



**Dear ANBP Members and Friends:**

Time for our Fall ANBP update! Keep us posted with any news you would like us to post on our website or distribute!

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**ANBP to Zoom *and* meet November 6, 2023 near Washington, D.C.**

Our Fall ANBP this year will be a hybrid of in-person and Zoom access for all. We decided to meet during the same week this year as the Entomological Society of America, at their [national meeting](#) in Maryland [National Harbor, MD near D.C.]. We will meet across the bridge from that venue in Alexandria, VA on Nov. 6, 2023 at the [Hampton Inn Old Town Area South](#). The stimulus for this location was to meet our new USDA APHIS permitting scientist, Benjamin Slager, who will be assuming Bob Pfannenstiel's job when Bob retires. Right now they are overlapping in the office, which must be a huge benefit for both of them. They will be attending our meeting on Nov. 6 and it will be a wonderful opportunity to give them an overview of the commercial biological control industry. If you have any questions for Bob and Ben, we will collect those now as well and pass them on so we can have an efficient discussion.

We will Zoom-in those who cannot attend in person, but we also thought a Powerpoint presentation about ANBP would be very useful. **We are inviting members to produce one slide each introducing their company.** Please drop [Lynn LeBeck](#) a line if you are interested. **Deadline for a slide submission is Oct. 20, 2023. Wide-format for the slide will work best!** If you think you might join us in person, let Lynn know as soon as possible. Our meeting is scheduled to start about 1:00 PM Eastern Time, but we will confirm that sometime this month. Finally, we will send a Zoom link for those who cannot attend in person. We will keep everyone posted as more details unfold!

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### **ANBP Award of Excellence**

ANBP annually recognizes an individual who has made, or is making, extraordinary contributions to the field of augmentation biological control and its use in integrated pest management (IPM). This year we have selected Dr. John Sanderson of Cornell University as our 2023 Awardee.

Dr. Sanderson is well-known to biological control researchers, the commercial insectary professionals, and growers using IPM, especially in the northeastern U.S. and Canada. He received a B.S.

in Zoology at San Diego State University, M.S. and Ph.D. in Entomology at the University of California, Riverside (UCR). After a postdoctoral year at UCR, he headed for Cornell University, where he spent the next 36 years doing research, extension, and teaching. John focused his Cornell career providing pest management research and extension support to the greenhouse industry. His collaborations with a research/extension team were responsible for introducing IPM practices to greenhouse floriculture growers, resulting in widespread adoption of these techniques. He has worked on every major pest of greenhouse crops covering studies of basic life history, behavior, pest sampling methods, insecticide resistance, and plant disease transmission by insects. A majority of his studies concentrated on biological control of greenhouse pests with a variety of important predators, parasitoids, and pathogens.

ANBP members know John well, as he has given many presentations on biological control of greenhouse pests at regional and national greenhouse conferences and authored many articles on biocontrol in greenhouse trade publications and webinars. When we heard he would be attending the Cultivate'23 show this summer in Ohio, and upon hearing he may not attend many more meetings due to his pending retirement, we knew it was the perfect venue to surprise him with this award. We were happy to join this sponsored dinner for John and celebrate his career!



Left to right: Suzanne Wainwright-Evans (Buglady Consulting), Casey Decker (Sierra Biological Inc.), John Sanderson (Cornell University) and his wife, Marie.



Dinner at Cultivate 23, July 15, 2023

*Continued...*

**Aspergillus Workshop hosted by Oregon State.** ANBP publicized this two hour web workshop during the late summer and now OSU has made the recording available to all. *Aspergillus* species are ubiquitous fungi that show up virtually everywhere, especially in agricultural systems at all levels. It has been causing rejections in cannabis submitted in various states that screen for it and some of these testing companies have implicated commercial natural enemies. This workshop gives a great overview of *Aspergillus* issues today, but interestingly, makes no mention of commercial beneficials. ANBP has spent considerable time on how to respond to claims that beneficials are the cause and we will continue to watch this closely. Click the [Link](#) to access the recordings and presentation PDFs. Also, please feel free to share the link with your colleagues.

[Aspergillus Workshop | OSU Extension Service \(oregonstate.edu\)](#)



**IOBC-MRQA Bologna meeting has published the Mass Production Special Issue in the Journal of Insect Science.**

*Journal of Insect Science*: [Volume 23 Issue 5 | Journal of Insect Science | Oxford Academic \(oup.com\)](#)

Maria Luisa Dindo and Rose Buitenhuis, co-chairs of the Bologna meeting last year have sent this message, along with the link above.

Congratulations and thanks to everyone involved for producing this special issue of the *Journal of Insect Science*, "Delivering on the Increasing Demand for High Quality Invertebrates". The papers resulted from the milestone 15<sup>th</sup> International Organization for Biocontrol, Mass Rearing and Quality Assurance Working Group conference held in Bologna, Italy in 2022, co-chaired by Maria Luisa Dindo and Rose Buitenhuis. The success of this publication effort is especially due to the diligence of the authors, the vision of Maria Luisa Dindo, and continuous support contributed by Phyllis Weintraub.

This special issue is a sequel to the JIS special collection: "Mass Rearing of High-Quality Insects" that incorporated papers from the IOBC, MRQA workshop held in Merida, Mexico in 2017, co-chaired by Patrick De Clercq, Tom Coudron, Julio Bernal, and Lynn LeBeck. The history of our working Group is described in the introductory paper. Both of these special publications will be cited in the Insect Mass Rearing chapter of the upcoming CABI book, "Principles of Integrated Pest Management: A Southern African Perspective" edited by Minette Karsten and John S. Terblanche.

**ANBP Member Highlights.** This section includes news from the Membership. New products, upcoming events, new personnel, or announcements.

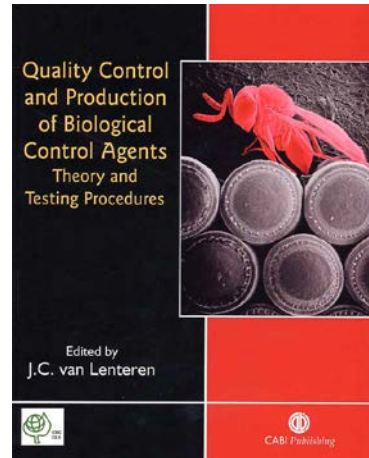
**Call for collaboration on IOBC Quality Control guidelines.**

We have just received this renewed call for working on the IOBC Quality Control guidelines. Rose Buitenhuis, an ANBP Scientific Adviser, has just sent this out in the latest IOBC-MRQA newsletter.

*Over the course of the past years, we have often discussed to update the 2003 IOBC quality control guidelines. The consensus is that there is a need and interest to do this, but the main difficulty is to find both researchers and funding to do this. We are happy to announce that the biocontrol industry is offering financial support to get this important research going.*

*To move forward, we need to know who is interested to take on part of this work, including a potential chair for this project and researchers willing to develop the different tests. Once the research team is formed, we will collectively work to bring further funding together.*

If you are interested, contact Rose Buitenhuis ([Rose.Buitenhuis@vinelandresearch.com](mailto:Rose.Buitenhuis@vinelandresearch.com)). ANBP will also be active on this committee!



**BioWorks** is announcing a new 25b essential oil launching in early October. EpiShield is a 25(b) miticide and insecticide based on a proprietary blend of essential oils that is formulated for grower ease of use. Benefits of this liquid formulation include up to 28x lower use rates than traditional horticulture mineral oil products, no restricted-entry interval, and strong efficacy against key mite and insect pests. Low use rates avoid storing and handling large volumes of EpiShield. Exempt from REI restrictions, EpiShield is an ideal tool for spot sprays and other applications where quick access to the treated area is important. Containing the active ingredients clove oil, peppermint oil, and sodium lauryl sulfate, EpiShield provides high levels of pest mortality. Working on contact, EpiShield results in paralysis, suffocation, and desiccation. EpiShield delivers up to a 53% higher mortality rate on mites and aphids, with a 10x rate reduction when compared to other essential oil products. Reduced oil content significantly reduces the risk of phytotoxicity. For indoor and outdoor use, EpiShield is labeled for mites, aphids, thrips, whiteflies, and mealybugs.



Greg Bryant from **Sierra Biological**, along with Cody Seals and Cody Mitchem from **Beneficial Insectary**, and Julie Graesch from **BioWorks**, have created a new *Biological Control Advice for Growers* Facebook page. This group is for growers to learn and ask questions about biological control (biopesticides & macroorganisms) and integrated pest management techniques. Indoor and outdoor growers are welcome. This group will discuss a wide variety of arthropod pests (mites, aphids, thrips, whitefly, mealybug, flies, true bugs, lepidoptera, beetles, etc.), and diseases (root and foliar) in diverse crops groups (annuals, perennials, vegetable, cannabis/hemp, specialty agriculture, etc.). Join the group, ask questions, and learn from industry leaders and professional growers.



**Biological Control Advice For Growers**

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Have an item for our ANBP News Flash? Do you have comments or suggestions for ANBP? Please drop us a line at [exdir@anbp.org](mailto:exdir@anbp.org).