

Table 10 Arkansas Summary Cotton Insect Losses 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	500,000	500,000	2.000	\$6.00	\$12.00	0.30	3,438
Bollworm/Budworm	500,000	450,000	1.800	\$9.75	\$17.55	2.00	22,917
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	100,000	20,000	0.040	\$7.50	0.30	0.01	115
Lygus	500,000	400,000	2.000	\$7.50	\$15.00	2.00	22,917
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	250,000	100,000	0.200	\$12.00	\$2.40	0.05	573
Thrips	500,000	475,000	0.950	\$6.00	\$5.70	0.30	3,438
Beet Armyworm	25,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	450,000	300,000	0.900	\$10.00	\$9.00	0.68	7,838
European Cornborer	20,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	500,000	100,000	0.200	\$8.00	\$1.60	0.25	2,865
Grasshoppers	50,000	1,000	0.002	\$6.00	\$0.01	0.00	0
Saltmarsh Caterpillars	100,000	5,000	0.010	\$7.00	\$0.07	0.00	0
Aphids	300,000	100,000	0.200	\$9.00	\$1.80	0.00	0
Banded Winged Whitefly	150,000	5,000	0.010	\$9.00	\$0.09	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	175,000	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	150,000	100,000	0.200	\$5.00	\$1.00	0.02	172

Percent Lost	5.61	Est. yield/acre	850	Cost/ Acre	
Total Acres	500,000	Spray applications	8.512	Foliar insecticide	\$66.52
Total Bales lost	64,270	Cost + loss	\$77,220,700	At planting	\$9.00
Bales lost in dollars	\$18,509,700	Cost + loss/acre	\$154.44	Bt use fees	\$17.60
				Eradication	\$18.00
				Scouting	\$6.30
				Total	\$117.42