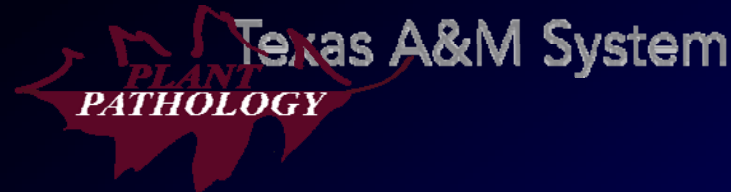


*The Texas Plant Disease Diagnostic Laboratory*  
**Citrus Greening/Huanglongbing**  
**Sample Submission**

 AgriLIFE EXTENSION

<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.



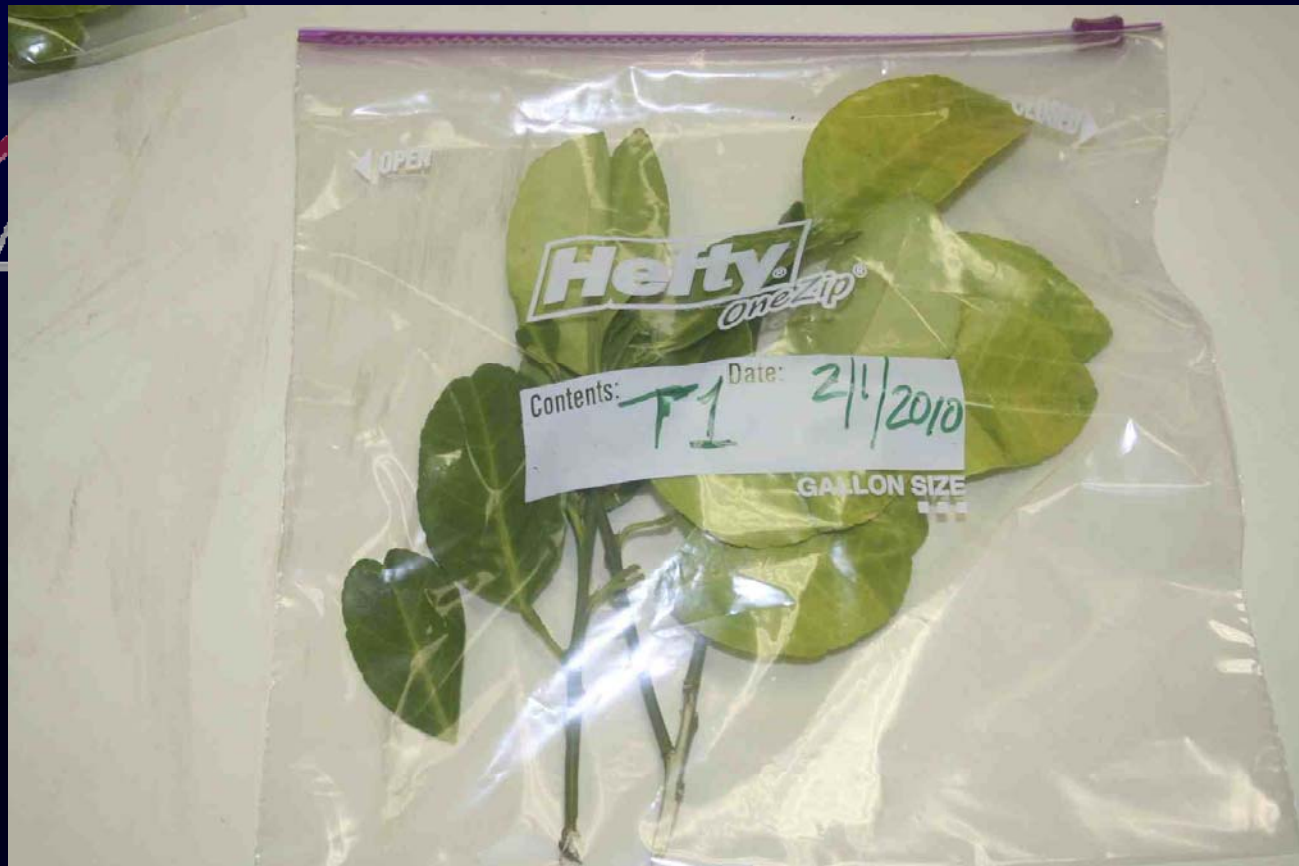
# Sample submission

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.

**AgriLIFE EXTENSION**  
Texas A&M System

**CITRUS GREENING/Huanglongbing TESTING**  
*This assay is currently available to Texas only.*

**TEXAS PLANT DISEASE DIAGNOSTIC LABORATORY**  
1500 Research Parkway, Suite A130  
Texas A&M University Research Park  
College Station, TEXAS 77845  
phone: 979.845.8032 fax: 979.845.6499  
email: plantclinic@ag.tamu.edu http://plantclinic.tamu.edu

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 handling instructions.

**SUBMITTER CONTACT INFORMATION (PLEASE PRINT)**

Name: JOE MANN Company Name: ABC FARMS  
Address: 100 FARM RD County: HILL  
City: SOMERTOWN State/Zip: TX  
Phone: XXX-XXX-XXXX Fax: \_\_\_\_\_ cell: \_\_\_\_\_  
Email: jmann@abc.co

Submitter is  State/Federal  Extension  Grower  Consultant  
 Homeowner  Other

Send result via:  Email  Fax  Standard mail

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

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

County: HILL  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State/Zip: \_\_\_\_\_

Date sample collected: 2/1/2010 % of plants affected (symptomatic plants/total plants): 20  
Total Acreage: 150 Acres affected: 30  
Intensity/Severity of infection/infestation:  Slight  Moderate  Severe

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

File Citrus Use Only TPDDL #	LABEL	Host plant common name	Host plant scientific name	Planting Date	Specific Location information/Description (preferable GPS Coordinates)
	<u>T1</u>	<u>SWEET ORANGE</u>	<u>C. sinensis</u>	<u>11/2006</u>	<u>30.615 -96.339</u>
	<u>T2</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>

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

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

Send invoice to submitter. Acct/PO reference: \_\_\_\_\_  Payment enclosed.  
Please make checks payable to Texas AgriLife Extension Service (TPDDL).

Signature: J Mann Printed Name: JOE MANN Submission date: 2/10/2010  
*Signature required before sample can be processed (State/Federal/AgriLife Extension personnel exempted)*

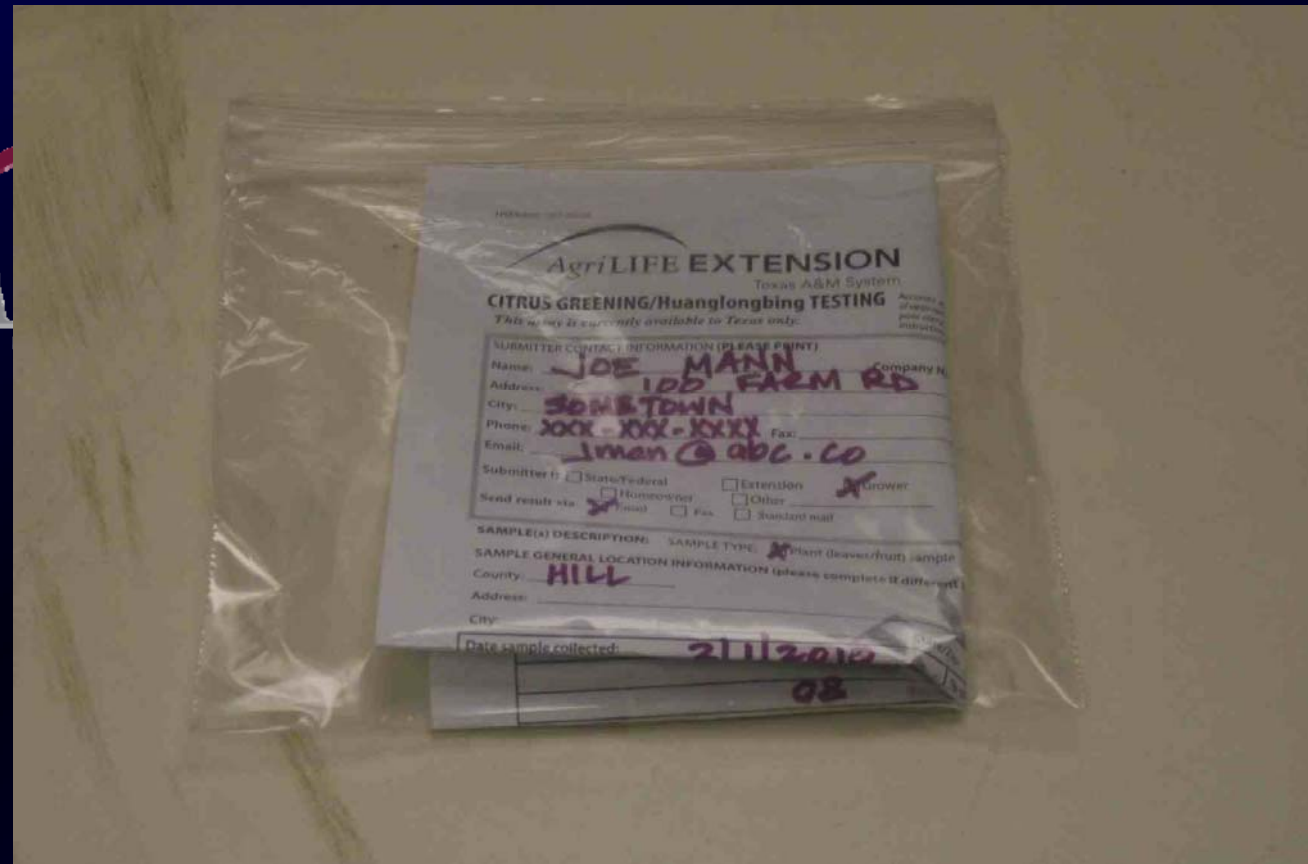
Editorial program of the Texas AgriLife Extension Service are open to all people without regard to race, color, sex, disability, religion, age, or national origin.  
The Texas A&M System, U.S. Department of Agriculture, and the County Commissioners Court of Texas consider this.

Page 1 of 2

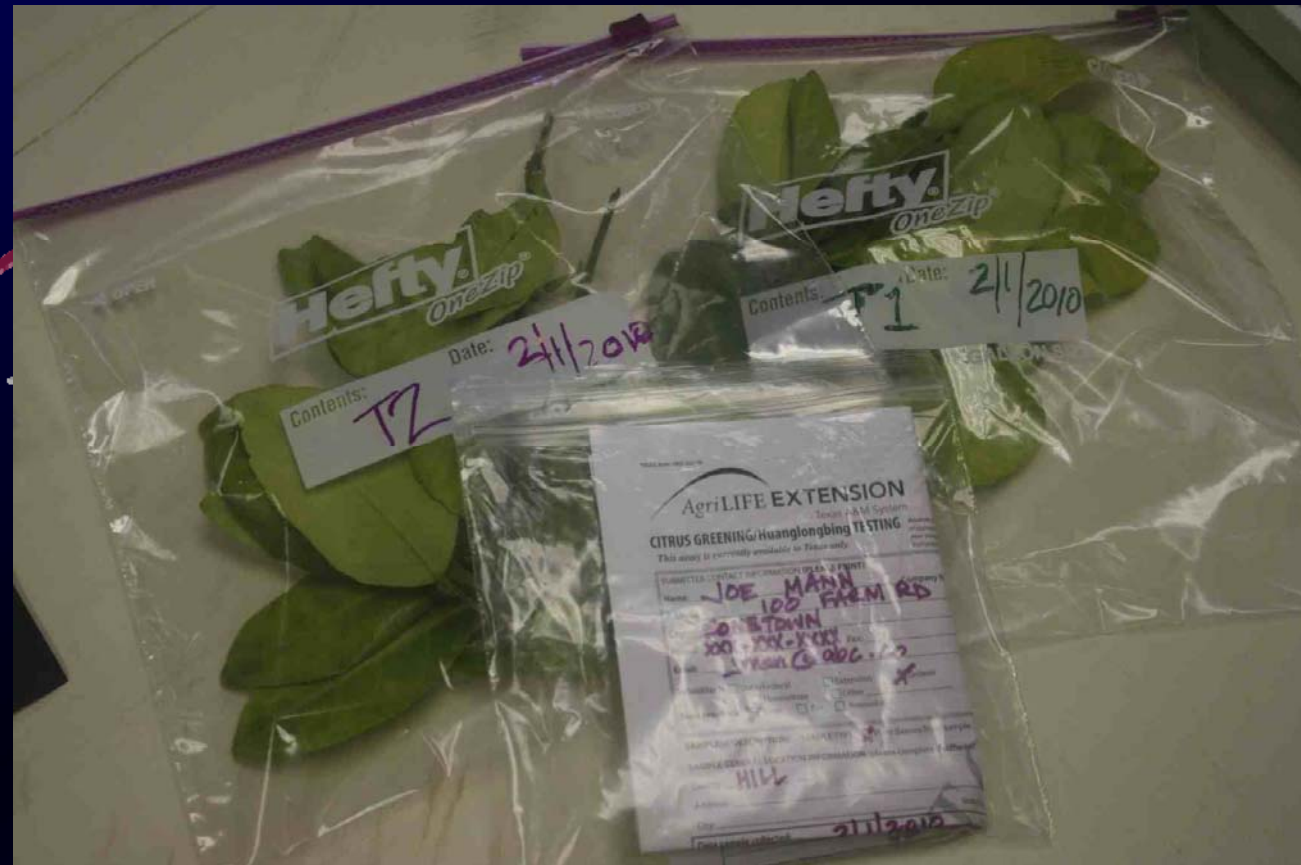
**EXTENSION**  
Texas A&M System

# Sample submission

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



# Sample submission

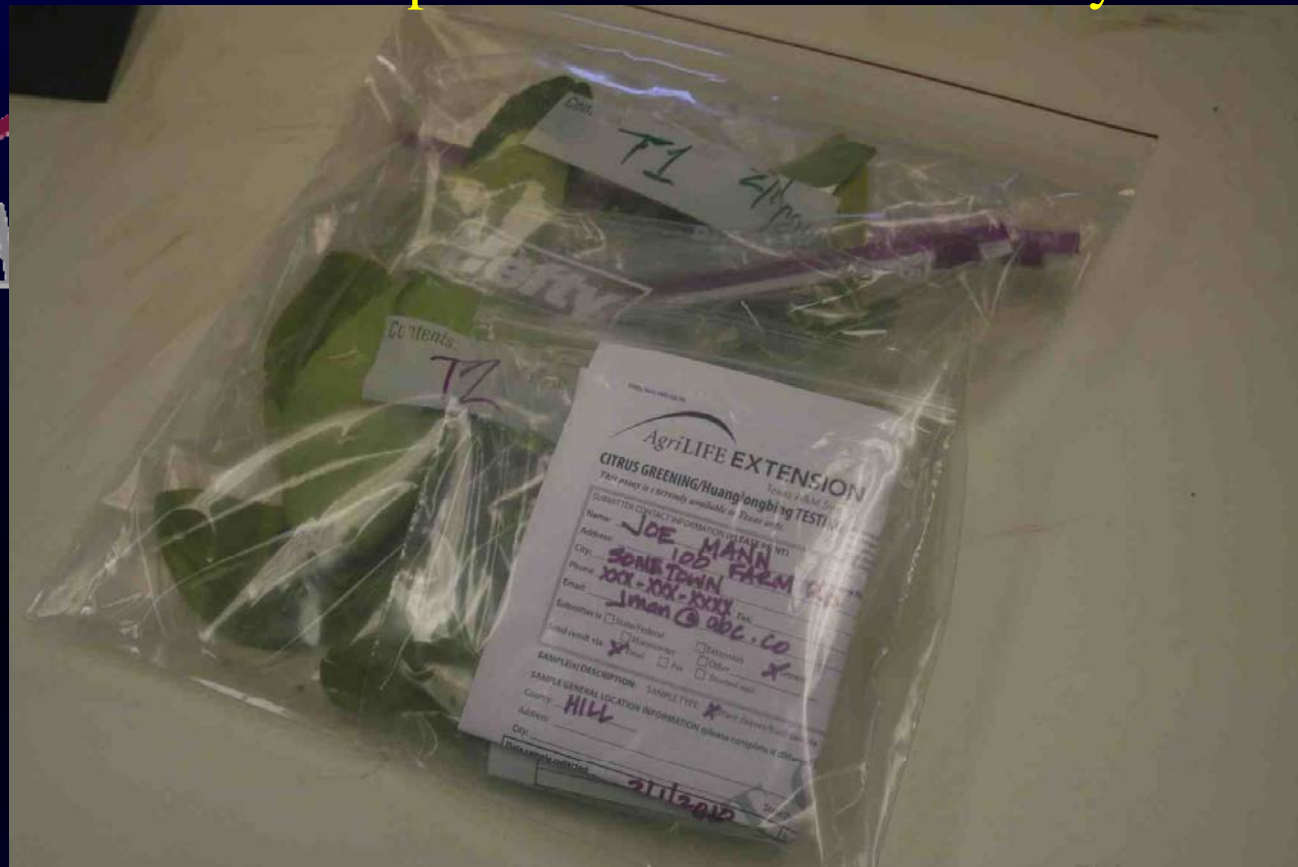




# Sample submission

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.]

AgriLIFE



# 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>