

European Conference on Copper in Plant Protection

Invitation & Programme

Dynamic growth in organic acreage in many European countries means new challenges for farmers concerning plant health. By combining clever crop rotation systems, enhancement of functional biodiversity, selection of robust varieties and the application of natural substances against pests and diseases, organic farmers and growers strive to keep their plants healthy without having to rely on synthetic pesticides.

While there are various ways and strategies to lower the risk of being affected by diseases like apple scab, mildew or potato blight, copper-based formulations are almost the only tool to combat actual infections. At the same time, copper can may have negativ impacts on soil and water organisms, so EU member states are required to take action to minimize copper use.

To discuss innovative ways to keep plants healthy in organic and integrated plant protection, and to identify research and farm management options to further reduce the use of copper, BÖLW and Julius Kühn-Institut invite you to take part at the second

European Conference on Copper in Plant Protection

Nov 16th/17th, 2017

Julius Kühn-Institut, Königin-Louise-Str. 19, 14195 Berlin, Germany

We would like to invite farmers and growers, scientists, regulators, agricultural advisers and other people working with/on copper in a context of plant protection.

Contributions will be presented in English or German, translation services will be provided at the venue.

Part of the programme (see below) is a Conference Dinner at „Landgasthaus Dahlem“ restaurant close to the conference venue, offering organic and non-organic specialties. Please let us know with your registration if you wish to join us for this highlight!

We are looking forward to welcoming you in Berlin!

Registration: Please register online by Oct 31st at www.boelw.de/kupfertagung17

Participation Fee: Thanks to funding by the Federal Organic Farming Scheme and other forms of sustainable agriculture (BÖLN), participation to the conference is free. 15,- € per person will be charged to cover costs for coffee and refreshments, and an extra 40,- € for the conference dinner at „Landgasthaus Dahlem“). Please not that we must ask you to pay in cash.

Conference Programme Nov 16th

14:00	Registration	Start
15:00	Introduction & Welcome Stefan Kühne, JKI & Friedhelm v. Mering, BÖLW	
15:10	Welcoming Address Peter Bleser, Secretary of State, Federal Ministry for Food and Agriculture	
15:25	Copper in plant protection products: state of play under Regulation (EU) 1107/2009 Patrizia Pitton, European Commission (DG SANTE)	Authorization/Risk Assessment
15:40	The Re-approval of Copper as Active Substance: State of Play from an Industry Perspective Matthias Weidenauer, EU Copper Task Force	
15:50	Recent Changes Concerning National Approval of Copper-based Plant Protection Products in 2016/2017 Balthasar Smith, BVL	
16:05	Environmental Risk Assessment of Copper Compounds in the EU Active Substance Evaluation: State of Play Tobias Frische, Umweltbundesamt	
16:20	Discussion	
16:30	Coffee Break	
16:45	Results of the Organic Movement's Monitoring Program of Copper Applications & Implications on Copper Minimization Strategy Jutta Kienzle, Barbara Hoffmann, Wolfgang Patzwahl, Eckhard Reiners, Florian Weihrauch	Copper Use & Minimization / Risk Assessment
17:30	Does the heterogeneous distribution of copper in German vineyard soils reduce potential effects on the functions of soil organisms?? <i>Introduction</i> Nadine Herwig, JKI	
17:35	<i>Part 1: Impacts of the functions of earthworms</i> Bernd Hommel, JKI	
17:45	<i>Part 2: Impacts of the functions of microorganism</i>	
17:55	Shape-adapted Dosage and Application to Improve Environmental Protection in Plant Protection Peter Triloff, Marktgemeinschaft Bodenseeobst eG	
18:10	Discussion	
18:30	End of Programme Nov 16th	

19:00 Conference Dinner: „Landgasthaus“, Domäne Dahlem (organic farm & public museum)
(Königin-Luise-Str. 49, 14195 Berlin, <http://www.landgasthaus-dahlem.de/>)

Conference Programme Nov 17th

9:00	Potential Reductions of Plant Protection Product Applications and Resistance Mechanisms in new Fungus-Resistant Varieties Birgit Eisenmann & Jochen Bogs, Weincampus Neustadt, DLR Rheinpfalz	viniculture
9:15	Biochar and Compost May Both Immobilize and Mobilize Copper in Vineyard Soils Gerhard Soja et al., AIT Austrian Institute of Technology	
9:30	Field Trials on Prevention and Control of Downy Mildew in Organic Vineyards of the State Viticulture Institute Freiburg (WBI) Gottfried Bleyer, WBI Freiburg	
9:45	Results of Field Trials Testing Effects of Potassium-Phosphonate in Organic Vineyards in Rhineland-Palatine Uwe Hofmann, Ministry for Environment, Energy, Food & Forests, Rhinel.-Palatine	
10:00	Discussion	
10:15	Coffee Break	
10:30	New Results of BÖLN-Projects on Copper Minimization in Apple Scab Management in Germany Sascha Buchleither, Bastian Bendun, Jürgen Zimmer, DLR Rheinpfalz	Arboriculture
10:55	Potential of Scab "Resistent" Apple Varieties in Copper Minimization Strategies Based on Multi-Year Field Trials Jutta Kienzle, FÖKO	
11:10	Organic Participative Apple Breeding: New Results of the „Apfel:gut“ Breeding Project and of the EIP Project „Robust Apple Varieties for Organic Orchards“ Philipp Haug, FÖKO	
11:20	Field Trials on Using Rain Covers in Permanent Crops with Remarks on Carbon Footprint (CFP) Markus Kelderer, Versuchszentrum Laimburg, Südtirol (IT)	
11:50	Discussion	
12:00	Poster Demonstration*	
12:15	Lunch Break	
13:00	Utilization of a bio-fungicide Polyversum (<i>Pithium oligandrum</i>) in the control in vineyards, hop gardens and potato fields to control fungi diseases Zdenek Chromy, Biopreparáty (CZ)	New Plant Protection Products
13:15	Copper Reduction Potential by Application of <i>aqua protect</i> Marcel Thieron, aquaagrar GmbH	
13:30	Lab-, Glasshouse and Field Trials on Copper Reduction by Applications of 2H13 Yeast Strain Armin Weiß, Bio Protect GmbH	
13:45	Field Trials on Management of Potato Blight (<i>Phytophthora infestans</i> (Mont.) De Bary) by 50 % Reduction of Copper in Combination with Microorganisms as additives Stefan Kühne & Sophie Streitmann, JKI, Armin Weiß & Stefan Kunz, Bio Protect GmbH	
14:00	Discussion	
14:15	Coffee Break	
14:30	Podium Debate Patrizia Pitton, EU-Kommission/DG SANTE, N. N., BMEL*, Sylvie Dulong, FNAB, Jutta Kienzle, IFOAM EU Task Force Plant Protection, Tobias Frische, UBA, Stefan Kühne, JKI, Friedhelm v. Mering, BÖLW	Conclusion
15:30	Conclusions & Farewell Stefan Kühne, JKI & Friedhelm v. Mering, BÖLW	
16:00	End of Conference	

* requested

** input for the poster demonstration:

1. Aktueller Stand im Verbundprojekt „Entwicklung eines Bierhefeproduktes zur Apfelschorfbekämpfung im Falllaub“

Ann-Carin Hahn, Staatliche Lehr- und Versuchsanstalt für Wein- und Obstbau Weinsberg

2. „Mikroverkapselung eines Hopfenextrakts zur Entwicklung eines maßgeschneiderten biologischen Pflanzenschutzmittels“

Christoph Rupp, Friedrich-Alexander Universität Erlangen-Nürnberg

3. „Development of a botanical plant protection agent from Larix by-products to protect grapevine from *Plasmopara viticola*“

Hans-Jakob Schärer, Barbara Thuerig, Moses Langat, Jonas Treutwein und Lucius Tamm,
Hauptverantwortlich: FiBL CH

Travel directions

By Train:

Berlin Hauptbahnhof (Main Station), Take S-Bahn or regional trains to „Zoologischer Garten“. Change for Underground Line 9 to „Rathaus Steglitz“. Change for Bus X83 (direction „Königin-Luise-Straße / Clayallee“), leave bus at „Arnimallee“, directly in Front of JKI

Duration of Travel: ca. 35 mins.

By Plane:

Arrivals at Tegel Airport: Take Bus TXL (direction „Mollstr./Prenzlauer Allee“) to Underground-Station „Turmstrasse“, change for Underground Line 9 to „Rathaus Steglitz“. Change for Bus X83 (direction „Clayallee“), leave bus at „Arnimallee“, directly in Front of JKI

Duration of Travel: ca. 50 mins.

Schönefeld Airport: Take S-Bahn S9 (direction „Spandau“) to „Zoologischer Garten“. Change for Underground Line 9 to „Rathaus Steglitz“. Change for Bus X83 (direction „Clayallee“), leave bus at „Arnimallee“, directly in Front of JKI

Duration of Travel: ca. 1 hour

Hotel Accomodation near JKI

Ravenna Hotel
Grunewaldstr. 8-9, 12165 Berlin (Steglitz)
Tel. 030/79091-100
Fax 030/7924412
Rooms from 68,00 EUR
Email: ravenna-hotel@t-online.de
www.ravenna-hotel.de

Hotel am Forum Steglitz
Büsingstr. 1 / Ecke Bornstr. 5
12161 Berlin
Tel. 030/850 80 40
Fax 030/859 22 98
Email: hotel_am_fs@t-online.de
www.hotel-am-fs.de
Rooms from 72,- €

Hotel Pension Dahlem
Unter den Eichen 89a
12205 Berlin
Tel. 030/831 1050
Fax 030/831 49 28
Rooms from 44,- EUR
www.hotel-dahlem.de

Hotel Enzian
Hortensienstr. 28
12203 Berlin
Tel.: 030 / 832 50 75
Fax: 030 / 832 68 57
Rooms from 35,- EUR
www.hotel-pension-enzian.de

Pension am Rüdesheimer Platz
Rüdesheimer Platz 7
14193 Berlin (Dahlem)
Tel.: 030 / 827 91 70
Fax: 030 / 827 917 20
Rooms from 54,- EUR

More Information on Copper in Plant Protection is provided on the JKI website:
<http://kupfer.julius-kuehn.de/>

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

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