Under the Patronage of His Excellency
Mr. Marek Sawicki
Minister of Agriculture and Rural Development

International Conference on
Innovative technologies
in organic horticultural production

Organized in the framework of the research project
EkoTechProdukt

23-24 October 2014, Skierniewice, Poland
Program of the Conference

Thursday October 23rd 2014
Research Institute of Horticulture
Main building of the Pomology Division, Pomologiczna str. 18

9.00 Registration

9.30 - 10.40 Opening Session
Chairman: Franciszek Adamicki

9.30 - 9.45 Welcome statements
Franciszek Adamicki (Director of the Research Institute of Horticulture – Poland)
Zofia Szalczyk (Under Secretary of State, Ministry of Agriculture and Rural Development – Poland)

9.45 - 10.05 Invited speaker: Andrzej Hałasiewicz (Permanent Representative of Poland to FAO – Italy): FAO activities for organic farming.

10.05 - 10.25 Invited speaker: Andre’ Leu (IFOAM World President – Australia): Organic Agriculture, innovation and food security in a changing world climate.

10.25 - 10.45 Lidia Sas-Paszt (EkoTechProdukt project leader - Research Institute of Horticulture – Poland): Project achievements - new products and technologies based on microorganisms for the organic fruit production.

10.45 - 13.00 I Session: Products and technologies for organic horticulture
Chairman: Franco Weibel


11.10 - 11.40 Coffee break


12.00 - 12.20 Ryszard Hołownicki (Research Institute of Horticulture – Poland): Application methods for bioproducts in organic fruit production.

12.20 - 12.30 Agnieszka Rutkowska (Institute of Soil Science and Plant Cultivation, State Research Institute – Poland): The rules on qualification of fertilizers and soil conditioners for organic production in Poland.

12.40 - 12.50 Kalaji Hazem Mohamed (Warsaw University of Life Sciences - Poland): “Spying” on products quality of organic farming by the use of Chlorophyll a fluorescence technique.

12.50 - 13.00 Discussion

13.00 - 14.00 Lunch Restaurant Finezja, Sienkiewicza str. 2

14.00 - 16.00 II Session: Plant protection in organic horticulture

Chairman: Marco Fontanelli


14.30 - 14.50 Jolanta Kowalska (Institute of Plant Protection, National Research Institute – Poland): Can microorganisms be useful in the protection of crops?


15.05 - 15.20 Cezary Tkaczuk (Siedlce University of Natural Sciences and Humanities – Poland): Potential of entomopathogenic fungi in biological control of insect and mite pests in organic horticultural production.

15.20 - 15.35 Barbara Łabanowska (Research Institute of Horticulture – Poland): Possibility to control the mites (Tetranychidae and Eriphyidae) on small fruits plants and in orchards with no chemicals products.


15.50 - 16.00 Discussion

16.00 - 16.15 Coffee break

16.15 - 17.00 Special session: Newly developed products

Chairman: Nikolay Vassilev

16.15 - 16.25 Selma Rogalska (Lallemand Care - France): New products based on microorganisms for the biological control of Botrytis cinerea and the growth promotion of horticultural plants.

16.25 - 16.35 Martin Bagar (Bioco Laboratory – Czech Republic): A plant resistance improver as a part of apple scab control in organic and integrated production.


16.45 - 16.55 Marcin Oleszczak (Kazgod – Poland): The search for new opportunities in the protection of horticultural plants.

16.55 - 17.00 Discussion
17.00 - 18.25  III Session:  
**Health effects and safety aspects of organic products**

**Chairman:** Claudia Marques dos Santos Cordovil

17.00 - 17.30  Invited lecture: Margit Laimer (University of Natural Resources and Life Sciences – Austria): Functional genomics of allergen gene families in fruits.

17.30 - 18.00  Dariusz Nowak (Medical University of Łódź - Poland): Effect of organic fruits on human metabolism and health.

18.00 - 18.15  Magdalena Jasińska-Stroschein (Medical University of Łódź - Poland): Assessment of allergenicity risk of selected fruits (apple, strawberry, sour cherry) using the experimental guinea pig model.

18.15 - 18.25  Discussion

**18.30 - 19.00  Poster session** - Reymonta str. 18, Training and Conference Centre

**Chairman:** Dariusz Nowak

19.30  Dinner – Restaurant Dworek, Józefa Piłsudskiego str. 24
Friday October 24th 2014

Research Institute of Horticulture

8.30 - 9.30 Poster session - Reymonta str. 18, Training and Conference Centre

Chairman: Dariusz Nowak

Main building of the Pomology Division, Pomologiczna str. 18

9.30 - 11.35 IV Session:
Quality and economics of organic products
Chairman: Margit Laimer

9.30 - 10.00 Invited lecture: Claudia Marques dos Santos Cordovil (University of Lisbon – Portugal): The role of organic farming in Portuguese agriculture: From where we stand to where we go.

10.00 - 10.20 Krzysztof P. Rutkowski (Research Institute of Horticulture – Poland): A comparison of quality of fruits produced under organic and integrated production.

10.20 - 10.40 Krzysztof Zmarlicki (Research Institute of Horticulture – Poland): Opportunities and challenges for the organic production of fruits in Poland.


10.55 - 11.10 Maciej Zalewski (Polish Academy of Sciences/University of Lodz – Poland): Integrative environmental science as a framework for development of organic horticulture, enhancement of ecosystem services and sustainable future.


11.25 - 11.35 Discussion

11.35 - 12.00 Coffee break

12.00 - 14.20 V Session:
Agrotechnical management of organic horticultural crops
Chairman: Andre Leu


12.30 - 12.50 Zygmunt Grzyb (Research Institute of Horticulture – Poland): Comparison of apple and sour cherry maidens fertilized with mineral and organic fertilizers in organic nursery.

12.50 - 13.10 Elżbieta Rozpara (Research Institute of Horticulture – Poland): The organic fruit production in Poland - chances and limitations.
13.10 - 13.25 Ewa Solarska (University of Life Sciences in Lublin - Poland): Biological agents enhancing soil fertility and plant resistance.

13.25 - 13.40 Grzegorz Doruchowski (Research Institute of Horticulture – Poland): Effect of the sprayer operating parameters on the survival rate of rhizobacteria used as biopesticides in organic fruit production.


13.55 - 14.10 Iwona Szot (University of Life Sciences in Lublin - Poland): Alternate thinning of apple with potassium bi-carbonate (Armicarb™) in organic orchards.

14.10 - 14.20 Discussion

14.20 - 14.45 Closing session:
   Summary and prizes awards
   Chairmen: Lidia Sas-Paszt and Eligio Malusà

14.45 - 15.45 Lunch - Restaurant Finezja, Sienkiewicza str. 2

16.00 - 17.00 Visit to the Institute premises (booking required)