

## APPENDICES

### ANALYSIS OF VARIANCE

#### Appendix (1): Effect of neem leaf ethanolic extract on egg mortality

Source	Degrees of Freedom	Sum of Squares	Mean Square	F Value	Prob
Replication	3	54.688	18.229	0.8678	
Factor A	3	17754.688	5918.229	281.7273	0.0000
Error	9	189.063	21.007		
Total	15	17998.438			

#### Appendix (2): Effect of neem seed kernel powder (NSKP) on egg mortality

Source	Degrees of Freedom	Sum of Squares	Mean Square	F Value	Prob
Replication	3	6.250	2.083	0.6000	
Factor A	3	24756.250	8252.083	2376.6000	0.0000
Error	9	31.250	3.472		
Total	15	24793.750			

#### Appendix (3): Effect of neem oil on egg mortality

Source	Degrees of	Sum of Squares	Mean Square	F Value	Prob
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	<b>Freedom</b>				
<b>Replication</b>	3	275.000	91.667	13.2000	0.0012
<b>Factor A</b>	3	17137.500	5712.500	822.6000	0.0000
<b>Error</b>	9	62.500	6.944		
<b>Total</b>	15	17475.000			

**Appendix (4): Effect of neem leaf ethanolic extract on larval stage**

<b>Source</b>	<b>Degrees of Freedom</b>	<b>Sum of Squares</b>	<b>Mean Square</b>	<b>F Value</b>	<b>Prob</b>
<b>Replication</b>	3	67.188	22.396	1.1416	0.3837
<b>Factor A</b>	3	21517.188	7172.396	365.6018	0.0000
<b>Error</b>	9	176.563	19.618		
<b>Total</b>	15	21760.938			

**Appendix (5): Effect of neem seed kernel powder (NSKP) on larval stage**

<b>Source</b>	<b>Degrees of Freedom</b>	<b>Sum of Squares</b>	<b>Mean Square</b>	<b>F Value</b>	<b>Prob</b>
<b>Replication</b>	3	54.688	18.229	1.6154	0.2534
<b>Factor A</b>	3	20267.188	6755.729	598.6615	0.0000
<b>Error</b>	9	101.563	11.285		
<b>Total</b>	15	20423.438			

**Appendix (6): Effect of neem oil on larval stage**

<b>Source</b>	<b>Degrees of Freedom</b>	<b>Sum of Squares</b>	<b>Mean Square</b>	<b>F Value</b>	<b>Prob</b>
<b>Replication</b>	3	12.500	4.167	1.0000	
<b>Factor A</b>	3	24300.000	8100.000	1944.0000	0.0000
<b>Error</b>	9	37.500	4.167		
<b>Total</b>	15	24350.000			

**Appendix (7): Effect of kafor oil on adult stage of *C. serratus***

<b>Source</b>	<b>Degrees of Freedom</b>	<b>Sum of Squares</b>	<b>Mean Square</b>	<b>F Value</b>	<b>Prob</b>
<b>Replication</b>	3	17.188	5.729	0.4074	
<b>Factor A</b>	3	19317.188	6439.063	457.8889	0.0000
<b>Error</b>	9	126.563	14.063		
<b>Total</b>	15	19460.938			

**Appendix (8): Effect of kafor oil on adult stage of *C. serratus***

<b>Source</b>	<b>Degrees of Freedom</b>	<b>Sum of Squares</b>	<b>Mean Square</b>	<b>F Value</b>	<b>Prob</b>
<b>Replication</b>	3	25.000	8.333	1.0000	
<b>Factor A</b>	3	26075.000	8691.667	1043.0000	0.0000
<b>Error</b>	9	75.000	8.333		

<b>Total</b>	15	26175.000			
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