

Table 17 Missouri Cotton Insect Losses 2006

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	295,000	118,000	0.093	\$13.50	\$1.26	0.29	4,609
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	4,800	0	0.000	N/A	\$0.00	0.00	0
Lygus	485,350	485,350	1.442	\$8.00	\$11.53	0.24	3,792
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	285,200	85,560	0.051	\$16.00	\$0.81	0.14	2,228
Thrips	475,860	190,344	0.151	\$4.25	\$0.64	0.24	3,718
Beet Armyworm	6,250	1,875	0.001	\$13.00	\$0.01	0.00	0
Fall Armyworm	6,500	3,280	0.003	\$11.50	\$0.04	0.00	0
European Comborer	1,500	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	185,460	90,415	0.036	\$6.00	\$0.21	0.00	0
Grasshoppers	1,500	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	6,500	0	0.000	N/A	\$0.00	0.00	0
Aphids	185,460	18,150	0.001	\$6.00	\$0.00	0.00	0
Banded Winged Whitefly	18,500	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	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	165,250	122,250	0.073	\$1.50	\$0.11	0.00	0
Percent Lost	0.91		Est. yield/acre	1,200			Cost/ Acre
						Foliar insecticide	\$14.63
Total Acres	505,000		Spray applications	1.850		At planting	\$4.52
						Bt use fees	\$20.10
Total Bales lost	14,347		Cost + loss	\$32,348,306		Eradication	\$12.50
Bales lost in dollars	\$4,131,923		Cost + loss/acre	\$64.06		Scouting	\$4.13
						Total	\$55.87