

Table 16.	MISSOURI					Cotton insect losses - 1997	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost/acre	% Yeld Loss	Bales Lost
Boll Weevils	244070	222726	1.451	\$9.59	\$13.91	3.389	24812
Boll/budworms	317322	198530	0.708	\$8.52	\$6.03	1.286	9418
Pink Bollworm	0	0	0.000	n/a	\$0.00	0.000	0
Cotton Fleahoppers	0	0	0.000	n/a	\$0.00	0.000	0
Lygus	328947	273051	0.959	\$5.00	\$4.80	1.329	9729
Cotton Leaf perforators	0	0	0.000	n/a	\$0.00	0.000	0
Spider Mites	55153	46402	0.251	\$5.77	\$1.45	0.238	1746
Thrips, early season	165950	47371	0.128	\$4.55	\$0.58	0.450	3283
Beet Armyworms	598	0	0.000	n/a	\$0.00	0.000	0
Fall Armyworms	9971	2954	0.008	\$15.00	\$0.12	0.044	324
Euro ean Comborers	67780	1025	0.003	\$5.00	\$0.01	0.015	107
Stink Bugs	28458	2050	0.000	\$5.00	\$0.00	0.049	360
Gras hoppers	2809	0	0.000	n/a	\$0.00	0.000	0
Saltmarsh Catepillers	0	0	0.055	n/a	\$0.00	0.000	0
Aphids	35385	20175	0.002	\$6.45	\$0.35	0.057	420
Bandedwing Whiteflies	2988	598	0.000	\$5.00	\$0.01	0.000	1
Sweet Potato Whiteflies	0	0	0.000	n/a	\$0.00	0.000	0
Soybean Loopers	0	0	0.000	n/a	\$0.00	0.000	0
Cabbage Loopers	90106	0	0.000	n/a	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	n/a	\$0.00	0.000	0
Cutworms	29276	8644	0.023	\$4.90	\$0.11	0.051	377
							Cost/Acre
					foliar insecticide		\$27.39
Percent Lost:	6.91	est. Yield per acre:		752	at planting		\$10.92
Total Acres:	370000				Bt use fees		\$0.40
Total Acres Harvested:	365000	cost loss:		\$31,977,648	eradication		\$0.00
Total Bales Lost:	50576	cost Loss/acre:		\$86.43	Scouting		\$5.08
Bales lost in \$\$\$:	\$15,779,564				TOTAL		\$43.78