

Table 8

Summary of All States

Cotton insect losses 2011

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	185,353	17,500	3.00	0.01	\$0.01	0.00%	0
Bollworm/Budworm	5,702,269	1,990,592	1.53	0.30	\$2.04	0.38%	103,781
Pink Bollworm	18,184	1	0.00	0.00	\$0.00	0.00%	0
Cotton Fleahopper	2,658,864	1,055,418	2.02	0.21	\$0.93	0.09%	16,200
Lygus	5,098,902	3,112,214	3.37	1.02	\$12.57	1.03%	313,941
Cotton Leaf Perforator	18,310	1	0.00	0.00	\$0.00	0.00%	0
Spider Mites	4,290,794	1,347,324	1.35	0.18	\$2.60	0.17%	57,441
Thrips	8,574,843	4,492,042	1.16	0.51	\$2.43	0.69%	167,445
Beet Armyworm	966,329	15,444	0.93	0.00	\$0.02	0.00%	6
Fall Armyworm	1,012,570	62,849	0.43	0.00	\$0.03	0.01%	3,244
European Comborer	0	0	0.00	0.00	\$0.00	0.00%	0
Stink Bugs	4,775,848	2,629,184	1.09	0.28	\$2.05	0.51%	108,438
Grasshoppers	889,911	144,026	0.91	0.01	\$0.08	0.01%	1,482
Saltmarsh Caterpillars	255,801	430	1.00	0.00	\$0.00	0.00%	17
Aphids	6,093,761	872,587	0.89	0.08	\$0.81	0.03%	8,581
Banded Winged Whitefly	537,126	6,570	0.96	0.00	\$0.01	0.00%	173
Silverleaf Whitefly (Bemesia)	616,184	184,301	0.90	0.02	\$0.45	0.03%	10,158
Loopers	517,856	6,000	1.00	0.00	\$0.01	0.00%	397
Southern Armyworms	16,651	0	0.00	0.00	\$0.00	0.00%	0
Cutworms	585,598	737,499	0.94	0.07	\$0.29	0.00%	566
Clouded Plant bugs	615,905	108,685	1.00	0.01	\$0.08	0.03%	10,519
Other Insects 1	602,363	107,941	0.99	0.01	\$0.03	0.04%	54,877
				2.690	\$24.44	3.03%	856784

Yield & Management Results	
Total Acres	10,272,288
Total bales Harvested	16,627,155
yield (lbs/acre)	777
Total bales Lost to Insects	857,265
Percent Yield Loss	3.03%
Yield w/o Insects (lbs/ac)	801
Ave. # Spray Applications	2.69
Bales lost all factors	8,562,605
% yield loss all factors	33.99%

Economic results	Total	Per Acre
Foliar Insecticides Costs	\$251,043,287	\$24.44
At Planting Costs	\$83,258,791	\$8.11
In-furrow costs	\$29,340,336	\$2.86
Scouting costs	\$56,451,232	\$5.50
Eradication costs	\$52,499,492	\$5.11
Transgenic cotton	\$167,824,266	\$16.34
Total Costs	\$640,417,404	\$62.34
Yield Lost to insects	\$381,669,896	\$37.16
Total Losses + Costs	\$1,022,087,301	\$99.50

**PBWerad = \$.52 Boll Weevil erad = \$4.59