



2020 WSSA Standing Committee Report

Committee Name and Code: Environmental Aspects of Weed Management Committee (E8)

Committee Chair: Vipin Kumar

Committee Members (includes sub-committee members):

Mayank Malik, Misha Manuchehri, Travis Legleiter, Zahoor Ganie, Lindsay Haines, Rakesh Jain, Anil Shrestha, Atul Puri, Greg Dahl

Board of Directors Liaison: Lynn Sosnoskie

Committee members rotating off and recommended replacements:

Members rotating off: Greg Elmore, Andrew Kniss, Bryan Young (BOD Liaison)

Recommended replacements: Misha Manuchehri, Mayank Malik

Summary of past year's activities including:

- Committee goals
 - a) Possible symposium/review topics for consideration:
 - To identify key topics for a symposium or a review article in future meetings. Topics included pesticides effects on non-target species including honey bees and moths, contribution of herbicides in atmospheric pollutants, impact of atmospheric herbicide pollutants on monarch butterfly and common milkweed.
 - b) Key research priorities and possible funding:
 - To identify key research areas and possible funding. Key priority areas that were discussed included dicamba in atmosphere through physical and vapor drift, drone applications in understanding herbicide pollution in atmosphere, and buffer zones requirements in weed control.
- Committee accomplishments

It was decided to collaborate with the “Formulation, Adjuvants and Application Technology” section on conducting a symposium/review ideas and identified

research priorities as both share some overlapping responsibilities. The framework of conducting symposium/review with common theme on identified topics was planned but not executed due to COVID-19 pandemic.

- Impact of committee activities/accomplishments on membership, publications, policy, education, other, etc.

The committee had slow activities due to COVID-19 in the past year and none of the aforementioned goals were accomplished.

- WSSA funds requested if any?

No funds were requested.

- Current state of the committee's projects or activities?

We are working on putting together a review article on identified key research areas and topics discussed in the last year's annual committee meeting.

- Any new information posted on the WSSA website?

None

Summary of plans for next year (changes in goals, key initiatives, plan of action, etc.)

The committee will be exploring the possibility of conducting symposium in collaboration with "Formulation, Adjuvants and Application Technology" section in future meeting.

Recommendations for Board or Membership action (funds or other requests):

No recommendation