

Table 10a Arkansas Northeast Cotton Insect Losses 2006

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	360,000	360,000	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	600,000	420,000	1.050	\$8.00	\$8.40	1.00	18,750
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	420,000	0	0.000	N/A	0.00	0.00	0
Lygus	600,000	540,000	2.430	\$8.25	\$20.05	2.00	37,500
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	450,000	200,000	0.667	\$18.00	\$12.00	0.38	7,031
Thrips	600,000	300,000	0.500	\$7.50	\$3.75	0.10	1,875
Beet Armyworm	100,000	10,000	0.017	\$10.00	\$0.17	0.00	0
Fall Armyworm	425,000	200,000	0.500	\$11.50	\$5.75	0.18	3,320
European Comborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	540,000	150,000	0.250	\$8.00	\$2.00	0.14	2,531
Grasshoppers	75,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	420,000	85,000	0.142	\$8.00	\$1.13	0.00	0
Aphids	540,000	50,000	0.083	\$9.00	\$0.75	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	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	180,000	50,000	0.083	\$3.50	\$0.29	0.00	0
Percent Lost	3.79		Est. yield/acre	1,075			Cost/ Acre
						Foliar insecticide	\$54.29
Total Acres	600,000		Spray applications	5.722		At planting	\$9.35
						Bt use fees	\$16.20
Total Bales lost	71,008		Cost + loss	\$79,468,750		Eradication	\$12.00
Bales lost in dollars	\$20,450,250		Cost + loss/acre	\$132.45		Scouting	\$6.53
						Total	\$98.36