The Texas Plant Disease Diagnostic Laboratory
Citrus Greening/Huanglongbing Sample Submission

<Insert name>

Extension Plant Pathology unit
Texas AgriLife Extension Service
Department of Plant Pathology & Microbiology,
Texas A&M University, College Station.
Collect sample

Preferably more than 10-12 leaves still attached to branches.
Sample submission

Place collected samples in a zip-lock bag or plastic bag and secure tightly
Sample submission

Identify the sample: label the bag clearly and provide sampling date.
Sample submission

Treat each submitted sample separately. Label bags clearly so that samples can be differentiated.
Sample submission

Fill out the appropriate form(s) as completely as possible.

<table>
<thead>
<tr>
<th>SAMPLE(S) DESCRIPTION</th>
<th>SAMPLE TYPE</th>
<th>Plant (leaves/fruit) sample</th>
<th>Insect sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPLE(S) GENERAL LOCATION INFORMATION</td>
<td>County:</td>
<td><em>HILL</em></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td>City:</td>
<td><em>Hill</em></td>
<td></td>
</tr>
<tr>
<td>Date sample collected:</td>
<td>21/10/2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Acreage:</td>
<td>150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percentage of plants affected</td>
<td>20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Please complete one line per sample. Additional input table found on page 2 of form.**

<table>
<thead>
<tr>
<th>LABEL</th>
<th>HOST PLANT COMMON NAME</th>
<th>HOST PLANT SCIENTIFIC NAME</th>
<th>PLANTING DATE</th>
<th>SPECIFIC LOCATION INFORMATION/DESCRIPTION (preferable GPS coordinates)</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>T2</td>
<td>&quot;C. Sinensis&quot;</td>
<td>1/2010</td>
<td>30.615 -96 339</td>
</tr>
</tbody>
</table>

**CITRUS GREENING/ Huanglongbing DETECTION Assay - CHARGES PER SUBMISSION**

Real-Time PCR testing: $50 per sample for first 5 samples. $20 for each subsequent sample.

Payment enclosed. Please make checks payable to Texas AgriLife Extension Service (TAMES).
Sample submission

Place completed form(s) in a zip-lock bag or plastic bag and secure tightly.
Sample submission
Sample submission

Place all samples and form(s) into one (1) zip-lock or plastic bag and secure. Make sure basic information portion of the form is easily visible.
Sample submission

Place the submission package [sample bags and form(s) in one bag] into a crush-proof box.
Sample submission

Close and secure box with packaging tape. Clearly label on box “CITRUS GREENING SAMPLES” Mail box [recommend overnight and/or courier service] to diagnostic clinic.
Sample submission

• Additional tips
  – Send sample via overnight service and early in the week to allow diagnostic clinics to start processing sample securely (prevents sitting in a hot truck over the weekend)
Sample submission

• Additional tips
  – Check/call diagnostic clinic (phone or website) to assess availability of diagnostic services.
  – Check/call diagnostic clinic to confirm their receipt of the submitted samples.
Citrus greening/Huanglongbing testing in TEXAS

- Samples from the 8 counties in the Rio Grande Valley
  - Send to Texas A&M Kingsville – Citrus Center (Weslaco)

- Samples from rest of Texas
  - Send to the Texas Plant Disease Diagnostic Lab (College Station)

http://plantclinic.tamu.edu