

Table 7 Summary of All States Cotton Insect Losses 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	2,096,889	1,410,386	0.168	\$6.06	\$1.02	0.077	21,706
Bollworm/Budworm	9,241,324	5,119,257	0.751	\$8.91	\$6.69	1.394	391,772
Pink Bollworm	461,687	100,132	0.027	\$15.00	\$0.40	0.021	5,983
Cotton Fleahopper	5,190,820	1,294,553	0.162	\$6.42	\$1.04	0.322	90,573
Lygus	6,653,375	3,763,701	0.655	\$8.68	\$5.69	0.897	252,288
Cotton Leaf Perforator	220,173	13,151	0.001	\$8.80	\$0.01	0.000	47
Spider Mites	2,800,749	864,033	0.080	\$22.46	\$1.79	0.122	34,367
Thrips	11,504,430	3,418,043	0.290	\$6.34	\$1.84	0.261	73,408
Beet Armyworm	1,267,902	269,129	0.025	\$15.69	\$0.39	0.032	9,110
Fall Armyworm	2,091,205	839,113	0.085	\$9.87	\$0.84	0.093	26,235
European Comborer	289,838	0	0.000	N/A	\$0.00	0.000	1
Stink Bugs	6,711,557	2,914,175	0.355	\$7.38	\$2.62	0.735	206,657
Grasshoppers	1,554,003	109,750	0.010	\$8.29	\$0.09	0.013	3,766
Saltmarsh Caterpillars	755,604	12,191	0.001	\$7.00	\$0.01	0.000	5
Aphids	8,735,232	1,482,796	0.121	\$10.17	\$1.23	0.094	26,539
Banded Winged Whitefly	1,403,154	30,045	0.002	\$9.63	\$0.02	0.007	1,972
Silverleaf Whitefly (Bemesia)	1,016,946	526,136	0.065	\$30.02	\$1.95	0.053	15,010
Loopers	1,492,581	137,128	0.010	\$8.78	\$0.09	0.007	1,895
Southern Armyworms	534,000	4,000	0.000	\$7.75	\$0.00	0.000	0
Other Insects	839,088	358,053	0.042	\$8.54	\$0.36	0.027	7,729
Cutworms	1,715,050	1,320,345	0.103	\$2.84	\$0.29	0.004	1,159

Percent Lost	4.16	Est. yield/acre	704	Foliar insecticide	Cost/ Acre
Total Acres	12,556,433	Spray applications	2.953	At planting	\$26.36
Total Bales lost	1,170,223	Cost + loss	\$1,073,675,111	Bt use fees	\$6.18
Bales lost in dollars	\$337,024,194	Cost + loss/acre	\$85.51	Eradication	\$11.61
				Scouting	\$9.96
				Total	\$4.56
					\$58.67