



*The Integrated Pest Management (IPM) Newsletter
 for the Row Crops in the Lower Rio Grande Valley*

2401 East Highway 83
 Weslaco, Texas 78596
 Telephone (956) 968-5581
 Fax (956) 969-5639
 WebSite: <http://entowww.tamu.edu>
 TPMA Newsletter Website: www.tpma.org
 District 12 Website: <http://agfacts.tamu.edu/D12>

PEST CAST

Manda Cattaneo
 Extension Agent - IPM

GENERAL SITUATION: The LRGV has seen no end to the dry hot conditions. The number of diapause treatments by the LRGV Boll Weevil Eradication Program has increased rapidly. Cotton defoliation and harvesting has started.

Silverleaf whitefly populations have increased in the mid-valley and other scattered irrigated cotton fields. Reports of SLWF populations and number of insecticide applications having a positive association were received this week. Those fields which have had repeated applications of insecticides need to be monitored closely for SLWF populations, honey dew, and the sooty mold fungus. Thus far, honey dew levels appear to be light on the leaves and should not have an impact on yields. No reports of sooty mold fungus have been received. If sooty mold in large quantities does occur, this could effect cotton quality. If SLWF populations increase past economic injury levels, insecticides may be required. Insecticide coverage is a important factor in the control of SLWF. The application should be directed towards the underside of leaves, in order for the application to be effective on the SLWF populations.

The date of the **Texas A & M Cotton Variety and Defoliation Field Day** has not been set. It will be during the week of July 18th. See next weeks pest cast for the date and time.

Rio Farms Cotton Field Tour is set for July 14th. Please see attached flier.

Boll weevils continued to cause damage in the cotton fields that are still actively growing. At this point, insecticide applications are needed to reduce the boll weevil population levels for next season.

All work units (with the exception of 1704-Misson Sharryland and 1713-Progresso) will receive blanket treatments by the LRGV Boll Weevil Eradication Program this next week. Fields will be sprayed weekly with Malathion ULV until the cotton is destroyed and no longer hostable.

The **LRGV Boll Weevil Eradication Program** has provided the following trapping information from the three district offices (Harlingen, Edinburg, and Raymondville) in the LRGV Zone.

| Boll Weevil Trapping Information for the Week Ending on 7/01/05 | | | |
|--|------------------|-----------------|---------------------|
| | Harlingen | Edinburg | Raymondville |
| Total BW Captured | 30,091 | 14,752 | 24,917 |
| Total Traps Inspected | 1,744 | 1,121 | 1,798 |
| Avg BW / Trap Inspected | 17.25 | 13.16 | 13.86 |

Reminder: The Boll Weevil Eradication Program assessment is due July 15.

| Cotton <u>H</u> eat <u>U</u> nit Accumulation Table | | | |
|---|-------------|----------------|-------------|
| Planting Dates | Accum. H.U. | Planting Dates | Accum. H.U. |
| 2/15 | 2458 | 3/15 | 2208 |
| 3/01 | 2327 | 4/01 | 2014 |

| Extension Boll Weevil Traps - No. of Boll Weevils per trap per day. | | | | | | | | | | | | | | |
|---|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Fld # | Location | Week | | | | | | | | | | | | |
| | | 4/4 | 4/11 | 4/18 | 4/25 | 5/2 | 5/9 | 5/16 | 5/23 | 5/30 | 6/6 | 6/13 | 6/20 | 7/4 |
| 1 | Northeast Weslaco | 3.04 | 1.17 | 2 | 0.38 | 0.45 | 0.03 | 0.14 | 0.02 | 0.02 | 0.04 | 0.81 | 0.11 | 0.84 |
| 2 | East of Delta Lake | 9.75 | 9.87 | 5.81 | 2.10 | 1.32 | 0.17 | 0.6 | 0.17 | 0.23 | 0.06 | 0.11 | 0.07 | 0.21 |
| 3 | FM 490 & FM 2099 | 0.83 | 0.43 | 0.2 | 0.10 | 0 | 0 | 0.17 | 0.03 | 0.19 | 0 | 0.14 | 0.19 | 1.34 |
| 4 | Harlingen Airport | 7.5 | 2.97 | 2.55 | 0.78 | 0.67 | 0.07 | 0.14 | 0.16 | 0.38 | 0.10 | 0.14 | 0.48 | 1.78 |
| 5 | SE of Rangerville | 7.36 | 5.17 | 4.93 | 0.62 | 1.26 | 0.07 | 0.28 | 0.07 | 0.2 | 0.06 | 1.64 | 0.17 | 1.02 |

 THE INFORMATION GIVEN HEREIN IS FOR EDUCATIONAL PURPOSES ONLY. REFERENCES TO COMMERCIAL PRODUCTS OR TRADE NAMES ARE MADE WITH THE UNDERSTANDING THAT NO DISCRIMINATION IS INTENDED AND NO ENDORSEMENT BY THE COOPERATIVE EXTENSION SERVICE IS IMPLIED.

