

Table S1 Effects of different thiamethoxam concentrations on the life table parameters of *Riptortus pedestris*.

| Treatments | Proportion of females (%) | Number of eggs laid per female (eggs) | Estimated fecundity of the next generation (eggs) | Population trend index (<i>I</i>) |
|------------------|---------------------------|---------------------------------------|---|-------------------------------------|
| Control | 48.39 | 22.67 | 340.00 | 2.83 |
| LC ₁₀ | 48.28 | 23.14 | 324.00 | 2.70 |
| LC ₂₀ | 45.83 | 27.82 | 306.00 | 2.55 |
| LC ₃₀ | 47.83 | 21.82 | 240.00 | 2.00 |
| LC ₄₀ | 52.63 | 22.60 | 226.00 | 1.88 |
| LC ₅₀ | 46.67 | 24.14 | 169.00 | 1.41 |