**ESM Table 3** Olfactory attraction (Mean±SE, n=72) of four insect pest species (*S. obliqua, A. albistriga, S. litura*, and *S. lutium*) to plant surface wax chemicals (n-alkanes and FFAs in leaf equivalent amount [µg leaf-1]) of four selected host (groundnut, soybean, mikania, andparthenium) plants under specified bioassay conditions.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Olfaction (Attraction %)** | ***S. obliqua*** | ***A. albistriga*** | ***S. litura*** | ***S. lutium*** | **F3,8** | **P** | |
| **Groundnut** | | | | | | |
| C1 | 54.3±1.2a | 54.8±1.4a | 53.9±1.5a | 53.8±0.8a | 0.121 | 0.945 | |
| C2 | 55.4±0.6a | 51.9±0.4b | 52.8±1.1b | 52.6±0.6b | 4.445 | 0.041 | |
| C3 | 68.6±0.9a | 61.9±1.6b | 64.7±1.5c | 62.6±1.7bc | 4.247 | 0.045 | |
| **Soybean** | | | | | | |
| C1 | 52.6±0.5a | 53.6±0.8ab | 55.3±1.2b | 53.8±1.4ab | 1.067 | 0.416 | |
| C2 | 54.9±1.2ac | 51.6±0.4b | 53.5±0.7bc | 51.9±0.6b | 4.094 | 0.049 | |
| C3 | 67.3±1.1a | 62.9±1.5b | 65.8±1.3c | 61.9±1.6b | 3.198 | 0.084 | |
| **Mikania** | | | | | | |
| C1 | 53.2±1.1a | 53.8±0.8a | 53.1±0.7a | 53.5±1.3a | 0.094 | 0.961 | |
| C2 | 54.1±0.9a | 51.9±0.7b | 53.5±1.8ab | 51.9±0.6b | 0.982 | 0.448 | |
| C3 | 66.6±1.1a | 62.6±1.7b | 66.6±1.4a | 65.7±1.4a | 1.802 | 0.225 | |
| **Parthenium** | | | | | | |
| C1 | 53.8±1.4a | 53.9±1.5a | 53.1±0.5a | 53.8±0.8a | 0.116 | 0.948 | |
| C2 | 53.6±1.2a | 52.7±1.1a | 51.8±0.3a | 51.9±0.7a | 0.956 | 0.459 | |
| C3 | 65.9±1.1ab | 63.7±1.6a | 66.6±1.5b | 63.4±1.7a | 1.095 | 0.405 | |

Note: Within rows means followed by same letters are not significantly different (P≥0.05) by Tukey’s HSD test. Where, C1=Intact leaf vs. de-waxed leaf; C2= Combined synthetic mixture vs. total natural wax treated filter paper; C3= Combined synthetic mixture vs. total natural wax treated intact leaf.