

Table 4 (Full). National Cotton Insecticide Acre Treatments by Likely Target Pest Category

Likely Target Pest	1992	1993	1994	1995	1996	1997	1998	1999	2000
Budworm/Bollworm Complex									
aldicarb	1,010,000	1,111,000	1,650,000	1,755,000	2,499,000	3,537,000	2,640,000	3,857,000	3,744,000
azinphos-methyl	2,302,800	2,626,000	2,160,000	2,152,800	1,356,600	1,310,000	384,000	798,000	489,600
Bt	1,262,500	1,535,200	2,340,000	3,474,900	785,400	419,200	204,000	186,200	230,400
Carbofuran			520,000	1,228,500	714,000	393,000	600,000	665,000	720,000
cyfluthrin	2,110,900	1,818,000	2,640,000	3,931,200	2,618,000	2,895,100	3,024,000	1,702,400	1,497,600
Cypermethrin	1,454,400	767,600	840,000	1,579,500	1,820,700	1,781,600	2,100,000	665,000	1,267,200
Emamectin benzoate									345,600
fenpropathrin		181,800	560,000	772,200		144,100	33,333	16,625	77,778
Indoxacarb									432,000
parathion-ethyl	282,800								
parathion-methyl	7,201,300	10,463,600	12,880,000	11,863,800	7,235,200	4,598,100	3,672,000	2,340,800	1,512,000
profenofos	2,727,000	2,302,800	3,300,000	3,194,100	952,000	838,400	720,000	518,700	172,800
tebufenozide				608,400					288,000
thiodicarb	1,818,000	2,444,200	2,070,000	3,229,200	952,000	786,000	384,000	93,100	50,000
tralomethrin	1,212,000	1,414,000	1,000,000	1,638,000	642,600	550,200	204,000	518,700	316,800
Subtotal	21,381,700	24,664,200	29,960,000	35,427,600	19,575,500	17,252,700	13,965,333	11,361,525	11,143,778
Acre-treatments per planted acre	2.12	2.44	3.00	3.03	1.65	1.32	1.16	0.85	0.77
Multiple Pests									
acephate	1,636,200	1,545,300	2,400,000	3,112,200	2,284,800	2,227,000	2,244,000	2,793,000	2,592,000
bifenthrin	656,500	505,000	700,000	1,053,000	119,000		66,667	266,000	345,600
chlorpyrifos	1,060,500	1,818,000	1,260,000	2,106,000	952,000	995,600	576,000	172,900	1,080,000
endosulfan	242,400	282,800	440,000	807,300	535,500	602,600	360,000	399,000	403,200
malathion	262,600		660,000	2,457,000	4,652,900	8,501,900	8,184,000	36,176,000	35,769,600
methamidophos	222,200	101,000		304,200		183,400	60,465	20,482	288,000
methomyl	1,201,900	1,272,600	960,000	2,000,700	333,200	445,400	288,000	124,355	144,000
permethrin	212,100				154,700		120,000	11,970	25,000
Subtotal	5,494,400	5,524,700	6,420,000	11,840,400	9,032,100	12,955,900	11,899,132	39,963,707	40,647,400
Acre-treatments per planted acre	0.54	0.55	0.64	1.01	0.76	0.99	0.99	3.00	2.82
Other									
abamectin	333,300	303,000	480,000	982,800	654,500	576,400	288,000	266,000	432,000
amitraz	101,000		510,000	748,800	333,200	157,200	13,636		79,310
chlorfenapyr							264,000		
dicofol	505,000	505,000	660,000	386,100	523,600	262,000	132,000	266,000	144,000
dicrotophos	1,838,200	1,969,500	2,160,000	2,106,000	1,701,700	1,781,600	1,152,000	2,074,800	1,612,800
diflubenzuron				1,123,200			144,000		21,429
naled			220,000	351,000		288,200	19,767	71,820	53,191
petroleum oils							144,000		
propargite	343,400		200,000	234,000	238,000	144,100	43,506	35,910	48,760
sulfur									31,933
Subtotal	3,120,900	2,777,500	4,230,000	5,931,900	3,451,000	3,209,500	2,200,910	2,714,530	2,423,424
Acre-treatments per planted acre	0.31	0.28	0.42	0.51	0.29	0.25	0.18	0.20	0.17
Whitefly / Thrips									
buprofezin					48,571	45,714	31,429		27,273
deltamethrin					190,400	746,700	900,000	186,200	432,000
dimethoate	1,131,200	1,292,800	650,000	842,400	499,800	340,600	312,000	518,700	316,800
disulfoton			500,000	514,800	595,000	524,000	600,000	532,000	144,000
esfenvalerate	1,616,000	929,200	1,150,000	1,556,100	1,166,200	1,048,000	540,000	266,000	125,000
imidacloprid				1,368,900	1,082,900	1,021,800	624,000	558,600	475,200
lambda-cyhalothrin	3,555,200	2,545,200	5,800,000	5,405,400	3,998,400	4,480,200	4,560,000	2,128,000	1,944,000
oxamyl	1,777,600	1,616,000	2,080,000	2,433,600	2,320,500	3,144,000	2,112,000	2,606,800	2,851,200
phorate	303,000	404,000	600,000	585,000	476,000	917,000	600,000	532,000	720,000
pyriproxyfen					142,800	131,000	120,000	39,900	60,000
spinosad							768,000	478,800	1,368,000
sulprofos	686,800		560,000	280,800			12,698		
zeta-cypermethrin		363,600	1,470,000	2,527,200	761,600	917,000	1,380,000	798,000	648,000
Subtotal	9,069,800	7,150,800	12,810,000	15,514,200	11,282,171	13,316,014	12,560,127	8,645,000	9,111,473
Acre-treatments per planted acre	0.90	0.71	1.28	1.33	0.95	1.02	1.05	0.65	0.63
Total all insects	39,066,800	40,117,200	53,420,000	68,714,100	43,340,771	46,734,114	40,625,502	62,684,762	63,326,074
All Acre Treatments per planted acre	3.87	3.97	5.34	5.87	3.64	3.57	3.39	4.71	4.40