

Missouri

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	81,415	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	341,631	290,376	2.338	\$15.43	\$36.08	4.25	34,944
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	229,659	42,384	0.143	\$6.63	\$0.95	0.26	2,158
Lygus	300,627	252,921	1.051	\$7.43	\$7.81	0.97	7,960
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	202,573	64,798	0.185	\$17.50	\$3.24	0.25	2,033
Thrips	385,000	200,585	0.521	\$4.96	\$2.58	1.56	12,825
Beet Armyworm	20,896	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	57,168	22,079	0.057	\$12.83	\$0.74	0.08	671
European Cornborer	29,964	0	0.000	N/A	\$0.00	0.02	160
Stink Bugs	205,018	8,673	0.023	\$8.00	\$0.18	0.12	963
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Saltmarsh Caterpillars	19,250	0	0.000	N/A	\$0.00	0.00	0
Aphids	255,286	146,863	0.381	\$6.75	\$2.57	0.22	1,799
Banded Winged Whitefly	197,724	789	0.002	\$11.00	\$0.02	0.03	211
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	110,394	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	78,262	16,362	0.042	\$4.75	\$0.20	0.06	485
Percent Lost	7.81		Est. yield/acre	797			Cost/ Acre
						Foliar insecticide	\$54.37
Total Acres	385,000		Spray applications	4.744		At planting	\$7.20
						Bt use fees	\$6.00
			Cost + loss	\$51,285,229		Eradication	\$12.50
Total Bales lost	64,210					Scouting	\$5.10
Bales lost in dollars	\$18,492,516		Cost + loss/acre	\$133.21		Total	\$85.18