

Table 10b Arkansas Southeast Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	200,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	442,000	376,000	2.127	\$8.00	\$17.01	1.00	14,733
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	300,000	0	0.000	N/A	0.00	0.00	0
Lygus	442,000	433,000	3.429	\$8.00	\$27.43	2.25	33,150
Cotton Leaf Perforator	33,150	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	310,000	78,000	0.265	\$18.00	\$4.76	0.18	2,583
Thrips	442,000	398,000	1.531	\$7.50	\$11.48	0.05	737
Beet Armyworm	88,000	8,000	0.018	\$10.00	\$0.18	0.00	0
Fall Armyworm	376,000	200,000	0.905	\$10.00	\$9.05	0.38	5,640
European Cornborer	5,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	442,000	230,000	0.520	\$8.00	\$4.16	0.00	0
Grasshoppers	100,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	205,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	420,000	168,000	0.380	\$9.00	\$3.42	0.00	0
Banded Winged Whitefly	250,000	10,000	0.023	\$9.00	\$0.20	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	150,000	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	221,000	100,000	0.226	\$3.50	\$0.79	0.00	0
Percent Lost	3.86		Est. yield/acre	1,120			Cost/ Acre
						Foliar insecticide	\$78.50

Total Acres	442,000	Spray applications	9.423	At planting	\$9.90
				Bt use fees	\$20.27
		Cost + loss	\$73,279,380	Eradication	\$12.00
Total Bales lost	56,843			Scouting	\$8.08
Bales lost in dollars	\$16,370,880	Cost + loss/acre	\$165.79	Total	\$128.75