

Table 7.	ALABAMA					Cotton insect losses - 1996	
PEST	Acres Infested	Acres Treated	# Insect Application	Cost of 1 Application	Cost /acre	% Yield Loss	Bales Lost
Bo Weevils	20000	16857	0.105	\$5.80	\$0.61	0.000	0
Bob/budworms	560000	61500	0.132	\$7.64	\$1.01	3.130	33727
Cotton Fleahoppers	33000	500	0.001	\$5.50	\$0.00	0.000	0
Lygus	241000	178000	0.261	\$4.06	\$1.06	0.745	8023
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	0	0	0.000	\$0.00	\$0.00	0.000	0
Thrips, early season	560000	25000	0.045	\$2.64	\$0.12	0.035	377
Beet Armyworms	0	0	0.000	\$0.00	\$0.00	0.000	0
Fa Armyworms	472000	30000	0.107	\$ 4.00	\$1.50	0.655	7061
European Cornborers	3000	0	0.000	\$0.00	\$0.00	0.000	0
Stink Bugs	430000	25000	0.045	\$6.00	\$0.27	0.610	6572
Grasshoppers	0	0	0.000	\$0.00	\$0.00	0.000	0
Saltmarsh Caterpillars	0	0	0.000	\$0.00	\$0.00	0.000	0
Aphids	160000	3000	0.005	\$8.90	\$0.05	0.029	308
Bandedwinged Whiteflies	0	0	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	0	0	0.000	\$0.00	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	\$0.00	\$0.00	0.000	0
Western Flower Thrips	196000	9000	0.016	\$5.60	\$0.09	0.000	0
Cutworms	58000	6500	0.012	\$6.93	\$0.08	0.009	96
							<b>Cost / Acre:</b>
<b>Percent Lost:</b>	<b>5.21</b>	est. Yield per acre:		776	<b>Foliar insecticide</b>		\$4.79
Tota Acres:	560000				<b>At planting insecticides</b>		\$10.96
Tota Acres Harvested:	560000	Tota cost and loss insecticide related:		\$50,389,764	<b>Bt use license fees</b>		\$25.29
Tota Bales Lost:	56164	Tota cost + Loss/acre:		\$89.98	<b>eradication</b>		\$15.25
Bales lost n \$\$\$:	\$18,871,152				<b>TOTAL</b>		\$56.28

Table 7a.	CENTRAL ALABAMA					Cotton insect losses - 1996	
PEST	Acres Infested	Acres Treated	# Insect Application	Cost of 1 Application	Cost /acre	% Yield Loss	Bales Lost
Bo Weevils	0	0	0.000	\$0.00	\$0.00	0.000	0
Bob/budworms	72000	1500	0.021	\$8.50	\$0.18	2.000	2550
Cotton Fleahoppers	3000	500	0.007	\$5.50	\$0.04	0.000	0
Lygus	25000	3000	0.042	\$5.50	\$0.23	0.347	443
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	0	0	0.000	\$0.00	\$0.00	0.000	0
Thrips, early season	72000	2000	0.028	\$2.50	\$0.07	0.000	0
Beet Armyworms	0	0	0.000	\$0.00	\$0.00	0.000	0
Fa Armyworms	30000	0	0.000	\$0.00	\$0.00	0.000	0
European Cornborers	0	0	0.000	\$0.00	\$0.00	0.000	0
Stink Bugs	70000	5000	0.069	\$6.00	\$0.42	1.944	2479
Grasshoppers	0	0	0.000	\$0.00	\$0.00	0.000	0
Saltmarsh Caterpillars	0	0	0.000	\$0.00	\$0.00	0.000	0
Aphids	0	0	0.000	\$0.00	\$0.00	0.000	0
Bandedwinged Whiteflies	0	0	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	0	0	0.000	\$0.00	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	\$0.00	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	\$0.00	\$0.00	0.000	0
Cutworms	0	0	0.000	\$0.00	\$0.00	0.000	0
							<b>Cost /Acre</b>
<b>Percent Lost:</b>	<b>4.29</b>	est. Yield per acre:		750	<b>Foliar insecticide</b>		\$0.93
Tota Acres:	72000				<b>At planting insecticides</b>		\$11.02
Tota Acres Harvested:	72000	Tota cost and loss insect related:		\$6,923,050	<b>Bt use license fees</b>		\$31.17
Tota Bases Lost:	5472	Tota cost + Loss/acre:		\$96.15	<b>eradication</b>		\$27.50
Bases lost n \$\$\$:	\$1,838,550				<b>TOTAL</b>		\$70.62

Table 7b.	NORTH ALABAMA						Cotton insect losses - 1996	
PEST	Acres Infested	Acres Treated	# Insect Application	Cost of 1 Application	Cost /acre	% Yield Loss	Bases Lost	
Beet Weevils	20000	16857	0.301	\$5.80	\$1.75	0.000	0	
Beet/budworms	196000	35000	0.179	\$7.70	\$1.38	2.250	8370	
Cotton Fleahoppers	0	0	0.000	\$0.00	\$0.00	0.000	0	
Lygus	196000	160000	0.653	\$3.90	\$2.55	2.000	7440	
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	0	0	0.000	\$0.00	\$0.00	0.000	0	
Thrips, early season	196000	15000	0.077	\$3.00	\$0.23	0.100	372	
Beet Armyworms	0	0	0.000	\$0.00	\$0.00	0.000	0	
Fall Armyworms	150000	0	0.000	0	\$0.00	0.383	1423	
European Cornborers	0	0	0.000	\$0.00	\$0.00	0.000	0	
Stink Bugs	160000	0	0.000	\$0.00	\$0.00	0.008	30	
Grasshoppers	0	0	0.000	\$0.00	\$0.00	0.000	0	
Saltmarsh Caterpillars	0	0	0.000	\$0.00	\$0.00	0.000	0	
Aphids	160000	3000	0.015	\$8.90	\$0.14	0.082	304	
Bandedwing Whiteflies	0	0	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	0	0	0.000		\$0.00	0.000	0	
Cabbage Loopers	0	0	0.000	\$0.00	\$0.00	0.000	0	
Western Flower Thrips	196000	9000	0.046	\$5.60	\$0.26	0.000	0	
Cutworms	50000	5500	0.028	\$6.65	\$0.19	0.026	95	
							<b>Cost /Acre</b>	
<b>Percent Lost:</b>	<b>4.85</b>	est. Yield per acre:		780	<b>Foliar insecticide</b>		\$6.48	
Tota Acres:	196000				<b>At planting insecticides</b>		\$11.00	
Tota Acres Harvested:	196000	Tota cost and loss insect related:		\$19,371,365	<b>Bt use license fees</b>		\$28.90	
Tota Bases Lost:	18034	Tota cost + Loss/acre:		\$98.83	<b>eradication</b>		\$21.54	
Bases lost n \$\$\$:	\$6,059,553				<b>TOTAL</b>		\$67.92	

Table 7c.	SOUTH ALABAMA						Cotton insect losses - 1996	
PEST	Acres Infested	Acres Treated	# Insect Application	Cost of 1 Application	Cost /acre	% Yield Loss	Bases Lost	
Beet Weevils	0	0	0.000	\$0.00	\$0.00	0.000	0	
Beet/budworms	292000	25000	0.128	\$7.50	\$0.96	4.000	23117	
Cotton Fleahoppers	30000	0	0.000	\$0.00	\$0.00	0.000	0	
Lygus	20000	15000	0.051	\$5.50	\$0.28	0.000	0	
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	0	0	0.000	\$0.00	\$0.00	0.000	0
Thrips, early season	292000	8000	0.027	\$2.00	\$0.05	0.000	0
Beet Armyworms	0	0	0.000	\$0.00	\$0.00	0.000	0
Fa Armyworms	292000	30000	0.205	\$14.00	\$2.88	1.000	5779
European Cornborers	3000	0	0.000	\$0.00	\$0.00	0.000	0
Stink Bugs	200000	20000	0.068	\$6.00	\$0.41	0.685	3958
Grasshoppers	0	0	0.000	\$0.00	\$0.00	0.000	0
Saltmarsh Caterpillars	0	0	0.000	\$0.00	\$0.00	0.000	0
Aphids	0	0	0.000	\$0.00	\$0.00	0.000	0
Bandedwinged Whiteflies	0	0	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	0	0	0.000	\$0.00	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	\$0.00	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	\$0.00	\$0.00	0.000	0
Cutworms	8000	1000	0.003	\$8.50	\$0.03	0.000	0
							<b>Cost /Acre</b>
<b>Percent Lost:</b>	<b>5.68</b>	est. Yield per acre:		780	<b>Foliar insecticide</b>		\$4.62
Tota Acres:	292000				<b>At planting insecticides</b>		\$10.91
Tota Acres Harvested:	292000	Tota cost and loss insect related:		\$24,164,750	<b>Bt use license fees</b>		\$21.42
Tota Bases Lost:	32854	Tota cost + Loss/acre:		\$82.76	<b>eradication</b>		\$8.00
Bases lost n \$\$\$:	\$11,039,000				<b>TOTAL</b>		\$44.95