

Table 9.	ARKANSAS					Cotton insect losses - 1996	
PEST	Acres Infested	Acres Treated	# Insect Applications	Cost of 1 Application	Cost /acre	% Yield Loss	Bales Lost
Bo Weevils	835950	572000	2.744	\$6.84	\$18.78	2.626	62155
Bo /budworms	936340	790000	2.297	\$9.01	\$20.70	3.077	72827
Cotton Fleahoppers	225780	800	0.001	\$5.94	\$0.00	0.000	0
Lygus	842900	705120	1.827	\$5.83	\$10.65	2.240	53016
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	219900	65380	0.094	\$11.78	\$1.11	0.121	2862
Thrips, early season	858300	389600	0.390	\$5.06	\$1.97	0.833	19721
Beet Armyworms	52000	0	0.000	\$0.00	\$0.00	0.000	0
Fa Armyworms	38500	10000	0.010	\$9.00	\$0.09	0.015	355
European Cornborers	10000	0	0.000	\$0.00	\$0.00	0.000	0
Stink Bugs	100000	3000	0.003	\$7.00	\$0.02	0.010	237
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	767170	200000	0.236	\$6.42	\$1.52	0.347	8209
Bandedwinged Whiteflies	218000	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	182400	8500	0.009	\$12.00	\$0.10	0.000	0
Cabbage Loopers	304800	1200	0.001	\$12.00	\$0.01	0.000	0
Western Flower Thrips	404800	0	0.000	\$0.00	\$0.00	0.000	0
Cutworms	178490	128000	0.128	\$3.62	\$0.46	0.020	472
							Cost /Acre
Percent Lost:	9.29	est. Yield per acre:		772	Foliar insecticide		\$55.41
Tota Acres:	1000000				At planting insecticides		\$8.40
Tota Acres Harvested:	1000000	Tota cost and loss insect related:		\$143,969,345	Bt use license fees		\$6.28
Tota Bales Lost:	219854	Tota cost + Loss/acre:		\$143.97	eradication		\$0.00
Bales lost n \$\$\$:	\$73,871,070				TOTAL		\$70.10

Table 9a.	NORTHEAST ARKANSAS					Cotton insect losses - 1996	
PEST	Acres Infested	Acres Treated	# Insect Applications	Cost of 1 Application	Cost /acre	% Yield Loss	Bales Lost
Bo Weevils	448450	232000	0.889	\$6.25	\$5.56	1.794	23768
Bo /budworms	536340	390000	1.495	\$8.64	\$12.92	3.129	41455
Cotton Fleahoppers	34280	300	0.001	\$5.00	\$0.00	0.000	0
Lygus	442900	305120	0.712	\$5.60	\$3.99	2.067	27386
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	119900	38380	0.112	\$13.81	\$1.55	0.160	2118
Thrips, early season	458300	229600	0.383	\$5.00	\$1.91	1.222	16193
Beet Armyworms	0	0	0.000	\$0.00	\$0.00	0.000	0
Fa Armyworms	30000	10000	0.017	\$9.00	\$0.15	0.025	331
European Cornborers	10000	0	0.000	\$0.00	\$0.00	0.000	0
Stink Bugs	100000	3000	0.005	\$7.00	\$0.04	0.017	221
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	367170	20000	0.033	\$9.33	\$0.31	0.245	3243
Bandedwinged Whiteflies	18000	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	2400	0	0.000	\$0.00	\$0.00	0.000	0
Cabbage Loopers	124800	0	0.000	\$0.00	\$0.00	0.000	0

Western Flower Thr ps	4800	0	0.000	\$0.00	\$0.00	0.000	0
Cutworms	42290	15000	0.025	\$4.50	\$0.11	0.011	140
							Cost /Acre
Percent Lost:	8.67	est. Yield per acre:		754	Foliar insecticide		\$26.53
Tota Acres:	600000				At planting insecticides		\$8.56
Tota Acres Harvested:	600000	Tota cost and loss insect related:		\$59,915,641	Bt use license fees		\$0.45
Tota Ba es Lost:	114855	Tota cost + Loss/acre:		\$99.86	eradication		\$0.00
Ba es ost n \$\$\$:	\$38,591,431				TOTAL		\$35.54

Tab e 9b.	SOUTHEAST ARKANSAS						Cotton nsect osses - 1996	
PEST	Acres Infested	Acres Treated	# Insect App c	Cost of 1 App	Cost /acre	% Yield Loss	Ba es Lost	
Bo Weev s	387500	340000	5.525	\$7.25	\$40.06	3.875	40365	
Bo / budwo ms	400000	400000	3.500	\$9.37	\$32.80	3.000	31250	
Cotton Feahoppers	191500	500	0.001	\$6.50	\$0.01	0.000	0	
Lygus	400000	400000	3.500	\$6.00	\$21.00	2.500	26042	
Cotton Leaf perforators	0	0	0.000	\$0.00	\$0.00	0.000	0	
P nk Bo worms	0	0	0.000	\$0.00	\$0.00	0.000	0	
Sp der M tes	100000	27000	0.068	\$8.90	\$0.60	0.063	651	
Thr ps, ear y season	400000	160000	0.400	\$5.15	\$2.06	0.250	2604	
Beet Armyworms	52000	0	0.000	\$0.00	\$0.00	0.000	0	
Fa Armyworms	8500	0	0.000	\$0.00	\$0.00	0.000	0	
European Cornborers	0	0	0.000	\$0.00	\$0.00	0.000	0	
St nk Bugs	0	0	0.000	\$0.00	\$0.00	0.000	0	
Grasshoppers	0	0	0.000	\$0.00	\$0.00	0.000	0	
Sa tmarsh Catep ers	0	0	0.000	\$0.00	\$0.00	0.000	0	
Aph ds	400000	180000	0.540	\$6.10	\$3.29	0.500	5208	
Bandedw ng Wh tef es	200000	0	0.000	\$0.00	\$0.00	0.000	0	
Sweet Potato Wh tef es	0	0	0.000	\$0.00	\$0.00	0.000	0	
Soybean Loopers	180000	8500	0.021	\$12.00	\$0.26	0.000	0	
Cabbage Loopers	180000	1200	0.003	\$12.00	\$0.04	0.000	0	
Western Flower Thr ps	400000	0	0.000	\$0.00	\$0.00	0.000	0	
Cutworms	136200	113000	0.283	\$3.50	\$0.99	0.034	355	
							Cost /Acre	
Percent Lost:	10.22	est. Yield per acre:		800	Foliar insecticide		\$101.09	
Tota Acres:	400000				At planting insecticides		\$8.17	
Tota Acres Harvested:	400000	Tota cost and loss insect related:		\$85,493,795	Bt use license fees		\$15.03	
Tota Ba es Lost:	106474	Tota cost + Loss/acre:		\$213.73	eradication		\$0.00	
Ba es ost n \$\$\$:	\$35,775,425				TOTAL		\$124.30	