

2020 WSSA Committee Report

Committee Code and Name: E-12b Herbicide Resistance Education

Committee Chair: David Shaw

Committee Members, 2019 (includes sub-committee members)

- Amy Asmus
- Michael Barrett
- John Byrd
- David Ervin
- George Frisvold
- Todd Gaines
- Terry Hurley
- Raymond Jussaume
- Andrew Kniss
- Ramon Leon
- John Madsen
- Jill Schroeder
- Francois Tardif
- Lee VanWychen
- Muthu Bagavathiannan
- Greg Kruger
- Susan Koehler
- David Shaw

Board Coordinator: Bryan Young

Committee Members Rotating Off:

- Arlene Cotie
- John Madsen
- John Byrd

Recommended Replacements:

- Jill Schroeder (incoming chair)
- Carroll Moseley
- Katie Dentzmann

Summary of Activities

Goals for 2019:

- Develop and execute plans for increasing stakeholder involvement.
- Expand efforts to include other pest disciplines.
- Expand the offerings from the herbicide resistance web portal.

List the committee's accomplishments (since the last annual meeting):

- A proposal was submitted to and funded by USDA-APHIS as a follow-up to the Vanto Group training grant. This grant has focused on enabling and empowering community based efforts, and was entitled "Community-Building to Address the Pest Resistance Epidemic."
- Community-based efforts are in various stages of development in Iowa, the Pacific Northwest, the Mississippi Delta, and in the Washington DC area.
- A subcommittee continued to develop a comprehensive website that provides sound, science-based information regarding herbicide resistance management. The website was reviewed by the WSSA board, a number of questions were raised, the committee addressed these.

- A USDA Area-Wide Weed Management program has been developed and implemented, focusing on community-based weed management efforts.
- A workshop was developed for the 2020 WSSA conference, focused on community-based HRM.

What information was posted on the WSSA website?

- Results of listening sessions
- The portal is still under development
- Information on the Iowa Science Policy Experience

What amount of funds were requested? How much was spent?

- WSSA funding was used to cover a portion of the expenses related to the Iowa Science Policy Experience.
- \$90,000 grant received from USDA-APHIS

What was the impact of the committee activities/accomplishments on the following: membership, publication, policy, legislation, and/or education?

- Herbicide resistance has received substantial attention from a number of federal agencies, as well as Capitol Hill. WSSA has been placed in a prominent leadership role because of our efforts.
- Educational products have been used extensively for training purposes. We have partnered with a number of commodity groups to extend our reach.
- Many members have been involved in committee and subcommittee activities. With the creation of the regional listening sessions, a number of additional members have been involved in 2019.
- EPA and USDA-APHIS continue to look to WSSA as the authoritative source for technical information and education in regards to herbicide resistance management strategies.
- Entomology Society of America was engaged as a partner to host the Iowa Science Policy Experience. This partnership is continuing and offers an opportunity to expand the resistance education efforts across more of the pest disciplines.

What is the current state of the committee's projects and activities?

- Stakeholder involvement efforts are being planned.
- The web portal committee needs to complete its activities.

2020 Plan for Committee Activities

Goals for 2020:

- Develop and execute plans for increasing stakeholder involvement.
- Expand efforts to include other pest disciplines.
- Expand the offerings from the herbicide resistance web portal.

Recommendations for Board/Society Action:

Funds requested for 2020:

- \$10,000 to cover travel costs associated with meetings in Washington DC related to agency efforts in resistance management. APHIS funds cannot be used for federal employee travel expenses.
- We will continue to expend APHIS funds collected in 2019.

Other requests for the Board:

- Consider developing additional mechanisms to remain in a leadership position addressing and articulating the complex issues impacting agriculture and natural resources because of herbicide resistance.
- Feedback on directions the committee is taking, and on the published material we have developed.