

Table 14.	MISSISSIPPI					Cotton insect losses - 1996	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost /acre	% Yield Loss	Bales Lost
Boll Weevils	857000	794000	3.359	\$4.11	\$13.81	2.599	59466
Boll /budworms	911790	669790	2.174	\$9.09	\$19.76	1.917	43862
Cotton Fleahoppers	30300	130	0.000	\$3.50	\$0.00	0.000	0
Lygus	1029790	761764	2.297	\$6.38	\$14.66	1.677	38376
Cotton Leaf perforators	0	0	0.000	\$0.00	\$0.00	0.000	0
Pink Bollworms	0	0	0.000	\$0.00	\$0.00	0.000	0
Spider Mites	168300	11164	0.011	\$12.48	\$0.14	0.008	187
Thrips, early season	1029000	338000	0.361	\$2.80	\$1.01	0.100	2287
Beet Armyworms	233000	21300	0.024	\$12.77	\$0.31	0.028	647
Fall Armyworms	137000	8000	0.008	\$9.63	\$0.07	0.061	1389
European Cornbore rs	0	0	0.000	\$0.00	\$0.00	0.000	0
Stink Bugs	117000	12500	0.012	\$5.26	\$0.06	0.011	249
Grasshoppers	0	0	0.000	\$0.00	\$0.00	0.000	0
Saltmarsh Catepillers	213000	4000	0.004	\$6.00	\$0.02	0.000	0
Aphids	1029000	354830	0.389	\$6.53	\$2.54	0.669	15321
Bandedwing Whiteflies	1029000	9800	0.000	\$0.00	\$0.00	0.000	0
Sweet Potato Whiteflies	0	0	0.000	\$0.00	\$0.00	0.000	0
Soybean Loopers	218000	5700	0.000	\$0.00	\$0.00	0.000	0
Cabbage Loopers	181700	5700	0.006	\$8.05	\$0.04	0.000	0
Western Flower Thrips	1029000	0	0.000	\$0.00	\$0.00	0.000	0
Cutworms	236000	31000	0.032	\$3.59	\$0.12	0.007	157
							Cost /Acre
Percent Lost:	7.08	est. Yield per acre:		853	Foliar insecticide		\$52.55
Total Acres:	1029790				At planting insecticides		\$7.46
Total Acres Harvested:	1029000	Total cost and loss insect related:		\$129,783,346	Bt use license fees		\$12.66
Total Bales Lost:	161942	Total cost + Loss/acre:		\$126.03	eradication		\$0.52
Bales lost in \$\$\$:	\$54,412,578				TOTAL		\$73.19

Table 14a.	MISSISSIPPI DELTA					Cotton insect losses - 1996	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost /acre	% Yield Loss	Bales Lost
Boll Weevils	527000	464000	2.297	\$3.95	\$9.07	1.811	28502
Boll /budworms	591790	477790	2.504	\$9.84	\$24.64	1.956	30785
Cotton Fleahoppers	16300	130	0.000	\$3.50	\$0.00	0.000	0
Lygus	686790	572764	3.086	\$6.58	\$20.30	2.020	31793
Cotton Leaf perforators	0	0	0.000	\$0.00	\$0.00	0.000	0
Pink Bollworms	0	0	0.000	\$0.00	\$0.00	0.000	0
Spider Mites	139300	7664	0.011	\$11.00	\$0.12	0.010	160
Thrips, early season	686000	184000	0.295	\$2.80	\$0.83	0.100	1572
Beet Armyworms	150000	6300	0.015	\$11.42	\$0.17	0.022	344
Fall Armyworms	12000	2000	0.003	\$10.00	\$0.03	0.002	28
European Cornbore rs	0	0	0.000	\$0.00	\$0.00	0.000	0
Stink Bugs	93000	10000	0.015	\$5.20	\$0.08	0.014	213
Grasshoppers	0	0	0.000	\$0.00	\$0.00	0.000	0
Saltmarsh Catepillers	113000	4000	0.006	\$6.00	\$0.03	0.000	0
Aphids	686000	302830	0.485	\$6.33	\$3.07	0.789	12419
Bandedwing Whiteflies	686000	6700	0.010	\$7.00	\$0.07	0.001	16
Sweet Potato Whiteflies	0	0	0.000	\$0.00	\$0.00	0.000	0
Soybean Loopers	118000	2700	0.004	\$7.00	\$0.03	0.000	0
Cabbage Loopers	81700	2700	0.004	\$7.00	\$0.03	0.000	0
Western Flower Thrips	686000	0	0.000	\$0.00	\$0.00	0.000	0

Cutworms	116000	23000	0.033	\$3.00	\$0.10	0.005	80
							Cost /Acre
Percent Lost:	6.73	est. Yield per acre:		880	Foliar insecticide		\$58.57
Total Acres:	686790				At planting insecticides		\$8.20
Total Acres Harvested:	686000	Total cost and loss insect related:		\$88,241,474	Bt use license fees		\$9.90
Total Bales Lost:	105911	Total cost + Loss/acre:		\$128.48	eradication		\$0.00
Bales lost in \$\$\$:	\$35,586,090				TOTAL		\$76.67

Table 14b.	MISSISSIPPI HILLS						Cotton insect losses - 1996	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost /acre	% Yield Loss	Bales Lost	
Boll Weevils	330000	330000	5.484	\$4.34	\$23.80	4.176	29838	
Boll /budworms	320000	192000	1.511	\$7.23	\$10.93	1.838	13133	
Cotton Fleahoppers	14000	0	0.000	\$0.00	\$0.00	0.000	0	
Lygus	343000	189000	0.716	\$5.78	\$4.14	0.990	7074	
Cotton Leaf perforators	0	0	0.000	\$0.00	\$0.00	0.000	0	
Pink Bollworms	0	0	0.000	\$0.00	\$0.00	0.000	0	
Spider Mites	29000	3500	0.010	\$15.73	\$0.16	0.004	30	
Thrips, early season	343000	154000	0.494	\$2.80	\$1.38	0.100	715	
Beet Armyworms	83000	15000	0.044	\$13.34	\$0.58	0.041	294	
Fall Armyworms	125000	6000	0.017	\$9.51	\$0.17	0.029	208	
European Cornborers	0	0	0.000	\$0.00	\$0.00	0.000	0	
Stink Bugs	24000	2500	0.007	\$5.50	\$0.04	0.006	40	
Grasshoppers	0	0	0.000	\$0.00	\$0.00	0.000	0	
Saltmarsh Caterpillars	100000	0	0.000	\$0.00	\$0.00	0.000	0	
Aphids	343000	52000	0.197	\$7.67	\$1.51	0.430	3073	
Bandedwi ng Whiteflies	343000	3100	0.009	\$7.00	\$0.06	0.000	0	
Sweet Potato Whiteflies	0	0	0.000	\$0.00	\$0.00	0.000	0	
Soybean Loopers	100000	3000	0.009	\$9.00	\$0.08	0.000	0	
Cabbage Loopers	100000	3000	0.009	\$9.00	\$0.08	0.000	0	
Western Flower Thrips	343000	0	0.000	\$0.00	\$0.00	0.000	0	
Cutworms	120000	8000	0.030	\$5.30	\$0.16	0.011	75	
							Cost /Acre	
Percent Lost:	7.62	est. Yield per acre:		800	Foliar insecticide		\$43.09	
Total Acres:	343000				At planting insecticides		\$5.98	
Total Acres Harvested:	343000	Total cost and loss insect related:		\$41,913,595	Bt use license fees		\$18.18	
Total Bales Lost:	54480	Total cost + Loss/acre:		\$122.20	eradication		\$1.57	
Bales lost in \$\$\$:	\$18,305,280				TOTAL		\$68.83	