



Supplementary Material

Toxicity and Repellency Potential of Silver Nano-Formulated Phytoextracts Against Rice Weevil *Sitophilus oryzae* (L.) (Coleoptera: Curculionidae)

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Supplementary Table I. Analysis of variance (ANOVA) comparison table for mean mortality of adult weevils of *S. oryzae* exposed to 10% plant extracts recorded at 96 h post-exposure under laboratory conditions.

Source	DF	SS	MS	F	P
Treatment	4	1478.00	369.500	6.68	0.0014
Error	20	1106.00	55.300		
Total	24	2584.00			

Supplementary Table II. Analysis of variance (ANOVA) comparison table for mean mortality of adult weevils of *S. oryzae* exposed to different concentrations of nano-formulated plant extracts recorded at 96 h post-exposure under laboratory conditions.

Source	DF	SS	MS	F	P
Treatment	3	2575.7	858.57	7.53	0.0002
Concentration	3	13578.6	4526.20	39.70	0.0000
Treatment × concentration	9	2384.3	264.92	2.32	0.0248
Error	64	7296.1	114.00		
Total	79	25834.7			

Supplementary Table III. Analysis of variance (ANOVA) comparison table for mean repellency of adult weevils of *S. oryzae* exposed to different concentrations of nano-formulated plant extracts recorded at 96 h post-exposure under laboratory conditions.

Source	DF	SS	MS	F	P
Plant extract (PE)	3	1267.5	422.50	3.50	0.0509
Concentration (Conc.)	1	2722.5	2722.50	3.21	0.0225
PE × Conc.	3	2287.5	762.50	1.90	0.4521
Error	32	27120.0	847.50		
Total	39	33397.5			

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