

Monday, 20nd February 2012

10.00 – 10.30 **Welcome addresses**

Pome Fruit: Varieties and strategies for breeding

10.30 – 10.50 Breeding apples to withstand infection pressure by fire blight and other diseases
I. Baumgartner, Agroscope Wädenswil (CH)

Evaluation of Polish scab-resistant apple cultivars in organic orchard
Dorota Ewa Kruczynska, HRI Skierniewice, (PL)

10.50 – 11.15 Discussion

Scab control: Strategies to reduce the inoculum

11.15– 11.40 Effect on abundance of important pome fruit pests and diseases by mixing four apple varieties in one orchard
B. Benduhn, OEON e.V. Jork (D)

Differences in leaf litter, ascospore production and infection of pear scab (*Venturia pirina*) in Dutch organic orchards.
B. Timmermann, Louis Bolk Institute (NL)

Application of Beetroot Vinasse: Influence on Foliage Decomposition and Ascospore Potential on Remaining Leaf Material
A. Bohr, KOB Bavendorf (D)

Efficacy of alternative substances for reduction of ascospore potential of apple scab by leaf litter treatment
N. Nietsch, JKI Dossenheim (D)

Strategic irrigation against Apple scab
M. Korsgaard, University of Copenhagen, Agreco, LIFE (DK)

11.40 – 12.00 Discussion

12.00 – 13.45 Lunch break

Scab control: Strategies for direct scab control

- 13.45 – 15.40 Apple scab: Experiences from 2009 to 2011 in Trentino
L. Mattedi, ISMAA S. Michele (I)
- Strategy to reduce or substitute the use of copper for control of apple scab in organic fruit growing
S. Kunz, University of Konstanz (D)
- Potassium bicarbonate: a conceivable alternative control measure towards scab on pome fruits
W. van Hemelrijck, Proefcentrum Fruitteelt vzw, 3800 Sint-Truiden (BE)
- Evaluation of products suitable for scab (*Venturia inaequalis* (Cke.) Wint.) control in organic fruit production and implementation of sea algae based product
R. Milling, Agronaturalis Ltd. Manchester (UK)
- Evaluation of products suitable for scab (*Venturia inaequalis* (Cke.) Wint.) control in organic fruit production and implementation of sea algae based product Algisure to the IP scab control in Czech Republic.
M. Bagar, Biocont Laboratory (CZ)
- 14.40 – 15.00 Discussion

Strategies for sooty blotch control

- 15.00– 15.30 Pest status of the sooty blotch and flyspeck complex in Asturian (NW Spain) apple orchards
Enrique Dapena della Fuente, Serida, Villaviciosa (SP)
- The influence of humidity on the disease development of sooty blotch
S. Buchleither, KOB Bavendorf (D)
- 15.30– 15.45 Discussion
- 15.45 – 16.15 Coffee break

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Strategies for the control of storage diseases

- 16.15 – 16.35 Traditional 'organic' fungicides and their efficacy against *Alternaria mali* in field trials
M. Kelderer, VZ Laimburg (I)
- Penicillium decay on stored apple fruits after microbiological treatments
Jolanta Kowalska, NRI Poznan (PL)
- 16.35 – 16.45 Discussion

Strategies for disease control

- 16.45 – 17.00 Improving control strategies of pear rust (*Gymnosporangium sabinae*) in organic farming
M. Filippi, BoKu Vienna (AU)
- 17.00 – 17.05 Discussion

Strategies to induce resistance

- 17.05 – 17.35 QPFD, an innovative device for screening and evaluating plant elicitors
M.N. Brisset, INRA (F, invited speaker requested)
- 17.35 – 17.50 Discussion

Application technique

- 17.50 – 18.10 Advantages from Canopy Related Spray Application in Organic Top Fruit Production
P. Triloff, MaBo Friedrichshafen (D)
- Droplet spectrum of different overhead sprinklers, which are used for scab stop treatments in organic apple orchards
M. Kelderer, VZ Laimburg
- 18.10 – 18.20 Discussion
- After 18.20 Assembly of IFOAM EU Specialist Group Organic Fruit Growing
- 20.00 Conference Dinner

Strategies for Codling Moth Control

- 8.30 – 9.35 Degradation behaviour of the bio-insecticide Spinosad under alpine climate conditions.
S. Cavanna, VZ Laimburg (I)
- Trichogramma evanescens*: A new *Trichogramma* species for codling moth control: Potential with different application systems
J. Kienzle, Kernen (D)
- Effect of tank mixtures with other products on the efficacy of Codling Moth Granulovirus (CpGV)
E. Fritsch/K. Undorf-Spahn, JKI Darmstadt (D)
- Potential for predation and parasitism of codling moth eggs in Southern France
G. Lebourel, GRAB (F)
- Use of nectar resources by *Asocgaster quadridentata* WESMAEL (Hymenoptera, Braconidae), an important egg-larval parasitoid of the codling moth: first evidence from laboratory studies
A. Herz, JKI Darmstadt (D)
- Efficacy of different oil treatments to control clothing moths
M. Kelderer, VZ Laimburg (I)
- Side effects of pesticides on *Forficula auricularia* and *Chrysopa perla*
V. Falta, Crop Research Institute Prague (CZ)
- 9.35 – 9.50 Discussion
- 9.50 – 10.20 Coffee break

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Sustainability: Organic fruit growing and Nature conservation

- 10.20 – 10.30 Bird protection in the State Research Station for fruit growing Heuchlingen
P: Epp; LTZ Augustenberg (D)
- First experiences with the implementation of a nature conservation advisory service for organic fruit growing in Baden Wuerttemberg
J. Kienzle/A. Krismann. (D)
- 10.30 – 10.45 Discussion

Sustainability: Systems for further development of organic fruit growing

- 10.45 – 11.15 Self evaluation for fruit growers: a cooperation project among growers, extension and research
E. Bravin, Agroscope Wädenswil (CH)
- Improvement of organic fruit growing in Germany in collaboration of growers, extension and research: The Working system
J. Kienzle, Foeko (D)
- 11.15– 11.30 Discussion

Sustainability: Improvement of plant growth by compost and microorganisms

- 11.30 – 11.55 The Effect of vermicompost as organic fertilizer on growth and yield of cucumber and tomato
A. Dursun, ATATURK UNIVERSITY, Erzurum (TK)
- Effect of bioproducts on root growth and the occurrence of arbuscular mycorrhizal fungi in the rhizosphere of strawberry plants cv. Elsanta and Elkat in field conditions
L. Sas Paszt, RIH Skierniewice (PL)
- Effect of composts based on brown coal on the growth of roots of strawberry plants cv. 'Elsanta' and their colonization by arbuscular mycorrhizal fungi
L. Sas Paszt, RIH Skierniewice (PL)
- Distinguishing species of arbuscular mycorrhizal fungi colonizing the soil in the rootzone of fruit plants using the nested PCR-RFLP-technique
L. Sas Paszt, RIH Skierniewice (PL)
- The collection of beneficial soil microorganisms held in the SYMBIO BANK
L. Sas Paszt, RIH Skierniewice (PL)
- 11.55 – 12.10 Discussion

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12.10 – 14.00 Lunch break

14.00 – 15.15 Poster presentation

15.15 – 16.45 , Workshops

Crop load regulation

16.45 – 17.10 Crop regulation on different apple varieties with transpiration inhibitors and with single row netting structures and their influence on crop quality
M. Kelderer, VZ Laimburg (I)

Successful fruit thinning with Armicarb® (potassium-bi-carbonate) for organic apple production: experimental results over 3 years with 8 cultivars
F. Weibel, FIBL (CH)

Comparison of different crop regulation methods for organic grown apples
S. Sinatsch, LVWO Weinsberg (D)

17.10 – 17.25 Discussion

Strategies for fire blight control

17.25 – 18.25 Cultivar Testing, Pathogenesis and Quantitative Distinction of Live and Dead Cells of *E. amylovora*
M. Joos, University of Hohenheim (D)

Photo-optical, non-invasive detection of the fire blight pathogen *E. amylovora*
A. Hummrich, University of Hohenheim (D)

Establishing a Methodology for the Quantitative Differentiation of Live and Dead Cells of *Erwinia amylovora* in Plant Samples
R. T. Voegelé, University of Hohenheim

Summary of an eight year research project on fire blight control
S. Kunz, University of Konstanz (D)

18.25 – 18.40 Discussion

19.00 Dinner

Stone fruit: Strategies for the Control of the Cherry Fruit Fly

- 8.30 -9.05 Controlling cherry fruit fly under organic farming : latest advances in France
F. Warlop, GARB (F)
- Promising field and semi field results for cherry fruit fly control using Neem
E. Boeckmann, JKI Dossenheim
- Investigation on adulticides bait (SPINTOR-FLY®) for the control of the cherry fruit fly in Emilia Romagna (North Italy) in 2010-2011
S. Caruso, CFP Modena (I)
- 9.05 – 9.20 Discussion

Stone fruit: Strategies for the Control of Drosophila

- 9.20 – 9.45 *Drosophila suzukii*, a revolution for soft fruits in Trentino
A. Grassi, Edmund-Mach Foundation, San Michele (I)
- 9.45 – 10.15 Coffee break

Stone fruit: Strategies for the Control of fruit damaging Tortricid species

- 10.15 – 10.40 Madex Twin, a new *Cydia pomonella* granulovirus isolate for the control of both codling moth *Cydia pomonella* and oriental fruit moth *Grapholita molesta*
D. Zingg, Andermatt Biocontrol AG (CH)
- Regulation of plum moth (*Cydia funebrana*) with *Cydia pomonella* granulovirus (CpGV) in organic plum orchards - first results
G. Schmückle-Tränkle, LVWO Weinsberg (D)
- Persistence of the entomopathogenic fungi *Metarhizium anisopliae* and *Isaria fumosorosea* under semi-field conditions
D. Stephan, JKI Darmstadt (D)
- 10.40 – 10.50 Discussion

Stone fruit: Variety testing and disease control

- 10.50 – 12.00 Control of Brown rot (*Monilinia laxa*) on apricots: preliminary results
V. Psota, Biocont Laboratory (CZ)
- Resistance of apricot genotypes to brown fruit rots (*Monilinia* spp.) after artificial infections
R. Vavra, Holovousy (CZ)
- The suitability of stone fruit species and cultivars for organic fruit production in Poland
E. Rozpara, Agnieszka Głowacka, Instytut Ogrodnictwa (PL)
- Assessment of diseases susceptibility and fruit quality of 38 peach cultivars: results synthesis and methodological considerations
C.E. Parveaud, GRAB (F)
- Susceptibility to *Monilia* sp. and apricot leaf rust of 16 cultivars
C.E. Parveaud, GRAB (F)
- Behaviour of apricot cultivars on rootstocks Krymsk 1, Krymsk 2, MRS 2/5 and apricot seedling
R. Vavra, Holovousy (CZ)
- New results from testing of different Sour cherry cultivars under organic cultivation
B. Pfeiffer, LVWO Weinsberg (D)

12.05 – 12.15 Discussion

Stone fruit: Improving production

- 12.15 – 12.35 Improving Organic Production of Plums (*Prunus domestica*) in Austria
A. Spornberger, BOKU Vienna (AU)
- Impact of flower and fruit thinning methods on Yield, Diseases and Fruit Quality of Sweet Cherries (*Prunus avium*) under Organic Growing conditions
A. Spornberger, BOKU Vienna (AU)
- 12.35 – 12.45 Discussion
- 12.45 – 14.15 Lunch break

Small fruit: Varieties of currants

- 14.15 – 14.30 Best yielding black and red currant cultivars in Denmark
H. Lindhard, HortiAdvice Scandinavia A/S (DK)
- 14.30 – 14.35 Discussion

Small fruit: Varieties of strawberries

- 14.35 - 15.00. Breeding of resistant strawberry cultivars for organic fruit production – Diallel crossing strategies and resistance tests for *Botrytis cinerea* and *Xanthomonas fragariae*
M. Bestfleisch, JKI Dresden (D)
- Studies on Biodiversity of *Fragaria vesca* L
P: Scheewes, Dresden (D)
- The assessment of allergenicity risk of selected strawberry cultivars on the guinea pig model.
M. Jasinska, Medical University of Lodz, Department of Biopharmacy, Lodz (PL)
- 15.00 -15.15 Discussion

Small fruit: Strategies for control of pests and diseases in strawberries

- 15.15 – 15.35 Dispersal of *Aureobasidium pullulans* by pollinating insects to control botrytis
A. Weiss, Bio Protect, Konstanz (D)
- Anthonomus rubi* (Strawberry blossom weevil): covering as a control possibility in the late strawberry variety Malwina in the first year
C. Steen, Bioland (D)
- Influence of antagonistic micro-organisms on the growth of strawberry plants in the presence of *Verticillium dahliae* and *Phytophthora cactorum*
I. Bisutti, JKI Darmstadt (D)
- 15.35 – 15.45 Discussion

Wednesday, 22th February 2012

Small fruit: Strategies for production

- 15.50 – 16.00 Effect of brown coal-based composts produced with the use of white rot fungi on the growth and yield of strawberry plants
E. Malusa, Research Institute of Horticulture, Skierniewice (PL)
- Impact of supplementary plant preparations on yield of organic strawberries cv. Elkat and Symphony
S. Bocek, Mendel University, Brno (CZ)
- 16.00 – 16.10 Discussion

Organic Production in European Countries

- 16.10 – 16.20 Organic Horticultural Production Potential in Turkey
E. Yildirim, Ataturk University, Ezurum (TK)
- 16.20– 16.30 Resumee of the Conference

Posters without spotlight presentation will be cited in the definitive program.