Table 9B　　　　　　　　　　　　　South Alabama　　　　　　　　　　Cotton Insect Losses 2012

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.00	$0.00	0.00%	0
Bollworm/Budworm	60,518	23,681	1.0	0.09	$0.72	0.02%	160
Pink Bollworm	0	0	0.0	0.00	$0.00	0.00%	0
Cotton Fleahopper	0	0	0.0	0.00	$0.00	0.00%	0
Lygus	7,894	2,631	1.0	0.01	$0.06	0.00%	0
Cotton Leaf Perforator	0	0	0.0	0.00	$0.00	0.00%	0
Spider Mites	0	0	0.0	0.00	$0.00	0.00%	0
Thrips	263,123	52,625	1.0	0.20	$1.20	1.50%	10,463
Beet Armyworm	0	0	0.0	0.00	$0.00	0.00%	0
Fall Armyworm	0	0	0.0	0.00	$0.00	0.00%	0
European Cornborer	0	0	0.0	0.00	$0.00	0.00%	0
Stink Bugs	197,342	65,781	1.0	0.25	$2.00	0.38%	2,616
Grasshoppers	197,342	131,562	1.0	0.50	$4.00	0.00%	0
Saltmarsh Caterpillars	0	0	0.0	0.00	$0.00	0.00%	0
Aphids	131,562	26,312	1.0	0.10	$0.80	0.05%	349
Banded Winged Whitefly	7,894	5,262	1.0	0.02	$0.20	0.00%	0
Silverleaf Whitefly (Bemesia)	0	0	0.0	0.00	$0.00	0.00%	0
Loopers	0	0	0.0	0.00	$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	$0.00	0.00%	0
Cutworms	0	0	0.0	0.00	$0.00	0.00%	0
Clouded Plant bugs	0	0	0.0	0.00	$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	$0.00	0.00%	0
				1.17	$8.98	1.95%	13,588

Yield & Management Results	
Total Acres	263,123
Total bales Harvested	465,947
yield (lbs/acre)	850
Total bales Lost to Insects	13,588
Percent Yield Loss	1.95%
Yield w/o Insects (lbs/ac)	867
Ave. # Spray Applications	1.17
Bales lost all factors	215,429
% yield loss all factors	32.9%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	$2,362,845	$8.98
At Planting Costs	$2,230,000	$8.48
In-furrow costs	$315,600	$1.20
Scouting costs	$2,230,000	$8.48
Eradication costs	$1,408,000	$5.35
Transgenic cotton	$920,931	$3.50
Total Costs	$9,467,375	$35.98
Yield Lost to insects	$4,891,607	$18.59
Total Losses + Costs	$14,358,982	$54.57