

TABLE 4
Susceptibility of Termites to Boric Acid

Loading % of boric acid		Mean % eaten taken from two readings					
		N.exitiosus		C.lacteus		C.acinaciformis	
Matai	Radiata pine	Matai	Radiata pine	Matai	Radiata pine	Matai	Radiata pine
0.92	1.09	3.61	5.30	3.04	3.09	1.9	4.8
0.46	0.56	4.62	10.95	5.57	5.82	1.8	15.5
0.23	0.29	7.16	11.82	12.53	12.10	32.7	100
0.091	0.11	7.01	11.10	29.21	92.18	100	100
0.05	0.05	6.56	12.68	42.31	100	100	100
Water treated controls		7.29	12.24	79.51	100	100	100

GAY F.D.J., HARROW K.M. and WETHERLY A.H. 1958: Laboratory studies of termite resistance. III. A comparative study of the anti-termite value of boric acid, zinc chloride, and Tanalith U. CSIRO Australia, Entomology Technical Paper 4.

TABLE 3
Minimum Toxicity Levels of Various Preservatives
against Three Test Fungi

Preservative	Minimum toxicity levels (g/specimen) against:		
	Coniophora cerebella	Poria vaporaria	Lenzites trabea
Boric acid	0.005-0.010	0.005-0.010	0.010-0.015
Borax	0.015-0.020	0.015-0.020	0.015-0.020
Fluor-chrome-arsenate phenol	0.005-0.010	0.030-0.050	0.030-0.050
Copper-zinc-chrome-arsenate	< 0.005	0.010-0.020	0.010-0.020
Zinc-chrome-arsenate	0.005-0.010	0.015-0.025	0.025-0.035
Acid-copper-chromate	> 0.060	> 0.060	0.040-0.060
Acid-copper-chromate plus boric acid (80% to 20% boric acid	0.020-0.035	0.020-0.030	0.020-0.030

CARR D.R. 1957: Toxicities of some waterborne wood preservatives to wood-destroying fungi. New Zealand Forest Service, Forest Research Institute Report (unpublished).

TABLE 2
Toxicity of Boric Acid to Four Wood-Destroying Fungi

Loading %	Coniophora cerebella (N.Z.)	C. cerebella (Princes Risborough)	Poria vaporaria	Lenzites trabea	Treatment mean
0.9	100	100	100	100	100
0.48	91.2	98.4	100	97.0	96.6
0.24	67.2	76.6	90.7	64.4	74.7
0.10	9.6	13.4	39.2	17.2	15.0

HARROW K.M. 1951: Note on the soil moisture content used with the Leutritz technique for testing toxicity of wood preservatives against fungi. New Zealand Journal of Science and Technology, Section B31(5):14-19.