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Abstracts

Aged-residue method for evaluating toxicity of plant protection products to *Stethorus punctillum* (Weise) (Coleoptera: Coccinellidae)

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Stethorus punctillum (Weise) (Coleoptera: Coccinellidae) is known as an obligate predator of spidermites. Currently there are no widely recognised laboratory methods for testing the effects of plant protection products (PPP) to this species.

Here we present a method for evaluating the toxicity of PPP under extended laboratory conditions or as a persistence / aged residue study, combining field applications with laboratory bioassays. *S. punctillum* larvae were exposed to treated apple leaf disks and their development through to pupation and adult emergence monitored. An assessment of reproduction was also performed. Example data are presented to demonstrate the performance of the test design.