

Table 1.-- Estimated reduction in 1979 cotton yields resulting from insect damage^a

Loss attributable to--	State																No. Bales Loss all states	% loss, avg. all states
	AL	AZ	AR	CA	FL	GA	LA	MS	MO	NM	NC	OK	SC	TN	TX	VA		
Boll weevil:																		
Percent---	4.0	NA ^h	0.5	NA	1.5	16.0	4.0	3.16	0	NA	0.05	0	3.0	0	1.6	0		1.4
Bales-----	12.8	NA	3.05	NA	0.052	24.8	27.6	45.82	0	NA	0.022	0	3.45	0	91.2	0	208.794	
Bollworm-tobacco budworm:																		
Percent--	12.0	0.1	1.0	0.02	12.5	10.0	2.0	3.35	3.0	0.5	4.0	6.0	8.0	1.0	4.7	5.0		3.0
Bales----	38.4	1.35	6.1	0.676	0.438	15.5	13.8	48.575	4.77	0.525	1.76	31.2	9.2	1.72	267.9	0.006	441.92	
Cotton Fleahopper:																		
Percent---	0	0	1.0	0	0	0	1.0	0.16	2.0	2.0	NA	0.5	0	NA	3.3	0		1.4
Bales-----	0	0	6.1	0	0	0	6.9	2.32	3.18	2.1	NA	2.6	0	NA	188.1	0	211.3	
<i>Lygus</i> spp. And other plant bugs:																		
Percent---	4.0	0.3	1.0	1.7	1.5	4.0	1.0	4.19	9.0	5.0	0	0	3.0	5.0	0.4	0		1.4
Bales-----	12.8	4.05	6.1	57.46	0.052	6.2	6.9	60.755	14.31	5.25	0	0	3.45	8.6	22.8	0	208.727	
Cotton Leafperforator:																		
Percent---	NA	0	0	0	NA	NA	0	NA	NA	NA	NA	0	NA	NA	0	NA		0
Bales-----	NA	0	0	0	NA	NA	0	NA	NA	NA	NA	0	NA	NA	0	NA	0	
Pink bollworm:																		
Percent---	NA	0.2	0	0.02	NA	NA	0	NA	NA	0	NA	0	NA	NA	0	NA		0

Bales-----	NA	2.7	0	0.676	NA	NA	0	NA	NA	0	NA	0	NA	NA	0	NA	3,376	
Spider mite:																		
Percent---	0	0	0.5	2.9	0	1.0	0	0.19	1.0	0	0.4	0	0	0.5	0	1.0		0.7
Bales-----	0	0	3.05	98.02	0	1.55	0	2.755	1.59	0	.176	0	0	0.86	0	0.001	108.002	
Thrips:																		
Percent---	1.0	0	0	0	0	0	0	1.13	1.0	1.0	0.02	0.5	0	1.0	0.2	0		0.3
Bales-----	3.2	0	0	0	0	0	0	16.385	1.59	1.05	0.008	2.6	0	1.72	11.4	0	37.953	
Others ^{b,c,d,e,f}																		
Percent---	2.0 ^b	0.05 ^b	0	1.3 ^d	1.0 ^b	0.36 ^{B,C}	0	1.76 ^b	1.0 ^C	0	2.0 ^C	0	2.0 ^{b,c}	1.0 ^d	.06 ^{e,f}	0		0.6
Bales-----	6.4	0.675	0	43.94	0.035	0.558	0	25.520	1.59	0	0.88	0	2.3	1.72	3.42	0	87.038	
Total Percent Loss-----	23.0	0.65	4.0	5.94	16.5	31.36	8.0	13.94	17.0	8.5	6.47	7.0	16.0	8.5	10.26	6.0		8.8
Total Bale Loss-----	73.6	8.775	24.4	200.772	0.577	48.608	55.2	202.13	27.03	8.925	2.846	36.4	18.4	14.62	584.82	7	1307.11	
Yield in bales^g	320	1350	610	3380	3.5	155	690	1450	159	105	44	520	115	172	5700	.125	14773.625	

^aCost of control which helped hold losses to the indicated level not estimated; all figures in table * 1000 except %

^bFall armyworm (spodoptera frugiperda (J.E. Smith), ^cEuropean corn borer (Ostrinia nubilalis (Hubner)), ^dCotton aphid (Aphis gossypii(Glover)),

^e(Euschistus spp.), ^f cotton leafworm (Alabama argillatea(Hubner)

^gEstimated by research, Extension, and others based on Statistical Reporting Service Report

^hNA - not applicable