

## LIST OF FIGURES

<b>Figure</b>		<b>Page</b>
1.	structural formula of the main Neem constituents.....	17
2.	structural formula of the main Cafure constituent.....	22
3.	structural formula of the main Rehan constituents.....	28
4.	structural formula of the Temphos (Abate <sup>R</sup> ) insecticide.....	34
5.	structural formula of the Deltamethrin (K-othrin <sup>R</sup> ) insecticide.....	36
6.	structural formula of the DDT insecticide.....	38
7.	structural formula of the Malathion insecticide.....	40
8.	structural formula of the Propoxure insecticide.....	42
9.	Excito-repellency Box.....	47
10.	Probit regression line parameters of response of <i>Anopheles arabiensis</i> larvae to neem leaves ethanol extract.....	63
11.	Probit regression line of response of <i>Anopheles arabiensis</i> larvae to neem leaves hexane extract.....	64
12	Probit regression line of response of <i>Anopheles arabiensis</i> larvae to cafure leaves ethanol extract.....	65
13.	Probit regression line of response of <i>Anopheles arabiensis</i> larvae to cafure leaves hexane extract.....	66

14 Probit regression line of response of <i>Anopheles arabiensis</i> larvae to neem seeds ethanol extract.....	67
15. Probit regression line of response of <i>Anopheles arabiensis</i> larvae to neem seeds hexane extract.....	68
16. Probit regression line of response of <i>Anopheles arabiensis</i> larvae to <i>Bacillus thuringiensis</i> 24 hours after exposure.....	69
17. Probit regression line of response of <i>Anopheles arabiensis</i> larvae to <i>Bacillus thuringiensis</i> 48 hours after exposure .....	70
18. Probit regression line of response of <i>Anopheles arabiensis</i> larvae to standard larvicide temphos .....	71
19. Mortality resulted from different concentrations of neem seed ethanol (NSE) to <i>Anopheles arbeinsis</i> adult.....	94
20. Mortality resulted from different concentrations of neem seed hexane (NSH) to <i>Anopheles arbeinsis</i> adult.....	95
21. Mortality resulted from different concentrations of neem leaves ethanol (NLE) to <i>Anopheles arbeinsis</i> adult.....	97
22. Mortality resulted from different concentrations of neem leaves hexane (NLH) to <i>Anopheles arbeinsis</i> adult.....	98
23. Mortality resulted from different concentrations of cafure leaves ethanol (CLE) to <i>Anopheles arbeinsis</i> adult.....	99
24. Mortality resulted from different concentrations of cafure leaves hexane (CLH) to <i>Anopheles arbeinsis</i> adult.....	100
25. Mortality resulted from different concentrations of rehan leaves hexane (RLH) to <i>Anopheles arbeinsis</i> adult.....	101
26. Mortality resulted from different plant treatments and standard insecticide to <i>Anopheles arbeinsis</i> adult.....	102

