

Table 7 Summary of all States Cotton Insect Losses 2006

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	1,198,539	533,245	0.029	\$8.75	\$0.25	0.005	1,639
Bollworm/Budworm	9,428,335	4,871,201	0.398	\$8.37	\$3.33	0.876	315,603
Pink Bollworm	260,496	5,422	0.001	\$17.51	\$0.02	0.007	2,593
Cotton Fleahopper	5,569,671	707,845	0.057	\$8.30	\$0.47	0.058	21,036
Lygus	7,411,702	4,414,874	0.662	\$9.07	\$6.01	0.667	240,297
Cotton Leaf Perforator	35,341	325	0.000	\$14.00	\$0.00	0.000	6
Spider Mites	4,247,780	1,702,939	0.147	\$18.60	\$2.74	0.198	71,448
Thrips	11,401,629	4,616,506	0.324	\$6.46	\$2.09	0.382	137,486
Beet Armyworm	1,384,738	54,694	0.003	\$12.37	\$0.04	0.005	1,875
Fall Armyworm	3,922,165	790,621	0.066	\$10.80	\$0.72	0.069	24,991
European Cornborer	2,340	0	0.000	N/A	\$0.00	0.000	1
Stink Bugs	6,516,353	3,161,412	0.303	\$8.04	\$2.43	0.420	151,341
Grasshoppers	1,026,972	35,150	0.002	\$4.46	\$0.01	0.000	68
Saltmarsh Caterpillars	1,051,385	89,332	0.006	\$8.10	\$0.05	0.000	36
Aphids	8,192,128	2,040,694	0.147	\$9.57	\$1.41	0.175	62,981
Banded Winged Whitefly	581,422	1,000	0.000	\$9.95	\$0.00	0.000	0
Silverleaf Whitefly (Bemesia)	1,075,746	173,714	0.020	\$23.22	\$0.47	0.064	23,107
Loopers	1,814,888	57,501	0.004	\$10.61	\$0.04	0.000	85
Southern Armyworms	26,300	0	0.000	N/A	\$0.00	0.000	0
Other Insects	624,008	254,672	0.022	\$8.14	\$0.18	0.030	10,917
Cutworms	1,670,012	1,585,576	0.101	\$2.63	\$0.27	0.000	28
Percent Lost	2.96		Est. yield/acre	634			Cost/ Acre
						Foliar insecticide	\$20.53
Total Acres	14,844,744		Spray applications	2.293		At planting	\$5.91
						Bt use fees	\$9.43
Total Bales lost	1,065,537		Cost + loss	\$1,020,546,282		Eradication*	\$8.22
						Scouting	\$3.98
Bales lost in dollars	\$306,874,779		Cost + loss/acre	\$68.75		Total	\$48.08

*Eradication - PBW (\$0.32) + Boll Weevil (\$7.90) = \$8.22