

Table 2 Impact of the leaf and stem hexane extracts of *Achyranthes aspera* on the behaviour of early fourth instars of *Aedes aegypti*

Time	Hexane leaf extract of <i>Achyranthes aspera</i>			Hexane stem extract of <i>Achyranthes aspera</i>		
	LC ₃₀ (66.545 ppm)	LC ₅₀ (82.555 ppm)	LC ₉₀ (139.817 ppm)	LC ₃₀ (54.982 ppm)	LC ₅₀ (68.133 ppm)	LC ₉₀ (115.075 ppm)
0 min	All larvae exhibited natural and vigorous movements					
2 min	Initial excitation, agitation and restlessness					
10 min	Restlessness, coiling movements due to aggressive self-biting of their anal papillae forming ring like structure					
	(16.666 ± 0.333) ^a	(18.333 ± 0.333) ^a	(58.333 ± 0.333) ^a	(15.000 ± 0.000) ^a	(21.666 ± 0.333) ^c	(56.666 ± 1.201) ^a
15 min	(28.333 ± 0.333) ^a	(33.333 ± 0.333) ^a	(61.666 ± 0.333) ^a	(21.666 ± 0.333) ^a	(28.333 ± 0.881) ^a	(58.333 ± 0.881) ^a
30 min	Severe restlessness, tremor, convulsions and struggling behaviour					
	(30.000 ± 0.000) ^a	(45.000 ± 0.577) ^a	(86.666 ± 0.333) ^a	(30.000 ± 0.000) ^a	(38.333 ± 0.666) ^a	(81.666 ± 0.666) ^a
1 h	Tremor and convulsions followed by paralysis					
	(33.333 ± 0.333) ^a	(46.666 ± 0.333) ^a	(88.333 ± 0.333) ^a	(30.000 ± 0.577) ^a	(43.333 ± 0.666) ^a	(90.000 ± 0.577) ^a
	(21.666 ± 0.333) ^b	(28.333 ± 0.333) ^b	(10.000 ± 0.577) ^b	(21.666 ± 0.666) ^b	(36.666 ± 0.881) ^b	(78.333 ± 0.666) ^b
	(11.666 ± 0.333) ^c	(18.333 ± 0.333) ^c	(76.666 ± 0.881) ^c	(0.0 ± 0.0) ^c	(0.0 ± 0.0) ^c	(0.0 ± 0.0) ^c
2 h	(35.000 ± 0.577) ^a	(51.666 ± 0.333) ^a	(86.666 ± 0.333) ^a	(33.333 ± 0.333) ^a	(51.666 ± 0.333) ^a	(83.333 ± 0.881) ^a
	(13.333 ± 0.333) ^b	(05.000 ± 0.577) ^b	(0.0 0.0) ^b	(05.000 ± 0.577) ^b	(06.666 ± 0.666) ^b	(03.333 ± 0.333) ^b
	(21.666 ± 0.666) ^c	(45.000 ± 0.000) ^c	(86.666 ± 0.333) ^c	(28.333 ± 0.666) ^c	(45.000 ± 0.577) ^c	(80.000 ± 1.154) ^c
3 h	(33.333 ± 0.666) ^c	(50.000 ± 0.577) ^c	(86.666 ± 0.333) ^c	(1.666 ± 0.333) ^b	(1.666 ± 0.333) ^b	(05.000 ± 0.577) ^b
				(35.000 ± 0.577) ^c	(51.666 ± 0.333) ^c	(83.333 ± 0.881) ^c
24 h	(33.333 ± 0.666) ^c	(50.000 ± 0.577) ^c	(86.666 ± 0.333) ^c	(35.000 ± 0.577) ^c	(51.666 ± 0.333) ^c	(88.333 ± 0.333) ^c

Note: a = % larvae sank ± SEM; b = % moribund larvae ± SEM; c = % dead larvae ± SEM