

Table 10 Arkansas Summary Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	700,000	500,000	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	1,000,000	776,000	1.495	\$7.61	\$11.38	0.97	32,171
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	800,000	0	0.000	N/A	0.00	0.00	0
Lygus	1,000,000	991,000	2.555	\$7.79	\$19.90	1.66	54,947
Cotton Leaf Perforator	33,150	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	785,000	343,000	0.757	\$18.00	\$13.62	0.64	21,138
Thrips	1,000,000	956,000	1.578	\$7.21	\$11.37	0.15	5,096
Beet Armyworm	388,000	108,000	0.105	\$10.00	\$1.05	0.06	1,875
Fall Armyworm	801,000	550,000	1.068	\$10.00	\$10.68	0.37	12,281
European Cornborer	10,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	1,000,000	430,000	0.417	\$8.00	\$3.34	0.13	4,359
Grasshoppers	150,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	630,000	25,000	0.024	\$7.50	\$0.18	0.01	266
Aphids	820,000	218,000	0.212	\$9.00	\$1.90	0.00	0
Banded Winged Whitefly	550,000	10,000	0.010	\$9.00	\$0.09	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	550,000	10,000	0.000	N/A	\$0.01	0.00	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	496,000	250,000	0.243	\$3.50	\$0.85	0.01	172
Percent Lost	4.00		Est. yield/acre	983			Cost/ Acre
						Foliar insecticide	\$74.37

Total Acres	1,030,000	Spray applications	8.463	At planting	\$9.19
				Bt use fees	\$18.23
		Cost + loss	\$165,130,580	Eradication	\$14.90
Total Bales lost	132,429			Scouting	\$6.60
Bales lost in dollars	\$38,139,630	Cost + loss/acre	\$160.32	Total	\$123.29