Dear Recipients,

This report covers the sampling period from 6-14 May 2013.

**Highlights:**

*Despite expectations that psyllid activity in the Lower Rio Grande Valley would cease by now, we are still finding activity in this area. This is likely a consequence of prolonged cooler temperatures, permitting continued reproduction.*

*I need updated spray information from growers. Please check on the information for your respective field(s) and provide me with corrections and updates. Thanks!*

**Adults on Yellow Sticky Traps:**

**1. Texas Lower Rio Grande Valley**

- Weslaco UTC3 (1, from 5 traps = 0.2/trap)
- W20 (11, from 5 traps = 2.2/trap)
- MAB (8, from 5 traps = 1.6/trap)

**2. Pearsall**

- Pearsall January Plot traps (41, from 4 traps = 10.25/trap)
- Pearsall February Plot traps (53, from 4 traps = 13.25/trap)
- Pearsall Mills (4, from 5 traps = 0.8/trap)

Pearsall KISS sampler (used each week in 2 of 4 rows: alternating even and odd rows every other week):
- Jan-A cv. Harley Blackwell (7 psyllids)
- Jan-B cv. Atlantic (22 psyllids)
- Jan-C cv. FL 1867 (35 psyllids)
- Jan-D cv. Red LaSoda (16 psyllids)
- Feb A cv. Red LaSoda (11 psyllids)
- Feb B cv. FL 1867 (11 psyllids)
- Feb C cv. Atlantic (25 psyllids)
- Feb D cv. Harley Blackwell (57 psyllids)

**3. Kingsville**

- Kingsville K (no report this week)
4. Olton

-Olton CSS (0, from 5 traps)
-Olton-Barrett (0, from 5 traps)

5. Dalhart

-Dalhart Cabrillas (1, from 20 traps = 0.05/trap)
-Dalhart south (0, from 20 traps)

6. Scottsbluff, Nebraska

-Scottsbluff 100 trapline (0, from 100 traps).

7. Colorado

-Alamosa SLV 19 (1, from 25 traps = 0.04/trap)

Eggs and Nymphs on Leaf Samples (numbers in parentheses are average #s/leaf):

1. Texas Lower Rio Grande Valley

-W1: Cultivar 'Atlantic' planted 13 Dec 2012. Admire Pro in furrow @ 9 oz/A. Movento @ 5 oz/A applied 1/23 and 2/2. AgriMek @ 12 oz/A applied 2/11 and 2/22. Oberon @ 12 oz/A applied 3/1 and 3/10. Scorpion @ 3 oz/A applied 3/21. Field was harvested 4/1 and had <1% ZC.
-W12: Admire Pro in furrow @ 9 oz/A. Movento @ 5 oz/A applied 3/3. Epimek @ 12 oz/A applied 3/11 and 3/22. Oberon @ 5 oz/A applied 4/7.
-W20: Admire Pro in furrow @ 9 oz/A. Movento @ 5 oz/A applied 3/3 and 3/13. Epimek @ 12 oz/A applied 4/4. Oberon @ 5oz/A applied 4/16. ZC much less than 1%.
-MAB: Admire Pro in furrow @ 9 oz/A. ZC much less than 1%.
-A4: Cultivar FL1867 planted 27 Dec 2012. Admire Pro in furrow @ 9 oz/A. Movento @ 5 oz/A applied 2/1 and 2/11. Epimek @ 12 oz/A applied 2/20 and 3/1. Oberon @ 5 oz/A applied 3/8 and 3/17. Field harvested this week and had 5% ZC from 100 randomly sampled tubers.
-Davis2: Cultivar FL 1867 planted 17 Jan 2013. Macho @ 10.2 oz/A in furrow. Epimek @ 12 oz/A applied 3/11 and 3/20.
-Weslaco UTC1: Cultivar 'Atlantic' planted 10 Dec 2012. 35% ZC from 100 randomly sampled tubers.
-Weslaco UTC2: Cultivar 'Atlantic' planted 7 Jan 2013. 38% ZC from 100 randomly sampled tubers.
-Weslaco UTC 3: Cultivar 'Atlantic' planted 4 February 2013.
-Weslaco November Potato: Cultivar 'Atlantic' planted 7 Nov 2012. 70% ZC from 100 randomly sampled tubers.

2. Pearsall

-Pearsall Mills. 327 eggs (3.27), 263 small nymphs (2.63), 27 large nymphs (0.27) (100 leaves).

3. Olton

-Olton CSS. 0 eggs, 0 small nymphs, 0 large nymphs (100 leaves)

Liberibacter Testing (thanks to Jim Crosslin's lab for providing results). Overall, 68 psyllids were tested, using 20 extractions. No Liberibacter-positive psyllids were detected.

Week 16 – Rec’d 68 potato psyllids; 20 extractions
(No samples rec’d from Pearsall area in time for PCR)

W 20___________11 (0+)
MAB___________8 (0+)
Weslaco UTC-3___2 (0+)
Stacy#2 _______45 (0+)
Pearsall Mills_____1 (0+)

Don Henne, Ph.D.
Assistant Professor
Subtropical Pest Management Laboratory
Texas A&M AgriLife Research and Extension Center at Weslaco
2415 E. Highway 83
Weslaco, TX 78596
(956) 969-5634 (office)

http://weslaco.tamu.edu/directory/faculty/don-henne/
http://weslaco.tamu.edu/research-programs/entomology/
dchenne@ag.tamu.edu