

Table 10a Arkansas Northeast Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	500,000	500,000	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	558,000	400,000	1.020	\$7.00	\$7.14	0.95	17,438
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	500,000	0	0.000	N/A	0.00	0.00	0
Lygus	558,000	558,000	1.898	\$7.50	\$14.23	1.19	21,797
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	475,000	265,000	1.127	\$18.00	\$20.28	1.01	18,555
Thrips	558,000	558,000	1.613	\$7.00	\$11.29	0.24	4,359
Beet Armyworm	300,000	100,000	0.170	\$10.00	\$1.70	0.10	1,875
Fall Armyworm	425,000	350,000	1.190	\$10.00	\$11.90	0.36	6,641
European Cornborer	5,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	558,000	200,000	0.340	\$8.00	\$2.72	0.24	4,359
Grasshoppers	50,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	425,000	25,000	0.043	\$7.50	\$0.32	0.01	266
Aphids	400,000	50,000	0.085	\$9.00	\$0.77	0.00	0
Banded Winged Whitefly	300,000	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	400,000	10,000	0.000	N/A	\$0.02	0.01	125
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	275,000	150,000	0.255	\$3.50	\$0.89	0.01	172
Percent Lost	4.11		Est. yield/acre	880			Cost/ Acre
						Foliar insecticide	\$71.27

Total Acres	588,000	Spray applications	7.742	At planting	\$8.66
				Bt use fees	\$16.69
		Cost + loss	\$91,851,200	Eradication	\$17.08
Total Bales lost	75,586			Scouting	\$5.49
Bales lost in dollars	\$21,768,750	Cost + loss/acre	\$156.21	Total	\$119.19