

Table 3 Probit analyses and regression analyses of mortality rates of 1<sup>st</sup> – 4<sup>th</sup> instars larvae of *Cx. quinquefasciatus* in crude extract of mature fruit of *T. crispa*

Instar	Hours of exposure	LC <sub>50</sub> (%) (LCL-UCL)	LC <sub>90</sub> (%)	Regression equation	R <sup>2</sup> value
1 <sup>st</sup>	24	0.16 (0.11 – 0.21)	1.69	Y= 21.67x + 8.43	0.98
	48	0.08 (0.00-0.16)	0.39	Y= 23.67x + 12.97	0.99
	72	0.04 (0.02-0.07)	0.19	Y= 13.67x + 18.83.	0.94
	24	0.23 (0.15 – 0.32)	4.80	Y= 17.33x + 7.80	0.98
2 <sup>nd</sup>	48	0.09 (0.04 – 0.14)	1.06	Y= 19.00x + 11.77	0.98
	72	0.06 (0.03 – 0.09)	0.27	Y= 18.33x + 16.23	0.95
	24	0.35 (0.26 – 0.56)	5.93	Y= 18.00x + 5.87	0.96
3 <sup>rd</sup>	48	0.13 (0.06 – 0.17)	1.52	Y= 20.00x + 10.07	0.97
	72	0.06 (0.02 – 0.27)	0.37	Y= 19.33x + 14.93	0.97
	24	0.60 (0.39 – 2.34)	16.59	Y= 15.00x + 4.90	0.97
4 <sup>th</sup>	48	0.20 (0.10 – 0.29)	7.04	Y= 15.00x + 8.90	0.97
	72	0.07 (0.01 – 0.11)	1.38	Y= 15.33x + 13.13	0.96

Note: LCL – Lower Confidence level; UCL- Upper Confidence level