

Effect of *Fabiana imbricata* constituents on *Rhopalosiphum padi* and *Heliothis zea*

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The main secondary metabolites of *Fabiana imbricata* showed toxicity towards the greenbug *Rhopalosiphum padi* when administered in an artificial diet. A dose-dependent toxicity was observed for *fabiaimbricata*-15-oic acid and oleanolic acid at doses up to 3.0 mM ($p < 0.01$). Both compounds apparently act as antifeedants at higher doses. Rutin also showed a dose-related toxicity. Scopoletin and *p*-hydroxyacetophenone were toxic at 6.0 mM. None of the compounds tested were toxic towards the fifth instar *Heliothis zea* larvae. Copyright © 1995 John Wiley & Sons, Ltd.