

Table 6 The mean mortality effects of different concentrations of the mixture of *Hyptis suaveolens* and *Senna hirsute* oil on 4th instar larvae of *Culex quinquefasciatus* mosquito

| Concentration (%) | Exposure Time | | | Mean repellency | % Repellency |
|-------------------|---------------|----------|------------|-----------------|--------------|
| | 1 hour | 2 hour | 3 hour | | |
| 30 | 7 | 13 | 19 | 6.3 ±0.333 | 95 |
| 20 | 5 | 10 | 17 | 5.7 ±0.667 | 85 |
| 15 | 3 | 9 | 14 | 4.7 ±0.882 | 70 |
| 10 | 3 | 7 | 13 | 4.3 ±0.882 | 65 |
| 5 | 2 | 5 | 10 | 3.3 ±0.882 | 50 |
| Means±S.E. | 4.0± 0.89 | 8.8±1.36 | 14.6± 1.57 | | |
| % Repellency | 20 | 44 | 73 | | |
| Control | 0 | 0 | 0 | | |

Note: P value for concentration and time = 0.000, 0.000; d.f = 4; Means of three replicates ± S.E (Standard Error)