

PLANT DISEASE DIAGNOSTIC SUBMISSION FORM

LAB STAFF ONLY

PDDL#: _____
 Date Rec: _____
 Revised 5/2021

Mail sample to:

Pest Management Unit
 Plant Disease Diagnostics Lab
 17 Godfrey Drive
 Orono, ME 04473-3692
 207.581.3883
 1.800.287.0279 (within Maine)

- Bloat nematode testing \$20.00 for in-state sample, and \$50.00 out-of-state sample
 - Verticillium wilt testing of soil: \$30 for in-state sample
 - Grain testing for export: \$50 for in-state sample
 - General testing: no charge for in-state | \$20 for out-of-state
- Make check payable to: University of Maine**

Send results to:
 Submitter _____
 Client _____
 If applicable, resubmission # _____

Submitter Information:

Name: _____ Business/Farm Name: _____
 Address: _____ City/State/Zip: _____
 Phone: _____ Email: _____

Check all that apply: _____ commercial (grower, consultant, pest control) _____ gardener _____ UMaine Extension or researcher

Client Information:

Name: _____ Business/Farm Name: _____
 Address: _____ City/State/Zip: _____
 Phone: _____ Email: _____

Check all that apply: _____ commercial (grower, consultant, pest control) _____ gardener _____ UMaine Extension or researcher

Please provide the following information about your plant sample:

Plant common name: _____ Scientific name: _____ Cultivar or variety: _____
 Date planted: _____ Date collected: _____ Date problem appeared: _____
 Sample category (e.g. vegetable, woody, ornamental, turf): _____ Hemp license #: _____
 Material submitted (e.g. leaves): _____
 Number of plants affected: _____
 Percentage (%) of plants affected: _____
 Did it appear suddenly gradually
 Is it getting worse staying the same
 Degree of injury: light moderate severe
 Symptoms: _____

Distribution of Damage:

single plant scattered plants groups of plants entire planting
 Other plant species affected? _____
 Related to weather? _____
 Pesticides used and date used in last 30 days: _____
 Other relevant information: _____

Sample Submission Guidelines

General Plant Disease Identification: No charge for in-state | \$20 for out-of-state

- 1 Examine all plant parts and determine the parts which you believe to be diseased (remember that diseased roots can cause wilted leaves). Ideally the whole plant should be sent when possible.
- 2 Place root ball in a plastic bag with some soil and tie it so the soil doesn't contaminate the foliage. Wrap the plant in a barely damp paper towel or newspaper and place the entire plant in a sealed plastic bag.
- 3 If the plant is too large to make the above possible:
 - Place fresh leaves in a sealed plastic bag that include healthy and symptomatic leaves.
 - Place cut stems in another sealed plastic bag.
 - Shake roots free of soil, wrap in a barely damp paper towel and place in plastic bag.
- 4 Please mark sample packages with "Warning" if sample has thorns or spines.
- 5 Samples should be packaged and sent as quickly as possible. If the sample cannot be sent the same day, it should be kept refrigerated as to limit the sample from degrading.
- 6 When sending samples through the mail, try to mail early in the week so samples will not sit over the weekend.
- 7 All samples must be sent with a completed Plant Disease Diagnostic Submission Form. If hemp is being submitted provide a copy of your current license. Provide complete information on the form and keep the form separate from the sample. **Limit sample information to one (1) sample per form and indicate which form goes with each sample.** You are encouraged to include any other pertinent information in addition to that on the form.

Garlic Bloat Nematode Testing: \$20 fee per sample of 5 bulbs for in-state | \$50 for out-of-state samples.

Plant Samples:

- Collect five entire living plants between June 15th and July 30th in varying stages of decline.
- Do not submit totally dead plants; try to send weak or stunted plants starting to decline.
- If garlic is planted in multiple fields separated by 100 feet or more, each field requires a separate sample.
- Cut the tops off the garlic, leaving the bulb and about a foot of above-ground plant.
- Wrap the five bulbs in dry newspaper and place the newspaper in a sealed plastic bag.
- Keep the sample cool until shipping, which should be done at the beginning of the week.
- Complete the Plant Disease Diagnostic Submission Form and include it with the sample.
- **Limit sample information to one (1) sample per form and indicate which form goes with each sample.**

Soil Samples:

- Collect about a cup of soil from under and around garlic plants in varying stages of decline after July 1st.
- If garlic is planted in multiple fields separated by 100 feet or more, each field requires a separate sample.
- Place the soil in a sealed plastic bag.
- Keep the sample cool until shipping and ship early in the week.
- Complete the Plant Disease Diagnostic Submission Form and include it with the sample.

**Other sample submission guidelines for Verticillium wilt and grain testing can be found at <https://extension.umaine.edu/ipm/how-to-send-a-plant-sample/>*