Table 11b   Southeast Arkansas   Cotton Insect losses 2016

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	81,426	74,668	2	1.38	$15.54	1.800%	6,107
Beet Armyworm	8,143	0	0	0.00	$0.00	0.000%	0
Fall Armyworm	20,357	1,629	1	0.02	$0.14	0.000%	0
Loopers	0	0	0	0.00	$0.00	0.000%	0
Cutworms	24,428	4,071	1	0.05	$0.15	0.000%	0
Cotton Leafperforator	0	0	0	0.00	$0.00	0.000%	0
Saltmarsh Caterpillar	8,143	0	0	0.00	$0.00	0.000%	0
Verde Plant Bugs	0	0	1	0.00	$0.00	0.000%	0
Cotton Fleahopper	73,283	0	0	0.00	$0.00	0.000%	0
Lygus	81,426	81,426	4	4.00	$32.00	3.760%	12,757
Stink Bugs	61,070	16,285	1	0.20	$1.20	0.188%	636
Clouded Plant bugs	16,285	0	0	0.00	$0.00	0.000%	0
Brown Stink bug	61,070	16,285	0	0.00	$0.00	0.000%	0
Bagrada Bugs	0	0	0	0.00	$0.00	0.000%	0
Leaf footed bugs	4,071	0	0	0.00	$0.00	0.000%	0
Spider Mites	20,357	1,629	1	0.02	$0.24	0.000%	0
Thrips	81,426	81,426	1	1.00	$3.00	0.250%	848
Aphids	32,570	814	0	0.00	$0.00	0.000%	0
Grasshoppers	0	0	0	0.00	$0.00	0.000%	0
Banded Winged Whitefly	4,071	0	1	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
				6.67	$52.27	5.998%	20,348

Yield & Management Results	
Total Acres	81,426
Total bales Harvested	161,156
yield (lbs/acre)	950
Total bales Lost to Insects	20,348
Percent Yield Loss	6.00%
Yield w/o Insects (lbs/ac)	1,011
Ave. # Spray Applications	6.67
Bales lost all factors	178,119
% yield loss all factors	52.50%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	$4,256,394	$52.27
At Planting Costs	$1,017,825	$12.50
In-furrow costs	$0	$0.00
Scouting costs	$732,834	$9.00
Eradication costs	$325,704	$4.00
Transgenic cotton	$637,460	$7.83
Total Costs	$6,970,216	$85.60
Yield Lost to insects	$6,153,241	$75.57
Total Losses + Costs	$13,123,457	$161.17