

Table 5 Insecticide Applications: Type and Cost Cotton Insect Losses – 2005

	% Acres	Acres	Cost/	Total cost	% Acres	Acres	Cost/	Total cost
	treated by	treated by	Acre by	application	treated by	treated by	Acre by	application
State	Air	air	air	air	ground	ground	ground	ground
Alabama, North	35	94,500	\$3.50	\$330,750	80	216,000	\$3.45	\$745,200
Alabama, Central	15	12,000	\$4.00	\$48,000	75	60,000	\$2.75	\$165,000
Alabama, South	20	56,000	\$4.00	\$224,000	80	224,000	\$3.00	\$672,000
Arizona, BT	83	147,494	\$6.00	\$884,965	38	23,560	\$7.50	\$176,700
Arizona, nonBt	82	50,927	\$6.00	\$305,561	37	65,490	\$7.50	\$491,175
Arkansas, Southeast	90	397,800	\$4.50	\$1,790,100	80	353,600	\$4.00	\$1,414,400
Arkansas, Northeast	90	529,200	\$4.00	\$2,116,800	90	529,200	\$3.00	\$1,587,600
California	75	499,373	\$6.00	\$2,996,235	80	532,664	\$7.50	\$3,994,980
Florida	30	27,000	\$4.75	\$128,250	65	58,500	\$5.25	\$307,125
Georgia, Bt	45	483,750	\$4.50	\$2,176,875	80	860,000	\$3.50	\$3,010,000
Georgia, non-Bt	45	60,750	\$4.50	\$273,375	80	108,000	\$3.50	\$378,000
Kansas	15	12,750	\$4.50	\$57,375	25	21,250	\$4.25	\$90,313
Louisiana, Bt	90	486,000	\$3.65	\$1,773,900	100	540,000	\$2.25	\$1,215,000
Louisiana - nonBt	100	80,000	\$3.60	\$288,000	100	80,000	\$2.25	\$180,000
Mississippi, Hills Bt	30	87,000	\$4.00	\$348,000	70	535,500	\$3.00	\$1,606,500
Mississippi, Hills nonBt	30	21,000	\$3.50	\$73,500	70	535,500	\$3.00	\$1,606,500
Mississippi, Delta Bt	60	459,000	\$3.50	\$1,606,500	40	306,000	\$3.00	\$918,000
Mississippi, Delta nonBt	60	45,000	\$3.50	\$157,500	40	116,000	\$3.00	\$348,000
Missouri	10	44,000	\$4.00	\$176,000	80	352,000	\$2.50	\$880,000
New Mexico	85	57,167	\$15.30	\$874,651	34	22,867	\$8.00	\$182,934
North Carolina, Bt	15	12,000	\$5.00	\$60,000	90	72,000	\$2.50	\$180,000
North Carolina, nonBt	15	108,900	\$5.00	\$544,500	90	653,400	\$2.50	\$1,633,500

Oklahoma	55	133,640	\$3.50	\$467,740	45	109,342	\$3.50	\$382,697
South Carolina	30	79,500	\$6.00	\$477,000	70	185,500	\$5.00	\$927,500
Tennessee	20	123,200	\$3.75	\$462,000	90	554,400	\$3.25	\$1,801,800
Texas Lower Rio Grande Valley	80	149,302	\$3.50	\$522,558	100	186,628	\$2.50	\$466,570
Texas Northern Blacklands	60	36,000	\$4.25	\$153,000	40	24,000	\$4.00	\$96,000
Texas High Plains	45	1,557,000	\$4.00	\$6,228,000	65	2,249,000	\$3.50	\$7,871,500
Texas Southern Blacklands	25	29,128	\$4.50	\$131,074	91	106,024	\$3.50	\$371,084
Texas Far West	18	82,260	\$4.62	\$380,041	5	22,850	\$3.43	\$78,376
Texas Northern Rolling Plains	5	25,000	\$4.00	\$100,000	50	250,000	\$4.00	\$1,000,000
Texas Southern Rolling Plains	25	112,944	\$4.50	\$508,246	55	248,476	\$4.50	\$1,118,141
Texas Lower Coastal Bend	18	36,815	\$4.00	\$147,258	82	172,503	\$2.00	\$345,005
Texas Upper Coastal Bend	20	105,184	\$3.95	\$415,477	80	420,736	\$2.00	\$841,472
Virginia	7	6,510	\$6.50	\$42,315	93	86,490	\$4.19	\$361,961
Total US	44	6,248,092	\$4.36	\$27,269,546	82	10,881,479	\$3.44	\$37,445,031