

(VII)

Table - AThe LC₉₅ ($\mu\text{g/ml}$) after final observation period of some organotin coordination compounds

Compounds	<u>Contact toxicity test</u>			<u>Contact plus stomach toxicity test</u>			
	<u>T.</u> telarius	<u>O.</u> coffae	<u>B.</u> obovatus	<u>T.</u> telarius	<u>O.</u> coffae	<u>B.</u> obovatus	<u>P.</u> harti
1. Plictran	22.70	7.98	14.54	27.90	46.81	67.47	24.70
2. <u>bis</u> (Tricyclohexyltin) succinyl <u>bis</u> -N-phenyl hydroxamate	28.75	16.95	43.75	26.73	49.56	53.25	64.90
3. <u>bis</u> (Tricyclohexyltin) glutaryl <u>bis</u> -N-phenyl hydroxamate	37.03	48.00	145.75	50.24	48.02	129.74	57.24
4. Dicyclohexyltin oxalyl <u>bis</u> -N-phenyl hydroxamate	67.92	66.42	51.98	773.81*	188.88	63.41	109.43
5. Tricyclohexyltin N-hydroxy succinimide	122.48	58.77	240.81	91.31	57.77	412.19	218.02
6. Tricyclohexyltin N- hydroxy phthalimide	123.87	149.90	177.45	78.41	175.88	279.05	141.00
7. Tricyclohexyltin diphenyl carbazonate	919.80	293.44	159.37	215.07	65.36	410.01	695.72
8. Tricyclohexyltin oxine	77.23	46.45	105.60	139.82	112.58	240.21	151.39
9. Tricyclohexyltin phthalimide	65.64	37.28	120.73	107.59	168.95	159.32	310.44

* Seems to be an abnormal value, the reason for which could not presently explained.

(VIII)

Table - B

The LC_{95} ($\mu\text{g/ml}$) after final observation periods and percent mortality of eggs, for some organotin coordination compounds.

	<u>Stomach toxicity test</u>				<u>Ovicidal action</u> (% mortality) after 6 days conc. (50 g/ml)	
	<u>T.</u> <u>telarius</u>	<u>O.</u> <u>coffae</u>	<u>B.</u> <u>obovatus</u>	<u>P.</u> <u>harti</u>	<u>T. telarius</u>	<u>O. coffae</u>
1. Plictran	123.41	55.53	116.96	304.61	93.10	88.13
2. <u>bis</u> (Tricyclohexyltin) succinyl <u>bis</u> -N-phenyl hydroxamate	95.03	106.38	254.72	338.09	91.38	87.26
3. <u>bis</u> (Tricyclohexyltin)glutaryl <u>bis</u> -N-phenyl hydroxamate	168.11	145.93	385.79	336.63	78.57	83.92
4. Dicyclohexyltin oxalyl <u>bis</u> - N-phenyl hydroxamate	144.12	160.90	448.95	906.03	76.78	66.67
5. Tricyclohexyltin N-hydroxy succinimide	334.84	135.82	1734.20	3033.30	80.70	64.40
6. Tricyclohexyltin N-hydroxy phthalimide	153.22	117.90	1708.93	1147.48	80.00	78.57
7. Tricyclohexyltin diphenyl carbazonate	258.96	119.35	1229.35	1158.07	72.73	64.40
8. Tricyclohexyltin oxine	816.04	162.25	833.11	347.67	84.48	81.81
9. Tricyclohexyltin phthalimide	1173.40	181.28	235.75	391.08	87.93	81.02