



Global Hop Summit

Hop Symposium and Parliamentary Evening
on November 18, 2019 in Brussels

Representation of the Free State of Bavaria to the European Union
Rue Wiertz 77, 1000 Brussels

Organizer:

German Hop Growers Association e.V.
German Hop Industry Association e.V.



Supported by:

Bavarian Brewers Association
German Brewers Association
Brewers of Europe
International Hop Growers Convention (IHGC)





FURTHER PARTNERS

- Federal Ministry of Food and Agriculture (BMEL)
- Bavarian Ministry of Food, Agriculture and forestry (BayStmELF)
- Society for Hop Research e.V. – Hüll / Wolnzach
- Hop Research and Hop Breeding Center of the Bavarian State Agency for Agriculture (LFL) – Hüll / Wolnzach
- USA Hops / Hop Growers of America (HGC)
- Bryant & Christie Inc. – Seattle
- International brewing associations
- COPA-COGECA



BACKGROUND

Hop is not only one of the oldest medicinal plants, rather an indispensable raw material for beer production. He is often referred to as the "soul of beer".

The international hop growing industry on around 60,000 hectares, with focus on Europe and the US, is currently facing enormous challenges as a small special culture.

Especially, climate change and higher requirements for the protection of environmental resources are forcing discussion on the reorientation of hop growing for the future.

Focal points are the introduction of new methods for efficient, irrigation and needs-based fertilization. Another key issue is the necessary reorientation of pest and disease control as well as a significant intensification of breeding and research to achieve these objectives.

However, this concerted action cannot be achieved in the relatively short time required by law and politics.

On the contrary, there is an urgent need for sufficiently long transitional periods, which are particularly necessary for breeding and research in the hops sector, in order to establish new, alternative cultivation methods in practice in addition to new climate-adapted varieties.

Otherwise, it can be assumed that there will be enormous losses in terms of quality and yield in European and international hop growing over the next 5 years, which will endanger the coexistence between the hops and brewing industry.



HOP-SYMPOSIUM

- 8.30 am Registration**
- 9.30 am 1. Welcome and introduction to the hop and brewing sector:**
Presentation of the global and economic significance of the hop and brewing industry as an innovative, economically growing and above all sustainable economic sector (including complete quality control from the hop garden to beer, etc.) **(15 +15 min.)**
- Presentation hops sector*
Adi Schapfl, VDH
Peter Hintermeier, IHGC
- Presentation brewing sector (to be determined)*
- 10.00 am 2. Climate protection and adaptation – challenges and solutions in climate change**
- a) Introduction to climate change, **Dr. Wolfgang Zornbach, BMEL** **(15 min.)**
b) What is already done in the German hops sector to combat climate change?
Lecture on current and planned research work
Dr. Peter Doleschel, LfL - J. Stampfl, LfL **(20 + 10 min.)**
- 10.40 am to 10.55 Coffee break** **(15 min.)**
- c) Breeding objectives and methods for the hops and brewing industry – lectures of
Dr. Andreja Cerenak (SL), Dr. Patzak (CZ), Dr. David Gent (USA)
Moderation: Dr. Florian Weihrauch, LfL (Chair WTC of the IHGC) **(15 + 15 +15 min.)**
- d) How are US hop growers and the entire US hop industry dealing with the challenges of climate change and new production methods? **(15 + 15 min.)**
Lecture **Leslie Roy** (President of the IHGC) and **Steve Carpenter** (Yakima Chief Hops)



HOP-SYMPIOSIUM

12.15 am to 1.15 pm lunch break

1.15 pm 3. Reorientation of pest and disease control

- a) Guidelines on Integrated Pest Management and Sustainability in hops.
Presentation of the guidelines for integrated crop protection in German hop production and information on the sustainability principle in the hop and brewing industry by **Johann Portner (LfL)**
(20 min.)

- b) Plant protection from the perspective of registration in Germany, Europe and USA.
What happens to the hop production in Europe and USA within the next 5 to 10 years and which role does climate change play?
 - aa) 2 Lectures on the current and future registration situation in Germany/Europe and the USA by **Dr. Martin Streloke, BVL (Germany)** and **Michael Goodis, EPA (USA)**
(20 + 20 min.)

 - bb) Big challenges for the small special culture hops: **Daniel L. Kunkel USA (IR-4-Project)** and **Jeroen Meeussen, EU Minor Uses Facility (Paris)**
(20 + 20 min.)

 - cc) Presentation by **Matt Lanz, Bryant Christie Inc.** on the consequences of the so-called cut-off criteria in European risk evaluation and about the efforts to harmonize MRLs internationally
(15 min.)

 - dd) Herausforderungen und Lösungen der Europäischen Industrie für Pflanzenschutz und Düngung: **Dr. Helmut Schramm (Bayer CropScience)**
(15 min.)

3.30 pm to 3.45 pm Coffee break

(15 min.)



HOP-SYMPOSIUM

4. Objectives: How can politics support the hop and brewing industry?

A short speech by a representative of the brewing industry,
the hop trade and hop growers **(10 + 10 + 10 min.)**

The following goals and measures for the reorientation of hop growing of the future have to be considered:

- Sufficient transitional periods required for breeding and research in the hop sector to establish new, alternative farming methods in addition to new, climate-adapted varieties. The basic for this are the high standards developed over decades, especially in integrated pest management
- Developing methods for adequate irrigation and needs-based fertilization
- Securing existing and establishing new, sufficient water abstraction rights
- Reorientation of pest and disease control
- Intensification of breeding climate adapted, pest resistant and high yielding varieties to secure the raw material base for the international brewing industry
- Intensive research into new cultivation techniques and alternative plant protection methods (digitization, ecological systems, resource conservation)

4.15 pm to 5.00 pm “Conclusions” and final words

The Conclusions should summarize the results and suggestions from the previous contributions including discussion:

- **Matt Lanz**
- **Dr. Reinhold Kugel**
- **Otmar Weingarten**

5.00 pm End of the symposium

Break and room preparation until 7.00 pm



PARLIAMENTARY EVENING

- 7.00 pm** **Admission and registration**
- 7.45 pm** **Welcome** by the head of the representation, Mrs. Barbara Schretter and the organizers (VDH and DHWV)
- Beer dinner with appetizer**
- Beer dinner and entertaining beer tasting by a certified beer sommelier with European beer diversity.
- 8.00 pm to** **Moderated panel discussion** with speakers of
9.00 pm the Hop Symposium, representatives of the EU Commission and members of the EU Parliament
- From 9.00 pm** **Beer dinner with main course and dessert**
- Cozy conclusion of the event with musical entertainment by the Obermüller musicians

Hops and malt – God bless it!