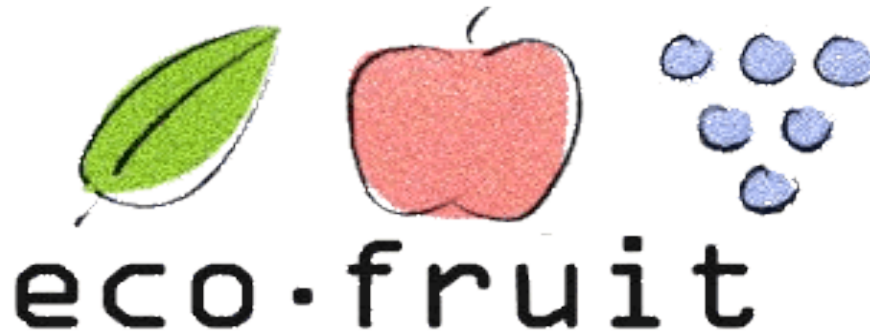


Programme



20th International Conference on Organic Fruit-Growing

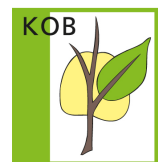
Online, February 21 to 23, 2022

Patronage: IFOAM ORGANICS EUROPE



Baden-Württemberg

MINISTERIUM FÜR LÄNDLICHEN RAUM
UND VERBRAUCHERSCHUTZ



KOMPETENZZENTRUM
OBSTBAU-BODENSEE



UNIVERSITY OF
HOHENHEIM



Versuchszentrum
Centro di Sperimentazione
Research Centre

NATURE & SCIENCE: HAND IN HAND



State Institute for Viticulture,
Oenology and Fruit Technology
Weinsberg/Germany

Monday, 21th February 2022

8:30 – 09:00 Login and welcome, technical informations

09:00 – 09:30 **Welcome addresses**
Prof. Dr. Stephan Dabbert, President of the University of Hohenheim
Prof. Dr. Ralf Voegelé, Dean of the University of Hohenheim
Peter Hauk, Minister for Food, Rural Affairs and Consumer Protection
Baden-Wuerttemberg
Mathilde Carmels, IFOAM Organics Europe
Nikolaus Glocker, FOEKO e.V

Session Breeding and Performance of Pome Fruit Varieties

Chair B. Pfeiffer Chat Franz Ruess

09:30 – 09:45 Conclusions from 38 years apple breeding at Agroscope in Wädenswil
Markus Kellerhals, Agroscope (CH)

09:45 – 10:00 Reintroduction of old local scab-resistant/tolerant varieties in organic
orchards in Italy
Claudio Buscaroli, Centro Ricerche Produzion Vegetali (I)

10:00 – 10:05 Testing apple and pear cultivars for organic production in Denmark
Hanne Lindhard-Pedersen, HortiAdvice (DK)

10:05 – 10:10 On farm testing of organic apple and pear cultivars in Denmark
Hanne Lindhard-Pedersen, HortiAdvice (DK)

10:10 – 10:25 Advantages of the rootstock CG 11 for the cultivar 'Natyra'® at the
LVWO Weinsberg (site with moderate rainfall)
Barbara Pfeiffer, LVWO Weinsberg (D)

10:25 – 11:50 Discussion

10:50 – 11:05 Break

Session Soil Management

Chair Eligio Malusa Chat Jutta Kienzle

11:05 – 11:20 The influence of organic fertilizers on nutrient balance, yield, soil
nutrient and organic matter - results of a 10-year field study
Immanuel Schunk, Uni of Applied Science, Erfurt (D)

11:20 – 11:35 Exploitation of pre-, pro- and postbiotics for organic fruit productions:
hopes and reality
Eligio Malusa, RIH Skiernewice (PL)

11:35 – 11:50 DOMINO – Synthesis of Soil Management Strategies Integrating Plant
and Waste Based Alternative Fertilizers
Sabine Zikeli, Uni Hohenheim (D)

11:50 – 12:05 Nutrient budgets and new fertilisation strategies in organic apple
cultivation
Birgit Lepp, Uni Hohenheim (D)

Monday, 21th February 2022

- 12:05 – 12:10 N supply by row and inter row management with legume intercrops in an apple orchard
Birgit Lepp, Uni Hohenheim (D)
- 12:10 – 12:15 Inter row management and its role in fertilisation strategies in organic apple cultivation on farms in South-West Germany
Birgit Lepp, Uni Hohenheim (D)
- 12:15 – 12:30 DOMINO – Combining herbaceous species with perennial crops to make organic fruit production systems more resilient
Maria-Martha Fernandez, CTIFL Prignonieux (F)
- 12:30 – 12:35 Effect of living mulches on soil biodiversity in an organic apple orchard
Ewa Furmanczyk, The National Institute of Horticultural Research (PL)
- 12:35 – 13:00 Discussion
- 13:00 – 14:00 Lunch break

Workshop Session

- 14:00 – 15:30 Workshop “The Role of Organic Fruit Growing in the Green Deal, the Farm to Fork Strategy and in the Organic Action Plan”
With contributions of Andrew Owen-Griffiths (DG SANTE, EU Commission), Bas Drukker (DG AGRI, EU Commission, tbc) moderated by Mathilde Calmels (IFOAM Organics Europe).
- 15:30 – 15:45 Break
- 15:45 – 17:00 Workshop “Plant Reproductive Material for Organic Fruit – New Rules & High Hurdles”
With contributions of Francois Warlop (GRAB), Patrizia Pitton (EU Commission) and fruit tree producers (tbd), moderated by Martin Sommer (IFOAM Organics Europe).

Tuesday, 22th February 2022

- 08:15 – 08.30 Login and welcome, technical informations

Session Disease Management

Chair Sascha Buchleither Chat

- 08:30 – 08:35 Neu 1143F – Results of a joint venture project
Bastian Benduhn, OEON e.V. Jork (D)
- 08:35 – 08:40 Is the pelargonic acid an alternative to copper and lime sulphur for the regulation of apple scab in organic apple production?
Markus Kelderer, Laimburg Research Centre (I)
- 08:40 – 08:45 Testing the efficacy of biological plant protection products for the control of primary scab
Clara Horvath, Land Tirol (I)

Tuesday, 22th February 2022

- 08:55 – 09:10 Susceptability of scab resistant varieties to apple scab, sooty blotch and *Marssonina coronaria*
Sascha Buchleither, KOB Bavendorf (D)
- 09:10 – 09:25 Discussion
- 09:25 – 09:30 Evaluation of the resistance of apple cultivars to *Diplocarpon coronariae* for the cultivation in meadow orchards
Sophie Richter, JKI Dresden (D)
- 09:30 – 9:45 A winner of the climate change: Black rot cankers on pome trees in Southern Germany
Julia Zugschwert, LTZ Augustenberg (D)
- 09:45 – 9:55 Discussion
- 9:55 – 10:10 Injector nozzles in organic apple growing - trials at the Laimburg Research Centre
Markus Kelderer, Laimburg Research Centre (I)
- 10:10 – 10: 20 Discussion
- 10:20 – 10:50 Break

Session Sheltered Production

Chair Markus Kelderer, Chat Sascha Buchleither

- 10:50 – 11:05 Final results after 5 years testing of different rain-roof-covering-systems in organic apple production
Anne Bohr, KOB Bavendorf (D)
- 11:05 – 11:20 Four-year experiences with exclusion netting row covers in an organic apple orchard: handling, relevant pests and diseases
Matthias Schluchter, KOB Bavendorf (D)
- 11:20 – 11:35 Testing the effect of a rainproof protection net on the apple production regarding disease and pest damages
Clemence Boutry, FIBL Frick (CH)
- 11:35 – 12:00 Discussion
- 12:00 – 13:00 Lunch break

Session Enhancement of Biodiversity

Chair Hanne Lindhard Chat Gerjan Brouwer

- 13:00 – 13:15 Effects of biodiversity measures on insects, birds, and vegetation in organic apple orchards in Germany
Jutta Kienzle and Gulmira Esenova, Uni Hohenheim (D)
- 13:15 – 13:20 Fruit trees can also provide ecosystemic service in agroforestry systems
Francois Warlop, GRAB (F)
- 13:20 – 13:35 Perception of the potential ecosystem services derived from the introduction of innovative practices of organic orchard management
Patrizia Borsotto, CREA (I)
- 13:35 – 13:50 Discussion

Tuesday, 22th February 2022

13:50 – 14:00 Introduction to the Poster Presentation Session
How to use the conference tool for the poster presentation

14:00 – 15:50 Poster Presentation

Session Organic Fruit Growing in Europe: First Results of the Project BioFruitNet

Chair Marco Schlüter Chat Michael Friedli

15:50 – 16:00 Technical needs in organic fruit growing in Europe: results of BIOFRUITNET' survey needs in organic fruit growing
Claude-Eric Parveaud, GRAB (F)

16:00 – 16:05 Main Research Needs in Organic Pome Fruit Growing: Results from Participatory Research Survey
Jutta Kienzle, Naturland e.V. (D)

16:05 – 16.15 Discussion

16:15 – 16:20 European Knowledge Networks in Organic Fruit Production
Eligio Malusa, RIH Skiernewice (PL)

16:20 – 16:30 What fruitgrowers expect from an European network
Peter Rolker, European Biofruit Forum EBF

16:30 – 16:45 Situation in the United States
William Walker, USDA-ARS, Wapato (US)

16:45 – 17:00 Discussion

Discussion about the Intensification of Further Networking in Europe and with USA

Chair: Jutta Kienzle Chat: Eligio Malusa

17:00 – 18:00 Discussion

Wednesday, 23th February 2022

08:45 – 09:00 Login and welcome, technical informations

Session Strategies for Pest Control in Pome Fruit (includes a break)

Chair Jutta Kienzle Chat Peter Triloff

09:00 – 09:15 Monitoring and mapping invasive insect species: results of the project ProgRAMM
Olaf Zimmermann, LTZ Augustenberg (D)

09:15 – 09:30 BC-InStink – invasive stink bugs in fruit crops
Christine Dieckhoff, LTZ Augustenberg

09:30 – 09:45 Approaches for a control strategy and biology of *Pentatoma rufipes* L. in organic fruit growing in Southern Germany
Hamdow Al karrat, Uni Hohenheim (D)

09:45 – 09:50 Efficiency of parasitoids and predators of *Halyomorpha halys* and other Pentatomidae in Bavaria
Tobias Lederer, Bayrische Landesanstalt für Landwirtschaft (D)

9:50 – 10:10 Discussion

Wednesday, 23th February 2022

- 10:10 – 10:25 Control of the spotted leaf miner *Leucoptera scitella* L. in organic fruit growing in Germany
Hamdow Al karrat, Uni Hohenheim (D)
- 10:25 – 10:40 Virulence management of codling moth resistance to *Cydia pomonella* granulovirus (CpGV) in organic fruit growing in Germany
Johannes Jehle, JKI Darmstadt (D)
- 10:40 – 10:45 Apple-rosy apple aphid interaction: cultivar impact
Renske Petre, PC-Fruit (B)
- 10:45 – 11:10 Discussion
- 11:10 – 11:30 Break

Session Fruit Quality of Dried Organic Pome Fruit

Chair Barbara Pfeiffer, Chat Jutta Kienzle

- 11:30 – 11:45 Organic and conventional Apple Varieties Cultivated in Albania, a Comparison of Quality characteristics based on variety, region and cultivation and influence of drying
Luziana Hoxha, Agricultural University of Tirana (AL)
- 11:45 – 11:55 Discussion

Session Stone Fruit

Chair Francois Warlop, Chat Barbara Pfeiffer

- 11:55 – 12:10 Selection of appropriate genitors for organic peach breeding in Austria
Andreas Spornberger, Univers. of Natural Resources and Life Sc. (A)
- 12:10 – 12:15 Autumn kaolin treatments and early spring oil treatments against *Myzus cerasi* in Sweet cherries
Fabian Cahenzli, FibL (CH)
- 12:15 – 12:25 Discussion

Session Small Fruit

Chair Barbara Pfeiffer, Chat Andreas Spornberger

- 12:25 – 12:30 Health promoting compounds in organic currant and gooseberry
Radek Vávra, Research and Breeding Institute of Pomology Hořice (CZ)
- 12:30 – 12:35 Ascorbic acid and Vitamin C analysis in organic currant and gooseberry
Radek Vávra, Research and Breeding Institute of Pomology Hořice (CZ)
- 12:35 – 12:50 Testing of strawberry-cultivars under organic growing conditions
Barbara Pfeiffer, LVWO Weinsberg (D)
- 12:50 – 13:00 Discussion
- 13:00 End of Conference

Poster presented in Poster Presentation

Tuesday, 22th February 2022, 14:00 – 15:50 -

- 1 Testing apple and pear cultivars for organic production in Denmark
Presented by Hanne Lindhard-Pedersen, HortiAdvice (DK)
- 2 On farm testing of organic apple and pear cultivars in Denmark
Presented by Hanne Lindhard-Pedersen, HortiAdvice (DK)
- 3 N supply by row and inter row management with legume intercrops in an apple orchard
Presented by Birgit Lepp, Uni Hohenheim (D)
- 4 Inter row management and its role in fertilisation strategies in organic apple cultivation on farms in South-West Germany
Presented by Birgit Lepp, Uni Hohenheim (D)
- 5 Testing the efficacy of biological plant protection products for the control of primary scab
Presented by Clara Horvath, Land Tirol (I)
- 6 Evaluation of the resistance of apple cultivars to *Diplocarpon coronariae* for the cultivation in meadow orchards
Sophie Richter, JKI Dresden (D)
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