

**Table 10**

Pest	Arkansas Summary				Cotton Insect Losses 2007		
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	175,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	850,000	565,000	1.197	\$9.00	\$10.77	1.00	26,563
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	595,000	0	0.000	N/A	0.00	0.00	0
Lygus	850,000	762,500	3.135	\$8.00	\$25.08	1.69	44,844
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	725,000	257,500	0.547	\$15.00	\$8.21	0.43	11,328
Thrips	850,000	420,000	0.494	\$7.50	\$3.71	0.20	5,313
Beet Armyworm	172,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	345,000	0	0.000	N/A	\$0.00	0.00	0
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	850,000	42,500	0.050	\$8.00	\$0.40	0.12	3,281
Grasshoppers	195,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	195,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	850,000	17,000	0.020	\$9.00	\$0.18	0.00	0
Banded Winged Whitefly	212,500	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	255,000	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Other Insects	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	255,000	9,000	0.011	\$3.50	\$0.04	0.02	422

Percent Lost	3.45
Total Acres	850,000
Total Bales lost	91,750
Bales lost in dollars	\$26,424,000

Est. yield/acre	1,047
Spray applications	5.454
Cost + loss	\$111,067,625
Cost + loss/acre	\$130.67

	Cost/Acre
Foliar insecticide	\$48.38
At planting	\$11.76
Bt use fees	\$18.19
Eradication	\$12.00
Scouting	\$9.25
Total	\$99.58

