

**Table 10a**

Pest	Arkansas Southeast				Cotton Insect Losses 2007		
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	40,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	400,000	340,000	1.700	\$9.00	\$15.30	1.00	12,500
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	280,000	0	0.000	N/A	0.00	0.00	0
Lygus	400,000	380,000	4.750	\$8.00	\$38.00	2.35	29,375
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	320,000	100,000	0.375	\$15.00	\$5.63	0.40	5,000
Thrips	400,000	240,000	0.600	\$7.50	\$4.50	0.20	2,500
Beet Armyworm	60,000	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	120,000	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	400,000	20,000	0.050	\$8.00	\$0.40	0.15	1,875
Grasshoppers	60,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	60,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	400,000	8,000	0.020	\$9.00	\$0.18	0.00	0
Banded Winged Whitefly	100,000	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	120,000	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	120,000	0	0.000	N/A	\$0.00	0.00	0

Percent Lost	4.10
Total Acres	400,000
Total Bales lost	51,250
Bales lost in dollars	\$14,760,000

Est. yield/acre	1,100
Spray applications	7.495
Cost + loss	\$60,806,000
Cost + loss/acre	\$152.02

	Cost/Acre
Foliar insecticide	\$64.01
At planting	\$11.76
Bt use fees	\$17.85
Eradication	\$12.00
Scouting	\$9.50
Total	\$115.12

