

Table 1 Mortality of *Culex quinquefasciatus* larvae using crude extract of various plant parts at 72 hours of exposure

Sl. No.	Plants	Plant parts used	Mean mortality(%) $\pm$ SE of various plant extract at 72 hours of exposure			LC ₅₀ value (% of extract)	LC ₉₀ value (% of extract)
			0.1 %	0.5%	1%		
1.	<i>Azadirachta indica</i>	Leaf	73.33 $\pm$ 1.76	98.67 $\pm$ 1.33	100 $\pm$ 0	0.055	0.189
2.	<i>Cleome viscosa</i>	Leaf	62.67 $\pm$ 1.33	100 $\pm$ 0	100 $\pm$ 0	0.088	0.142
3.	<i>Clerodendrum viscosum</i>	Leaf	76 $\pm$ 2.30	100 $\pm$ 0	100 $\pm$ 0	0.075	0.126
4.	<i>Annona squamosa</i>	Leaf	42.67 $\pm$ 1.33	77.33 $\pm$ 1.33	92 $\pm$ 2.30	0.137	0.975
5.	<i>Derris indica</i>	Fruit	75.33 $\pm$ 1.33	98.66 $\pm$ 1.33	100 $\pm$ 0	0.050	0.182
6.	<i>Murraya koenigii</i>	Fruit	66.67 $\pm$ 1.33	100 $\pm$ 0	100 $\pm$ 0	0.084	0.138
7.	<i>Vitex negundo</i>	Leaf	60.00 $\pm$ 2.30	100 $\pm$ 0	100 $\pm$ 0	0.091	0.145
8.	<i>Mirabilis jalapa</i>	Leaf	62.67 $\pm$ 2.66	86.67 $\pm$ 1.33	93.33 $\pm$ 2.67	0.053	0.674
9.	<i>Datura fastuosa</i>	Leaf	42.67 $\pm$ 1.33	74.67 $\pm$ 1.33	85.33 $\pm$ 2.67	0.141	1.563
10.	<i>Melia azedarach</i>	fruit	57.33 $\pm$ 1.33	85.33 $\pm$ 1.33	96 $\pm$ 2.30	0.077	0.603
11.	<i>Cajanus cajan</i>	Leaf	40 $\pm$ 2.30	64 $\pm$ 2.30	81.33 $\pm$ 3.52	0.183	2.82
12.	<i>Alangium salvifolium</i>	Pericarp of fruit	74.67 $\pm$ 1.33	97.33 $\pm$ 1.33	100 $\pm$ 0	0.047	0.205
13.	<i>Adhatoda vasica</i>	Leaf	54.67 $\pm$ 1.33	69.33 $\pm$ 1.33	81.33 $\pm$ 1.33	0.074	4.442
14.	<i>Murraya paniculata</i>	Leaf	36 $\pm$ 2.30	81.33 $\pm$ 1.33	97.33 $\pm$ 1.33	0.128	0.565
15.	<i>Annona reticulata</i>	Leaf	54.67 $\pm$ 1.33	86.67 $\pm$ 1.33	93.33 $\pm$ 1.33	0.082	0.679
16.	<i>Hyptis suaveolens</i>	Leaf	49.33 $\pm$ 1.33	72 $\pm$ 2.30	81.33 $\pm$ 1.33	0.105	2.85
17.	<i>Atylosia scarabaeoides</i>	seed	37.33 $\pm$ 1.33	62.67 $\pm$ 1.33	82 $\pm$ 3.46	0.105	2.859
18.	<i>Calotropis gigantea</i>	Leaf	40 $\pm$ 2.30	75.33 $\pm$ 1.76	82.67 $\pm$ 1.33	0.155	1.71
19.	<i>Carica papaya</i>	leaf	38.67 $\pm$ 1.33	78.00 $\pm$ 2.30	85.33 $\pm$ 1.33	0.156	1.318
20.	<i>Chrysanthemum indicum</i>	Leaf	34.67 $\pm$ 1.33	64 $\pm$ 2.30	82.67 $\pm$ 2.67	0.218	2.17
21.	<i>Mangifera indica</i>	Leaf	33.33 $\pm$ 2.67	69.33 $\pm$ 1.33	74.67 $\pm$ 1.33	0.223	2.94
22.	<i>Thysanolaena maxima</i>	Leaf	25.33 $\pm$ 2.67	48 $\pm$ 2.30	68 $\pm$ 2.30	0.454	7.36
23.	<i>Solanum nigrum</i>	Leaf	41.33 $\pm$ 3.52	64 $\pm$ 2.30	78.67 $\pm$ 2.67	0.177	3.69
		fruit	73.33 $\pm$ 1.33	93.33 $\pm$ 1.33	98.67 $\pm$ 1.33	0.037	0.296
24.	<i>Solanum sisymbirifolium</i>	fruit	53.33 $\pm$ 1.33	82.00 $\pm$ 2.30	100 $\pm$ 0	0.067	0.116
25.	<i>Solanum xanthocarpum</i>	fruit	40 $\pm$ 2.30	72 $\pm$ 2.30	82.67 $\pm$ 2.67	0.162	1.92
26.	<i>Sida cordifolia</i>	leaf	37.33 $\pm$ 1.33	64 $\pm$ 2.30	80 $\pm$ 2	0.203	2.83
27.	<i>Ricinus communis</i>	Seed	45.33 $\pm$ 1.33	73.33 $\pm$ 1.33	84 $\pm$ 2.30	0.129	1.90
28.	<i>Polyalthia longifolia</i>	Seed	66.67 $\pm$ 1.33	97.33 $\pm$ 1.33	100 $\pm$ 0	0.065	0.235
29.	<i>Ocimum sanctum</i>	Leaf	45.33 $\pm$ 1.33	72 $\pm$ 2.30	85.33 $\pm$ 1.33	0.131	1.82
30.	<i>Eucalyptus globulus</i>	leaf	32.00 $\pm$ 4.00	65.33 $\pm$ 1.33	74.67 $\pm$ 1.33	0.247	3.21
31.	<i>Acalypha indica</i>	leaf	32.00 $\pm$ 2.30	58.67 $\pm$ 1.33	76 $\pm$ 2.30	0.272	3.67
32.	<i>Clerodendrum inerme</i>	Leaf	34.67 $\pm$ 3.52	74.66 $\pm$ 1.33	92 $\pm$ 2.30	0.176	1.00