



ISPP

International Society for Plant Pathology

(Professor Greg Johnson, President)

July 2018 Committee Report to the ISPP Executive Committee on the ISPP Chemical Control subject matter committee

Subject Matter Committee

ISPP Chemical Control subject matter committee

Established: The ISPP Chemical Control subject matter committee was newly set up after the retirement of the former chairman Prof Ulrich Gisi in 2008 and continues in that composition until 2018.

Web address for SMC

No specific web address

Name (s) of personnel preparing report

Dr. Klaus Stenzel, chairman

Nominated Officers

Is the list for your SMC on the ISPP website correct? yes

Current membership

Dr. Klaus Stenzel (Germany), chairman

Dr. Dietrich Herrmann (Switzerland)

Prof. Dr. Guido Schnabel (USA)

Prof. Dr. Hideo Ishii (Japan)

Dr. Derek Hollomon (UK)

Prof. Dr. Tarlochan Thind (India)

Committee Meetings:

A formal meeting with all members was not taking place in 2013-2017, but the members were in contact via email exchange and met at several occasions at global conferences like e.g. ICPP Beijing 2013, IPPC Berlin 2015, Reinhardsbrunn Symposium 2016, to discuss topics. The next official SMC meeting will be held in Boston on July 31. Besides specific content discussion we will seek for and discuss new members to better cover all related topics and regions.

Committee Activities:

- The Chemical Control Committee continuously provided educational materials and led discussions during the last five years through numerous activities initiated by the members of this committee. This was done on a global level in several regions of the

world through activities at congresses, symposia or workshops e.g. by organizing chemical control sessions, giving talks or by chairmanship of sessions, by publications and by direct communication and interaction with interested groups. The SMC feels that these activities addressed a sufficient range of platforms and networking opportunities to push scientific development and interaction in the area of chemical control of plant diseases forward.

Subject Matter Committee focus issues:

- The subject matter ‘Chemical Control’ was topic at numerous conferences with well received contributions, e.g. ICPP 2013 in Beijing, the IPPC Berlin in 2015 (together with the associated society DPG e.V. in Germany), and at the Reinhardsbrunn Symposium 2016. The committee members were active in organizing events at those conferences in form of workshops on disease resistance, sessions on fungicides and disease control, and they were contributing with presentations and leading discussions.
- For the ICPP in Boston 2018 two sessions were prepared by the committee and proposed with excellent contributions across the world on different relevant topics. One was accepted for a symposium entitled “Progress in Chemical Disease Control”, the other will be a workshop entitled “Fungicide Resistance – Detection, Characterization and Management”.
- At the Reinhardsbrunn Symposium 2016 like in 2010 and 2013 all but one or two members of the Committee participated, giving talks and were actively discussing topics around chemical disease control. The committee has been involved since 2013 with one member Dietrich Herrmann in the Organizing Committee of the Reinhardsbrunn Symposium, which is a core event in chemical disease control and resistance research.
- Through the FRAC organization two representatives in the Chemical Control Committee are actively involved in resistance management-related issues in practice, reporting with their teams to the scientific and practical audience via the FRAC website (www.FRAC.info) about new findings and resistance management measures. The information on the website is designed to ensure longevity of modes of action and to provide best methodologies on resistance monitoring. Publication is done via Journals and / or presentations at congresses.
- The SMC focuses on communicating on new findings and solutions to the practitioners and to preserve and prolong the activity of different modes of actions for sustained disease control in the field. The SMC keeps up with newest developments in technologies of chemical control.

Additional work identified:

- Encourage and facilitate broad engagement of scientists and disease management specialists to work on chemical control topics and resistance issues and to make practical information accessible to a broad scientific community and audience in practical agriculture.

Submitted by Klaus Stenzel, chairman

Klaus.stenzel@bayer.com