Table 9a North Alabama Cotton Insect Losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	55,000	1,000	1	0.01	$0.05	0.066%	133
Beet Armyworm	0	0	0	0.00	$0.00	0.000%	0
Fall Armyworm	0	0	0	0.00	$0.00	0.000%	0
Loopers	0	0	0	0.00	$0.00	0.000%	0
Cutworms	30,000	500	1	0.01	$0.01	0.004%	7
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	25,000	0	0	0.00	$0.00	0.000%	0
Lygus	83,500	70,000	3	2.51	$13.83	1.300%	2,649
Stink Bugs	83,500	1,500	1	0.02	$0.10	0.250%	503
Clouded Plant bugs	0	418	1	0.01	$0.03	0.000%	0
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	0	0	0	0.00	$0.00	0.000%	0
Spider Mites	65,000	6,500	1	0.08	$0.54	0.039%	78
Thrips	83,500	75,150	1	1.13	$5.06	0.500%	1,006
Aphids	50,100	3,340	1	0.04	$0.16	0.030%	60
Grasshoppers	0	0	0	0.00	$0.00	0.000%	0
Banded Winged Whitefly	0	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
				3.80	$19.79	2.188%	4,436

Yield & Management Results	
Total Acres	83,500
Total bales Harvested	156,563
yield (lbs/acre)	900
Total bales Lost to Insects	4,436
Percent Yield Loss	2.19%
Yield w/o Insects (lbs/ac)	920
Ave. # Spray Applications	3.80
Bales lost all factors	44,645
% yield loss all factors	22.19%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	$1,652,625	$19.79
At Planting Costs	$1,085,500	$13.00
In-furrow costs	$0	$0.00
Scouting costs	$603,288	$7.23
Eradication costs	$41,750	$0.50
Transgenic cotton	$1,436,200	$17.20
Total Costs	$4,819,362	$57.72
Yield Lost to insects	$1,448,070	$17.34
Total Losses + Costs	$6,267,433	$75.06