



2021 Annual Meeting – Virtual

Office or Committee Name: Herbicide Resistant Plants

Officer or Chairperson Name: Caio Brunharo

Date of Preparation (include year): February 22, 2021

Activities during the year:

The Herbicide Resistant Plants committee sent a survey to the WSWS membership to inquire about newly identified herbicide resistant plants. We tried a different approach compared to last year. Instead of sending the survey to all WSWS members, we identified 1-2 members of each state and asked them to forward the survey to other local members. We received 10 reports from member states in 2020, compared to 15 in 2019. It is unclear whether this lower number reflects the reduced research activities due to COVID, or whether the new approach was less effective in reaching out to the membership.

The committee organized a symposium that will take place on March 1, 2021, during the WSWS annual meeting. Agenda is in Appendix A.

Recommendations for Board Action:

We recommend that the survey be sent to the entire membership in the future, as well as selecting 1-2 individuals from each state to help distribute the survey. It would also be beneficial to have a page in the WSWS website where the survey results could be openly shared. For future surveys, it would be beneficial to add a question for the name of the survey respondent, since the objective of the survey is to promote collaboration. It would also be beneficial to send multiple reminders to the membership during the year.

Budget Needs:

None.

Name of Person Preparing This Report: Caio Brunharo

Appendix A: Symposium agenda

SYMPOSIUM - Are Herbicide-Resistant Crops the Solution to Herbicide-resistant Weeds?

- 01:00 PM** Welcome. Caio A. Brunharo*, Oregon State University, Corvallis, OR
- 01:05 PM** How Herbicide-resistant Crops Can Contribute to Integrated Weed Management. Hugh J. Beckie*; University of Western Australia (UWA), Perth, WA, Australia (1)
- 01:30 PM** Herbicide Tolerance Technologies: Past, Present, Future. Roger E. Gast*, Terry Wright; Corteva Agriscience, Indianapolis, IN (2)
- 01:45 PM** Herbicide Resistant Crops: Friend or Foe in the Canadian Prairies? Breanne D. Tidemann*¹, Eric N. Johnson², Robert Gulden³; ¹Agriculture and Agri-Food Canada, Lacombe, AB, Canada, ²University of Saskatchewan, Saskatoon, SK, Canada, ³University of Manitoba, Winnipeg, Canada (3)
- 02:00 PM** PNW Herbicide Resistant Crops: Any Role in Resistance Management? Carol Mallory-Smith*; Oregon State University, Corvallis, OR (4)
- 02:15 PM** Role of Herbicide-Resistant Crops for Controlling Herbicide-Resistant Weeds in the Great Plains. Vipin Kumar*, Phillip W. Stahlman; Kansas State University, Hays, KS (5)