Table 1 Efficacy of different plant extracts against *Aedes aegypti* egg hatching after 24 hours using in different concentrations during 2019-2020.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Plant extracts | Concentration (ppm) | | | | | Overall Mean |
| 1000 | 1500 | 2000 | 2500 | 3000 |
| 1 | 50.00 cd | 40.00 d | 23.33 e | 11.67 ef | 0.00 f | 25.00 c |
| 2 | 0.00 f | 0.00 f | 40.00 d | 60.00 c | 0.00 f | 20.00 c |
| 3 | 0.00 f | 0.00 f | 63.33 c | 0.00 f | 0.00 f | 12.67 e |
| 4 | 0.00 f | 0.00 f | 0.00 f | 0.00 f | 0.00 f | 0.00 e |
| 5 | 100.0 a | 100.0 a | 100.0 a | 88.33 ab | 85.00 b | 94.67 b |
| 6 | 100.0 a | 86.67 ab | 100.0 a | 98.33 ab | 85.00 b | 94.00 b |
| 7 | 0.00 f | 0.00 f | 0.00 f | 0.00 f | 0.00 f | 0.00 e |
| 8 | 100.0 a | 100.0 a | 100.0 a | 100.0 a | 100.0 a | 100.00 a |
| 9 | 100.0 a | 100.0 a | 100.0 a | 100.0 a | 100.0 a | 100.00 a |
| Overall Mean | 50.00 b | 47.41 c | 58.52 a | 50.93 b | 41.11 d | - |

LSD value at 0.05% for plant extracts = 1.10 LSD value at 0.05% for concentrations = 0.64

LSD value at 0.05% for interaction = 2.47

Means in columns/rows followed by similar letters are not significantly different at 0.05% level of probability (LSD test).

Plant extract: 1 = *Parthenium hysterophorus* Carrot grass

# 2 = Peganum harmala Esfand

# 3 = Azadirachta Indica Neem

# 4 = Fagonia indica Azhakay

5 = *Tamarixcanariensis Willd* Ghazz

# 6 = Eucalyptus globules gum trees

# 7 = Nicotiana tabacum Tobacco

8 = Cymbopogon citrates *Lemongrass*

9 = *Achyranthes aspera* Prickly chaff