



## *NEWS RELEASE*

August 3, 2020

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### **WISCONSIN MARESTAIL HERBICIDE RESISTANCE SCREENING PROJECT**

Marestail (aka horseweed) tends to be a troublesome weed species in no-till cropping systems across the Midwest and this year we received several inquiries regarding poor marestail control in parts of Wisconsin. Thus, we would like to invite Wisconsin farmers, crop consultants, educators and industry representatives that are dealing with this weed to collect seeds this fall from their row crop production fields and submit them to UW-Madison for herbicide resistance screenings (please collect marestail seed samples from fields with consistent infestation levels). Here is a link to a fact sheet to make sure you know which marestail weed we are referring to since regionally different weeds are referred to as marestail and horseweed: <https://go.wisc.edu/1d1rqa>

We intend to screen samples in the greenhouse for resistance to glyphosate (Group 9), PPO-inhibitor (e.g., Cobra, Flextar, Cadet; Group 14), ALS-inhibitor (e.g., Pursuit, Classic, FirstRate; Group 2), and Growth Regulator (e.g., dicamba, 2,4-D; Group 4) herbicides. Results will be made available to those who submit the samples after the greenhouse screenings are completed.

There is no cost associated to the herbicide resistance screening. The only cost will be your time to collect the seed samples and mailing them to: **Rodrigo Werle**, 1575 Linden Drive, Madison, WI 53706

You can download **SEED COLLECTION FORM** here: <https://go.wisc.edu/wh8y33> or contact the Monroe County Extension Office to get a form mailed to you, the form includes information on how to collect the seeds and fill out the information necessary for the project. Please submit the form with the seed sample. Samples will only be included in the herbicide resistance screening if the information requested herein is provided.

For questions, contact Dr. Rodrigo Werle via e-mail: [rwerle@wisc.edu](mailto:rwerle@wisc.edu)

This project is partially funded by the Wisconsin Soybean Marketing Board and the United Soybean Board.

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