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March 30, 2012
12-1

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GENERAL

Due to various reasons the Texas Pecan Pest Management Newsletter will only be distributed electronically from now on. This letter will be written from March to October and will be distributed as a Word doc, PDF or it can be viewed at <http://pecan.ipmPIPE.org>.

With the new season upon us I am not really sure what to expect. I am beginning to see a good catkin crop which is a good sign. We are all hoping for a good set and a great year but honestly I'm not sure what impact last year's drought will have on this year's crop.

So far this year, at least here in the Brazos Valley area we have had substantial rainfall and we have now had more rain than all of last year.

SPRAYER CALIBRATION

With the start of a new season just around the corner this is a good time for some sprayer maintenance and calibration. Time spent on maintaining your sprayer will be time well spent.

INSECTS

Phylloxera: For those producers that had some

phylloxera activity last year the treatment time will be when you have 1 to 2 inches of new growth. If you have a 10 x hand lens you can find the yellow/orange crawlers on the new growth. Spot treatment of infested trees is recommended when there is 1 to 2 inches of new growth

Sawfly: It won't be long before sawfly activity becomes visible. In most cases sawfly damage is just "visual discomfort" where the larvae have damaged some of the new foliage. There is only one generation of sawfly per season so once they are gone that's it until next year.

There are two species of sawfly (*Periclista marginicollis* and *Megaxyela major*) that feed on pecan with *P. marginicollis* feeding on the underside of the leaflets leaving small holes in the foliage while *M. major* – pictured below consume the entire leaf. In most cases control is not required. I feel that the larvae of these two species are actually good early season food sources for predator insects such as wheel bug and predatory stink bugs that are starting to colonize the canopy.



Figure 1 *Megaxyela major* feeding on pecan

Pecan nut casebearer: For producers in the southern part of the state it will not be long before PNC traps need to be deployed in orchards. PNC traps are one of the best tools you can buy for your pest management program. Trap collections alert producers to the start of the first generation flight of adults and allows producers to anticipate dates of egg lay. This in turn allows producers to time scouting activities and manage time for possible treatments.

Information on PNC trap collections across Texas and the pecan belt can be found at <http://pecan.ipmpipe.org> under the map link.

The general rule is for traps to be placed in south Texas orchards during the first week of April, mid-April for central TX and late April for the northern counties.

PNC Pheromone and Traps suppliers:

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

Alpha Scents, Inc.
1089 Willamette Falls Dr.
West Linn, OR 97068
503-342-8611 phone
314-271-7297 fax
sales@alphascents.com
www.alphascents.com

Gempler's
P.O. Box 270
100 Countryside Drive
Belleville, WI 53508
Order by Phone: 1-800-382-8473
Order by Fax: 1-800-551-1128

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

ISCA Technologies / Monitor Technologies
P.O. Box 5266
Riverside, California 92517
United States of America
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 Pecan Producers, Inc.
324 SH 16 South
Goldthwaite, TX 76844
1-800-527-1825
Fax: 325-938-5490
E-mail: sales@pecans.com

NEW COMMERCIAL INSECTICIDE

The following are a few new or new named products that I have come across which have pecan on their respective labels. **The following is for informational purposes only and does not constitute a recommendation or endorsement.**

Belay: active ingredient – clothianidin. Group 4A insecticide, Company - Valent Corp. (Supplemental label that expires October 2, 2012) labeled for: aphids, pecan nut casebearer, pecan weevil, hickory shuckworm and stink bugs. No livestock grazing allowed.

Bifenture EC: active ingredient – bifenthrin; Company - United Phosphorus Inc. (supplemental label). Group 3A insecticide. Labeled for: aphids, leaffooted bugs, hickory shuckworm, pecan leaf casebearer, pecan nut casebearer and stink bugs. No livestock grazing allowed.

Bug-N-Sluggo: active ingredients- iron phosphate and spinosad. .Company - CERTIS, **For Organic Production:** Labeled for: cutworms, sowbugs, pill bugs, slugs and snails.

Danitol 2.4 EC: active ingredient - fenprothrin – Group 3 insecticide, Company - Valent Corp. Labeled for: pecan nut casebearer, stink bugs, hickory shuckworm. No livestock grazing allowed.

Declare: active ingredient – gamma cyhalothrin, Company - Cheminova, Labeled for: aphids, hickory shuckworm, pecan nut casebearer, phylloxera, spittle bug and stink bugs.

Proclaim: active ingredient – emamectin benzoate, Group 6 insecticide, Company - Syngenta, labeled for: fall webworm, hickory shuckworm, pecan bud moth, pecan casebearer species, pecan serpentine leafminer and walnut caterpillar. No livestock grazing allowed.

Voliam Xpress: active ingredients – lambda-cyhalothrin (Group 3) and chlorantraniliprole (Group 28); Company – Syngenta; labeled for: hickory shuckworm, pean aphid species, pecan casebearer species, pecan phylloxera species, pecan spittle bug, pecan weevil and stink bug species. Restricted use pesticide.

**** Before purchasing or using any insecticide always read the label for use instructions and safety precautions *****

MEETINGS / EDUCATIONAL EVENTS

The following are meetings and events that I'm aware of at this time:

Texas County Field Days:

March 31, 2012

Waller County

Contact: Cody Dennison @ 979-826-7651

April 10, 2012

Bastrop County Field Day

Contact: Rachel Bauer @ 512-581-7186

April 11, 2012

Central Texas Pecan meeting

Goldthwaite, TX

Contact: Tom Guthrie @ 325-648-2650

April 13, 2012

Austin County Field Day

Sealy, TX

Contact: Philip Shackelford @ 979-865-2072

April 25, 2012

Colorado/Fayette County Field Day

Contact: Kara Matheney - Colo. Co. @

979-732-2082 or Scot Willey, Fayette Co. @ 979-968-5831

April 26, 2012

Guadalupe County Field Day

Contact: Travis Franke @ 830-379-1972

May 7, 2012

San Saba County Field Day

Contact: Neal Alexander @ 325-372-5416

State/Regional Pecan Meetings

June 14-15, 2012

Tri-State Pecan Growers Conference

(LA, AR, MS)

Natchitoches, LA

Contact: Stephen Norman @ 318-448-3130

June 21- 23, 2012

Oklahoma Pecan Growers Conference

Norman, OK

Contact: 580-796-7644 or

OKpecan@trinex.net

July 15 – 18, 2012

Texas Pecan Growers Conference and Trade Show

Embassy Suites

San Marcos, TX

Contact: TPGA @ 979-846-3285

The information given herein is for educational purposes only. References to commercial products or trade names are made with the understanding that no endorsement by the Texas AgriLife Extension Service is implied.
