

Table 10.	ARKANSAS					Cotton insect losses - 1997	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost/acre	% Yeld Loss	Bales Lost
Boll Weevils	725000	585000	2.043	\$7.15	\$14.61	1.560	36260
Boll/budworms	878600	712250	1.626	\$9.70	\$15.77	2.670	62078
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	873500	612000	1.074	\$6.33	\$6.80	1.195	27779
Cotton Leaf perforators	0	0	0.000	n/a	\$0.00	0.000	0
Spider Mites	214750	48900	0.092	\$16.71	\$1.54	0.073	1692
Thrips, early season	930000	168400	0.181	\$4.05	\$0.73	0.991	23042
Beet Armyworms	0	0	0.000	n/a	\$0.00	0.000	0
Fall Armyworms	88775	16050	0.017	\$16.22	\$0.28	0.041	946
Euro ean Cornborers	40000	2500	0.003	\$10.80	\$0.03	0.000	0
Stink Bugs	91250	2000	0.002	\$6.60	\$0.01	0.000	0
Gras hoppers	0	0	0.000	n/a	\$0.00	0.000	0
Saltmarsh Catepillers	10000	0	0.000	n/a	\$0.00	0.000	0
Aphids	348500	56500	0.061	\$8.09	\$0.49	0.029	677
Bandedwing Whiteflies	15000	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	18000	0	0.000	n/a	\$0.00	0.000	0
Cabbage Loopers	16000	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	211200	75000	0.081	\$2.96	\$0.24	0.045	1058
							Cost/Acre
						foliar insecticide	\$40.50
Percent Lost:	6.60		est. Yield per acre:	880		at planting	\$7.13
Total Acres:	930000					Bt use fees	\$4.16
Total Acres Harvested:	930000		cost loss	\$101,793,299		eradication	\$0.03
Total Bales Lost:	153533		cost Loss/acre:	\$109.46		Scouting	\$6.14
Bales lost in \$\$\$:	\$47,902,155					TOTAL	\$57.95

Table 10a.	NORTHEAST ARKANSAS					Cotton insect losses - 1997	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost/acre	% Yeld Loss	Bales Lost
Boll Weevils	360000	220000	0.779	\$7.65	\$5.96	1.274	17250
Boll/budworms	513600	367250	0.845	\$8.35	\$7.06	3.182	43068
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	508500	282000	0.599	\$6.00	\$3.59	1.350	18274
Cotton Leaf perforators	0	0	0.000	n/a	\$0.00	0.000	0
Spider Mites	84750	33900	0.120	\$17.75	\$0.00	0.075	1015
Thrips, early season	565000	102700	0.182	\$4.05	\$0.74	1.000	13536
Beet Armyworms	0	0	0.000	n/a	\$0.00	0.000	0
Fall Armyworms	39500	15050	0.027	\$16.20	\$0.43	0.070	946
Euro ean Cornborers	0	0	0.000	n/a	\$0.00	0.000	0
Stink Bugs	0	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	0.000	n/a	\$0.00	0.000	0
Aphids	56500	34500	0.061	\$8.25	\$0.50	0.050	677
Bandedwing Whiteflies	0	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	0	0	0.000	n/a	\$0.00	0.000	0
Cutworms	101700	25000	0.044	\$2.87	\$0.13	0.036	487
							Cost/Acre
							Foliar insecticide
Percent Lost:	7.04	est. Yield per acre:		860	at planting		\$20.54
Total Acres:	565000				Bt use fees		\$6.56
Total Acres Harvested:	565000	cost loss		\$48,189,582	eradication		\$0.14
Total Bales Lost:	95254	cost Loss/acre:		\$85.29	scouting		\$0.00
Bales lost in \$\$\$:	\$29,719,217				Total		\$5.45
							\$32.69

Table 10b.	SOUTHEAST ARKANSAS						Cotton insect losses - 1997	
PEST	Acres Infested	Acres Treated	# Insect Applic	Cost of 1 Appl	Cost/acre	% Yeld Loss	Bales Lost	
Boll Weevils	365000	365000	4.000	\$7.00	\$28.00	2.000	19010	
Boll/budworms	365000	345000	2.836	\$10.32	\$29.26	2.000	19010	
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	365000	330000	1.808	\$6.50	\$11.75	1.000	9505	
Cotton Leaf perforators	0	0	0.000	n/a	\$0.00	0.000	0	
Spider Mites	130000	15000	0.049	\$12.80	\$0.63	0.071	677	
Thrips, early season	365000	65700	0.180	\$4.05	\$0.73	1.000	9505	
Beet Armyworms	0	0	0.000	n/a	\$0.00	0.000	0	
Fall Armyworms	49275	1000	0.003	\$16.45	\$0.05	0.000	0	
Euro ean Cornborers	40000	2500	0.007	\$10.80	\$0.07	0.000	0	
Stink Bugs	91250	2000	0.005	\$6.60	\$0.04	0.000	0	
Gras hoppers	0	0	0.000	n/a	\$0.00	0.000	0	
Saltmarsh Catepillers	10000	0	0.000	n/a	\$0.00	0.000	0	
Aphids	292000	22000	0.060	\$7.85	\$0.47	0.000	0	
Bandedwing Whiteflies	15000	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	18000	0	0.000	n/a	\$0.00	0.000	0	
Cabbage Loopers	16000	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	109500	50000	0.137	\$3.00	\$0.41	0.060	570	
							Cost/Acre	
							foliar insecticide	
Percent Lost:	6.13	est. Yield per acre:		910	at planting		\$71.42	
Total Acres:	365000				Bt use fees		\$8.00	
Total Acres Harvested:	365000	cost loss:		\$53,603,717	eradication		\$10.37	
Total Bales Lost:	58279	cost Loss/acre:		\$146.86	Scouting		\$0.07	
Bales lost in \$\$\$:	\$18,182,938				TOTAL		\$7.19	
							\$97.04	