WiscWeeds Marestail Herbicide Resistance Screening Project

University of Wisconsin-Madison Cropping Systems Weed Science

SAMPLE ID:_____

Farmer's name: _____ **Collaborator's name:** _____

Farmer's contact information: _____ **Collaborator's contact information:** _____

Field GPS coordinates & address: _____

Field Soil information: OM: ____% , pH ____ , Texture: Sand ____ % , Silt ____ % , Clay ____ %

Field History Information

Year	Crop	Tillage (YES/NO)	Manure (YES/NO)	PRE-Emergence Herbicide Program	POST-Emergence Herbicide Program	Marestail distribution (e.g., edges, entire field)	Marestail infestation (e.g., low, medium, high)
2015	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		
2016	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		
2017	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		
2018	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		
2019	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		

Additional Information/Observations:

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Seed Collection Protocol:

- **Collect seed heads from 20 mature marestail (also known as horseweed) plants. Collect plants as far apart as possible within the field to represent the population.**
- **Place all seed heads from the same field in the same paper bag (leave paper bags open until samples are dry).**
- **Properly ID the sample bag and fill out the "Field History Form". Crop management and herbicide information are crucial for our research. Weed distribution and density within a field will be a "polite guess". For sample ID, use county and farmer's name.**
- **Store the samples in a dry environment. Please mail samples to Rodrigo Werle, 1575 Linden Drive, Madison, WI 53706.**
- **For questions, contact Dr. Werle: rwerle@wisc.edu or 608-262-7130 (www.wiscweeds.info).**

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