

§ 158.590 **Nontarget insect data requirements.**
 (a) *Table.* Sections 158.50 and 158.100 through 158.102 describe how to use this table to determine the nontarget insect data requirements and the substance to be tested.

Kind of data required	(b) Notes	General use pattern								Test substance		Guide- lines ref- erence No.	
		Terrestrial		Aquatic		Greenhouse		Forestry	Domestic outdoor	Indoor use	Data to sup- port MP		Data to sup- port EP
		Food crop	Nonfood	Food crop	Nonfood	Food crop	Nonfood						
Nontarget insect testing— pollinators													
Honey bee acute contact LD ₅₀ .	(1) [CR]	[CR]	[CR]	[CR]	[CR]	[CR]	[CR]	[CR]	[CR]	[CR]	TGAI	TGAI	141-1
Honey bee—toxicity of residues on foliage.	(1), (2)	CR	CR	CR	CR	CR	CR	CR	CR	CR	TEP	TEP	141-2
Honey bee subacute feed- ing study.	(3)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	141-4
Field testing for pollinators	(4)	CR	CR	CR	CR	CR	CR	CR	CR	CR	TEP	TEP	141-5
Nontarget insect testing— aquatic insects	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142-1
Acute toxicity to aquatic insects.	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142-1
Aquatic insect life-cycle study.	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142-3
Simulated or actual field testing for aquatic in- sects.	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	143-1 thru 143-3
Nontarget insect testing— predators and parasites.	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	143-1 thru 143-3

Key: CR=Conditionally required; []=Brackets (ie, [CR]) indicate data requirements that apply to products for which an experimental use permit is being sought; TGAI=Technical grade of the active ingredient; TEP=Typical end-use product.
 (b) Notes. The following notes are referenced in column two of the table contained in paragraph (a) of this section.
 (1) Required only if proposed use will result in honey bee exposure.
 (2) Required only when formulation contains one or more active ingredients having an acute LD₅₀ of less than 1 microgram/bee.
 (3) This requirement is reserved pending development of test methodology.
 (4) May be required under the following conditions:
 (i) Data from the honey bee subacute feeding study indicate adverse effects on colonies, especially effects other than acute mortality (reproductive, behavioral, etc.).
 (ii) Data from residual toxicity studies indicate extended residual toxicity.
 (iii) Data derived from studies with organisms other than bees indicate properties of the pesticide beyond acute toxicity, such as the ability to cause reproductive or chronic effects.
 (5) This requirement is reserved pending further evaluation to determine what and when data should be required, and to develop appropriate test methods.

[49 FR 42881, Oct. 24, 1984. Redesignated at 53 FR 15993, May 4, 1988, and amended at 58 FR 34203, June 23, 1993]