

Table 1 - ESTIMATED REDUCTION IN 1982 COTTON YIELDS RESULTING FROM INSECT DAMAGE.^a TOTAL YIELD: 12,102 bales

STATE																			
INSECTS	Loss in	AL	AZ	AR	CA	FL	GA	LA	MS	MO	NM	NC	OK	SC	TN	TX	VA	No. Bales Loss	Total % Loss
Boll Weevil	Percent	7.0	1.0	2.7	NA	7.5	7.0	4.26	3.6	0	NA	3.0	0.4	8.0	0.5	3.4	0	285.55	2.36
<i>Anthonomus grandis</i>	Bales	31.5	12.8	14.58	NA	1.58	15.4	37.49	64.8	0	NA	3.0	1.12	12.4	1.78	89.1			
(Boheman)																			
Bollworm tobacco budworm	Percent	4.2	1.5	3.6	0.25	6.0	3.0	3.79	2.2	2.0	6.0	7.1	8.0	8.4	3.0	4.0	10.0	313.72	2.59
<i>Heliothis tea</i> (Boddie)	Bales	18.9	19.2	19.44	7.75	1.26	6.6	33.35	39.6	4.2	5.38	7.1	22.4	13.02	10.65	104.84			
<i>Heliothis virescens</i> (F)																			
Cotton fleahopper	Percent	0	0.02	0.1	0	0	0	0.25	0.03	0	3.0	NA	1.0	0	0	1.7	0	53.59	0.44
<i>Pseudatomoscelis seriatus</i> (Reuter)	Bales	0	0.256	0.54	0	0	0	2.2	0.54	0	2.69	NA	2.8	0	0	44.56	0		
<i>Lygus</i> spp. and other	Percent	0.42	1.30	0.6	1.0	0.1	2.0	0.22	0.6	0.1	3.5	0	0	0.6	0.2	0.65	0	91.95	0.76
Plant bugs	Bales	1.89	16.64	3.24	31.00	0.02	4.4	1.93	10.8	0.21	3.14	0	0	0.93	0.71	17.04	0		
Cotton Leafperforator	Percent	NA	0.05	NA	0	NA	NA	NA	NA	NA	0.3	NA	0	NA	NA	0	NA	0.91	0.01
<i>Baculatrix thurberiella</i>	Bales	NA	0.64	NA	0	NA	NA	NA	NA	NA	0.27	NA	0	NA	NA	0	NA		
(Buack)																			
Pink bollworm	Percent	NA	3.10	NA	1.0	NA	NA	NA	NA	NA	2.0	NA	0	NA	NA	0.15	NA	76.4	0.63
<i>Pectinophora gossypiella</i>	Bales	NA	39.68	NA	31.00	NA	NA	NA	NA	NA	1.79	NA	0	NA	NA	3.93	NA		
(Saunders)																			
Spider Mite	Percent	0.05	0.20	0.20	2.43	0.05	0.1	0.2	0.1	0.1	0.4	0	0.2	0.3	0.05	0.67	1.5	102.34	0.85
<i>Tetranychus</i> spp.	Bales	0.225	2.56	1.08	75.33	0.01	0.22	1.76	1.8	0.21	0.36	0	0.56	0.47	0.18	17.56	0.0		
Thrips	Percent	0.05	0	0.30	0	0.10	0.10	0.16	0.39	0	2.1	0	0.25	0.9	0.02	0.52	-	28.47	0.24
<i>Frankliniella</i> spp.	Bales	0.225	0	1.62	0	0.2	0.22	1.40	7.02	0	1.88	0	0.7	1.40	0.07	13.63	-		
Others ^{c, d, e, f, g, h, i, j, k, l}	Percent	d	g-c-k	0	k	d-fk	d-e	d-i	d-h-i-l	f	f	f	i	d-i	i-k	i-k	0		
	Bales	0.52	0.65	0	0.01	0.60	0.5	0.36	0.19	1.0	0.2	5.0	0.3	1.2	0.02	0.95	0		
	Bales	2.34	8.32		0.31	0.13	1.1	3.17	3.42	2.1	0.18	5.0	0.84	1.86	0.07	24.90		53.74	0.44
Total Percent Loss -----		12.26	7.82	7.5	4.68	14.40	12.7	9.25	7.11	3.2	17.5	15.1	10.15	19.4	3.62	12.04	11.51	Total	Total
---													28.42					bales	%
Total Bales Loss -----		55.17	100.1	40.5	145.08	3.04	27.94	81.4	127.98	6.72	15.70	15.1	36.00	30.07	12.85	315.57	0.04	loss	loss
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Cost Control/Acre¹ -----		450	1280	540	3100	21.08	220	880	1800	210	89.7	100		155	355	26.21	.312		8.3

Yield in Bales^m -----																			

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

bNA= not applicable

^cFall armyworm (*Spodoptera frugiperda* (J.E. Smith)). ^dBeet armyworm (*Spodoptera exigua* (Hubner)). ^eStink bugs (*Euschistus* sp.). ^fEuropean corn borer (*Ostrina nubilalis* (Hubner)). ^gYellowstriped armyworm (*Spodoptera ornithogalli* (Guenee)). ^hGrasshoppers (*Schistocerca americana* (Drury)). ⁱCotton aphid (*Aphis gossypii* (Glover)). ^jCutworms (*Agrotis* spp.): (*Feltia subterranea* (F.)). ^kWhitefly (*Trialeurodes abutilonea* (Haldeman)). ^lAverage control cost for all States-- ^mTotal yield for all States--