

Table 10b Arkansas Southeast Cotton Insect Losses 2006

| Pest | acres infested | acres treated | # insect appls | Cost of 1 applic | cost/ acre | %red | Bales lost |
|-------------------------------|----------------|---------------|--------------------|------------------|------------|--------------------|------------|
| Boll Weevil | 60,000 | 60,000 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Bollworm/Budworm | 500,000 | 400,000 | 2.000 | \$8.00 | \$16.00 | 1.00 | 15,625 |
| Pink Bollworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Cotton Fleahopper | 350,000 | 0 | 0.000 | N/A | 0.00 | 0.00 | 0 |
| Lygus | 500,000 | 450,000 | 2.970 | \$8.00 | \$23.76 | 2.00 | 31,250 |
| Cotton Leaf Perforator | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Spider Mites | 400,000 | 200,000 | 0.800 | \$18.00 | \$14.40 | 0.80 | 12,500 |
| Thrips | 500,000 | 250,000 | 0.500 | \$7.50 | \$3.75 | 0.10 | 1,563 |
| Beet Armyworm | 60,000 | 4,000 | 0.008 | \$10.00 | \$0.08 | 0.00 | 0 |
| Fall Armyworm | 320,000 | 195,000 | 0.585 | \$11.50 | \$6.73 | 0.16 | 2,500 |
| European Comborer | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Stink Bugs | 450,000 | 150,000 | 0.300 | \$8.00 | \$2.40 | 0.14 | 2,109 |
| Grasshoppers | 75,000 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Saltmarsh Caterpillars | 350,000 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Aphids | 450,000 | 185,000 | 0.555 | \$9.00 | \$5.00 | 0.00 | 0 |
| Banded Winged Whitefly | 200,000 | 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 | 300,000 | 15,000 | 0.000 | N/A | \$0.03 | 0.00 | 0 |
| Southern Armyworms | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Other Insects | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Cutworms | 200,000 | 50,000 | 0.100 | \$3.50 | \$0.35 | 0.00 | 0 |
| Percent Lost | 4.20 | | Est. yield/acre | 1,080 | | | Cost/ Acre |
| | | | | | | Foliar insecticide | \$72.49 |
| Total Acres | 500,000 | | Spray applications | 7.818 | | At planting | \$9.50 |
| | | | | | | Bt use fees | \$17.43 |
| | | | Cost + loss | \$78,118,250 | | Eradication | \$12.00 |
| Total Bales lost | 65,547 | | | | | Scouting | \$7.06 |
| Bales lost in dollars | \$18,877,500 | | Cost + loss/acre | \$156.24 | | Total | \$118.48 |