



Texas A&M AgriLife Extension
TEXAS PECAN PEST
MANAGEMENT NEWSLETTER



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**COMMERCIAL PECAN INSECT
MANAGEMENT GUIDE**

During 2016 the Texas A&M commercial pecan insect control guide “Managing insect and Mite Pests of Commercial Pecans in Texas: ENTO-048 was updated and is available through the link below.

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

This guide contains brief descriptions of the more common insect problems and the products suggested for their management. Suggest products are from field trials, discussions with other pecan entomologist and how a product fits in an IPM program. At the end of the guide is a list of products that were labeled for pecan at the time of printing.

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. Using the pheromone trap along with the PNCForecast model at <http://pecan.ipmpipe.org/maps> can pinpoint a treatment window.

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.

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

Trece – for bulk orders only

P.O. Box 129
Adair, OK 74330
Ph: 918-785-3061
Fax: 918-785-3063
Email: custserv@trece.com
Order Center: 866-785-1313
<http://www.trece.com>

PNC Pheromone Trap Intruders

Although the pheromone used in PNC traps is for PNC, on an occasion other moth species, mostly pecan bud moth and mesquite bean moth. Figure 1 shows a PNC adult with the characteristic band of raised scales, as indicated by the arrow, on the forewings, which is a sure ID for PNC.

Figure 2 shows pecan bud moth and mesquite bean moth in Figure 3. We feel that these collections are more accidental than something with the pheromone.

The main problem with these accidental catches is that they tend to be collected earlier than PNC which could cause erroneous data entry and treatment timing.

Along with the PNC traps producers should use the PNCForecast prediction model which can be found in the map link at:

<http://pecan.ipmpipe.org>.

For a prediction on oviposition, mark your orchard location on the map, enter your first trap catch in the upper right hand box and the model will make a prediction for 10, 25, 50, 75 and 90 percent

completion of egg lay. The decision window for treatment is between the dates for 25 and 50 percent egg lay.

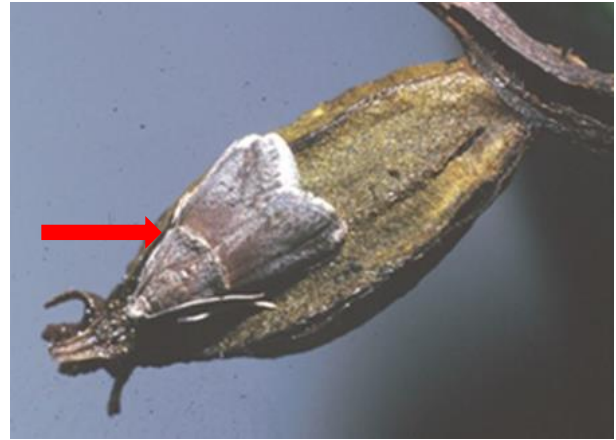


Figure 1 Pecan nut casebearer



Figure 2. Pecan bud moth



Figure 3. Mesquite bean moth

PECAN SAWFLY

There are two species of sawfly that are common on pecan. Sawfly are actually larvae of a wasp and not a true caterpillar. There is only one generation per year and treatment is rarely needed, however, populations can get out of hand and a treatment with a broad spectrum insecticide will be needed.



Figure 4. Pecan sawfly *Megaxyela major*



Figure 5 Pecan sawfly *Periclista marginicollis*

2017 COUNTY/ STATE/REGIONAL MEETINGS/EVENTS

TEXAS COUNTY MEETINGS

April 6, 2017

Mills County

Contact: Tom Guthrie @ 325-648-2650

April 26, 2017

Guadalupe County

Contact: Travis Frankie @ 830-303-3889

April 27, 2017

Comanche County

Contact: Mike Berry @ 325-356-2539

May 1, 2017

San Saba County

Contact: Neal Alexander @ 325-372-5416

May 4, 2017

Clay County

Contact: Bill Holcomb @ 940-538-5042

STATE/REGIONAL MEETINGS

March 5-7, 2017

Western Pecan Growers Conference

Las Cruces, NM

March 28-29, 2017

Georgia Pecan Growers Conference

Tifton, GA

Contact: Janice@georgiapekans.org

June 22-23, 2017

TriState Pecan Conference

Contact: Steve Norman @ 318-448-3139

pecans@rosaliepecans.com

July 9-12, 2017

TPGA Annual Conference

Embassy Suites

Frisco, TX

Contact: TPGA @ 979-846-3285

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