Table 1.– Estimated reduction in 1984 cotton yields resulting from insect damage.

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------	1.6	0.8	0	0	5.9	0.8	2.4	0.2	0	0	0	1.0	0	0.1	0.2	0		0.4
Bales-------	7.0	9.4	0	0	1.1	2.2	24.5	3.3	0	0	0	2.0	0	0.3	7.9	0	57.7	
Bollworm-tobacco budworm:																		
Percent------	3.1	1.1	1.8	1.0	5.0	2.1	3.0	0.8	0.5	5.0	10.5	9.0	3.0	2.0	6.2	2.0		3.2
Bales-------	14.0	12.9	9.9	29.5	0.9	5.8	39.8	13.2	1.0	5.3	12.6	18.0	5.1	6.6	257.2	<0.1	431.8	
Cotton Fleahopper:																		
Percent------	NA	<0.1	0	0	0	0.6	0.4	0.4	0	2.0	0	1.0	0	0	0.7	0		0.3
Bales-------	NA	0.1	0	0	0	1.5	4.1	6.6	0	2.1	0	2.0	0	0	29.2	0	45.6	
Lygus spp. And other plant bugs:																		
Percent------	1.3	1.2	0.8	0.9	<0.1	1.2	0.4	4.9	2.0	3.0	0.5	0	0.5	7.0	0.2	0		1.3
Bales-------	5.9	14.1	4.4	26.6	<0.1	3.3	4.1	80.9	3.8	3.2	0.6	0	0.9	23.1	6.3	0	177.2	
Cotton Leafperforator:																		
Percent------	NA	<0.1	NA	<0.1	NA	NA	NA	NA	NA	0	NA	0	NA	NA	0	NA		<0.1
Bales-------	NA	0.6	NA	O.1	NA	NA	NA	NA	NA	0	NA	0	NA	NA	0	NA	0.7	
Pink bollworm:																		
Percent------	NA	3.7	NA	0.2	NA	NA	NA	NA	NA	3.0	NA	0	NA	NA	0.1	NA		0.4
Bales-------	NA	43.5	NA	6.8	NA	NA	NA	NA	NA	3.2	NA	0	NA	NA	4.2	NA	57.7	
Spider mite:																		
Percent------	0.3	0.1	0	2.0	0	<0.1	0.3	0.1	0.1	1.0	0	0.5	0.3	0.1	0.2	0		0.6
Bales-------	1.4	1.2	0	59.0	0	0.1	3.1	1.7	0.2	1.1	0	1.0	0.5	0.3	6.3		75.9	
Thrips:																		
Percent------	0.3	0	0.1	<0.1	2.0	0.1	0.3	0.1	0	1.0	0.5	0.3	1.0	1.0	0.4	1.0		0.2
Bales-------	1.3	0	0.3	0.6	0.4	0.3	3.1	1.7	0	1.1	0.6	0.5	1.7	3.3	15.9	<0.1	30.8	
Others:	3,9	4,5,11			3	3,9,12		3,8,11	6	6		12	3,6,9					
Percent------	1.1	0.1	0	0	1.5	0.5	0	0.1	0.1	0	8.0	0.3	1.8	0	0.7	0		0.4
Bales-------	5.0	1.7	0	0	0.3	1.4	0	1.7	0.1	0	9.6	0.5	3.1	0	27.1		50.5	
Total Percent Loss------	7.7	7.0	2.7	4.2	14.5	5.3	7.7	6.6	2.7	15.0	19.5	12.1	6.6	10.2	8.7	3.0		6.9
Total Bale Loss------	34.6	83.5	14.6	122.6	2.7	14.6	78.7	109.1	5.1	16.0	23.4	24.0	11.3	33.6	354.1	<0.1	927.9	
Control cost/acre($)	43.3	85.0	37.6	21.5	103.8	64.6	55.1	34.3	4.4	10.1	32.5	21.0	43.4	7.0	10.4	_ _		
Yield in bales	450	1175.8	550	2950	18.3	275	1020	1650	190	105.3	120	200	170	330	4175	1.0		
Acres harvested (x1000)	305	477	430	1400	15	180	640	1040	160	72	94	375	105	326	4700	0.3		

1 All bale figures in table x 1,000. Estimated by research, extension, and others based on Statistical reporting Service December Report. [2] Losses indicated were those incurred even with recommended control programs. [3] Fall armyworm (Spodoptera frugiperda (J. E. Smith)); [4] Beet armyworm (Spodoptera Exigua (Hubner)). [5] Stink bugs (Euschistus

spp.); [6] European corn borer (Ostrinia nubilalis (Hubner)). [7] Yellowstripped armyworm (Spodoptera ornithogalli (Guenne)): [8] Grasshoppers (Schistocerca americana (Drury)). [9] Cotton aphid (Aphis gossypii Glover); [10] Cutworms (Agrotis spp.); (Felitia subterranea (F.). [11] Whitefly (Trialeurodes abutilonea (Haldeman)); [12] Western flower thrips (Frankliniella occidentalis (pergande)). [13] Average control cost for all States–$18.73/acre (estimate for NC does not include $18.00/acre for boll weevil eradication); [14] Total Yield for all States–13,380.4 bales; total acres harvested–10,318,300 (10,401,000 including Pima Cotton).