

Table 10b Southeast Arkansas Cotton Insect Lossese 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	450,000	450,000	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	450,000	420,000	3.733	\$9.75	\$36.40	3.00	35,156
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	250,000	0	0.000	N/A	0.00	0.02	195
Lygus	450,000	396,000	1.760	\$7.50	\$13.20	1.74	20,391
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	100,000	50,000	0.111	\$12.50	\$1.39	0.01	78
Thrips	450,000	427,000	1.234	\$6.00	\$7.40	0.10	1,172
Beet Armyworm	50,000	10,000	0.022	\$10.00	\$0.22	0.00	13
Fall Armyworm	350,000	200,000	0.533	\$10.00	\$5.33	0.07	820
European Cornborer	25,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	450,000	225,000	0.500	\$8.00	\$4.00	1.00	11,719
Grasshoppers	100,000	5,000	0.011	\$6.00	\$0.07	0.00	0
Saltmarsh Caterpillars	150,000	7,000	0.016	\$7.00	\$0.11	0.00	0
Aphids	300,000	100,000	0.222	\$9.00	\$2.00	0.00	0
Banded Winged Whitefly	200,000	7,000	0.016	\$9.00	\$0.14	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	275,000	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	100,000	75,000	0.167	\$5.00	\$0.83	0.00	0

Percent Lost	5.93
Total Acres	450,000
Total Bales lost	69,544
Bales lost in dollars	\$20,028,750

Est. yield/acre	900
Spray applications	8.325
Cost + loss	\$84,266,350
Cost + loss/acre	\$187.26

	Cost/ Acre
Foliar insecticide	\$71.09
At planting	\$9.50
Bt use fees	\$19.60
Eradication	\$35.00
Scouting	\$7.56
Total	\$142.75