

UNIVERSITY OF ILLINOIS Plant Clinic



S-417 Turner Hall • 1102 S. Goodwin • Urbana, IL 61801 • (217) 333-0519 • web.extension.illinois.edu/plantclinic

Molecular Services Submission Form

Herbicide Resistance & Weed Identification

Submitter _____

Grower _____

Send Response To:

Name _____

Address _____

Email _____

OFFICE USE ONLY

Sample ID No. _____

No. of Plants _____

Date Received _____

Date Paid _____

Payment Amount _____

Payment Name _____

Check/Receipt No. _____

Phone (_____) _____

Services Requested

- Herbicide Resistance Testing (\$50): *This service tests for herbicide resistance through a common mode of action for both glyphosate and PPO Inhibitor herbicides. This service is only available for waterhemp and Palmer amaranth plants.*
- Molecular Weed ID (\$20): *DNA is amplified and sequenced to confirm if the plant is Palmer amaranth. If the plant is not Palmer amaranth, we will provide the name(s) of the most likely possibilities based on the NCBI BLAST database.*

Plant or Field Location (*Please use a separate form for each field*):

State _____ (required)

County _____ (required)

Sample Name _____ (include if submitting multiple samples)

Number of Plants _____ (recommend 5 plants per field for herbicide resistance)

*Remove the top two inches from each plant (containing young, newly emerged, healthy leaves) and seal it inside a small plastic zipper bag. Use a separate bag for each plant. Please **DO NOT** include a wet paper towel in the bags.*

*Overnight or two-day shipping is recommended. Please **DO NOT** ship on Friday or Saturday.*