

Examination of the bee toxicity for registration purposes

Laboratory testing

Consecutive No.: 90/2
 Test designation: NTN 33893
 Trademark: ---
 Requested by: Bayer AG
 Active ingredient(s): imidacloprid
 and content(s):

Highest recommended
 concentr. or rate: --
 Tested concentration
 or rate: 0.036%
 V, VI
 Test date: --
 Test location: July 20, 1990
 Assessment: --

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 Ac t i o n m o d e (indicated as percent mortality in minutes or hours)
 Respiratory poison Contact poison Wetting/dusting Stomach poison (LD₅₀)

TEST PRODUCT

3/24 h 36/24 h
 8/48 h 60/48 h
 8/48 h 76/72 h

<1.5 µg/ϕ
 (100% dead
 in 1 h at
 1.5 µg/ϕ

UNTREATED CONTROL

0/24 h
 10/48 h
 10/72 h

3/24 h 0/24 h
 3/48 h 3/48 h
 3/72 h 3/72 h

REFERENCE STANDARD
 Nexit 0.005%

100/24 h

14/24 h 100/24 h
 18/48 h at 2.5 µg/ϕ
 21/72 h



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Appendix:

copies of the pages with original signatures

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PRÜFUNG AUF BIENENGEFÄHRLICHKEIT FÜR DAS ZULASSUNGSVERFAHREN

LABORATORIUMSPRÜFUNG

V e r t r a u l i c h

Institut für Landwirtschaftliche
Zoologie und Bienenkunde
der Universität
5300 Bonn

Kenn-Nr. : 90/2
 Versuchsbez. : NTN 33893
 Handelsbez. : --
 Antragsteller : Fa. Bayer
 Wirkstoff(e) : Imidacloprid
 und -gehalt(e) : 20.07.

Wirkstoff(e) als / durch	Kontaktgift	Benetzen / Bestäuben	Fraßgift (LD ₅₀)
PRÜFMITTEL	3/24 h 8/48 h 8/48 h	36/24 h 60/48 h 70/72 h	1,5 µg/♂ (100 % tot in 1 h bei 1,5 µg/♂)
UNBEHANDELTE KONTROLLE	0/24 h 10/48 h 10/72 h	3/24 h 3/48 h 3/72 h	
VERGLEICHSMITTEL	100/24 h	100/24 h	100/24 h bei 2,5 µg/♂