

| Pest | Mississippi Delta nonBt | | Cotton Insect Losses ♦ 2004 | | | | |
|-------------------------------|-------------------------|---------------|-----------------------------|------------------|------------|-------|------------|
| | acres infested | acres treated | # insect appls | Cost of 1 applic | cost/ acre | % red | Bales lost |
| Boll Weevil | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Bollworm/Budworm | 77,500 | 69,750 | 1.260 | \$8.50 | \$10.71 | 2.80 | 7,233 |
| Pink Bollworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Cotton Fleahopper | 900 | 0 | 0.000 | N/A | 0.00 | 0.00 | 0 |
| Lygus | 77,500 | 73,625 | 4.750 | \$8.25 | \$39.19 | 2.00 | 5,167 |
| Cotton Leaf Perforator | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Spider Mites | 38,750 | 3,875 | 0.050 | \$12.75 | \$0.64 | 0.13 | 323 |
| Thrips | 73,625 | 22,087 | 0.285 | \$5.00 | \$1.42 | 0.24 | 614 |
| Beet Armyworm | 6,000 | 4,200 | 0.060 | \$9.00 | \$0.54 | 0.01 | 20 |
| Fall Armyworm | 23,000 | 8,000 | 0.134 | \$9.00 | \$1.21 | 0.07 | 192 |
| European Cornborer | 2,000 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Stink Bugs | 60,000 | 12,000 | 0.155 | \$7.00 | \$1.08 | 0.15 | 400 |
| Grasshoppers | 3,500 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Saltmarsh Caterpillars | 6,500 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Aphids | 70,000 | 20,000 | 0.258 | \$9.00 | \$2.32 | 0.09 | 233 |
| Banded Winged Whitefly | 22,000 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Silverleaf Whitefly (Bemesia) | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Loopers | 6,500 | 1,200 | 0.015 | \$8.50 | \$0.13 | 0.00 | 2 |
| Southern Armyworms | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Clouded Plant Bugs | 2,000 | 250 | 0.003 | \$8.00 | \$0.03 | 0.00 | 0 |
| Cutworms | 15,000 | 29,000 | 0.374 | \$2.00 | \$0.75 | 0.00 | 5 |

| | |
|-----------------------|-------------|
| Percent Lost | 5.49 |
| Total Acres | 77,500 |
| Total Bales lost | 14,189 |
| Bales lost in dollars | \$4,086,324 |

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|--------------------|--------------|
| Est. yield/acre | 1,100 |
| Spray applications | 7.345 |
| Cost + loss | \$10,401,914 |
| Cost + loss/acre | \$134.22 |

| | |
|--------------------|------------|
| | Cost/ Acre |
| Foliar insecticide | \$58.02 |
| At planting | \$8.10 |
| Bt use fees | \$0.00 |
| Eradication | \$8.25 |
| Scouting | \$7.13 |
| Total | \$81.49 |