**International sample Instruction: Contact us [email:** **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****] 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).

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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.
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.
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 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

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)