associated with <i>Brassica</i> species impedes the survival and foraging activity of the stem nematodes <i>Ditylenchus gigas</i> and <i>D. dipsa</i> (09)	<b>Musa N. B. et al.</b> , Harper Adams University, Newport, United Kingdom	May be published later.
On-Farm assessment of biofumigation and reduced tillage for soil-borne disease mitigation and soil health improvement in New York State, USA (10)	<b>O'Dea J.K. et al.</b> , Washington State University, Vancouver, United States of America	<a href="https://youtu.be/gDGTCL33kxw">https://youtu.be/gDGTCL33kxw</a>
Horticultural crop health and yield and greenhouse soil conditions after 16 years of repeated treatments of biofumigation and solarization (11)	<b>Mitidieri M. et al.</b> , Universidad Nacional de Rosario, Instituto Nacional de Tecnología Agropecuaria, San Pedro, Argentina	<a href="https://youtu.be/sM436c_5JCM">https://youtu.be/sM436c_5JCM</a>
Biofumigant cover crops - a promising strategy for soil and disease management in southeast Queensland (12)	<b>Duff J. et al.</b> , Department of Agriculture and Fisheries, Queensland, Gatton, Australia	<a href="https://youtu.be/hlk19PnRjSw">https://youtu.be/hlk19PnRjSw</a>
<i>Origanum vulgare</i> vapour primes defence mechanisms in grapevine ( <i>Vitis vinifera</i> ) and hinders <i>Plasmopara viticola</i> infection (13)	<b>Rienth M. et al.</b> , Changins, haute école de viticulture et œnologie, Nyon, Switzerland	<a href="https://youtu.be/GC12ShCcJBY">https://youtu.be/GC12ShCcJBY</a>
Biofumigation as a tool for a holistic approach to integrated wireworm population management (14)	<b>Furlan L. et al.</b> , Veneto Agricoltura, Settore Ricerca Agraria, Legnaro, Italy	<a href="https://youtu.be/NXUfDQpi3qo">https://youtu.be/NXUfDQpi3qo</a>
Use of biofumigant seeds meal in liquid formulation to improve the soil fertility and to limit the symptoms of mortality in kiwifruit plants (15)	<b>Mosso F. et al.</b> , Agristore Srl, Nutrien SpA, CREA CI, Italy	<a href="https://youtu.be/aGJsEwL-23g">https://youtu.be/aGJsEwL-23g</a>

## Program - Event 2 - Non-biocidal plants

<b>Keynote:</b> Use of rotations, cover crops, and green manures for disease suppression in potato cropping system (16)	<b>Larkin R.</b> , USDA-ARS, Orono, United States of America	<a href="https://youtu.be/_orhS27pPNg">https://youtu.be/_orhS27pPNg</a>
<b>Keynote:</b> Multi-service cover crops: towards a new paradigm for biocontrol and soil fertility enhancement (17)	<b>Couëdel A., Justes E. et al.</b> , CIRAD, Montpellier, France	<a href="https://youtu.be/FLf59R0IBu0">https://youtu.be/FLf59R0IBu0</a>
<b>Keynote:</b> Breeding of green manures and cover crops: Biofumigation, resistance, biocontrol and organic matter (20)	<b>Schlathöfer M.</b> , P. H. Petersen Saatzucht Lundsgaard GmbH, Grundhof, Germany	<a href="https://youtu.be/fmmqfopiBGE">https://youtu.be/fmmqfopiBGE</a>
Use of Marigolds ( <i>Tagetes</i> spp.) as cover crop for the control of tomato root knot nematodes ( <i>Meloidogyne</i> spp.) in Morocco (21)	<b>Besri M.</b> , Institut Agronomique et Vétérinaire Hassan II, Rabat, Morocco	<a href="https://youtu.be/JehyammWzA">https://youtu.be/JehyammWzA</a>
Novel microbial-based bioproducts improving soil biodiversity and the effectiveness of biocontrol and biofertilization practices in horticulture (24)	<b>Mocali S. et al.</b> , CREA - AA, Firenze, Italy	<a href="https://youtu.be/BKZ2CU3ehno">https://youtu.be/BKZ2CU3ehno</a>
Plant-derived sources for anaerobic soil disinfestation in Southern California (25)	<b>O. Dugovish et al.</b> , University of California, Santa Cruz, USA	<a href="https://youtu.be/XNJBGUw7xKg">https://youtu.be/XNJBGUw7xKg</a>