**International sample Instruction: Contact us [email:** [**turfpestlab@psu.edu**](mailto:turfpestlab@psu.edu)**] prior to shipment to obtain pre-approval and accompanying USDA shipment labels and permit, and fill this form as much as possible, ensuring you keep a copy for your record, and submit the original with the sample.**

**DATE SAMPLE WAS COLLECTED** **/ /      DATE SAMPLE WAS SENT   / /**

**Payment: Invoices will be sent with report and can be paid credit card.**

**Attach Business Card or Fill in Below**

|  |  |  |  |
| --- | --- | --- | --- |
| Business Contact | |  | Sample Submitter or bill to |
| Name |  |  |  |
| Company |  |  |  |
| Address |  |  |  |
| City/zip |  |  | **Email/Mail/Fax to:** Submitter  Grower |
| County |  |  | (    ) |
| Phone No. | (    ) |  | (    ) |
| Email | (    ) |  |  |

|  |  |
| --- | --- |
| Turf species, cultivar, turf use area | Country of origin: |
| (green, tee, fairway, etc.) |  |

**Check/Fill-in all that apply**

|  |
| --- |
| Symptom development timing:  Suddenly  Within the last week  Over several weeks or months |
| Field symptoms include:  Lesions  Blight  Patch  Rings  General decline  Spots |
| Wilting Chlorosis  Browning  Mottling  Other (describe below) |
|  |
| *Symptoms are:*  less than 12"  Larger than 1 ft  Mild and scattered Severe and widespread |
| *Symptom distribution*:  Scattered plants  Shaded areas  Wet areas  Dry areas  % Area affected |
|  |
| Additional information: |
|  |
|  |
|  |
|  |
|  |

|  |  |  |
| --- | --- | --- |
| **Turf maintenance (provide as much info as possible)** | | |
| **Height of cut**: | Irrigation water quality/reliability: | Soil pH |
| **Growth regulator & frequency**:       Recent fertilization date: | | |
| **Wind Exposure:**  Windy  Moderate wind Sheltered | | |
| **Sun exposure:**  Full sun  Partial sun Shade | | |
| **List or attach recent pesticide applications for the past month**:  ­­­­­­­­­­­­­­­­­­­­­­­­­ | | |
|  | | |

**I would like:  Diagnostic confirmation  Fungicide recommendation  Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**INTERNATIONAL SAMPLE SUBMISSION GUIDELINES**

**A. Contact our lab via email prior to sending any samples**

1. **Contact us [email:** [**turfpestlab@psu.edu**](mailto:turfpestlab@psu.edu)**] first to obtain pre-approval and accompanying USDA shipment labels and our permit** or request the USDA labels directly from Dr. Louis Bengyella ([turfpestlab@psu.edu](mailto:turfpestlab@psu.edu)).

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**B. Collect Samples**

1. Submit a Cup Cutter-sized sample (4” diameter x 3” depth) that includes half symptomatic and half healthy turf.
2. **Include a completed Diagnostic Form with your sample(s).** These are available at turfpestlab.psu.edu or can be requested at [TurfPestLab@psu.edu](mailto:TurfPestLab@psu.edu).
3. Complete the form with as much information as possible and keep the form separate from the sample in a Ziploc bag.
4. Do not shipped samples collected 12 hours prior to courier shipment. **Fresh samples are preferred**.

**C. Preparing samples for shipment**

1. Wrap samples in aluminum foil and pack tightly in a shipping container. DO NOT place samples in a plastic Ziplock.
2. Place wrapped samples in an unsealed/open box along with color copy of the **USDA permit and labels** provided (from **A. 1**). (Labels MUST be printed in color or they will not past customs)

**D. Shipping instructions**

1. Place the box (from **C.2**) in Express Courier Shipping Box and affix a color copy of the **USDA permit and labels** provided (in **A. 1**) to the outside of this shipping box. (Labels MUST be printed in color or they will not past customs)
2. Ship overnight/express to the Turf Pest Diagnostic Lab address listed below

**E. Cautions**

1. **All samples must be accompanied with a completed Diagnostic Form** available athttps://turfpestlab.psu.edu or can be requested at [TurfPestLab@psu.edu](mailto:TurfPestLab@psu.edu).
2. Placed the completed Diagnostic Form in a plastic bag and place it in box 1 (**in A1**).
3. Samples are only received and processed on working days.
4. Contact our lab at [TurfPestLab@psu.edu](mailto:TurfPestLab@psu.edu) for additional advice or services.

**Invoices will be sent along with credit card payment link**

[**Turf Pest Diagnostic Lab**](https://turf.psu.edu/pest-lab)

c/o John Kaminski

11 Tyson Building

University Park, PA 16802 USA

Email: [TurfPestLab@psu.edu](mailto:TurfPestLab@psu.edu)

Phone: +1 (814) 863-0918

<https://turf.psu.edu/pest-lab>

**Diagnostic Services and Fee’s:**

* Disease identification examination and full report (**$125.00**)
* Pathogen culturing, PCR confirmation and full report (**$225.00**)
* Pesticide resistance screening (**$275.00**)
* Endophyte screening (**$275.00**)
* Species DNA sequencing (**$175.00**)
* Weed or insect identification (**$65.00**)
* Nematode counts (coming soon)