

Table 1 Mean percent mortalities due to exposure of *An. gambiae* pupae to *P. dodecandra* plant sourced from the highlands (Eldoret). Mean percent mortalities include standard deviation (Mean  $\pm$ SD)

S/N	Conc,(Mg/100ml)	Solvents used in extraction						Neem	Control
		Ethanol			Water				
		Fruit	Shoot	Midsection	Fruit	Shoot	Midsection		
1	2.5	10.00±0.00 <sup>a</sup>	10.00±0.00 <sup>a</sup>	5.00±0.00 <sup>a</sup>	10.00±0.00 <sup>a</sup>	5.00±0.00 <sup>a</sup>	5.00±0.00 <sup>a</sup>	11.67±2.89 <sup>a</sup>	2.14±2.32 <sup>b</sup>
2	5	11.67±2.89 <sup>a</sup>	10.00±0.00 <sup>a</sup>	5.00±0.00 <sup>a</sup>	11.67±2.89 <sup>a</sup>	10.00±0.00 <sup>a</sup>	10.00±0.00 <sup>a</sup>	16.67±2.89 <sup>a</sup>	2.17±2.32 <sup>b</sup>
3	10	18.33±14.43 <sup>a</sup>	15.00±5.00 <sup>a</sup>	6.67±2.89 <sup>a</sup>	25.00±8.66 <sup>a</sup>	10.00±0.00 <sup>a</sup>	11.67±2.87 <sup>a</sup>	21.67±5.77 <sup>a</sup>	2.67±2.25 <sup>b</sup>
4	20	46.67±7.67 <sup>a</sup>	21.67±2.89 <sup>a</sup>	10.00±0.00 <sup>a</sup>	46.67±7.64 <sup>a</sup>	15.00±0.00 <sup>a</sup>	13.33±2.87 <sup>a</sup>	40.00±0.00 <sup>a</sup>	2.33±2.25 <sup>b</sup>
5	40	85.00±10.00 <sup>a</sup>	21.67±2.89 <sup>a</sup>	15.00±0.00 <sup>a</sup>	85.00±10.00 <sup>a</sup>	23.33±2.89 <sup>a</sup>	21.67±2.87 <sup>a</sup>	78.33±5.77 <sup>a</sup>	2.83±2.32 <sup>b</sup>

Note: Mean percent mortality followed by superscript of different letter indicate no significant influence of treatment dose on mortality of exposed pupae; The influence was considered significant at  $p < 0.05$