Pest Cast

The Row Crops IPM Newsletter for the LRGV, a cooperative project of Texas AgriLife Extension Service and the Cotton & Grain Producers of the lower Rio Grande Valley

Danielle Sekula
IPM Extension Agent

John W. Norman, Jr.
Editor

Volume XXXVI Issue 18, July 26, 2013

General Situation

Hot and dry this week was the forecast with temperatures in the high 90’s reaching 100°F in some areas. With the heat units accumulating fields were able to dry out and cotton harvesting started this week.

This week we were seeing some of the first cotton fields being harvested and many others received their defoliant. Majority of cotton will begin harvesting in 2 weeks from now, while many later planted fields with only 15% open bolls will receive their first defoliant in 2-3 weeks. The La feria Coop Gin has the first bale to be processed next week; its variety is DPL 920.

Reports of hard lock and boll rot damage from the rain was observed in the San Benito and Rangerville areas as many bolls were just starting to open last week when we received heavier rain in those areas. For the majority of the valley the damage was minimal.

The only insect activity reported was a field in the Harlingen area was sprayed for Verde plant bugs. For those who still have small cotton bolls maturing make sure they are protected from Verde plant bugs and stink bugs. Adult whiteflies are still abundant in some areas; treat as necessary to protect younger cotton.

Stalk Destruction

It’s that time again where the crop our farmers strived so hard to make is nearly finished. Stalk destruction is key to controlling boll weevil populations in the effort to disrupt their life cycles to avoid overwintering. September 1 is the deadline for stalk destruction. Cotton stalks should be either completely plowed down or shredded down to 6-8 inches in height. Standing cotton stalks should be sprayed with label approved herbicides at least within 7 days after harvest for good control to avoid any regrowth. Regrowth is a big problem with the warm weather and late summer rains we have in the Valley. Waiting until 60% to 70% of the bolls are open can help reduce the amount of cotton regrowth. Plus you do not want to apply your harvest aid chemicals too early because it has be shown that premature crop termination can reduce lint yield, seed quality, micronaire, and fiber strength.
## LRGV BOLL WEEVIL TRAPPING INFORMATION

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>.00364</td>
<td>.02455</td>
<td>.02932</td>
<td>.1801</td>
<td>.13794</td>
<td>.28077</td>
<td>.24436</td>
<td>1.33909</td>
<td>7.73018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3/24/13</td>
<td>.00096</td>
<td>.01617</td>
<td>.00056</td>
<td>.0691</td>
<td>.73856</td>
<td>.14043</td>
<td>.10683</td>
<td>.48544</td>
<td>0</td>
</tr>
<tr>
<td>3/31/13</td>
<td>.00435</td>
<td>.03353</td>
<td>.00476</td>
<td>.0672</td>
<td>.19847</td>
<td>.08503</td>
<td>.64118</td>
<td>.37552</td>
<td>0</td>
</tr>
<tr>
<td>4/7/13</td>
<td>.00099</td>
<td>.01617</td>
<td>.00360</td>
<td>.0592</td>
<td>.11633</td>
<td>.30512</td>
<td>.40392</td>
<td>.88875</td>
<td>6.47392</td>
</tr>
<tr>
<td>4/14/13</td>
<td>.00076</td>
<td>.01572</td>
<td>.00114</td>
<td>.0312</td>
<td>.23686</td>
<td>.17102</td>
<td>.36414</td>
<td>.18005</td>
<td>2.96203</td>
</tr>
<tr>
<td>4/21/13</td>
<td>.00060</td>
<td>.00339</td>
<td>.00133</td>
<td>.01426</td>
<td>.38106</td>
<td>.05425</td>
<td>.23751</td>
<td>.15855</td>
<td>3.48685</td>
</tr>
<tr>
<td>4/28/13</td>
<td>.00058</td>
<td>.00474</td>
<td>.00043</td>
<td>.01528</td>
<td>.09081</td>
<td>.09113</td>
<td>.18227</td>
<td>.08629</td>
<td>1.70269</td>
</tr>
<tr>
<td>5/5/13</td>
<td>.00060</td>
<td>.00136</td>
<td>.00077</td>
<td>.00825</td>
<td>.05548</td>
<td>.08168</td>
<td>.07073</td>
<td>.09976</td>
<td>.73028</td>
</tr>
<tr>
<td>5/12/13</td>
<td>.00216</td>
<td>.00096</td>
<td>.00174</td>
<td>.00291</td>
<td>.02454</td>
<td>.07013</td>
<td>.17113</td>
<td>.09204</td>
<td>.72057</td>
</tr>
<tr>
<td>5/19/13</td>
<td>.00322</td>
<td>.00485</td>
<td>.00234</td>
<td>.00140</td>
<td>.10516</td>
<td>.08410</td>
<td>.06717</td>
<td>.20786</td>
<td>.58319</td>
</tr>
<tr>
<td>5/26/13</td>
<td>.00038</td>
<td>.00426</td>
<td>.00177</td>
<td>.00336</td>
<td>.20724</td>
<td>.06413</td>
<td>.07770</td>
<td>.12939</td>
<td>.84931</td>
</tr>
<tr>
<td>6/2/13</td>
<td>.00043</td>
<td>.00339</td>
<td>.00244</td>
<td>.01018</td>
<td>.13857</td>
<td>.04752</td>
<td>.13497</td>
<td>1.00114</td>
<td>.82565</td>
</tr>
<tr>
<td>6/9/13</td>
<td>.00107</td>
<td>.00281</td>
<td>.00720</td>
<td>.00794</td>
<td>.17487</td>
<td>.11127</td>
<td>.03975</td>
<td>.46624</td>
<td>1.77066</td>
</tr>
<tr>
<td>6/16/13</td>
<td>.00318</td>
<td>.01212</td>
<td>.00556</td>
<td>.00766</td>
<td>.06249</td>
<td>.13535</td>
<td>.12318</td>
<td>.32430</td>
<td>6.85560</td>
</tr>
<tr>
<td>6/30/13</td>
<td>.00343</td>
<td>.05315</td>
<td>.05716</td>
<td>.01456</td>
<td>.13756</td>
<td>.30683</td>
<td>.16200</td>
<td>2.17874</td>
<td>7.73737</td>
</tr>
<tr>
<td>7/7/13</td>
<td>.00493</td>
<td>.05972</td>
<td>.10697</td>
<td>.03933</td>
<td>.14793</td>
<td>1.63195</td>
<td>.59710</td>
<td>3.61197</td>
<td>22.70318</td>
</tr>
<tr>
<td>7/14/13</td>
<td>.01020</td>
<td>.07231</td>
<td>.07553</td>
<td>.06099</td>
<td>.06107</td>
<td>1.65666</td>
<td>.33439</td>
<td>4.98724</td>
<td>10.90851</td>
</tr>
<tr>
<td>7/21/13</td>
<td>.02344</td>
<td>.10642</td>
<td>.26791</td>
<td>.10456</td>
<td>.09227</td>
<td>2.03746</td>
<td>.51555</td>
<td>5.89333</td>
<td>25.24939</td>
</tr>
</tbody>
</table>

Traps inspected for current week: 19,282
We thank the following Sponsors of the Pest Cast newsletter for their very generous contributions toward this effort.

2013 Pest Cast Sponsors

Platinum: Progreso International Bridge  
SRS Farms

Gold:  
Bayer CropScience  
DuPont  
Gulf Compress  
Hidalgo County Farm Bureau  
Texas Grain Sorghum Producers Board  
Valley Co-op Oil Mill

Silver:  
Crop Production Services  
Miller Chemical & Fertilizer  
Nichino America  
RGV Gin  
Wilbur-Ellis  
Willamar Gin

Bronze:  
Adams Farms  
Bennack Flying Service  
Dow AgroSciences  
La Feria Co-op  
Monsanto  
Ross Gin  
7L Farm  
Texas AgFinance  
Texas Crop Insurance

Educational programs 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 University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating.
Contact Info
Pest Cast Newsletter
Texas AgriLife Extension Service
South District 12
2401 East Highway 83
Weslaco, TX 78596
(956) 968-5581
E-mail: Danielle.Sekula@ag.tamu.edu
d12south@ag.tamu.edu
http://southeasttexas.tamu.edu

Educational programs 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 University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating.