Allelic frequencies and observed (Ho) and expected (He) heterozygosity of Est2 and Est3 loci in Z. indianus individuals selected (S) or not (NS) by malathion. A: Aracaju; F: Florianópolis; U: Uberaba; m: Males; f: Females.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Groups | Est31 | Est32 | Est33 | Est34 | Ho | He | Est2S | Est2F | Ho | He |
| *NS*  Am | 0.15 | 0.15 | 0.35 | 0.35 | 0.40 | 0.71 | 0.40 | 0.60 | 0.00 | 0.48 |
| Af | 0.44 | 0.11 | 0.17 | 0.28 | 0.89 | 0.68 | -- | -- | -- | -- |
| *Total* | 0.29 | 0.13 | 0.26 | 0.32 | 0.63 | 0.73 | 0.40 | 0.60 | 0.00 | 0.48 |
| *S*  Am | 0.05 | 0.00 | 0.18 | 0.77 | 0.09 | 0.36 | 0.20 | 0.80 | 0.00 | 0.32 |
| Af | 0.15 | 0.00 | 0.20 | 0.65 | 0.10 | 0.51 | -- | -- | -- | -- |
| *Total* | 0.10 | 0.00 | 0.19 | 0.71 | 0.09 | 0.44 | 0.20 | 0.80 | 0.00 | 0.32 |
| *NS*  Fm | 0.15 | 0.10 | 0.45 | 0.30 | 0.60 | 0.67 | 0.95 | 0.05 | 0.10 | 0.09 |
| Ff | 0.50 | 0.00 | 0.00 | 0.50 | 0.27 | 0.50 | -- | -- | -- | -- |
| *Total* | 0.33 | 0.05 | 0.22 | 0.40 | 0.42 | 0.67 | 0.95 | 0.05 | 0.10 | 0.09 |
| *S*  Fm | 0.05 | 0.00 | 0.20 | 0.75 | 0.10 | 0.44 | 0.75 | 0.25 | 0.10 | 0.37 |
| Ff | 0.68 | 0.00 | 0.00 | 0.32 | 0.63 | 0.43 | -- | -- | -- | -- |
| *Total* | 0.38 | 0.00 | 0.10 | 0.52 | 0.38 | 0.66 | 0.75 | 0.25 | 0.10 | 0.37 |
| *NS*  Um | 0.25 | 0.35 | 0.20 | 0.20 | 0.80 | 0.73 | 0.35 | 0.65 | 0.10 | 0.45 |
| Uf | 0.27 | 0.18 | 0.23 | 0.32 | 0.54 | 0.73 | -- | -- | -- | -- |
| *Total* | 0.26 | 0.26 | 0.22 | 0.26 | 0.66 | 0.74 | 0.35 | 0.65 | 0.10 | 0.45 |
| *S*  Um | 0.37 | 0.13 | 0.31 | 0.19 | 0.50 | 0.71 | 0.37 | 0.63 | 0.00 | 0.47 |
| Uf | 0.35 | 0.05 | 0.25 | 0.35 | 0.00 | 0.46 | -- | -- | -- | -- |
| *Total* | 0.36 | 0.08 | 0.28 | 0.28 | 0.61 | 0.70 | 0.37 | 0.63 | 0.00 | 0.47 |