

Table 1. Overall percent mortality (mean (\bar{X}) and standard error (SE)) of drywood termites 3 days post-treatment in artificially infested boards treated *in situ* with one of six control methods.

Treatment	n ₁ ^c	\bar{X}	SE	n ₂ ^d	Location in building ^a			<i>t</i> -statistic ^b	
					attic	drywall	subarea	90%	99%
Sulfuryl Fluoride	84	100.0	0	0	100.0	100.0	100.0	∞ *	∞ *
CO ₂ -MB	84	100.0	0	0	100.0	100.0	100.0	∞ *	∞ *
Excessive Heat	83	96.1	1.0	10	100.0	100.0	85.8	5.92 *	-2.81
Liquid Nitrogen									
381.8 kg/m ³	23	100.0	0	0	INA	100.0	INA	∞ *	∞ *
122.7 kg/m ³	24	98.2	1.0	3	INA	98.2	INA	8.10 *	-0.80
57.3 kg/m ³	24	84.3	3.6	18	INA	84.3	INA	-1.59	-4.10
Electrocution									
Test 1	48	43.8	3.0	48	25.9	54.2	40.8	-15.5	-18.5
Test 2	18	93.4	2.5	9	99.8	85.6	95.0	-1.31	-2.15
Microwaves	33	89.6	4.0	9	88.9	89.9	INA	-0.11	-2.35

Table 1. Continued.

^a Percentage mortality for boards placed in the attic, drywall, and subarea. INA = inaccessible to treatment.

^b For artificially infested boards, critical t values must be greater than 1.65 to reject the null hypothesis. Values followed by an asterisk are statistically significant at the $\alpha = 0.05$ level.

^c Total number of test boards used during treatments.

^d Number of test boards with live termites 3 days post-treatment.

Table 2. Overall percent mortality (mean (\bar{X}) and standard error (SE)) of drywood termites 4 weeks post-treatment in artificially infested boards treated *in situ* with one of six control methods.

Treatment	n ₁ ^c	\bar{X}	SE	n ₂ ^d	Location in building ^a			<i>t</i> -statistic ^b	
					attic	drywall	subarea	90%	99%
Sulfuryl Fluoride	-- ^e	--	--	--	--	--	--	∞ *	∞ *
CO ₂ -MB	--	--	--	--	--	--	--	∞ *	∞ *
Excessive Heat	83	97.5	0.8	10	--	--	91.1	9.00 *	-1.80
Liquid Nitrogen									
381.8 kg/m ³	--	--	--	--	INA	--	INA	∞ *	∞ *
122.7 kg/m ³	24	99.6	0.8	3	INA	98.2	INA	12.1 *	0.75
57.3 kg/m ³	24	87.0	3.1	17	INA	84.3	INA	-0.98	-3.93
Electrocution									
Test 1	48	81.2	3.0	40	75.2	85.3	79.2	-4.27	-8.64
Test 2	18	98.5	1.0	3	100.0	95.6	100.0	9.33 *	-0.55
Microwaves	33	91.9	3.5	9	90.0	93.0	INA	0.54	-2.02

Table 2. Continued.

^a Percentage mortality for boards placed in the attic, drywall, and subarea. INA = inaccessible to treatment.

^b For artificially infested boards, critical t values must be greater than 1.65 to reject the null hypothesis. Values followed by an asterisk are statistically significant at the $\alpha = 0.05$ level.

^c Total number of test boards used during treatments.

^d Number of test boards with live termites 4 weeks post-treatment.

^e Treatments had 100 percent mortality 3 days post-treatment.

Table 3. Overall percent mortality (mean (\bar{X}) and standard error (SE)) of drywood termites 4 weeks post-treatment in naturally infested boards treated *in situ* with one of six control methods.

Treatment	n ₁ ^c	\bar{X}	SE	n ₂ ^d	Location in building ^a			t-statistic ^b	
					attic	drywall	subarea	90%	99%
Sulfuryl Fluoride	15	99.9	0.2	1	100.0	99.8	100.0	123.6 *	11.2 *
CO ₂ -MB	17	99.8	0.3	1	100.0	100.0	99.5	57.6 *	4.7 *
Excessive Heat	18	100.0	0	0	100.0	100.0	100.0	∞ *	∞ *
Liquid Nitrogen									
381.8 kg/m ³	8	100.0	0	0	INA	100.0	INA	∞ *	∞ *
122.7 kg/m ³	9	99.8	0.1	2	INA	99.8	INA	98.0 *	8.0 *
57.3 kg/m ³	9	74.3	11.7	5	INA	74.3	INA	-1.34	-2.11
Electrocution									
Test 1	9	88.6	4.9	8	92.5	87.9	85.3	-0.29	-2.12
Test 2	8	95.1	1.31	5	98.7	92.4	95.4	3.89 *	-2.98
Microwaves	9	98.7	0.8	3	INA	98.7	INA	10.9 *	-0.38

Table 3. Continued.

^a Percentage mortality for boards placed in the attic, drywall, and subarea. INA = inaccessible to treatment.

^b For artificially infested boards, critical t values must be greater than 1.86 to reject the null hypothesis. Values followed by an asterisk are statistically significant at the $\alpha = 0.05$ level.

^c Total number of test boards used during treatments.

^d Number of test boards with live termites 4 weeks post-treatment.