

Table 8.	ALABAMA					Cotton insect losses - 1997	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost/acre	Yield Loss	Bales Lost
Boll Weevils	0	0	0.000	n/a	\$0.00	0.000	0
Boll/budworms	410000	185000	0.500	\$9.00	\$4.50	3.154	30260
Pink Bollworm	0	0	0.000	n/a	\$0.00	0.000	0
Cotton Fleahoppers	122000	0	0.000	n/a	\$0.00	0.000	0
Lygus	410000	171000	0.187	\$5.50	\$1.03	2.854	27385
Cotton Leaf perforators	0	0	0.000	n/a	\$0.00	0.000	0
Spider Mites	20000	0	0.000	n/a	\$0.00	0.025	244
Thrips, early season	410000	109000	0.183	\$4.00	\$0.73	0.869	8336
Beet Armyworms	34000	2000	0.005	\$14.00	\$0.07	0.000	0
Fall Armyworms	382000	123000	0.600	\$15.00	\$9.00	0.626	6008
Euro ean Cornborers	25000	2000	0.000	n/a	\$0.00	0.000	0
Stink Bugs	385000	193000	0.419	\$7.00	\$2.93	1.568	15044
Gras hoppers	0	0	0.000	n/a	\$0.00	0.000	0
Saltmarsh Catepillers	0	0	0.000	n/a	\$0.00	0.000	0
Aphids	410000	17000	0.024	\$9.98	\$0.24	0.517	4964
Bandedwing Whiteflies	265000	0	0.000	n/a	\$0.00	0.000	0
Sweet Potato Whiteflies	5000	0	0.000	n/a	\$0.00	0.000	0
Soybean Loopers	21000	2000	0.005	\$14.00	\$0.07	0.000	0
Cabbage Loopers	0	0	0.000	n/a	\$0.00	0.000	0
Western Flower Thrips	125000	0	0.000	n/a	\$0.00	0.000	0
Cutworms	38000	21000	0.002	\$7.96	\$0.02	0.002	0
						Cost / Acre:	
						Foliar insecticide	\$18.59
Percent Lost:	9.61	est. Yield per acre:		627	at planting		\$10.32
Total Acres:	410000				Bt use fees		\$23.33
Total Acres Harvested:	405000	Cost Loss		\$56,302,953	Eradication		\$9.40
Total Bales Lost:	92241	cost Loss/acre:		\$137.32	scouting		\$5.50
Bales lost in \$\$\$:	\$28,779,238				TOTAL		\$67.13

Table 8a.	NORTH ALABAMA					Cotton insect losses - 1997	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost/acre	% Yeld Loss	Bales Lost
Boll Weevils	0	0	0.000	n/a	\$0.00	0.000	0
Boll/budworms	125000	70000	0.560	\$9.00	\$5.04	1.000	3047
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	125000	100000	1.600	\$4.80	\$7.68	5.000	15234
Cotton Leaf perforators	0	0	0.000	n/a	\$0.00	0.000	0
Spider Mites	20000	0	0.000	n/a	\$0.00	0.080	244
Thrips, early season	125000	30000	0.240	\$3.00	\$0.72	2.000	6094
Beet Armyworms	30000	0	0.000	n/a	\$0.00	0.000	0
Fall Armyworms	125000	0	0.000	n/a	\$0.00	0.500	1523
Euro ean Cornborers	5000	2000	0.016	\$10.00	\$0.16	0.000	0
Stink Bugs	100000	0	0.000	n/a	\$0.00	0.000	0
Gras hoppers	0	0	0.000	n/a	\$0.00	0.000	0
Saltmarsh Catepillers	0	0	0.040	\$11.00	\$0.44	1.000	3047
Aphids	125000	5000	0.000	n/a	\$0.00	0.000	0
Bandedwing Whiteflies	125000	0	0.000	n/a	\$0.00	0.000	0

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	0	0	0.000	n/a	\$0.00	0.000	0
Western Flower Thrips	125000	0	0.000	n/a	\$0.00	0.000	0
Cutworms	35000	20000	0.160	\$5.00	\$0.80	0.000	0
							Cost/Acre
							\$14.84
Percent Lost:	9.58	est. Yield per acre:		585			\$10.50
Total Acres:	125000						\$26.13
Total Acres Harvested:	125000	cost loss		\$17,558,238			\$10.30
Total Bales Lost:	29189	cost Loss/acre:		\$140.47			\$5.84
Bales lost in \$\$\$:	\$9,106,988						\$67.61

Table 8b.	CENTRAL ALABAMA					Cotton insect losses - 1997		
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost/acre	% Yeld Loss	Bales Lost	
Boll Weevils	0	0	0.000	n/a	\$0.00	0.000	0	
Boll/budworms	80000	12500	0.156	\$9.00	\$1.41	2.500	4792	
Pink bollworm	0	0	0.000	n/a	\$0.00	0.000	0	
Cotton Fleahoppers	40000	0	0.000	n/a	\$0.00	0.000	0	
Lygus	80000	20000	0.250	\$5.50	\$1.38	4.000	7667	
Cotton Leaf perforators	0	0	0.000	n/a	\$0.00	0.000	0	
Spider Mites	0	0	0.000	n/a	\$0.00	0.000	0	
Thrips, early season	80000	4000	0.050	\$4.00	\$0.20	0.000	0	
Beet Armyworms	0	0	0.000	n/a	\$0.00	0.000	0	
Fall Armyworms	52000	0	0.000	n/a	\$0.00	0.000	0	
Euro ean Cornborers	0	0	0.000	n/a	\$0.00	0.000	0	
Stink Bugs	80000	50000	0.625	\$6.00	\$3.75	2.000	3833	
Gras hoppers	0	0	0.000	n/a	\$0.00	0.000	0	
Saltmarsh Catepillers	0	0	0.000	n/a	\$0.00	0.000	0	
Aphids	80000	2000	0.025	\$10.00	\$0.25	1.000	1917	
Bandedwing Whiteflies	40000	0	0.000	n/a	\$0.00	0.000	0	
Sweet Potato Whiteflies	0	0	0.000	n/a	\$0.00	0.000	0	
Soybean Loopers	1000	0	0.000	n/a	\$0.00	0.000	0	
Cabbage Loopers	0	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	0	0	0.000	n/a	\$0.00	0.000	0	
							Cost/Acre	
							Foliar insecticide	\$6.98
Percent Lost:	9.50	est. Yield per acre:		700	at planting		\$10.24	
Total Acres:	80000				Bt use fees		\$28.48	
Total Acres Harvested:	80000	cost loss		\$11,401,500	eradication		\$19.25	
Total Bales Lost:	18208	cost Loss/acre:		\$142.52	scouting		\$6.56	
Bales lost in \$\$\$:	\$5,681,000				TOTAL		\$71.51	

Table 8c.	SOUTH ALABAMA					Cotton insect losses - 1997	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost/acre	% Yeld Loss	Bales Lost
Boll Weevils	0	0	0.000	n/a	\$0.00	0.000	0
Boll/budworms	205000	102500	1.000	\$9.00	\$9.00	5.000	22422

Pink Bollworm	0	0	0.000	n/a	\$0.00	0.000	0
Cotton Fleahoppers	82000	0	0.000	n/a	\$0.00	0.000	0
Lygus	205000	51000	0.373	\$5.50	\$2.05	1.000	4484
Cotton Leaf perforators	0	0	0.000	n/a	\$0.00	0.000	0
Spider Mites	0	0	0.000	n/a	\$0.00	0.000	0
Thrips, early season	205000	75000	0.366	\$4.00	\$1.46	0.500	2242
Beet Armyworms	4000	2000	0.010	\$14.00	\$0.14	0.000	0
Fall Armyworms	205000	123000	1.200	\$15.00	\$18.00	1.000	4484
Euro ean Cornborers	20000	0	0.000	n/a	\$0.00	0.000	0
Stink Bugs	205000	143000	0.837	\$7.00	\$5.86	2.500	11211
Gras hoppers	0	0	0.000	n/a	\$0.00	0.000	0
Saltmarsh Catepillars	0	0	0.000	n/a	\$0.00	0.000	0
Aphids	205000	10000	0.049	\$10.00	\$0.49	0.000	0
Bandedwing Whiteflies	100000	0	0.000	n/a	\$0.00	0.000	0
Sweet Potato Whiteflies	5000	0	0.000	n/a	\$0.00	0.000	0
Soybean Loopers	20000	2000	0.010	\$14.00	\$0.14	0.000	0
Cabbage Loopers	0	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	3000	1000	0.005	\$8.00	\$0.04	0.000	0
							Cost/Acre
					foliar insecticide		\$37.18
Percent Lost:	10.00	est. Yield per acre:		625	at planting		\$10.24
Total Acres:	205000				Bt use fees		\$19.61
Total Acres Harvested:	200000	cost loss		\$29,756,575	eradication		\$5.00
Total Bales Lost:	44844	cost Loss/acre:		\$145.15	Scouting		\$4.88
Bales lost in \$\$\$:	\$13,991,250				TOTAL		\$76.90