

Table 10a Northeast Arkansas Cotton Insect Losses 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	950,000	950,000	1.053	\$6.00	\$6.32	0.15	3,438
Bollworm/Budworm	950,000	870,000	2.716	\$9.75	\$26.48	2.51	58,073
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	350,000	20,000	0.021	\$7.50	0.16	0.01	310
Lygus	950,000	796,000	1.886	\$7.50	\$14.15	1.87	43,307
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	350,000	150,000	0.158	\$12.17	\$1.92	0.03	651
Thrips	950,000	902,000	1.084	\$6.00	\$6.51	0.20	4,609
Beet Armyworm	75,000	10,000	0.011	\$10.00	\$0.11	0.00	13
Fall Armyworm	800,000	500,000	0.726	\$10.00	\$7.26	0.37	8,658
European Cornborer	45,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	950,000	325,000	0.342	\$8.00	\$2.74	0.63	14,583
Grasshoppers	150,000	6,000	0.006	\$6.00	\$0.04	0.00	0
Saltmarsh Caterpillars	250,000	12,000	0.013	\$7.00	\$0.09	0.00	0
Aphids	600,000	200,000	0.211	\$9.00	\$1.89	0.00	0
Banded Winged Whitefly	350,000	12,000	0.013	\$9.00	\$0.11	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	450,000	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	250,000	175,000	0.184	\$5.00	\$0.92	0.01	172

Percent Lost	5.77
Total Acres	950,000
Total Bales lost	133,814
Bales lost in dollars	\$38,538,450

Est. yield/acre	874
Spray applications	8.423
Cost + loss	\$161,487,050
Cost + loss/acre	\$169.99

	Cost/ Acre
Foliar insecticide	\$68.69
At planting	\$9.24
Bt use fees	\$18.55
Eradication	\$26.05
Scouting	\$6.89
Total	\$129.42