Phylloxera

Figure 1 Pecan stem phylloxera, *Phylloxera devistatrix*, galls

Figure 2. Phylloxera crawlers (dark specks) on new growth. Photo Credit – Dr. Mike Hall (retired), LSU Pecan Station, Shreveport, LA

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“China Imposed Tariffs on Pecans
An announcement made by the USDA, and made public on April 2, 2018, addresses the U.S. and China trade issues and tariff increase on many products, including pecans. The current tariff on pecans is 7 percent, and according to the document will likely be increased to 22 percent.

There is still a lot of uncertainty of how this will play out. The Texas Pecan Growers Association staff, with the assistance of the pecan industry Washington lobbyist, will keep on the matter. Please contact our office if you have any questions.”

The official USDA/GAINS report with more detailed information can be found below:
For anyone that has had issues with phylloxera, treatment time is at hand for some areas of Texas. I have recommended treatment when new growth is about 1 to 2 inches as shown in the picture below. If you are uncertain about activity, you can see the crawler stage with a 10 X lens as shown in figure 2.

I generally do not recommend treatment for sawfly but I have seen on an occasion where populations got out of hand. If treatments are needed then there are several brand names of chlorpyrefos or malathion that are recommended.

Treatment recommendations can be found in the Texas A&M Entomology publication “Managing Insect and Mite Pests of Commercial Pecans in Texas” which can be found at the following website.

http://www.texasinsects.org/tree-crops.html

Sawfly

Figure 3. Stage of growth for phylloxera control

Figure 4. Pecan sawfly, Periclista marginicollis

June Bugs

Figure 5. Pecan sawfly Megaxyela major

Figure 6. June bug damage

Injury due to June bugs is more critical on young
trees where defoliation can be significant. Damage can be characterized by defoliation but no insect is present; clipped off foliage, and chewed up new growth. To check for activity observations will need to be made after sunset. If a treatment is needed then there are several brand named products containing chlorpyrifos or Malathion that are recommended. If livestock are grazing in the area to be treated then only Malathion is cleared for grazing.

**Pecan Nut Casebearer**

Anyone in the pecan business knows the importance of monitoring and management of PNC and we as a commodity are fortunate in that we have an excellent monitoring tool with the PNC pheromone trap. Traps for PNC should be going out in the southern and central portions of Texas at this time.

I have received numerous questions concerning the pecan website, pecanipm.tamu.edu and whether or not it will be up and running this spring. Currently due to several factors, the site is not functioning. However, we hope it will be functional soon.

At this website is our PNC Forecast model where predictions can be made on the status of egg lay using trap data and orchard location. As a general rule, egg lay starts 7 to 10 days after first significant catch (date of first trap catch when adults are collected on two consecutive observation dates) with nut entry starting 12 to 14 days after first significant catch. During 2017 with a very mild winter the adult flight was very early with some producers saying the first catch was 2 weeks earlier than normal. The traps paid for themselves by alerting producers of the early activity.

If anyone has questions on trap use or interpreting trap catch data please send me a note.

The following are a few businesses that I am aware of that sell PNC traps and lures. Texas A&M AgriLife Extension recommends 3 traps for 50 acres or less and at least 5 traps for orchards larger than 50 acres. Traps should be placed in the orchard 20 -30 days prior to an average spray date to ensure that the start of the initial adult flight is detected. Any lure that is not being used should be stored in the freezer.

**Pecan Nut Casebearer Pheromone and Traps**

**Alpha Scents**
1089 Willamette Falls Drive, West Linn, OR 97068
**Sales:** 503-342-8611 — 971-998-8248
**Fax:** 314-271-7297
http://www.alphascents.com

**Gempler's**
P.O. Box 44993
Madison, WI 53744-4993
Order by Phone: 1-800-382-8473

**Great Lakes IPM Inc.**
10220 Church Road
Vestaburg, MI 48891-9746
Ph: 989-268-5693 or 989-268-5911
Toll Free: 1-800-235-0285
Fax: 989-268-5693
E-mail: glipm@nethawk.com
http://www.greatlakesipm.com/

**ISCA Technologies / Moritor Technologies**
P.O. Box 5266
Riverside, California 92517
Tel: 951-686-5008
Fax: 815-346-1722
email: info@iscatech.com
Web: www.iscatech.com

**Oliver Pecan Co. Inc.**
1402 W. Wallace, San Saba, TX 76877
800-657-9291
E-mail: soliver@centex.net

**Pape Pecan House**
P.O. Box 1281
101 S. Hwy 123 Bypass
Seguin, TX 78155
Ph: 830-379-7442

**Southern Nut 'n Tree Equipment, Inc and PPI**
324 SH 16 South
Goldthwaite, TX 76844
1-800-527-1825
Fax: 325-938-5490
E-mail: sales@pecans.com
2018 COUNTY/STATE/REGIONAL MEETINGS/EVENTS

**TX COUNTY MEETINGS**

**April 16, 2018**
East TX Pecan Conference
Palestine, TX
Contact: Anderson Co. Extension office
@ 903-723-3735

**April 24, 2018**
Colorado/Fayette County Field Day
Contact: Colorado Co. Extension office
@ 979-732-2082 Or
Fayette Co. Extension office
@ 979-968-5831

**April 25, 2018**
Guadalupe County Field Day
Contact: Guadalupe Co. Extension
@ 830-303-3889

**April 26, 2018**
Comanche County Field Day
Comanche, TX
Contact: Comanche Co. Extension office
@ 325-356-2539

**April 30, 2018**
Jasper County Pecan meeting
Contact: Jasper Co. Extension office
@ 409-384-3721

**May 3, 2018**
Clay County Field Day
Contact: Clay Co. Extension office
@ 940-538-5653

**May 7, 2018**
San Saba County
Contact: San Saba Co. Extension office
@ 325-372-5416

**STATE/REGIONAL MEETINGS**

**June 14-16, 2018**
Oklahoma Pecan Growers Conference
Downstream Casino and Resort
Quapaw, OK
Contact: OPGA at info@okpecangrowers.com

**June 21-22, 2018**
Tri-State Pecan Conference
Raymond, MS
Contact: Steve Norma at:
pecans@rosaliepecans.com or 318-448-3139

**July 15-18, 2018**
Texas Pecan Growers Conference and Trade Show, Embassy Suites and Conference Center
San Marcos, TX
Contact: TPGA at: 979-846-3285 or pecans@tpga.org

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