

**Table 11**

**Arkansas Summary**

**Cotton Insect Losses - 2013**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0
Bollworm/Budworm	263,200	93,440	1.3	0.39	\$2.95	0.48%	4,710
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0
Cotton Fleahopper	222,600	0	0.0	0.00	\$0.00	0.00%	0
Lygus	318,000	318,000	6.0	6.00	\$54.00	5.00%	49,467
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0
Spider Mites	138,001	95,400	1.5	0.45	\$3.38	0.43%	4,293
Thrips	318,000	227,000	1.5	1.07	\$6.42	1.43%	14,156
Beet Armyworm	880	0	0.0	0.00	\$0.00	0.00%	0
Fall Armyworm	50,400	0	0.0	0.00	\$0.00	0.00%	0
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0
Stink Bugs	222,600	0	0.0	0.00	\$0.00	0.00%	0
Grasshoppers	159,000	0	0.0	0.00	\$0.00	0.00%	0
Saltmarsh Caterpillars	6,360	0	0.0	0.00	\$0.00	0.00%	0
Aphids	318,000	36,200	1.0	0.11	\$0.89	0.00%	0
Banded Winged Whitefly	0	0	0.0	0.00	\$0.00	0.00%	0
Silverleaf Whitefly ( <i>Bemisia</i> )	0	0	0.0	0.00	\$0.00	0.00%	0
Loopers	0	0	0.0	0.00	\$0.00	0.00%	0
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0
Cutworms	72,400	15,900	1.0	0.05	\$0.25	0.00%	0
Clouded Plant bugs	111,300	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
Other Insects	0	0	0.0	2.33	\$0.00	0.00%	0
Other Insects	0	0	0.0	5.74	\$0.00	0.00%	0
Other Insects	0	0	0.0	0.00	\$0.00	0.00%	0
				16.14	\$67.89	7.34%	72,626

Yield & Management Results	
Total Acres	318,000
Total bales Harvested	742,000
yield (lbs/acre)	1,120
Total bales Lost to Insects	72,626
Percent Yield Loss	7.34%
Yield w/o Insects (lbs/ac)	1,209
Ave. # Spray Applications	16
Bales lost all factors	247,333
% yield loss all factors	24.3%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$21,588,383	\$67.89
At Planting Costs	\$5,921,160	\$18.62
In-furrow costs	\$0	\$0.00
Scouting costs	\$3,739,680	\$11.76
Eradication costs	\$2,544,000	\$8.00
Transgenic cotton	\$9,375,848	\$29.48
Total Costs	\$43,169,071	\$135.75
Yield Lost to insects	\$26,145,288	\$82.22
Total Losses + Costs	\$69,314,359	\$217.97