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PECAN NUT CASEBEAER

This letter is a heads up that PNC is showing up early this year. I have heard reports of PNC collections in pheromone traps as far north as Comanche County during the weekend of April 15th and on April 20 I observed my first egg in Waller County, just south of Hempstead.

PNC Treatment Recommendations

Texas A&M AgriLife Extension commercial insecticide recommendations for PNC as well as other major pests can be found in our commercial guide at the following website; <http://www.texasinsects.org/tree-crops>
 For home use I recommend products containing Bt. or spinosad. For Bt. products I would make at least two applications, 4 days apart.

PNC Forecast Model

For anyone using pheromone traps the PNC Forecast model can provide you information on the status of egg lay and treatment dates. As stated in a previous note the pecan website <http://pecan.ipmpipe.org> is **not** up but you can access the information through <http://pecanipm.tamu.edu> . The PNC Forecast model is in the Map link at the top of the page. The recommended scouting and treatment time are the dates between 25 and 50 percent completion of egg lay. If

anyone has problems with the model please send a note and I'll provide some help.



Figure 1. Spotted PNC egg on nutlet



Figure 2. Frass on secondary leaf bud indicating PNC larval activity

PNC Monitoring

Over all my years of monitoring for PNC one activity I have learned that helps me and I think the producer is when I find PNC activity I flag it, (as shown below in the pictures) and record on the flag the date, stage of activity and what nutlet I found the egg on. Events or stages that I record are: egg stage – white, spotted, red or hatched – and which nutlet; bud feeding and nut entry.



Figure 3 Pecan cluster with PNC activity flagged



Figure 4 PNC activity info on flag

I also feel that having a known stage of development just prior to any treatment helps in evaluating treatment and detecting any control failure.

PNC Development

As a general rule, eggs take 3 – 5 days to mature, going from white when first laid, to spotted then almost reddish prior to hatch. After larval emergence there will be one to two days of feeding in a secondary leaf bud

before nut entry.

2017 COUNTY/ STATE/REGIONAL MEETINGS/EVENTS

TEXAS COUNTY MEETINGS

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

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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