Table 2 The values [LFL-UFL, Mean dose ± S.E.] of the bacteria *B. sphaericus* as a mosquito larvicide agent, under laboratory conditions (n= 9 trials per dose). The $\chi 2$ values indicate the significant level of the probit analysis in LFL and UFL and Regression equation on mortality rate and dose of *B. sphaericus* used to deduce the effective mean dose (ml/l of bacterial spores)

Mosquito species	3 h exposure LFL - UFL	χ^2	Regression equation	6 h exposure LFL - UFL	χ^2	Regression equation	9 h exposure LFL - UFL	χ^2	Regression equation
Anopheles subpictus	8.60 -11.31 9.78 ± 1.09	6. 64	y= 5.004x – 1.991, R^2= 0.965, F=303.705, df= 1,10, P<0.001	3.86 – 4.20 4.04 ± 1.10	7.1 4	y= 5.356x + 21.04, R^2= 0.755, F=30.894, df= 1,10, P<0.001	1.91 – 1.96 1.95 ± 1.10	3.1 8	y= 4.161x + 49.234, R^2= 0.520, F=10.833, df= 1,10, P<0.008
Armigeres subalbatus	9.54 -13.78 11.29 ± 1.10	3. 25	y= 4.404x – 2.791, R^2= 0.949, F=206.859, df= 1,10, P<0.001	2.62 – 14.4 6.14 ± 1.10	34. 88	y= 3.808x + 19.484, R^2= 0.912, F=103.629, df= 1,10, P<0.001	1.25 – 6.68 3.11 ± 1.00	45. 55	y= 5.565x + 25.76, R^2= 0.880, F=73.05, df= 1,10, P<0.008
Culex quinquefasciatus	2.03 – 3.91 2.88 ± 1.11	4. 80	y=4.629x + 30.237, R^2= 0.942, F=161.695, df= 1,10, P<0.001	1.18 – 1.85 1.52 ± 1.10	0.6 7	y= 3.223x + 59.23, R^2= 0.668, F=20.154, df= 1,10, P<0.001	0.905 – 1.49 1.213 ± 1.13	0.7 33	y= 2.346x + 70.946, R^2= 0.52, F=10.833, df= 1,10, P<0.008