

**Table 10a
2004****Arkansas Northeast****Cotton Insect Losses ♦**

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	500,000	500,000	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	558,000	250,000	0.672	\$7.00	\$4.70	1.00	17,438
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	500,000	0	0.000	N/A	0.00	0.00	0
Lygus	558,000	558,000	4.000	\$7.50	\$30.00	3.09	53,882
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	475,000	125,000	0.336	\$12.00	\$4.03	0.04	742
Thrips	558,000	558,000	1.700	\$7.00	\$11.90	0.25	4,359
Beet Armyworm	125,000	15,000	0.027	\$10.00	\$0.27	0.00	0
Fall Armyworm	425,000	150,000	0.269	\$10.00	\$2.69	0.08	1,328
European Comborer	5,000	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	558,000	125,000	0.224	\$8.00	\$1.79	0.30	5,231
Grasshoppers	50,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	400,000	0	0.000	N/A	\$0.00	0.00	0
Aphids	558,000	130,000	0.233	\$9.00	\$2.10	0.00	0
Banded Winged Whitefly	300,000	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	300,000	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	275,000	150,000	0.269	\$3.50	\$0.94	0.00	86

Percent Lost	4.76
Total Acres	558,000
Total Bales lost	83,066
Bales lost in dollars	\$23,923,080

Est. yield/acre	1,024
Spray applications	7.730
Cost + loss	\$84,586,780
Cost + loss/acre	\$151.59

	Cost/ Acre
Foliar insecticide	\$58.42
At planting	\$9.13
Bt use fees	\$17.58
Eradication	\$18.00
Scouting	\$5.58
Total	\$108.72