

**Table 8**

**Summary of All States**

**Cotton Insect Losses – 2013**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	8,500	0	0.00	0.00	\$0.00	0.000%	0
Bollworm/Budworm	2,827,071	711,887	0.99	0.09	\$0.69	0.161%	33,235
Pink Bollworm	0	0	0.00	0.00	\$0.00	0.000%	0
Cotton Fleahopper	1,778,425	621,682	1.11	0.09	\$0.60	0.217%	21,637
Lygus	2,992,775	2,020,233	3.68	0.94	\$10.18	0.782%	188,520
Cotton Leaf Perforator	0	0	0.00	0.00	\$0.00	0.000%	0
Spider Mites	1,977,503	776,155	1.33	0.13	\$1.85	0.133%	34,211
Thrips	6,704,407	3,404,654	1.36	0.59	\$3.21	0.553%	116,686
Beet Armyworm	688,587	1,823	0.91	0.00	\$0.00	0.001%	164
Fall Armyworm	870,694	15,240	0.25	0.00	\$0.01	0.002%	537
Brown Stink Bugs	110,829	64,306	1.89	0.02	\$0.31	0.026%	8,351
Stink Bugs	4,300,116	2,430,586	2.27	0.70	\$5.34	0.684%	143,193
Grasshoppers	2,079,506	139,752	0.48	0.01	\$0.08	0.003%	257
Saltmarsh Caterpillars	293,003	2,068	1.00	0.00	\$0.00	0.000%	16
Aphids	3,488,565	420,284	0.95	0.05	\$0.53	0.037%	4,273
Banded Winged Whitefly	375,796	7,390	1.00	0.00	\$0.01	0.003%	512
Silverleaf Whitefly (Bemisia)	716,740	253,932	1.44	0.05	\$1.03	0.044%	11,930
Loopers	156,012	0	0.00	0.00	\$0.00	0.000%	0
Southern Armyworms	81,260	0	0.00	0.00	\$0.00	0.000%	0
Cutworms	375,392	401,344	0.94	0.05	\$0.20	0.000%	10
Clouded Plant bugs	492,502	42,800	1.00	0.01	\$0.04	0.031%	7,193
Other Insects 1	87,343	16,506	1.30	0.00	\$0.02	0.000%	10
Other Insects 2	34,665	254	1.00	0.00	\$0.00	0.000%	1
Other Insects 3	830	0	0.00	0.00	\$0.00	0.000%	28,047
Other Insects 4	37,047	0	0.00	0.00	\$0.00	0.000%	0
Other Insects 5	79,711	243	1.00	0.00	\$0.00	0.000%	0
				2.71	\$24.10	2.68%	598,782

<b>Yield &amp; Management Results</b>	
Total Acres	7,904,360
Total bales Harvested	13,257,842
yield (lbs/acre)	805
Total bales Lost to Insects	598,782
Percent Yield Loss	2.68%
Yield w/o Insects (lbs/ac)	827
Ave. # Spray Applications	2.71
Bales lost all factors	5,143,775
% yield loss all factors	27.95%

<b>Economic results</b>	Total	Per Acre
Foliar Insecticides Costs	\$190,480,052	\$24.10
At Planting Costs	\$90,552,216	\$11.46
In-furrow costs	\$3,594,397	\$0.45
Scouting costs	\$37,241,667	\$4.71
*Eradication costs*	\$26,774,857	\$3.39
Transgenic cotton	\$138,279,600	\$17.49
Total Costs	\$486,922,788	\$61.60
Yield Lost to insects	\$228,560,841	\$28.92
Total Losses + Costs	\$715,483,630	\$90.52
**PBWerad	\$0.35	B.Weevil erad = \$3.03