



# PLANT DISEASE DIAGNOSTIC SUBMISSION FORM

**LAB STAFF ONLY**  
PDDL#: \_\_\_\_\_  
Date Rec: \_\_\_\_\_  
Revised 5/2020

**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)

**Cost:** Free, except garlic bloat nematode testing.  
 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  
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): \_\_\_\_\_  
Material submitted (e.g. leaves): \_\_\_\_\_  
Size of the plant (height /width/feet/inches): \_\_\_\_\_ Number of plants: \_\_\_\_\_  
Percentage (%) of plants affected: \_\_\_\_\_  
Did it appear suddenly or gradually? \_\_\_\_\_  
Is it getting worse or spreading? \_\_\_\_\_  
Degree of injury:  light  moderate  severe  
Symptoms: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Distribution of Damage:**

On plant: \_\_\_\_\_  
Other plants affected? \_\_\_\_\_  
Related to weather? \_\_\_\_\_  
Pesticides used and date used in last 30 days: \_\_\_\_\_  
Other relevant information: \_\_\_\_\_

*Please fill out form as completely as possible.*

## Sample Submission Guidelines

### General Plant Disease Identification: No Charge

- 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. 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, and \$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/>*