

Table 3 Effects of photoperiod on glycogen distribution ( $\mu\text{g}/\text{mosquito}$ ) among life stages of *Culex quinquefasciatus* mosquito

Photoperiodic levels (hL)	Average larval composition	Pupal stage	Average immature composition	Adult stage
0	59.79 $\pm$ 0.53 <sup>e*</sup>	69.96 $\pm$ 0.07 <sup>f</sup>	61.97 $\pm$ 0.44 <sup>e</sup>	67.66 $\pm$ 0.49 <sup>e</sup>
6	57.98 $\pm$ 0.38 <sup>d</sup>	68.12 $\pm$ 0.00 <sup>e</sup>	60.01 $\pm$ 0.30 <sup>d</sup>	65.53 $\pm$ 0.59 <sup>d</sup>
12	52.80 $\pm$ 0.08 <sup>c</sup>	56.03 $\pm$ 0.13 <sup>c</sup>	53.45 $\pm$ 0.09 <sup>c</sup>	55.27 $\pm$ 0.05 <sup>c</sup>
13 (Control)	52.81 $\pm$ 0.19 <sup>c</sup>	57.64 $\pm$ 0.47 <sup>d</sup>	53.77 $\pm$ 0.23 <sup>c</sup>	55.04 $\pm$ 0.84 <sup>c</sup>
18	41.75 $\pm$ 0.33 <sup>b</sup>	45.58 $\pm$ 0.68 <sup>b</sup>	42.52 $\pm$ 0.34 <sup>b</sup>	41.70 $\pm$ 0.54 <sup>b</sup>
24	37.67 $\pm$ 0.72 <sup>a</sup>	39.63 $\pm$ 0.66 <sup>a</sup>	38.06 $\pm$ 0.70 <sup>a</sup>	33.54 $\pm$ 1.94 <sup>a</sup>

Note: \*Values followed by same superscript alphabet in a column are not significantly different at  $P<0.05$ ; All values are expressed as Mean $\pm$ SD of Mean