

Table 20 Oklahoma Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	1,200	1,200	0.000	N/A	\$0.00	0.01	48
Bollworm/Budworm	238,100	91,587	0.565	\$10.00	\$5.65	3.33	16,022
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	242,982	200,000	1.646	\$6.00	\$9.88	6.00	28,854
Lygus	15,000	5,000	0.021	\$6.00	\$0.12	0.06	297
Cotton Leaf Perforator	185,000	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	2,500	1,000	0.004	\$12.00	\$0.05	0.01	25
Thrips	242,982	156,500	0.773	\$6.00	\$4.64	3.00	14,427
Beet Armyworm	56,000	18,000	0.074	\$14.00	\$1.04	0.29	1,385
Fall Armyworm	27,000	2,500	0.010	\$14.00	\$0.14	0.06	267
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	125,000	2,500	0.010	\$9.50	\$0.10	0.26	1,237
Grasshoppers	86,000	1,000	0.004	\$6.75	\$0.03	0.18	851
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	50,000	5,000	0.021	\$7.50	\$0.15	0.10	495
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	0	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	0	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	13.29		Est. yield/acre	800			Cost/ Acre
						Foliar insecticide	\$21.80

Total Acres	242,982	Spray applications	3.129	At planting	\$4.39
				Bt use fees	\$6.34
		Cost + loss	\$30,513,557	Eradication	\$14.73
Total Bales lost	63,908			Scouting	\$2.57
Bales lost in dollars	\$18,405,460	Cost + loss/acre	\$125.58	Total	\$49.83