

Table 1 - ESTIMATED REDUCTION IN 1980 COTTON YIELDS RESULTING FROM INSECT DAMAGE¹

STATE		AL	AZ	AR	CA	FL	GA	LA	MS	MO	NM	NC	OK	SC	TN	TX	VA	No. Bales Loss	% Loss (avg.)
Boll Weevil	Percent	4.0	0.01	0	NA	1.5	6.0	2.5	2.0	0	NA	1.0	0	3.9	0	1.56	0		0.96
	Bales	11.0	0.141	0	0	0.09	5.04	11.37	23.0	0	NA	0.55	0	3.0	0	50.33	0	104.52	
Bollworm-tobacco budworm	Percent	7.0	0.2	1.0	0.28	8.0	10.0	5.7	4.0	3.5	12.0	4.0	10.0	6.5	3.0	4.88	5.0		3.07
	Bales	19.25	2.82	4.50	8.54	0.488	8.4	25.93	46.0	5.77	13.88	2.2	22.0	5.0	5.85	157.43	0.01	328.06	
Cotton fleahopper <i>Pseudatomoscelis seriatus</i> (Reuter)	Percent	0	0.05	0	0	0	0	0.5	0.04	1.0	1.0	NA	0.5	0	NA	1.60	0		0.54
	Bales	0	0.70	0	0	0	0	2.27	0.46	1.65	1.16	NA	1.1	0	NA	51.62	0	58.96	
<i>Lygus</i> spp. and other Plant bugs	Percent	2.0	2.0	0	2.25	0.5	8.0	0.6	1.1	2.0	3.0	0	0	0.5	2.0	0.13	0		1.28
	Bales	5.5	28.3	0	68.63	0.03	6.72	2.73	12.65	3.3	3.47	0	0	0.38	3.9	4.19	0	139.80	
Cotton Leafperforator	Percent	0	1.0	0	0	NA	NA	0	NA	0	NA	NA	0	NA	NA	0	0		0.13
	Bales	0	14.13	0	0	NA	NA	0	NA	0	NA	NA	0	NA	NA	0	0	14.13	
Pink bollworm	Percent	0	2.0	0	0.25	NA	NA	0	NA	NA	0	NA	0	NA	NA	0	0		0.33
	Bales	0	28.3	0	7.62	NA	NA	0	NA	NA	0	NA	0	NA	NA	0	0	35.92	
Spider Mite <i>Tetranychus</i> spp.	Percent	0.5	0.1	0.5	3.6	0.5	3.0	0.9	1.6	1.0	0	1.0	0.5	0.5	0.2	0.18	1.0		1.37
	Bales	1.37	1.41	2.25	109.8	0.03	2.52	4.09	18.4	1.65	0	0.55	1.1	0.38	0.39	5.80	0.002	149.74	
Thrips <i>Frankliniella</i> spp.	Percent	1.0	0	0	0	0	1.0	0.2	0.5	5.0	1.0	0.05	0.5	1.0	0	0.69	1.0		0.40
	Bales	2.75	0	0	0	0	0.84	0.91	5.75	8.25	1.16	0.02	1.1	0.77	0	22.26	0.002	43.81	
Others :	Percent	231.75	340.15	0	0	23.0	2350.99	0	2360.18	22.0	23.0	253.0	373.0	21.0	8910.3	3891.63	0		0.72
	Bales	4.81	2.11	0	0	0.18	0.83	0	2.07	3.3	3.47	1.65	6.6	0.77	0.59	52.58	0	78.96	
Avg. cost of control per acre (in \$)¹¹		33.00	30.00	15.00	15.60	100.00	60.00	43.21	36.00	14.00	25.00	48.00	37.50	55.00	10.00	8.05	50.00	---	---
Total Percent Loss -----		16.25	5.51	1.5	6.38	13.5	28.99	10.4	9.42	14.5	20.00	9.05	14.5	13.4	5.5	10.67	7.00	---	---
Total Bales Loss -----		44.68	77.4	6.75	194.59	0.823	24.35	47.3	108.33	23.92	23.14	4.97	31.9	10.31	10.73	344.21	0.014	953.91	8.73
Yield in Bales¹² -----		275	1413	450	3050	6.1	84	455	1150	165	115.7	55	220	77	195	3226	0		

¹All bale figures in table * 1,000. Estimated by research, extension, and others based on Statistical Reporting Service December Report.

NA= not applicable

²Fall armyworm (*Spodoptera frugiperda* (J.E. Smith)). ³Beet armyworm (*Spodoptera exigua* (Hubner)). ⁴Stink bugs (*Euschistus* sp.). ⁵European corn borer (*Ostrinia nubilalis* (Hubner)). ⁶Yellowstriped armyworm (*Spodoptera ornithogalli* (Guenee)). ⁷Grasshoppers (*Schistocerca americana* (Drury)); (*Melanoplus* spp.). ⁸Cotton aphid (*Aphis gossypii* (Glover)). ⁹Cutworms (*Agrotis* spp.); (*Feltia subterranea* (F.)). ¹⁰Whitefly (*Trialeurodes abutilonea* (Haldeman)). ¹¹Average control cost for all States-\$36.27. ¹²Total yield for all States-10,937.0