

The Texas Plant Diagnostic Clinic (Texas High Plains Plant Diagnostic Laboratory) is a service to the people of Texas by Texas AgriLife Extension Service and Texas AgriLife Research, in conjunction with Texas Tech University and the Department of Plant Pathology and Microbiology at Texas A&M University. The Clinic is open from 8:00 am - 12:00pm & 1:00pm-5:00pm Monday-Friday (except holidays) and is located at the Texas AgriLife Research and Extension Center at Amarillo. A map to locate the Plant Diagnostic Clinic can be found at <http://amarillo.tamu.edu> Samples should be submitted to:

Texas Plant Diagnostic Clinic (TPDC)
Texas AgriLife Research and Extension Center
6500 Amarillo Blvd W
Amarillo, TX 79106
Phone: 806-677-5600 Fax: 806-677-5644
Email: rdfrench@ag.tamu.edu Website: <http://plantdiagnostics.tamu.edu>

DIAGNOSTIC CLINIC POLICY

1. Submitted sample must be of adequate quality and quantity accompanied with a completed PLANT DIAGNOSTIC FORM or equivalent information. This form is available through our web-site at <http://plantdiagnostics.tamu.edu>
NOTE: Inadequate samples will not be processed, with the option to resubmit offered to the client.
2. Submitted sample must be accompanied by completed PLANT DIAGNOSTIC FORM unless prior arrangements Diagnostic Clinic personnel. Samples are typically processed on a first come, first served basis.
3. Report (results and recommendations) are emailed (facsimile and postal mail will only be done if requested) to the person(s) as specified on the submission form. If not specified, Diagnostic Clinic will send results as inferred. Client must supply complete crop/plant identification for recommendation to be made.

Instructions for collecting, packaging, and submitting plant specimens.

1. Submit only freshly collected specimens showing a progression of symptoms. Try NOT to send dead plants. Keep specimens refrigerated after collection until they are submitted. **DO NOT ADD WATER** or pack specimen that is wet. Keep sample(s) out of direct sunlight and/or heat. If possible include root system as well.
2. For plants showing wilting, yellowing, stunting, or general decline, send the entire plant including the root system. Enclose specimen **roots only** in a plastic bag. Do not wrap stem or foliage in plastic. Add dry paper towels to absorb any moisture generated.
3. If submitting more than one sample, please LABEL outside each bag clearly with a permanent marker.
4. Mark samples with "**Warning**" if sample has thorns or spines.
5. Seal sample bag to keep sample moist. Ideally, a resealable plastic bag of adequate size to the sample is preferred.
6. **TURF Sampling**—submit a 3-4 inch diameter plug taken where the healthy and diseased areas meet so the sample will contain both diseased and healthy turf. Enclose the plug in a plastic zipper bag. **Do not add water/moisture.**
7. **Virus testing**- collect symptomatic leaves, stems, or whole plant with roots (ideal), and place in a plastic resealable bag. If roots are wet, wrap with dry paper towel. Add dry paper towels around leaves to absorb any moisture generated.
8. COMPLETE the Plant Diagnostic Form. These are available through <http://plantdiagnostic.tamu.edu> **Keep the form in a separate plastic bag from the specimen.** Limit 1 (one) sample per form. We encourage you to include recent pesticide history (last three weeks) and any other pertinent information in addition to that on the form.
9. Package all specimens securely to prevent damage during transit. Cardboard boxes usually help prevent crushing. Add packing material such as newspaper to prevent specimen damage during shipment.
10. Ship samples to the above address by overnight delivery or mail early in the week to ensure fast delivery. Plant samples often decompose if left over the weekend in a delivery warehouse.

SERVICES NOT PROVIDED Currently, the TPDC does not routinely provide the following services to our clientele:

1. Pesticide residue determination in and/or on plants and soil.
2. Soil nutrient levels, soluble salts or plant tissue analysis (contact Soil Testing Lab at <http://soiltesting.tamu.edu>)
3. Speciation on all pathogens isolated from plant disease specimens.
4. Mycotoxin analyses. Contact Office of Texas State Chemist (<http://otsc.tamu.edu>) for private lab listing.
5. Toxic plant identification.

Please contact TPDC for additional inquiries on specific testing request.