Queries to the Author

Chapter Number: 9

Chapter Title: Assessing Effects Through Semi-Field and Field Toxicity Testing

Query	Description	Author's Response
1.	Section: **Global** **Author:** The complete list of headings as appearing in the chapter is given below. Please check whether they have been given as intended. **9.1 INTRODUCTION** **9.2 DEFINITION OF SEMI-FIELD AND FIELD STUDIES** **9.3 DESIGN OF A SEMI-FIELD STUDY** 9.3.1 **WHEN WOULD A SEMI-FIELD STUDY BE APPROPRIATE?** **9.4 OUTLINE OF A SEMI-FIELD STUDY FOR *APIS* AND NON-*APIS* BEES** **9.4.1 DESIGN OF A SEMI-FIELD STUDY FOR *APIS* BEES** 9.4.1.1 Size of Semi-Field Study 9.4.1.2 Crop 9.4.1.3 Size of Colony 9.4.1.4 Test Treatment 9.4.1.5 Pre-Application 9.4.1.6 Post-Treatment Assessments 9.4.1.7 Results **9.4.2 DESIGN OF A SEMI-FIELD STUDY FOR NON-*APIS* BEES** 9.4.2.1 Semi-Field Studies—Solitary Bees 9.4.2.2 Semi-Field Studies—Social Non-Apis Bees 9.4.2.3 Semi-Field Studies—Stingless Species **9.4.3 INTERPRETATION OF EFFECTS IN SEMI-FIELD STUDIES**	

	9.4.4 ASSESSMENT OF THE VARIABILITY AND UNCERTAINTY IN AN *APIS* SEMI-FIELD STUDY **9.5 DESIGN OF A FIELD STUDY** **9.5.1 WHEN WOULD A FIELD STUDY BE APPROPRIATE?** **9.6 OUTLINE OF A FIELD STUDY FOR *APIS* AND NON-*APIS* SPECIES** **9.6.1 DESIGN OF A FIELD STUDY FOR *APIS MELLIFERA*** 9.6.1.1 Study Design Considerations 9.6.1.2 Pre-Application 9.6.1.3 Post-Treatment Assessments 9.6.1.4 Results **9.6.2 LONG-TERM RISK TO HONEY BEES FROM SHORT-TERM EXPOSURE** **9.6.3 INTERPRETATION OF EFFECTS** **9.6.4 DESIGN OF A FIELD STUDY FOR NON-*APIS* BEES** 9.6.4.1 Field Studies—Solitary Bees 9.6.4.2 Field Studies—Social Non-*Apis* Species 9.6.4.3 Field Studies—Stingless Species **9.6.5 ASSESSMENT OF THE UNCERTAINTY IN A FIELD STUDY** **9.7 ROLE OF MONITORING AND INCIDENT REPORTING** **9.8 SUMMARY**	
2.	Section: **Global** **Author:** Please provide bibliographic information for the following reference citations. • EPPO, 2010, • OECD, 2007, • Kearns and Thompson, 2001, • Nogueira-Neto, 1997, • Proní, 2000,	

	• Michener, 2007, • Aldridge and Hart, 1993	
3.	Section: **Global** **Author:** Please provide expansions for the following if deemed necessary. • EPPO • OECD • SETAC • USEPA • ICPBR	
4.	Section: **9.1 Introduction** **Author:** Please check whether the cross references of sections 1.4.4 and 1.6.1 mentioned in the sentences "A semi-field study, [...] worst-case exposure scenario (see Section 1.4.4 for further information on this point)" and "However, if a potentially [...] (see section 1.6.1) or conduct a full field study." are correct. They refer to sections in chapter 1, but those sections are not to be found in the chapter.	
5.	Section: **Global** **Author:** Please provide section names for the phrases referred as "see below for further details," "following section," "see discussion above," "discussed above," and "see above" mentioned throughout the text for clarity.	
6.	Section: **9.3 Design of a semi-field study** **Author:** Please check the sentence "When testing seed	

	treatment scenarios, the residues on treated seed … the test system is closed and exposure is cannot be avoided." for clarity.	
7.	Section: **9.3 Design of a semi-field study** **Author:** The term "OEDC 75" has been changed to "OECD 75" in the sentence "However, the precise area depends on colony size, crop, and duration … for a small colony that is confined for no more than 10 days." Please check.	
8.	Section: **9.3 Design of a semi-field study** **Author:** Please clarify the sentence "In these tests is typical to report … meaningful quantifiable measures are often lacking.	
9.	Section: **References** **Author:** The following references have not been cited in the text. Please provide citations or else specify if the same can be deleted from the list. • Babendreier et al, 2004, • Delfinado-Baker, 1989, • Schur et al, 2003 and • Stadler et al, 2003.	
10.	Section: **References** **Author:** Author names "Karlberger N and Romes J" have been changed to "Karlberer N and Romeis J" respectively in Reference "Babendreier et al.,2004". Please check.	
11.	Section: **References** **Author:** The year of publication for Reference "Konrad et al., 2009" has been changed to 2008 as per PubMed. Please check.	
12.	Section: **References**	

	Author: Please provide editor names for References "Mader et al, 2010a" and "Mader et al., 2010b.	
13.	Section: **References** **Author:** The publication year has been changed from 2001a to 2001 for Reference "Morandin et al, 2010a." Please check.	
14.	Section: **References** **Author:** Please provide the journal name, volume number, and page range for Reference "Stadler et al., 2003.	
15.	Section: ***Sub-Lethal Behavioral Tests*** **Author:** Please check whether the sentence "The time of day measurements are taken should be randomized between plots to avoid time of day and or weather bias." is given as intended.	
16.	Section: Semi-Field Studies---Solitary Bees **Author:** Please check whether the unit "gallon" in the sentence "Dormant alfalfa leafcutting prepupae are sold as loose cells in 4 L (gallon) increments." needs to have a quantity.	
17.	Section: Semi-Field Studies—Stingless Species **Author:** Please confirm whether the citation "Table 3.1" refers to the first figure in Chapter 3.	
18.	Section: **Post-Treatment Assessments** **Author:** Please check the significance of opening parenthesis in the sentence "Closely related to… of the pesticide."	
19.	Section: **Hives** **Author:** Please check whether the sentence "However, noting that […]research need to validate the protocol"	

	can be changed to "However, noting that […]research requirement to validate the protocol"	
20.	Section: References **Author:** Author name "Carre S" has been added to Reference "Tasei et al., 1988." Please check.	
21.	Section: References **Author:** Please provide journal name, volume number, and page range for Reference "Stadler et al., 2003."	