



Cropping Systems Weed Science
UNIVERSITY OF WISCONSIN-MADISON

WiscWeeds Team PROGRAM STATEMENT

The University of Wisconsin-Madison Cropping Systems Weed Science program (WiscWeeds) conducts applied research to evaluate weed management strategies that can help agricultural stakeholders mitigate herbicide resistance evolution, protect water quality, enhance agroecosystems services, and increase food security. A crucial component of our program is our farmer-driven approach, where we invite stakeholders to help guide our research questions through participation in the WiscWeeds Research Coalition. This partnership holds us accountable to principles of the **Wisconsin Idea** which serves as the foundation of our mission.

The widespread evolution and rapid dispersal of herbicide-resistant weeds across the agricultural landscape combined with the shortage of novel herbicide chemistries represent a major challenge in current cropping systems. Thus, our applied research and Extension program focuses on three main areas:

- **Herbicide efficacy and resistance monitoring**
- **Herbicide fate in the environment and off-target movement**
- **Integrated weed management**

Through applied research and outreach efforts, our program provides timely research-based information and recommendations to our Extension clientele while advancing the Weed Science discipline and training the next generation of decision influencers and practitioners. We firmly believe that “seeing is believing” and work tirelessly to maintain an open-access approach to our field research by fostering outdoor and indoor classroom environments through educational summer and winter events, respectively, where all members of the public are welcome.

All available actions are taken to publish our research findings open access in peer-reviewed journals and to translate our findings free of charge to our Extension clientele through outreach presentations, technical articles posted on www.WiscWeeds.info, and videos archived on **UW-Mad about Weeds** YouTube channel. We use traditional (Email listserv and mailing) and modern (social media channels such as Twitter: [@WiscWeeds](https://twitter.com/WiscWeeds)) means to reach our clientele. We proudly serve all communities interested in learning and advancing their weed management practices in annual row crop production systems.

We value diversity and inclusion in our research, teaching, and Extension efforts. We strive to continue to grow as an equitable workspace where all members contribute to create an environment that individuals of all backgrounds and experiences feel welcome. It is the WiscWeeds mission to foster a learning environment that is timely, relevant, and citizen driven. Together we work to influence not only the weed science discipline but also the broader agricultural community to continue to advance sustainable crop production.

