

# 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)
2014	Crop: Planting date: Harvest date:	Date(s) & type(s):		Product: Rate: Date:	Product: Rate: Date:		
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:		

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. Werle: [rwerle@wisc.edu](mailto:rwerle@wisc.edu) or 608-262-7310 ([www.wiscweeds.info](http://www.wiscweeds.info)).



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

