Table 11b   Southeast Arkansas   Cotton Insect losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	51,250	34,338	2	1.01	$10.05	0.400%	854
Beet Armyworm	0	0	0	0.00	$0.00	0.000%	0
Fall Armyworm	23,063	513	1	0.01	$0.10	0.000%	0
Loopers	7,688	0	0	0.00	$0.00	0.000%	0
Cutworms	5,125	1,025	1	0.02	$0.04	0.000%	0
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	17,938	0	0	0.00	$0.00	0.000%	0
Lygus	51,250	51,250	6	5.50	$41.25	3.500%	7,474
Stink Bugs	25,625	0	1	0.00	$0.00	0.000%	0
Clouded Plant bugs	7,688	0	0	0.00	$0.00	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	15,375	4,100	1	0.08	$0.60	0.003%	6
Spider Mites	51,250	15,375	1	0.38	$2.81	0.100%	214
Thrips	15,375	2,563	1	0.05	$0.38	0.000%	0
Aphids	2,563	0	0	0.00	$0.00	0.000%	0
Grasshoppers	5,125	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
				7.04	$55.23	4.003%	8,548

Yield & Management Results	
Total Acres	51,250
Total bales Harvested	125,456
yield (lbs/acre)	1,175
Total bales Lost to Insects	8,548
Percent Yield Loss	4.00%
Yield w/o Insects (lbs/ac)	1,224
Ave. # Spray Applications	7.04
Bales lost all factors	87,979
% yield loss all factors	41.20%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	$2,830,409	$55.23
At Planting Costs	$666,250	$13.00
In-furrow costs	$0	$0.00
Scouting costs	$461,250	$9.00
Eradication costs	$410,000	$8.00
Transgenic cotton	$985,550	$19.23
Total Costs	$5,353,459	$104.46
Yield Lost to insects	$2,585,034	$50.44
Total Losses + Costs	$7,938,493	$154.90