

Table 10b

Pest	Arkansas Northeast				Cotton Insect Losses 2007		
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	135,000	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	450,000	225,000	0.750	\$9.00	\$6.75	1.00	14,063
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	315,000	0	0.000	N/A	0.00	0.00	0
Lygus	450,000	382,500	1.700	\$8.00	\$13.60	1.10	15,469
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	405,000	157,500	0.700	\$15.00	\$10.50	0.45	6,328
Thrips	450,000	180,000	0.400	\$7.50	\$3.00	0.20	2,813
Beet Armyworm	112,500	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	225,000	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	450,000	22,500	0.050	\$8.00	\$0.40	0.10	1,406
Grasshoppers	67,500	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	135,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	450,000	9,000	0.020	\$9.00	\$0.18	0.00	0
Banded Winged Whitefly	112,500	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	135,000	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	135,000	9,000	0.020	\$3.50	\$0.07	0.03	422

Percent Lost	2.88
Total Acres	450,000
Total Bales lost	40,500
Bales lost in dollars	\$11,664,000

Est. yield/acre	1,000
Spray applications	3.640
Cost + loss	\$50,261,625
Cost + loss/acre	\$111.69

	Cost/Acre
Foliar insecticide	\$34.50
At planting	\$11.76
Bt use fees	\$18.49
Eradication	\$12.00
Scouting	\$9.03
Total	\$85.77

