

WEED HERBICIDE RESISTANCE & SPECIES IDENTIFICATION TESTING PLANT TISSUE SUBMISSION FORM

QF-207

Billable Client Name: _____

Address: _____

Email: _____

Sample Identifier: _____

Weed Species Submitting: _____

Designed as the first step in understanding herbicide resistance, this DNA test is designed for target-site based assessment. Testing live weed plant tissue brings speed to decision making during the growing season. Results are reported as either 'resistant' or 'susceptible' to known target site resistance markers in Canada. Also offered is Amaranthus species identification, giving confidence in distinguishing Palmer Amaranth from other weeds.

Choose Herbicide Resistance Testing Option:

SINGLE LEAF: \$45.00 for each Herbicide Group ESSENTIAL SCAN – 4 LEAVES: \$150.00 for each Herbicide Group FIELD SCAN – 10 LEAVES: \$320.00 for each Herbicide Group

Wild Oat

Group 1 Group 2

Kochia

Group 2 Group 5 Group 9

Lamb's-quarters

Group 5

Other Weed _____

Group _____

Waterhemp

Group 2 Group 5
 Group 14 Group 9

Redroot Pigweed

Group 2 Group 5
 Group 14

Green Pigweed

Group 2 Group 5
 Group 14

Common Ragweed

Group 2 Group 5
 Group 14

Giant Ragweed

Group 2

Canada Fleabane

Group 9

Italian Ryegrass

Group 9

Common Chickweed

Group 2

Giant Foxtail

Group 2

Choose Amaranth Weed Species Identification Option:

Pigweed / Palmer Amaranth / Waterhemp Species Identification: \$30.00 per leaf tissue

This document is issued by the Company under its General Conditions of Service accessible at:
<https://www.sgs.com/en/terms-and-conditions>
(Printed copies available upon request)
Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Form Date: 2026-04-29

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Approved by: SN

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A. SAMPLE SHIPMENT INSTRUCTIONS

The most important aspect of collecting plant tissue is to make sure it is collected as DRY as possible. Avoid early morning collection (when dew is heavy) or after after rainfall. If the tissue sample has excess moisture, place the leaf tissue between paper towel to dry tissue for 24 hours.

SINGLE LEAF

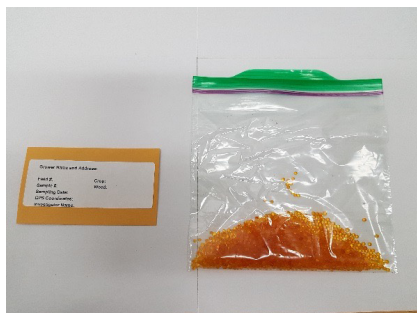
Build the sample with readily available materials from your business.

1. Cut one leaf. Use paper towel to dry off moisture.
2. Place single leaf tissue into a ziploc or paper bag with a dry paper towel.

ESSENTIAL AND FIELD SCAN

Call [1.800.952.5407](tel:18009525407) or email biovision.sherwoodpark@sgs.com for the Weed Herbicide Resistance Packaging Kit at least 7 days prior to sampling.

1. Cut individual leaf tissue, then adjust to the size of a quarter. Use paper towel to dry off moisture.
2. Place the single leaf sample the paper coin envelope. Label each coin envelop with an identifier (GPS or description).
Do not place leaves from more than one plant in each envelope.
For **ESSENTIAL** option, create 4 coin envelopes from unique plants.
For **FIELD SCAN** option, create 10 coin envelopes form unique plants
3. Place the paper coin envelopes in the plastic bag containing the silica gel beads.
4. Seal the plastic bag and remove as much air as possible.



B. SAMPLE SHIPMENT INSTRUCTIONS

Package samples and this submission form in a Purolator envelop or box to protect the plant tissue. Courier to Turnkey Genomics at Unit A9, 550 Parkside Drive, Waterloo, Ontario, N2L 5V4.

C. RESULTS AND INSTRUCTIONS

The test results and invoice will be sent to you from SGS Canada. Test turn around is 1-2 weeks. Seeking status of your testing? Call SGS Canada at [1.800.952.5407](tel:18009525407) or email biovision.sherwoodpark@sgs.com

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