2023 WiscWeeds Waterhemp Project

SAMPLE ID:_____

University of Wisconsin-Madison Cropping Systems Weed Science

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	Waterhemp distribution (e.g., edges, entire field)	Waterhemp infestation (e.g., low, medium, high)
2019	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		
2020	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		
2021	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		
2022	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		
2023	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		

Were these waterhemp seeds collected from a field in an atrazine prohibition area? YES or NO (please circle)

Additional Information/Observations:

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Seed collection Protocol:

- **Collect seedheads from 20 mature waterhemp female plants. Collect plants as far apart as possible within the field to represent the population.**
- **Place all seedheads 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. Rodrigo Werle via Email: rwerle@wisc.edu**




Waterhemp plants have short petioles, no hairs on the leaves and stems, leaves are lanceolate and waxy.

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