

Table 26

Southeast Area States Summary

Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	1,169,700	130,420	1	0.06	\$0.38	0.184%	10,246
Beet Armyworm	59,220	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	153,100	0	0	0.00	\$0.00	0.000%	0
Loopers	0	516	0	0.00	\$0.00	0.000%	0
Cutworms	72,758	2,438	1	0.00	\$0.00	0.001%	60
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	260,000	2,580	0	0.00	\$0.00	0.000%	0
Lygus	1,408,450	627,450	1	0.44	\$2.68	0.315%	17,988
Stink Bugs	2,048,400	1,599,550	2	1.37	\$9.25	1.216%	68,841
Clouded Plant bugs	133,900	24,418	1	0.01	\$0.06	0.005%	292
Brown Stink bug	0	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	29,900	8,500	1	0.00	\$0.02	0.004%	225
Spider Mites	992,200	168,020	1	0.08	\$0.68	0.151%	8,601
Thrips	2,181,000	1,120,050	1	0.57	\$3.19	0.672%	36,983
Aphids	1,156,250	161,990	1	0.07	\$0.55	0.027%	1,572
Grasshoppers	260,800	130,175	1	0.06	\$0.23	0.000%	0
Banded Winged Whitefly	176,250	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetles	0	0	0	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0	0.00	\$0.00	0.000%	0
Crickets	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevils	0	0	0	0.00	\$0.00	0.000%	0
				2.66	\$17.06	2.576%	144,809

Yield & Management Results	
Total Acres	2,236,500
Total bales Harvested	3,981,000
yield (lbs/acre)	854
Total bales Lost to Insects	144,809
Percent Yield Loss	2.58%
Yield w/o Insects (lbs/ac)	877
Ave. # Spray Applications	2.66
Bales lost all factors	1,678,269
% yield loss all factors	29.79%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$38,149,267	\$17.06
At Planting Costs	\$22,598,550	\$10.10
In-furrow costs	\$3,609,665	\$1.61
Scouting costs	\$12,296,163	\$5.50
Eradication costs	\$3,416,750	\$1.53
Transgenic cotton	\$38,449,882	\$17.19
Total Costs	\$118,520,277	\$52.99
Yield Lost to insects	\$44,819,021	\$20.04
Total Losses + Costs	\$163,339,298	\$73.03