

CITRUS GREENING/Huanglongbing TESTING

Accurate disease identification, diagnosis and management recommendations are dependent on submission of appropriate specimens with thorough background information. Incomplete information and/or poor samples may lead to inaccurate diagnosis. Refer to the back of this form for sampling and mailing instructions.

This assay is currently available for Texas samples only.

SUBMITTER CONTACT INFORMATION (PLEASE PRINT)

Name: _____ Company Name: _____

Address: _____ County: _____

City: _____ State/Zip: _____

Phone: _____ Fax: _____ cell: _____

Email: _____

Submitter is State/Federal Extension Grower Consultant

Homeowner Other _____

Send result via: Email Fax Standard mail

For TPDDL Use Only

SAMPLE(s) DESCRIPTION: SAMPLE TYPE: Plant (leaves/fruit) sample Insect sample

SAMPLE GENERAL LOCATION INFORMATION (please complete if different from submitter)

County: _____

Address: _____

City: _____ State/Zip: _____

| | |
|--|---|
| Date sample collected: | % of plants affected (symptomatic plants/total plants): _____ |
| Total Acreage: | Acres affected: |
| Intensity/Severity of infection/infestation: <input type="checkbox"/> Slight <input type="checkbox"/> Moderate <input type="checkbox"/> Severe | |

Please complete one line per sample, additional input table found on page 2 of form.

| <small>For Office Use Only TPDDL #</small> | LABEL | Host plant common name | Host plant scientific name | Planting Date | Specific Location information/Description (preferable GPS Coordinates) |
|--|-------|------------------------|----------------------------|---------------|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

CITRUS GREENING/ Huanglongbing DETECTION Assay - CHARGES PER SUBMISSION

Real-Time PCR testing: \$65 per sample for first 5 samples. \$35 for each subsequent sample.

Send invoice to submitter. Acct/PO reference _____

Payment enclosed.

Please make checks payable to Texas AgriLife Extension Service (TPDDL).

Signature _____ Printed Name _____ Submission date _____

**Signature required before sample can be processed (State/Federal/AgriLife Extension personnel exempted)*

The Texas Plant Disease Diagnostic Laboratory (TPDDL) is a service to the people of Texas by the Department of Plant Pathology and Microbiology at Texas A&M University in conjunction with Texas AgriLife Extension Service. The TPDDL is open from 8:00 am - 12:00pm & 1:00pm-5:00pm Monday-Friday (except holidays) and is located at the Centeq Building at the Texas A&M University Research Park in College Station. Check website (<http://plantclinic.tamu.edu>) for holidays and availability of TPDDL diagnostic personnel.

Samples and payments should be submitted to :

Texas AgriLife Extension Service –TPDDL
1500 Research Parkway, Suite A130
College Station, TX 77845
Phone: 979.845.8032 Fax: 979.845.6499
Email: plantclinic@tamu.edu Website: <http://plantclinic.tamu.edu>

TPDDL POLICY

1. Submitted sample must be of adequate quality and quantity accompanied with a completed Citrus Greening/Huanglongbing Detection Form (TPDDL 1005) or equivalent information for diagnostic testing. NOTE: TPDDL personnel reserve the right to DISCARD/DESTROY any samples that do not meet the submission criteria.
2. Samples are typically processed on a first come, first served basis. Please call to query turn-around time.
3. Report (results and recommendations) are emailed, faxed, or direct mailed to the person(s) as specified on the submission form. If not specified, only payee of services will receive the report. This assay will only specify the presence of the pathogen based on the type of testing used.
4. All samples will be initially screened. Depending on the sample load of the TPDDL, low suspect samples may be given a lower priority for testing.
5. ALL results from this test may be subjected to Federal and State reporting requirements.

SAMPLING and SHIPPING GUIDELINES

Quality of diagnosis is dependent on the quality of the submitted sample

1. SAMPLE COLLECTION:

- Leaves: collect at least 10 symptomatic leaves , preferable attached to stem. Do not add any additional water.
- Fruit: fruit with stems attached. Do not add any additional water.
- Insect: in 95% alcohol in a non-breakable vial or ensure proper packaging to secure sample.

2. COMPLETE FORM :

Complete the Citrus Greening/ Huanglongbing Detection Form (TPDDL 1005). Make sure that sample label is consistent with information describe on form.

3. SAMPLE PACKAGING:

- Put EACH sample in a zip-lock bag. Label accordingly (see No.4 Sample labeling)
- Put completed TPDDL1005 form in a separate zip-lock bag.
- Put all zip-lock bags (samples & form) into another bag to keep it all together.

4. SAMPLE LABELING :

If submitting more than one sample, please LABEL outside each bag clearly with a permanent marker.

5. SHIPPING SAMPLES:

- Package samples securely in a sturdy, crush-proof box to prevent damage during transit.
- Label outside of box clearly with “**CITRUS GREENING SAMPLES**” in permanent marker.
- Send package by overnight mail or courier service early in week for prompt processing.
- Please contact TPDDL to ensure that sample is received.

6. DIGITAL IMAGES:

- Digital images of sampled plant can be submitted via email to plantclinic@tamu.edu.
- Please include in subject line “*Citrus Greening sample*” with submission date.

| Please complete one line per sample. For additional samples, please include separate input table. | | | | | |
|---|-------|------------------------|----------------------------|---------------|--|
| For Office Use Only TPDDL # | LABEL | Host plant common name | Host plant scientific name | Planting Date | Specific Location information/Description (preferable GPS Coordinates) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |