

Table 23c

| Pest | Texas North Rolling Plains | | | | Cotton Insect Losses 2007 | | |
|-------------------------------|----------------------------|---------------|----------------|------------------|---------------------------|------|------------|
| | acres infested | acres treated | # insect appls | Cost of 1 applic | cost/ acre | %red | Bales lost |
| Boll Weevil | 300 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Bollworm/Budworm | 625,000 | 30,000 | 0.040 | \$11.00 | \$0.44 | 0.42 | 5,534 |
| Pink Bollworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Cotton Fleahopper | 747,200 | 520,000 | 0.696 | \$8.50 | \$5.92 | 1.00 | 13,232 |
| Lygus | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Cotton Leaf Perforator | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Spider Mites | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Thrips | 747,200 | 20,000 | 0.027 | \$6.50 | \$0.17 | 0.00 | 0 |
| Beet Armyworm | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Fall Armyworm | 275,000 | 22,000 | 0.029 | \$11.00 | \$0.32 | 0.18 | 2,435 |
| European Cornborer | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Stink Bugs | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Grasshoppers | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Saltmarsh Caterpillars | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Aphids | 350,000 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |
| Banded Winged Whitefly | 0 | 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 | 0 | 0 | 0.000 | N/A | \$0.00 | 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 | 0 | 0 | 0.000 | N/A | \$0.00 | 0.00 | 0 |

| | |
|-----------------------|-------------|
| Percent Lost | 1.60 |
| Total Acres | 747,200 |
| Total Bales lost | 21,200 |
| Bales lost in dollars | \$6,105,720 |

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| Est. yield/acre | 620 |
| Spray applications | 0.792 |
| Cost + loss | \$23,662,136 |
| Cost + loss/acre | \$31.67 |

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|--------------------|-----------|
| | Cost/Acre |
| Foliar insecticide | \$6.85 |
| At planting | \$0.20 |
| Bt use fees | \$7.00 |
| Eradication | \$9.28 |
| Scouting | \$0.16 |
| Total | \$23.50 |

