

Table 16

Louisiana Summary

Cotton Insect Losses 2014

| Pest | acres infested | acres treated | #apps/ acre trtd | #apps/ tot acres | cost/ acre | %red | Bales lost |
|-------------------------------|----------------|---------------|---------------------|---------------------|------------|---------|------------|
| Bollworm/Budworm | 166,807 | 66,723 | 2 | 0.80 | \$8.80 | 5.000% | 62,309 |
| Beet Armyworm | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Fall Armyworm | 25,021 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Loopers | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Cutworms | 0 | 2 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Saltmarsh Caterpillar | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Verde Plant bug | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Cotton Fleahopper | 33,361 | 16,681 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Lygus | 166,807 | 166,807 | 4 | 4.00 | \$44.00 | 5.000% | 62,309 |
| Stink Bugs | 125,105 | 8,340 | 1 | 0.05 | \$0.35 | 0.075% | 935 |
| Clouded Plant bugs | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Other Bugs | 0 | 0 | 1 | 0.00 | \$0.00 | 0.000% | 0 |
| Bagrada Bug | 0 | 0 | 1 | 0.00 | \$0.00 | 0.000% | 0 |
| Leaf-footed Bugs | 0 | 0 | 1 | 0.00 | \$0.00 | 0.000% | 0 |
| Spider Mites | 83,404 | 25,021 | 1 | 0.18 | \$2.34 | 0.250% | 3,115 |
| Thrips | 166,807 | 125,105 | 1 | 0.75 | \$5.25 | 3.000% | 37,385 |
| Aphids | 166,807 | 16,681 | 1 | 0.10 | \$0.60 | 0.000% | 0 |
| Grasshoppers | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Banded Winged Whitefly | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Silverleaf Whitefly (Bemisia) | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Darkling Beetle | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Pale-striped Flea Beetle | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| Boll Weevil | 0 | 0 | 0 | 0.00 | \$0.00 | 0.000% | 0 |
| | | | | 5.88 | \$61.34 | 13.325% | 166,054 |

Yield & Management Results

| | |
|-----------------------------|---------|
| Total Acres | 166,807 |
| Total bales Harvested | 382,266 |
| yield (lbs/acre) | 1,100 |
| Total bales Lost to Insects | 166,054 |
| Percent Yield Loss | 13.33% |
| Yield w/o Insects (lbs/ac) | 1,269 |
| Ave. # Spray Applications | 5.88 |
| Bales lost all factors | 863,915 |
| % yield loss all factors | 69.33% |

Economic Results

| | Total | Per Acre |
|----------------------------------|--------------|----------|
| Foliar Insecticides Costs | \$10,231,941 | \$61.34 |
| At Planting Costs | \$2,502,105 | \$15.00 |
| In-furrow costs | \$0 | \$0.00 |
| Scouting costs | \$1,000,842 | \$6.00 |
| Eradication costs | \$1,000,842 | \$6.00 |
| Transgenic cotton | \$3,316,861 | \$19.88 |
| Total Costs | \$18,052,591 | \$108.22 |
| Yield Lost to insects | \$58,982,248 | \$353.60 |
| Total Losses + Costs | \$77,034,839 | \$461.82 |