

Table 8b

| Pest | Alabama Central | | | Cotton Insect Losses 2007 | | | |
|-------------------------------|-----------------|---------------|----------------|---------------------------|------------|-------|------------|
| | 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 | 0.000 | 0 |
| Bollworm/Budworm | 75,000 | 10,000 | 0.133 | \$8.00 | \$1.07 | 1.000 | 1,484 |
| Pink Bollworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cotton Fleahopper | 2,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Lygus | 70,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cotton Leaf Perforator | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Spider Mites | 10,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Thrips | 75,000 | 25,000 | 0.333 | \$6.50 | \$2.17 | 3.000 | 4,453 |
| Beet Armyworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Fall Armyworm | 10,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| European Cornborer | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Stink Bugs | 70,000 | 5,000 | 0.067 | \$7.00 | \$0.47 | 0.467 | 693 |
| Grasshoppers | 15,000 | 2,000 | 0.027 | \$7.00 | \$0.19 | 0.000 | 0 |
| Saltmarsh Caterpillars | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Aphids | 70,000 | 2,000 | 0.027 | \$9.00 | \$0.24 | 0.000 | 0 |
| Banded Winged Whitefly | 5,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Silverleaf Whitefly (Bemesia) | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Loopers | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Southern Armyworms | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Other Insects | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cutworms | 1,000 | 10,000 | 0.133 | \$2.00 | \$0.27 | 0.000 | 0 |

| | |
|-----------------------|-------------|
| Percent Lost | 4.47 |
| Total Acres | 75,000 |
| Harvested acres | |
| Total Bales lost | 6,630 |
| Bales lost in dollars | \$1,909,500 |

| | |
|--------------------|-------------|
| Est. yield/acre | 435 |
| Spray applications | 0.720 |
| Cost + loss | \$5,126,625 |
| Cost + loss/acre | \$68.36 |

| | |
|--------------------|-----------|
| | Cost/Acre |
| Foliar insecticide | \$4.39 |
| At planting | \$10.36 |
| Bt use fees | \$22.53 |
| Eradication | \$3.75 |
| Scouting | \$1.87 |
| Total | \$42.90 |

