

Table 24

Texas Summary

Cotton Insect Losses - 2013

| Pest | acres infested | acres treated | #apps/ acre trtd | #apps/ tot acres | cost/ acre | %red | Bales lost |
|-------------------------------|-----------------------|----------------------|-----------------------------|-----------------------------|-------------------|-------------|-------------------|
| Boll Weevil | 8,500 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Bollworm/Budworm | 696,812 | 94,305 | 1 | 0.029 | \$0.21 | 0.066% | 4,349 |
| Pink Bollworm | 0 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Cotton Fleahopper | 1,063,755 | 545,485 | 1 | 0.186 | \$1.20 | 0.481% | 18,828 |
| <i>Lygus</i> | 106,990 | 9,970 | 0 | 0.003 | \$0.00 | 0.000% | 8 |
| Cotton Leaf Perforator | 0 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Spider Mites | 281,476 | 22,867 | 1 | 0.007 | \$0.06 | 0.028% | 1,963 |
| Thrips | 2,390,130 | 693,965 | 1 | 0.210 | \$0.52 | 0.095% | 6,988 |
| Beet Armyworm | 569,690 | 1,245 | 0 | 0.000 | \$0.00 | 0.001% | 91 |
| Fall Armyworm | 480,489 | 2,490 | 0 | 0.001 | \$0.00 | 0.000% | 0 |
| Brown Stink Bugs | 0 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Stink Bugs | 1,051,480 | 101,675 | 0 | 0.031 | \$0.06 | 0.000% | 0 |
| Grasshoppers | 1,381,214 | 5,395 | 0 | 0.002 | \$0.00 | 0.005% | 119 |
| Saltmarsh Caterpillars | 274,200 | 1,828 | 1 | 0.001 | \$0.00 | 0.000% | 0 |
| Aphids | 852,525 | 62,713 | 1 | 0.019 | \$0.15 | 0.057% | 1,643 |
| Banded Winged Whitefly | 109,494 | 0 | 0 | 0.000 | \$0.00 | 0.006% | 410 |
| Silverleaf Whitefly (Bemisia) | 170,126 | 7,055 | 1 | 0.003 | \$0.02 | 0.000% | 17 |
| Loopers | 91,400 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Yellow striped armyworm | 36,560 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Cutworms | 0 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Clouded Plant bugs | 18,280 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Verde Plant Bugs | 66,525 | 16,393 | 1 | 0.006 | \$0.04 | 0.000% | 0 |
| Leaf-footed bug | 31,125 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Omnivorous Leafroller | 0 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| Wireworm | 0 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| <i>Kurtomathrips</i> | 18,280 | 0 | 0 | 0.000 | \$0.00 | 0.000% | 0 |
| | | | | 0.498 | \$2.28 | 0.739% | 34416 |

| Yield & Management Results | |
|---------------------------------------|-----------|
| Total Acres | 3,300,000 |
| Total bales Harvested | 4,213,444 |
| yield (lbs/acre) | 613 |
| Total bales Lost to Insects | 34,416 |
| Percent Yield Loss | 0.74% |
| Yield w/o Insects (lbs/ac) | 617 |
| Ave. # Spray Applications | 0.50 |
| Bales lost all factors | 1,877,634 |
| % yield loss all factors | 31% |

| Economic Results | Total | Per Acre | |
|---------------------------|---------------|-----------------|--------|
| Foliar Insecticides Costs | \$7,511,894 | \$2.28 | |
| At Planting Costs | \$42,358,437 | \$12.84 | |
| In-furrow costs | \$508,200 | \$0.15 | |
| Scouting costs | \$6,838,371 | \$2.07 | |
| Eradication costs | \$13,683,510 | \$4.15 | |
| Transgenic cotton | \$33,817,863 | \$10.25 | |
| Total Costs | \$104,718,274 | \$31.73 | |
| Yield Lost to insects | \$13,050,412 | \$3.95 | |
| Total Losses + Costs | \$117,768,687 | \$35.69 | |
| BW erad | \$4.15 | PBW erad | \$0.00 |