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A freshwater mesocosm study into the effects of the neonicotinoid insecticide thiamethoxam at multiple trophic levels

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# **Community Responses** thiamethoxam/L gh 100 **Freshwater** to

- 1. Emergent Insects: No significant response from 1-100 µg/L
  - 2. Macrobenthos: No significant response from 1-100 µg/L
  - 3. Zooplankton: No significant response from 1-100 µg/L
  - 4. Phytoplankton: No significant response from 1-100 μg/L
    - 5. Thiamethoxam DT50 = <1.6 to 5.2 days (this study)
      - 6. Environmental concentrations < 1 μg/L (literature)

### THEREFORE:

Significant direct or indirect acute effects unlikely at environmental concentrations

Time

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