

Table 1. MAE Recovery of Chlordane from ERA Soil Standard<sup>1</sup>

	$\gamma$ -(trans) chlordane	$\alpha$ -(cis) chlordane	p,p'-DDE
ERA certified value	195	293	300
ERA mean recovery value	171 <sup>2</sup>	213 <sup>3</sup>	242 <sup>4</sup>
CAES average value <sup>5</sup>	141 +/- 20	300 +/- 39	282 +/- 40
CAES extraction range <sup>5</sup>	116 to 179	250 to 337	242 to 367
ERA Performance Acceptance Limits	94 to 228	111 to 347	151 to 357

<sup>1</sup>Concentrations in ng/g on dry weight basis

<sup>2</sup>Average from 6 laboratories

<sup>3</sup>Average from 7 laboratories

<sup>4</sup>Average from 14 laboratories

<sup>5</sup>Average of ten extractions +/- standard deviation

Table 2. Calculation of Chlordane Half-Life

	1998 Concentration* Determined	1998 Amount* Calculated	1998 Amount Remaining	t <sub>1/2</sub> in years
0 to 15 cm max	17.6 $\mu$ g/g	982 g	54.0%	42.7
0 to 15 cm min	1.65 $\mu$ g/g	92.1 g	5.1%	8.8
0 to 15 cm avg	8.12 $\mu$ g/g	453 g	24.9%	18.9
15 to 30 cm max	4.5 $\mu$ g/g	251 g	13.8%	13.2
15 to 30 cm min	0.26 $\mu$ g/g	14.5 g	0.79%	5.4
15 to 30 cm avg	1.07 $\mu$ g/g	59.7 g	3.3%	7.7
sum of 0 to 15 cm avg and 15 to 30 cm avg	9.19 $\mu$ g/g	513 g	28.2%	20.8

\*As ( $\gamma$ -chlordane +  $\alpha$ -chlordane + trans-nonachlor)

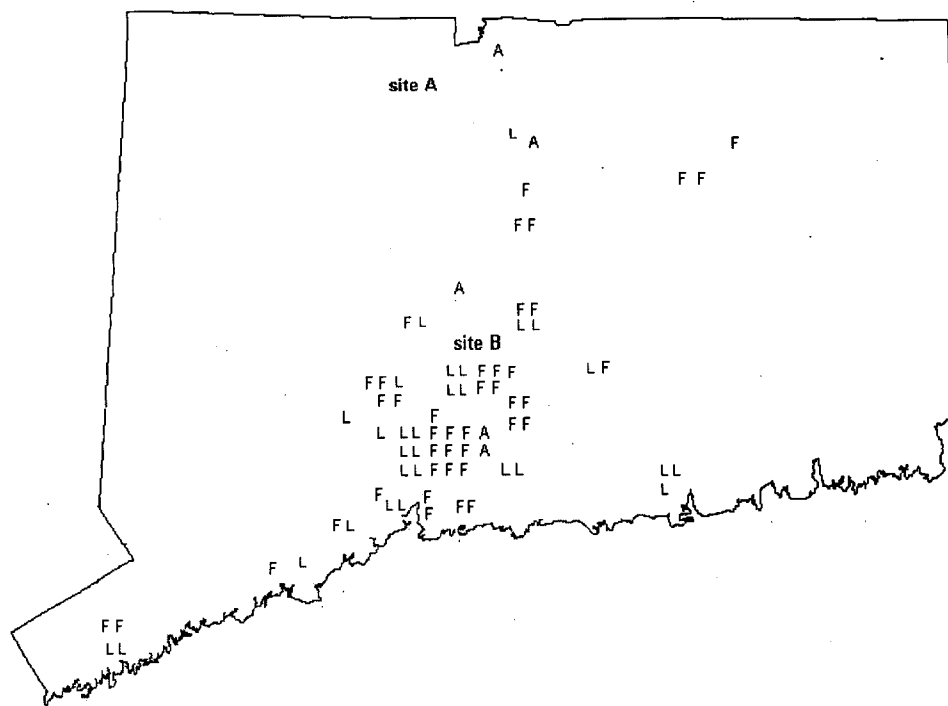


Figure 1. Location of foundation (F) sites; lawn/garden (L) sites; agricultural (A, site A, site B) sites.

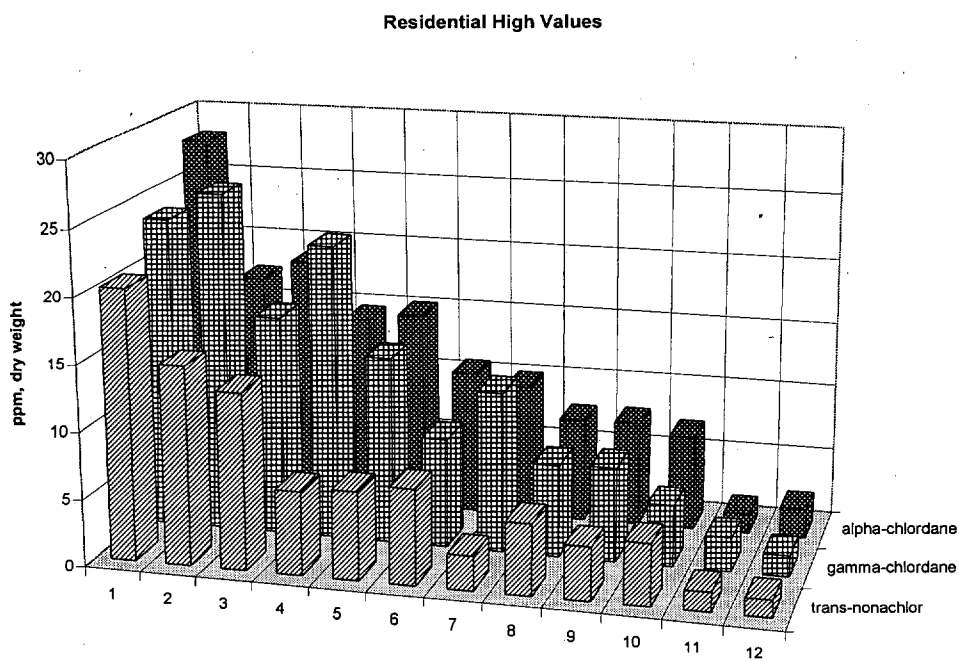


Figure 2. Concentrations  $\geq 5 \mu\text{g/g}$  in residential sites.