

Table 26

## Southeast Area States Summary

Cotton Insect Losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	937,069	331,327	1	0.20	\$1.46	0.311%	19,021
Beet Armyworm	11,900	28	0	0.00	\$0.00	0.000%	0
Fall Armyworm	38,900	1,800	1	0.00	\$0.01	0.000%	0
Loopers	4,700	0	0	0.00	\$0.00	0.000%	0
Cutworms	21,928	1,903	1	0.00	\$0.00	0.001%	55
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	2,900	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	191,800	173,345	0	0.00	\$0.00	0.000%	0
Lygus	1,269,864	639,293	2	0.59	\$3.86	0.240%	13,879
Stink Bugs	1,966,571	1,747,641	2	1.47	\$10.20	1.400%	80,690
Clouded Plant bugs	16,900	1,187	0	0.00	\$0.00	0.000%	0
Brown Stink bug	239,365	0	0	0.00	\$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	241,626	7,140	0	0.00	\$0.00	0.001%	42
Spider Mites	893,850	125,795	1	0.06	\$0.60	0.180%	11,213
Thrips	2,151,447	1,104,628	1	0.51	\$3.15	0.927%	54,400
Aphids	1,339,895	176,540	1	0.08	\$0.53	0.008%	479
Grasshoppers	517,492	13,673	0	0.00	\$0.01	0.000%	0
Banded Winged Whitefly	346,900	0	0	0.00	\$0.00	0.092%	3,562
Silverleaf Whitefly	254,000	106,200	1	0.06	\$0.71	0.109%	6,844
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
				2.98	\$20.53	3.269%	190,186

Yield & Management Results	
Total Acres	2,164,275
Total bales Harvested	3,934,821
yield (lbs/acre)	873
Total bales Lost to Insects	190,186
Percent Yield Loss	3.27%
Yield w/o Insects (lbs/ac)	902
Ave. # Spray Applications	2.98
Bales lost all factors	1,889,072
% yield loss all factors	32.27%

Economic Results		
	Total	Per Acre
Foliar Insecticides Costs	\$44,422,764	\$20.53
At Planting Costs	\$18,416,544	\$8.51
In-furrow costs	\$3,729,990	\$1.72
Scouting costs	\$10,384,782	\$4.80
Eradication costs	\$3,006,413	\$1.39
Transgenic cotton	\$38,380,856	\$17.73
Total Costs	\$118,341,350	\$54.68
Yield Lost to insects	\$62,286,086	\$28.78
Total Losses + Costs	\$180,627,436	\$83.46