

PoloPlus output for acute toxicity bioassay in Kleckner et al. 2022

See Bioassay_data_github.csv for data used in the analysis.

Coumaphos: Round 6

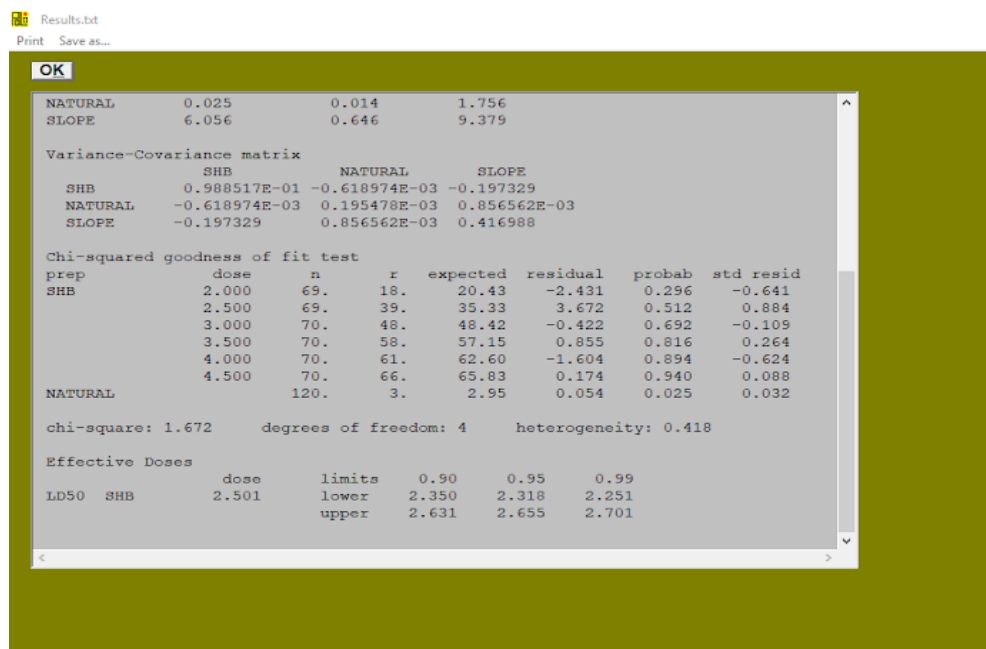


Figure 1. Output from PoloPlus calculating the LC₅₀ for coumaphos in µg/µl. LC₅₀ was later converted to µg/g.

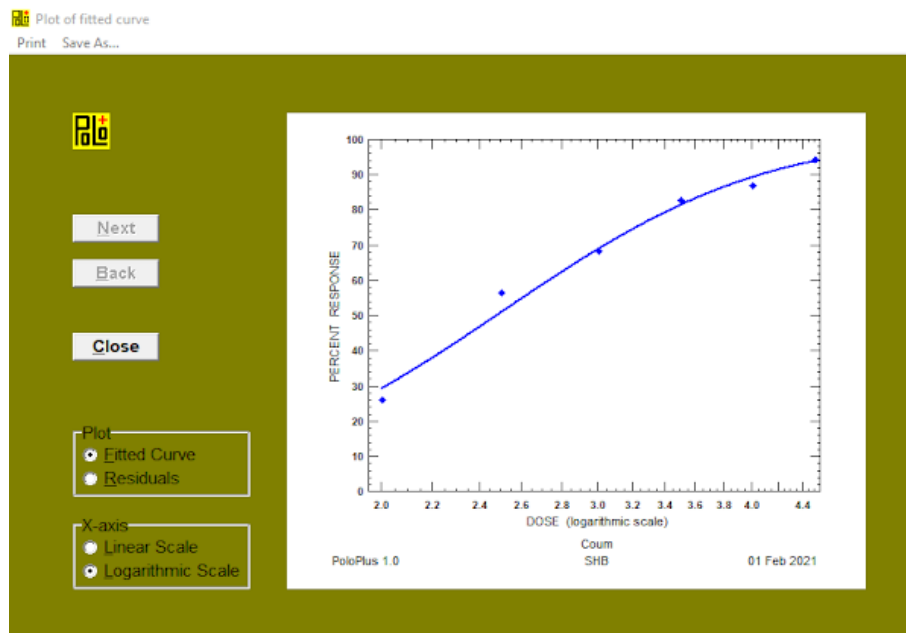


Figure 2. Graph of dose-response curve generated by PoloPlus for coumaphos. The x-axis represents the log-dose (µg/µl) and the y-axis represents the response, or mortality, at 72 hours post compound administration.

Acetamidrid: Round 2

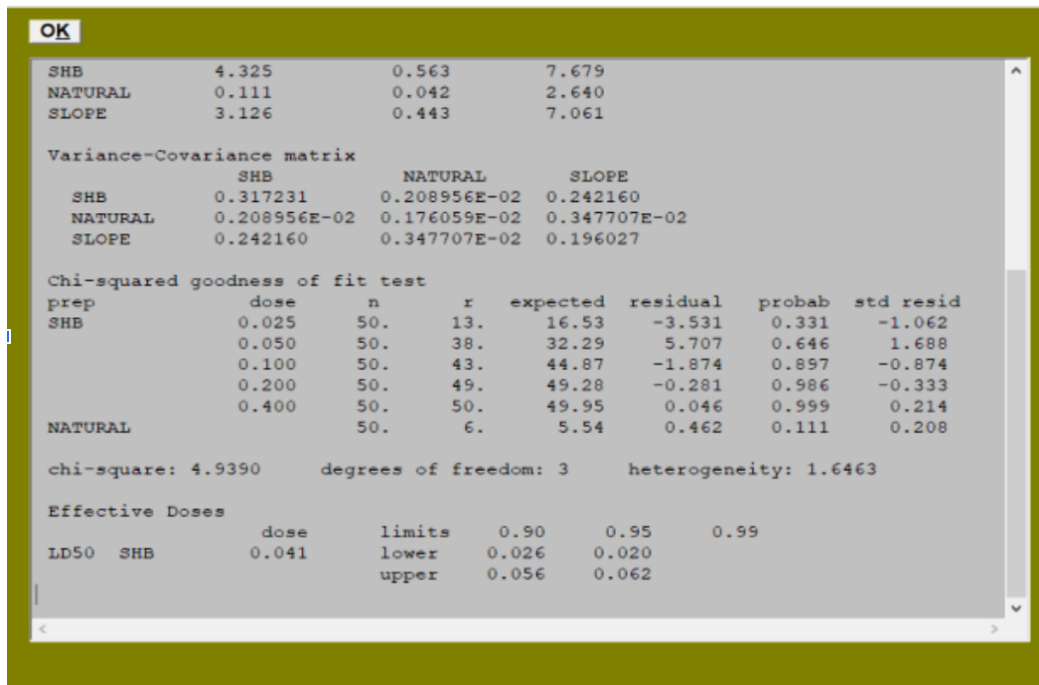


Figure 3. Output from PoloPlus calculating the LC₅₀ for acetamidrid in $\mu\text{g}/\mu\text{l}$. LC₅₀ was later converted to $\mu\text{g}/\text{g}$.

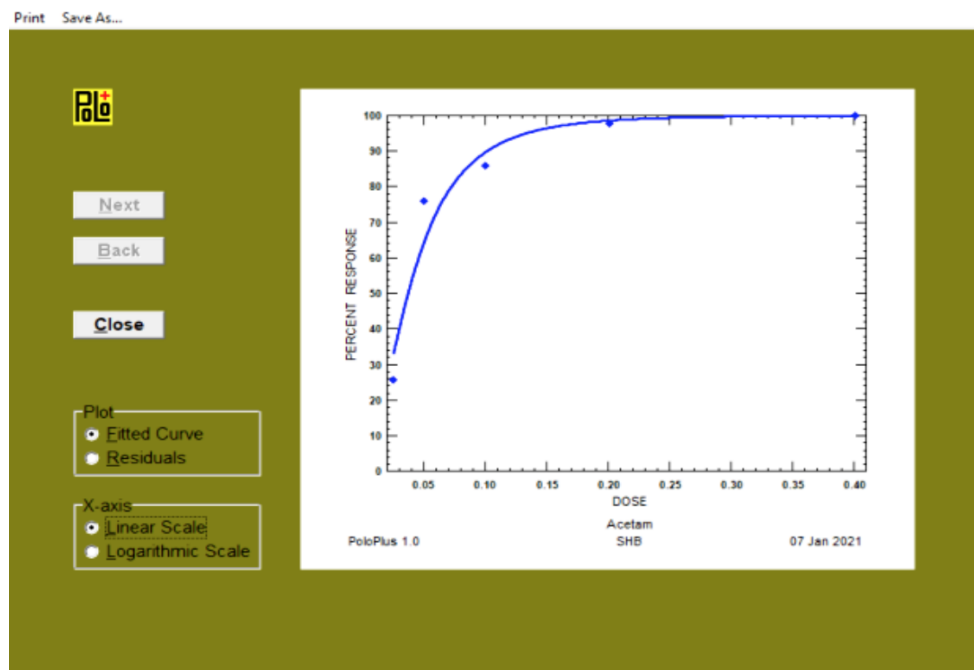


Figure 4. Graph of dose-response curve generated by PoloPlus for acetamidrid. The x-axis represents the dose ($\mu\text{g}/\mu\text{l}$) and the y-axis represents the response, or mortality, at 72 hours post compound administration.

Fipronil: Round 5

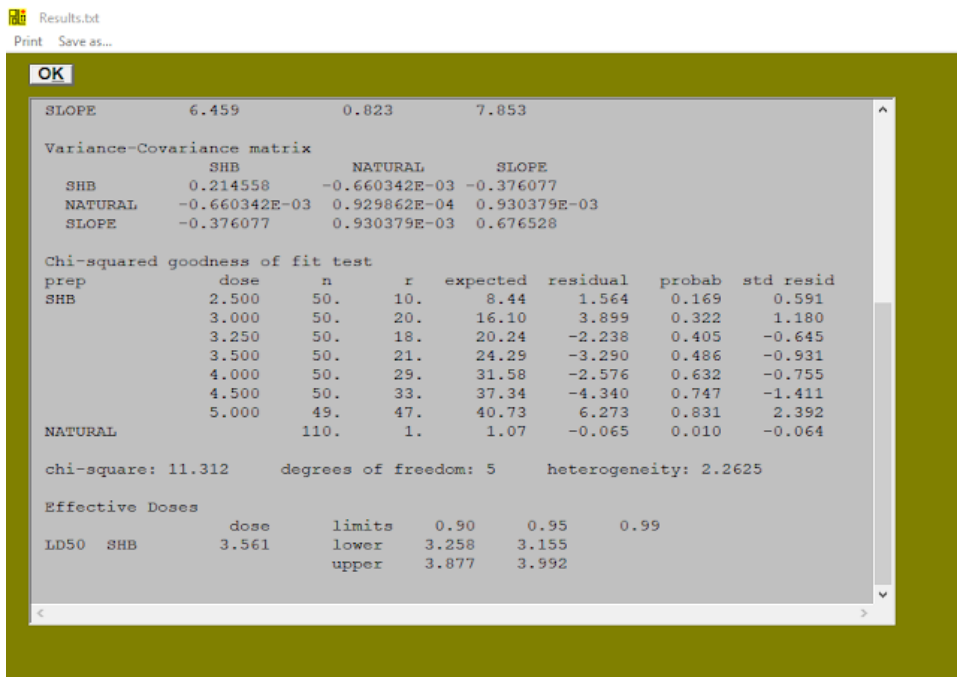


Figure 5. Output from PoloPlus calculating the LC₅₀ for fipronil in ng/μl. LC₅₀ was later converted to μg/g.

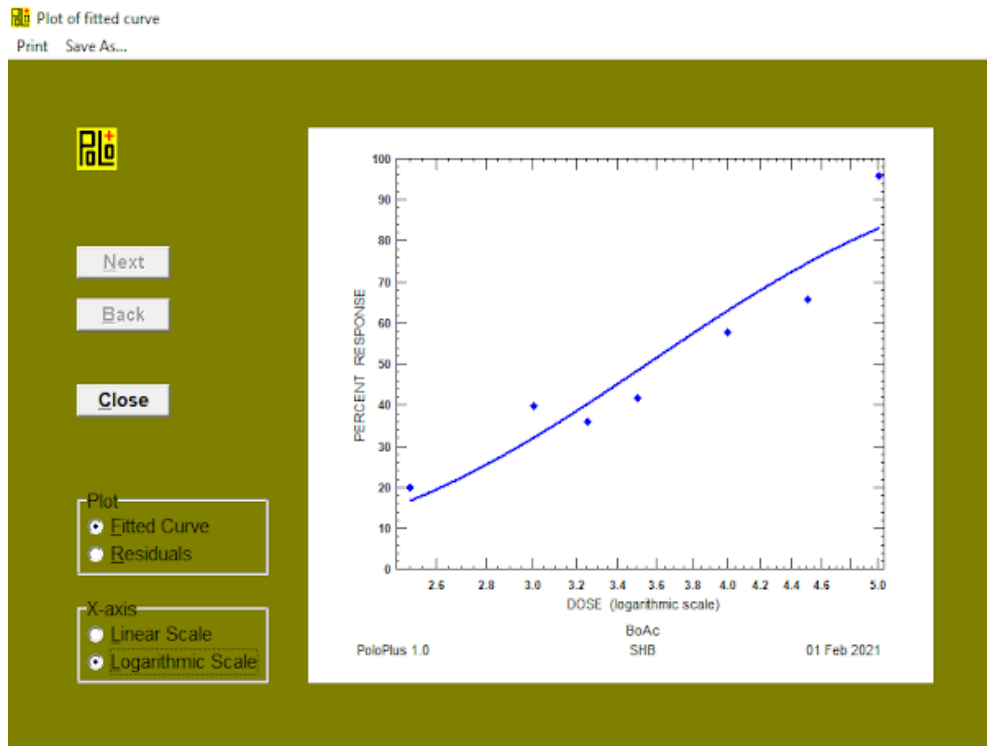


Figure 6. Graph of dose-response curve generated by PoloPlus for fipronil. The x-axis represents the log-dose (ng/μl) and the y-axis represents the response, or mortality, at 72 hours post compound administration.