

## TRIALS FOR TERRESTRIAL ECOTOXICOLOGY

ORGANISM POLLINATORS	TEST TYPE	ENDPOINT	GUIDELINES	TEST DESIGN
<i>Apis mellifera</i>	Acute oral & contact	Mortality for short time exposure, up to 48 h	OECD 213/214 EPPO 170(4) EPA 850.3020	Limit test (1 dose level) Dose response test, 5 dose levels, LD50
	Chronic feeding	Effects after 10 days exposure	OECD 245	Dose response, 5 levels, LC50
	Residual toxicity	Mortality for short time exposure, up to 24 h	OPPTS 850.3030	Limit test(1 dose level)
	Larval toxicity	Mortality of larvae after 72 h	OECD 237	Dose response, 5 levels, LC50
	Bee brood study	Impact on brood development	OECD 75 Oomen et al. 1992	Dose levels requested
	Semi field brood	Mortality, flying activity and effects on the colony (brood status)	OECD 75	Dose levels requested
	Open field, greenhouse or tunnel	Mortality and behaviour at long-term	OECD 75 EPPO 170(4)	Dose levels requested
<i>Bombus spp.</i>	Acute oral & contact	Mortality for short time exposure, up to 48 h	OECD 246/247	Dose response test, 5 dose levels, LD50
	Residual toxicity	Mortality for short time exposure, up to 24 h	OPPTS 850.3030	Dose levels requested
	Open field, greenhouse or tunnel	Mortality and behaviour al long-term effects	OECD 75 EPPO 170(4)	Dose levels requested

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<b>PARASITOIDS</b>				
<i>Aphidius rhopalosiphi</i>	Acute toxicity Aged residue tests	Lethal and sub-lethal effects	Mead-Briggs et al. in IOBC (2000) and Mead-Briggs et al. IOBC (2009)	Limit test (1 dose level) Dose response test, 5 dose levels, LR50, NOER
<i>Psytalia concolor</i>	Acute toxicity Aged residue tests	Lethal and sub-lethal effects	Jacas et al. (1994)	Limit test (1 dose level) Dose response test, 5 dose levels, EC50, NOEC, LOEC
<i>Aphytis melinus</i>	Acute toxicity Aged residue tests	Lethal and sub-lethal effects	Vanaclocha et al.(2013)	Limit test (1 dose level) Dose response test, 5 dose levels, EC50, NOEC, LOEC
<i>Anagyrus pseudococci</i>	Acute toxicity Aged residue tests	Lethal and sub-lethal effects	Bakker et al. in IOBC (2000) ; Tedeschi et al. (2002)	Limit test (1 dose level) Dose response test, 5 dose levels, EC50, NOEC, LOEC
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<b>PREDATORS</b>				
<i>Chrysoperla carnea</i>	Acute toxicity Aged residue tests Field tests	Lethal and sub-lethal effects	Vogt et al. IOBC (2000)	Limit test (1 dose level) Dose response test, 5 dose levels, LR50, NOER
<i>Coccinella septempunctata</i>	Acute toxicity Aged residue tests	Lethal and sub-lethal effects	Schmuck et al .in IOBC (2000).	Limit test (1 dose level) Dose response test, 5 dose levels, LR50, NOER

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<i>Adalia bipunctata</i>	Acute toxicity Aged residue tests	Lethal and sub-lethal effects	Schmuck et al. in IOBC (2000).	Limit test (1 dose level) Dose response test, 5 dose levels, EC50, NOEC, LOEC
<i>Orius laevigatus</i>	Acute toxicity Aged residue tests Field tests	Lethal and sub-lethal effects	Bakker et al. in IOBC (2000)	Limit test (1 dose level) Dose response test, 5 dose levels, LR50, NOER
<i>Nesidiocoris tenuis</i>	Acute toxicity Aged residue tests Field tests	Lethal and sub-lethal effects	Bakker et al. in IOBC (2000) ; Tedeschi et al. (2002)	Limit test (1 dose level) Dose response test, 5 dose levels, LR50, NOER
<i>Cryptolaemus montrouzieri</i>	Acute toxicity Aged residue tests Field tests	Lethal and sub-lethal effects	---	Limit test (1 dose level) Dose response test, 5 dose levels, LR50, NOER
<i>Typhlodromus pyri</i>	Acute toxicity Aged residue tests Field tests	Lethal and sub-lethal effects	Blümel et al. in IOBC (2000)	Limit test (1 dose level) Dose response test, 5 dose levels, LR50, NOER
<i>Amblyseius swirskii</i>	Acute toxicity Aged residue tests Field tests	Lethal and sub-lethal effects	Blümel et al. in IOBC (2000)	Limit test (1 dose level) Dose response test, 5 dose levels, LR50, NOER

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<i>Phytoseiulus persimilis</i>	Acute toxicity Aged residue tests Field tests	Lethal and sub-lethal effects	Blümel et al. in IOBC (2000)	Limit test (1 dose level) Limit test (1 dose level) Dose response test, 5 dose levels, LR50, NOER

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SOIL ORGANISMS				
<i>Eisenia foetida</i>	Acute toxicity Reproduction test	Lethal and sub-lethal effects	OECD 207 and OECD 222	Limit test (1 dose level) Dose response test, 5 dose levels, LC50, EC50, NOEC, LOEC
<i>Folsomia candida</i>	Reproduction test	Lethal and sub-lethal effects	OECD 232	Limit test (1 dose level) Dose response test, 5 dose levels, EC50, NOEC, LOEC
<i>Hypoaspis aculeifer</i>	Reproduction test	Lethal and sub-lethal effects	OECD 226	Limit test (1 dose level) Dose response test, 5 dose levels, EC50, NOEC, LOEC