

Table 2 Log probit analysis and regression analysis of larvicidal activity of Salicylic acid and Di Nitro Salicylic acid against third instars of *Cx. quinquefasciatus*

Organic acid	Period of bioassay(h)	LC ₅₀ value	LC ₉₀ value	Regression equations	R ² value
Salicylic acid	24	107.12	203.78	Y=0.4822 X+11.44	0.89
	48	80.25	154.56	Y=0.4022 X+12.56	0.80
	72	55.24	119.06	Y=0.2556 X+45.89	0.73
3,5-Di Nitro Salicylic acid	24	636.30	5916.14	Y=0.1200 X+1.33	0.61
	48	295.49	5239.42	Y=0.1267 X+17.22	0.42
	72	65.92	324.11	Y=0.2267 X+34.89	0.67