

## **European Conference on Copper in Plant Protection**

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 manage to keep their plants healthy without having to rely on synthetic pesticides.

While there is a broad range of strategies to prevent diseases like apple scab, mildew or potato blight, copper-based formulations are almost the only tool to combat actual infections. Copper has been re-authorized as a plant protection product in 2008 by the EU Commission, but only on condition that member states take action to reduce the use of copper.

To discuss successful strategies to minimize copper application on a European scale, and to identify research and farm management options to further reduce the use of copper, the German Association of Organic Farmers, Food Processors and Traders (BÖLW) and Julius Kühn-Institut invite you to take part at the first

### **European Conference on Copper in Plant Protection**

**Nov 17<sup>th</sup>/18<sup>th</sup>, 2016**

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

This invitation is addressed specifically to farmers and growers, scientists, regulators, agricultural advisers and other people working with/on copper in a context of plant protection.

Part of the programme (see below) is a Conference Dinner at „Alter Krug“ restaurant close to the conference venue. Please let us know with your registration if you wish to join us at „Alter Krug“!

**Registration:** Please register by October 31<sup>st</sup> by e-mail to Lisa Espig, [foej@boelw.de](mailto:foej@boelw.de).

**Participation Fee:** Thanks to our sponsor, the Edmund-Rehwinkel-Foundation, participation to the conference is free. 15,- € per person will be charged to cover costs for coffee and refreshments (40,- € for the conference dinner at „Alter Krug“).

## Conference Programme Day 1 (Nov. 17th)

14:00	<b>Registration</b>	<b>Introduction</b>
15:00	<b>Introduction</b> Stefan Kühne, JKI & Friedhelm v. Mering, BÖLW	
15:10	<b>Welcoming Addresses</b> Bernd Hommel, JKI, Ralph Dejas, BÖLW	
15:20	Renewal of EU Registration for Copper as Active Substance: State of Play Matthias Weidenauer, EU Copper Task Force	<b>Copper Use and Copper Minimization</b>
15:30	The German Agricultural Associations' Copper Minimization Strategy Friedhelm v. Mering, BÖLW	
15:40	Copper Applications in Organic Farming in Germany: New Data, new Challenges Jutta Kienzle, Ralph Dejas, Wolfgang Patzwahl, Eckhard Reiners, Florian Weihrauch	
16:00	Overview - Copper Situation in France in 2016 Sylvie Dulong, FNAB	
16:15	Copper Use and Copper Reduction in Austria Franz Rosner, IFZ Klosterneuburg	
16:30	Discussion	
17:00	<b>Coffee Break</b>	
17:15	Authorizations for Plant Protection Products containing Copper in 2016 Alexandra Makulla, BVL	<b>Authorization / Risk Assessment</b>
17:25	5-Point-Program for Sustainable Plant Protection with Special Emphasis on Copper Tobias Frische, Umweltbundesamt	
17:40	Long-Term Application of Copper Plant Protection Products in Vineyards – A Reason for Concern? Nadine Herwig et al., JKI	
17:55	Use of Food Monitoring Data in Risk Assessment of Copper for the German Population Britta Michalski, BfR	
18:05 – 18:15	Discussion	

19:00 **Conference Dinner:** „Alter Krug“ Restaurant (Königin-Luise-Str. 52, 14195 Berlin)

Dinner Lecture: „Past, Present, and Future PPP Application Technologies – a „Cultural“ Analysis“ (Dr. Jens Karl Wegener, JKI)

## Conference Programme Day 2 (Nov. 18th)

09:00	EU Research Project „CO-FREE“ – Perspectives and Limitations Annegret Schmitt, JKI	Basic Research
09:10	Basic substances approvals: 5 years of regulatory effort to legalize substitution products to copper Patrice Marchand, ITAB	
09:25	Discussion	
09:35	Peronospora Crisis 2016 in Organic Viticulture in Germany – The End of Copper Minimization? Beate Fader, DLR Rheinhessen & Randolf Kauer, Uni Geisenheim	Viticulture
09:50	Looking for Ways to Reduce Copper Applications in Viticulture – The Czech Experience Milan Hluchy, EKOVIN Cz	
10:05	Copper Extraction by Special Selection of Cover Crops in Viticulture Bernd Altmayer, DLR	
10:15	Immobilization of Copper in Vineyard Soils – The Role of the Organic Additives Biochar and Compost Gerhard Soja, Franz Zehetner, Katharina Keiblinger, Georg Dersch, Florian Faber, Franz Rosner	
10:35	Organic wine production in Austrian vineyards Andreas Harm, Martin Mehofer, Franz Rosner	
10:50	Discussion	
11:00	<b>Coffee Break</b>	
11:15	Results of BÖLN Projects on Copper Minimization in Apple Scab Management in Germany Sascha Buchleither, Bastian Bendun, Jürgen Zimmer, DLR Rheinpfalz	Fruit Production
11:45	The potential of scab "resistant" apple varieties for the reduction of copper Jutta Kienzle, FÖKO	
12:00	Robust Traditional Apple Varieties as Basis for the „Apfel:gut“ Organic Apple Breeding Initiative Hans-Joachim Bannier	
12:15	Organic Participative Apple Breeding: Results from On-farm-Breeding Projects Inde Sattler, Projekt Apfel:gut	
12:25	Discussion	
12:35	Copper Minimization in Organic Hop Cultivation in Germany Florian Weihrauch, LfL	Hop Production
12:50	Hop Protection against Downy Mildew in the Czech Republic Josef Vostrel, Hop Research Institute Zatec	
13:05	Discussion	
13:15	<b>Lunch Break &amp; Poster Presentations</b>	
14:20	NEU 1143 F – a New Fatty Acid Fungicide and a New Tool in Copper Minimization? Andreas Prokop, Neudorff	New Plant Protection Products
14:30	New Possibilities to Reduce Copper Application by Combining Cuprozin progress and Kumar Herbert Welte, Spiess-Urania	
14:40	Copper Reduction by Application of Yeast Strain 2H13 Armin Weiß, Bio Protect GmbH	
14:50	Discussion	
15:00	<b>Coffee Break</b>	
15:15	The Influence of Air Support on the Efficiency of Spray Cover Formation of Sprayers for 3-D-Crops Peter Triloff, Marktgemeinschaft Bodenseeobst	
15:25	<b>Podium Debate:</b> Copper as Active Substance in Plant Protection Product in Europe – Quo vadis? Wolfgang Zornbach, BMEL, Fiona Marty, FNAB, N. N., Bio Austria, Jutta Kienzle, IFOAM EU Task Force Plant Protection, Stefan Kühne/Friedhelm v. Mering (Moderation)	Finale
16:30	<b>Conclusions &amp; Farewell</b> ( Stefan Kühne, JKI & Friedhelm v. Mering, BÖLW)	

## Poster Contributions

### **Kupferreduzierungs- und Kupferersatzprojekte am Staatlichen Weinbauinstitut**

Karin Weitbrecht, Staatliches Weinbauinstitut Freiburg

### **Applikation von Mikroalgen an Reben zur Reduktion von Plasmopara viticola**

Maike Erb-Brinkmann & Werner Bannach, PHYTOsolution,  
Jennifer Bilbao, Fraunhofer-Institut für Grenzflächen- und Bioverfahrenstechnik IGB

### **Controlled Release formulation of licorice extract as a new biological fungicide against grapevine**

Stefan Schwab, Universität Erlangen

### **Impact of copper fungicides on plant protection and quality the soil in Poland**

Jolanta Kowalska, Dariusz Drożdżyński, Institute of Plant Protection – NRI, Poznań, Poland

## 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

Travel time: 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

Travel time: 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

Travel time: 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](mailto:ravenna-hotel@t-online.de)  
[www.ravenna-hotel.de](http://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](mailto:hotel_am_fs@t-online.de)  
[www.hotel-am-fs.de](http://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](http://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](http://www.hotel-pension-enzian.de)

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

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