

Table 8b Alabama Central Cotton Insect Losses – 2005

| Pest | 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 | 80,000 | 20,000 | 0.250 | \$7.50 | \$1.88 | 2.000 | 3,167 |
| Pink Bollworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cotton Fleahopper | 5,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Lygus | 80,000 | 10,000 | 0.125 | \$7.00 | \$0.88 | 1.000 | 1,583 |
| Cotton Leaf Perforator | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Spider Mites | 5,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Thrips | 80,000 | 12,000 | 0.150 | \$5.50 | \$0.83 | 0.500 | 792 |
| Beet Armyworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Fall Armyworm | 0 | 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 | 80,000 | 60,000 | 0.750 | \$7.00 | \$5.25 | 3.000 | 4,750 |
| Grasshoppers | 30,000 | 5,000 | 0.063 | \$6.75 | \$0.42 | 0.000 | 0 |
| Saltmarsh Caterpillars | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Aphids | 80,000 | 3,000 | 0.038 | \$9.50 | \$0.36 | 0.000 | 0 |
| Banded Winged Whitefly | 0 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Silverleaf Whitefly (Bemisia) | 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 | 15,000 | 0 | 0.000 | N/A | \$0.00 | 0.000 | 0 |
| Cutworms | 2,000 | 8,000 | 0.100 | \$2.00 | \$0.20 | 0.000 | 0 |
| Percent Lost | 6.50 | | Est. yield/acre | 740 | | | Cost/ Acre |
| | | | | | | Foliar insecticide | \$9.80 |

| | | | | | |
|-----------------------|-------------|--------------------|-------------|-------------|---------|
| Total Acres | 80,000 | Spray applications | 1.475 | At planting | \$10.73 |
| Harvested acres | | | | Bt use fees | \$18.90 |
| | | Cost + loss | \$6,742,250 | Eradication | \$4.50 |
| Total Bales lost | 10,292 | | | Scouting | \$3.30 |
| Bales lost in dollars | \$2,964,000 | Cost + loss/acre | \$84.28 | Total | \$47.23 |