

Table 5 Insecticide Applications: Type and Cost

Cotton Insect Losses – 2007

State	% Acres treated air	Acres treated air	Cost/ Acre air	Total cost applic air	% Acres treated ground	Acres treated ground	Cost/ Acre ground	Total cost Applic ground
Alabama, North	25%	42,552	\$3.90	\$165,954	95%	161,699	\$3.55	\$574,030
Alabama, Central	10%	7,500	\$4.50	\$30,000	80%	60,000	\$3.00	\$180,000
Alabama, South	15%	23,100	\$4.50	\$103,950	80%	123,200	\$3.00	\$369,600
Arizona, BT	50%	6,349	\$8.00	\$50,788	20%	2,539	\$6.00	\$15,236
Arizona, nonBt	75%	122,994	\$8.00	\$983,953	20%	32,798	\$6.00	\$196,791
Arkansas, Southeast	90%	405,000	\$6.00	\$2,430,000	90%	405,000	\$5.00	\$2,025,000
Arkansas, Northeast	90%	360,000	\$6.00	\$2,160,000	90%	360,000	\$5.00	\$1,800,000
California	75%	321,544	\$6.00	\$1,929,263	90%	385,853	\$7.50	\$2,893,894
Florida	20%	11,609	\$1.04	\$12,078	94%	54,587	\$4.70	\$256,683
Georgia	35%	353,500	\$5.00	\$1,767,500	80%	808,000	\$3.50	\$2,828,000
Kansas	5%	2,750	\$4.50	\$12,375	5%	2,750	\$4.00	\$11,000
Louisiana, Bt	90%	277,875	\$3.65	\$1,014,244	62%	191,425	\$3.25	\$622,131
Louisiana - nonBt	90%	14,625	\$3.65	\$53,381	62%	10,075	\$3.25	\$32,744
Mississippi, Delta nonBt	60%	27,300	\$3.50	\$95,550	60%	27,300	\$3.00	\$81,900
Mississippi, Hills nonBt	5%	2,110	\$0.27	\$577	95%	40,090	\$4.78	\$191,438
Mississippi, Delta Bt	60%	245,700	\$3.50	\$859,950	60%	245,700	\$3.00	\$737,100
Mississippi, Hills Bt	10%	16,880	\$3.50	\$59,080	90%	151,920	\$3.00	\$455,760
Missouri	10%	37,700	\$3.50	\$131,950	90%	339,300	\$3.00	\$1,017,900
New Mexico	44%	21,025	\$15.30	\$321,682	38%	18,158	\$7.80	\$141,632
North Carolina, Bt	10%	2,000	\$4.50	\$9,000	100%	20,000	\$3.50	\$70,000
North Carolina, nonBt	40%	190,000	\$4.50	\$855,000	60%	285,000	\$5.50	\$1,567,500
Oklahoma	10%	18,500	\$4.50	\$83,250	100%	185,000	\$3.50	\$647,500
South Carolina	10%	18,000	\$5.50	\$99,000	85%	153,000	\$4.50	\$688,500
Tennessee	20%	100,000	\$4.75	\$475,000	90%	450,000	\$4.25	\$1,912,500
Texas Lower Rio Grande Valley	100%	100,000	\$3.50	\$350,000	100%	100,000	\$3.50	\$350,000
Texas Northern Blacklands	75%	36,300	\$4.00	\$145,200	80%	38,720	\$3.75	\$145,200
Texas High Plains	25%	594,863	\$4.50	\$2,676,881	69%	1,641,821	\$4.25	\$6,977,737
Texas Southern Rolling Plains	10%	43,700	\$4.75	\$207,575	90%	393,300	\$4.50	\$1,769,850
Texas Far West	59%	263,052	\$5.00	\$1,315,258	41%	182,799	\$4.50	\$822,593
Texas Northern Rolling Plains	10%	74,720	\$4.50	\$336,240	70%	523,040	\$4.50	\$2,353,680
Texas Southern Blacklands	35%	56,580	\$5.00	\$282,898	70%	113,159	\$3.50	\$396,057
Texas Gulf Coast & Winter Garden	86%	441,496	\$5.00	\$2,207,482	14%	71,872	\$2.90	\$208,427
Texas Panhandle	36%	38,016	\$4.50	\$171,072	91%	96,096	\$3.00	\$288,288
Virginia	0%	0	\$0.00	\$0	100%	59,000	\$5.00	\$295,000
Total US	39%	4,277,338	\$1.93	\$21,396,130	73%	7,733,200	\$3.17	\$32,923,671

