

## Overview field studies

### Applicant Bayer

Author	(5.1.2.e 2010)	(Pohorecka, Skubida et al. 2012)
Report number		
Edition number	M-373436-01-1	M-457651-01-1
Test facility	5.1.2.e	Department of Experimental Agriculture Institute of Soil Science and Plant Cultivation
Guideline	OEPP/EPPO Guideline No. 170 (3) (2001), EU 91/414/EEC (1997), IVA (1992), EU (1997)	-
Test species	<i>A. mellifera</i>	<i>Apis mellifera carnica</i> , <i>Apis mellifera caucasica</i>
<del>Population-Hive size</del>		
crop	<i>Zea mays</i>	Oilseed rape
Applications		
Treatments	Thiacloprid FS 400	In 2010: MOSPILAN 20 SP and PROTEUS 110 OD In 2011: PROTEUS 110 OD
Actives	thiacloprid	Thiacloprid, acetamiprid
Test concentration		
Type of application (foliage, soil, seed)	Seed treatment	Foliar spray
Nr. of applications	1	
BCCH	seed	
Timing applications		
Exposure		
Exposure duration [d]		
Test duration in tunnel [d]		
Post exp. Monitoring [d]		
Results		
Sampling points		
Mortality		
Flight intensity		
Pollinating activity		
Bee mortality in bee traps linen sheets		
Number of bees		
Development of brood		
Development of food storage area		
Development colony		
Presentation condition of colonies		
Behaviour		
Statistics for mortality and flight intensity		
Statistics for brood and food storage <sup>1</sup>		

Commented [512]: Deze beide liefst in % af- of toename tov controle gedurende x dagen

Effect?		
Remarks		

DBT = days before treatment  
 DAT = days after treatment

Pohorecka, K., P. Skubida, et al. (2012). "Residues of residues of neonicotinoid insecticides in bee collected plant materials from oilseed rape crops and their effect on bee colonies." Journal of Agricultural Science 56(2): 115-134.

5.1.2.e (2010). Assessment of Side Effects of Maize Grown from Seeds Treated with Thiacloprid FS 400 on the Honeybee (*Apis mellifera* L.) in a Long-Term Field Study in Northern Germany. 5.1.2.e  
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