



# Illinois Extension

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

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## Molecular Submission Form

<p><b>OFFICE USE ONLY</b></p> <p>Sample ID No. _____</p>
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Sample Name/Field ID \_\_\_\_\_

County/State of Origin \_\_\_\_\_

### Send Report to:

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

### Send Invoice to:

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

### Service Requested

**Herbicide Resistance Testing (\$50 per Field):** *This service tests for herbicide resistance in waterhemp and Palmer amaranth. Plants are tested for common modes of action for both glyphosate and PPO Inhibitor herbicide resistance. Samples should include the top two inches of each plant, containing young, newly emerged, healthy leaves, and should be sealed in a plastic zipper bag. Use a separate bag for each plant, and **DO NOT** include a wet paper towel. We recommend submitting five plants per field.*

**Palmer Amaranth Molecular ID (\$50 per Sample):** *This service tests for the presence of Palmer amaranth in foliar or seed samples. Up to 100 Amaranthus spp. seeds or 5 leaves can be tested as a single sample. Samples in excess of 100 seeds will be divided into separate samples, processed, and charged separately. **PLEASE SEND ONLY AMARANTHUS SEEDS.** For information about separating Amaranthus seeds from a mixed sample, contact Illinois Crop Improvement Association at (217) 359-4053 or [www.ilcrop.com](http://www.ilcrop.com).*

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