

Table 20

Pest	Oklahoma			Cotton Insect Losses 2007			
	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	193	193	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	70,000	11,500	0.062	\$9.50	\$0.59	0.66	2,169
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	80,000	65,000	0.703	\$10.75	\$7.55	0.32	1,063
Lygus	25,000	0	0.000	N/A	\$0.00	0.00	4
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	9,000	1,400	0.008	\$8.50	\$0.06	0.02	80
Thrips	105,000	20,000	0.108	\$6.50	\$0.70	0.28	930
Beet Armyworm	3,000	0	0.000	N/A	\$0.00	0.00	5
Fall Armyworm	4,500	0	0.000	N/A	\$0.00	0.00	8
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	42,000	1,000	0.005	\$8.50	\$0.05	0.02	74
Grasshoppers	1,000	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	45,000	60	0.000	\$7.00	\$0.00	0.00	8
Aphids	42,000	26,000	0.141	\$8.50	\$1.19	0.02	74
Banded Winged Whitefly	0	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	5,000	0	0.000	N/A	\$0.00	0.00	1
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	15,000	0	0.000	N/A	\$0.00	0.00	3

Percent Lost	1.35
Total Acres	185,000
Total Bales lost	4,419
Bales lost in dollars	\$1,272,757

Est. yield/acre	780
Spray applications	1.027
Cost + loss	\$7,603,927
Cost + loss/acre	\$41.10

	Cost/Acre
Foliar insecticide	\$10.15
At planting	\$7.09
Bt use fees	\$6.39
Eradication	\$7.07
Scouting	\$3.51
Total	\$34.22

