

Table 17 Missouri Cotton Insect Losses 2003

Pest	acres infested	acres treated	◆ # insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll Weevil	1,301	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	367,445	243,879	1.149	\$12.38	\$14.23	2.87	25,030
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	113,594	14,741	0.037	\$6.50	\$0.24	0.28	2,456
Lygus	390,207	346,417	1.804	\$8.29	\$14.96	3.65	31,812
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	104,110	29,918	0.089	\$17.17	\$1.53	0.41	3,535
Thrips	403,214	66,813	0.166	\$3.19	\$0.53	1.51	13,166
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	171,691	84,544	0.231	\$11.00	\$2.54	0.50	4,344
European Cornborer	9,538	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	147,845	867	0.002	\$6.50	\$0.01	0.52	4,540
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	1,300	0	0.000	N/A	\$0.00	0.00	0
Aphids	149,146	66,335	0.165	\$8.33	\$1.37	0.40	3,483
Banded Winged Whitefly	112,987	867	0.001	\$8.00	\$0.01	0.14	1,222
Silverleaf Whitefly (Bemisia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	26,880	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	200,306	125,299	0.311	\$3.33	\$1.03	0.00	0

  

Percent Lost	10.27	Est. yield/acre	782	Cost/ Acre	
Total Acres	403,214	Spray applications	3.954	Foliar insecticide	\$36.44
Total Bales lost	89,589	Cost + loss	\$57,335,208	At planting	\$8.41
Bales lost in dollars	\$25,801,492	Cost + loss/acre	\$142.20	Bt use fees	\$16.00
				Eradication	\$12.50
				Scouting	\$4.85
				Total	\$78.21