

Table 23e Texas Northern Blacklands Cotton Insect Losses 2006

| Pest                          | acres infested | acres treated | # insect appls     | Cost of 1 applic | cost/ acre | %red               | Bales lost |
|-------------------------------|----------------|---------------|--------------------|------------------|------------|--------------------|------------|
| Boll Weevil                   | 96,957         | 0             | 0.000              | N/A              | \$0.00     | 0.00               | 0          |
| Bollworm/Budworm              | 32,000         | 5,300         | 0.055              | \$10.00          | \$0.55     | 1.49               | 2,100      |
| Pink Bollworm                 | 0              | 0             | 0.000              | N/A              | \$0.00     | 0.00               | 0          |
| Cotton Fleahopper             | 96,957         | 67,000        | 0.691              | \$7.50           | \$5.18     | 3.60               | 5,090      |
| 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                  | 31,000         | 3,500         | 0.036              | \$14.00          | \$0.51     | 0.16               | 226        |
| Thrips                        | 94,563         | 24,000        | 0.248              | \$7.60           | \$1.88     | 0.59               | 827        |
| Beet Armyworm                 | 40,000         | 8,000         | 0.083              | \$12.50          | \$1.03     | 0.54               | 758        |
| Fall Armyworm                 | 0              | 0             | 0.000              | N/A              | \$0.00     | 0.00               | 0          |
| European Comborer             | 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                  | 1,000          | 200           | 0.002              | \$8.00           | \$0.02     | 0.00               | 1          |
| Saltmarsh Caterpillars        | 0              | 0             | 0.000              | N/A              | \$0.00     | 0.00               | 0          |
| Aphids                        | 26,000         | 4,000         | 0.041              | \$9.00           | \$0.37     | 0.08               | 114        |
| 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                       | 3,000          | 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                      | 1,500          | 200           | 0.002              | \$9.50           | \$0.02     | 0.00               | 2          |
| Percent Lost                  | 6.45           |               | Est. yield/acre    | 406              |            |                    | Cost/ Acre |
|                               |                |               |                    |                  |            | Foliar insecticide | \$9.55     |
| Total Acres                   | 96,957         |               | Spray applications | 1.157            |            | At planting        | \$5.15     |
|                               |                |               |                    |                  |            | Bt use fees        | \$18.20    |
| Total Bales lost              | 9,119          |               | Cost + loss        | \$7,434,868      |            | Eradication        | \$13.50    |
| Bales lost in dollars         | \$2,626,399    |               | Cost + loss/acre   | \$76.68          |            | Scouting           | \$3.18     |
|                               |                |               |                    |                  |            | Total              | \$49.59    |