Kind of data required	(b) Notes	General use pattern									Test substance		Guidelines reference No.
		Terrestrial		Aquatic		Greenhouse		Forestry	Domestic outdoor	Indoor use	Data to support MP	Data to support 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]	.....	TGAI	TGAI	141–1
Honey bee—toxicity of residues on foliage.	(1), (2)	CR	CR	CR	CR	.....	.....	CR	CR	.....	TEP	TEP	141–2
Honey bee subacute feeding study.	(3)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	141–4
Field testing for pollinators.	(4)	CR	CR	CR	CR	.....	.....	CR	CR	.....	TEP	TEP	141–5
Nontarget insect testing—aquatic insects													
Acute toxicity to aquatic insects.	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142–1
Aquatic insect life-cycle study.	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142–1
Simulated or actual field testing for aquatic insects.	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142–3
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 LD_{50} 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, as amended at 58 FR 34203, June 23, 1993]

§ 161.640 Product performance data requirements table.

(a) *Table*. Sections 161.100 through 161.102 describe how to use this table to determine the product performance data requirements and the substance to be tested.

AUTHENTICATED U.S. GOVERNMENT INFORMATION GPO

Kind of data required	(b) Notes	General use patterns									Test substance		Guidelines reference No.
		Terrestrial		Aquatic		Greenhouse		Forestry	Domestic outdoor	Indoor	Data to support MP	Data to support EP	
		Food crop	Nonfood	Food crop	Nonfood	Food crop	Nonfood						
Efficacy of antimicrobial agents													
Products for use on hard surfaces.	(1)	.....	.....	.....	.....	.....	.....	.....	.....	CR	.....	EP*	91–2
Products requiring confirmatory data.	(1)	.....	.....	.....	.....	.....	.....	.....	.....	CR	.....	EP*	91–3
Products for use on fabrics and textiles.	(1)	.....	.....	.....	.....	.....	.....	.....	.....	CR	.....	EP*	91–4
Air sanitizers	(1)	.....	.....	.....	.....	.....	.....	.....	.....	CR	.....	EP*	91–5
Products for control of microbial pests associated with human and animal wastes.	(1)	.....	.....	.....	.....	.....	.....	.....	.....	CR	.....	EP*	91–7
Products for treating water systems.	(1)	.....	.....	[CR]	.....	.....	.....	.....	.....	CR	.....	EP*	91–8
Efficacy of fungicides and nematicides													
Products for control of organisms producing mycotoxins.	(1)	[CR]	.....	[CR]	.....	[CR]	.....	.....	.....	.....	.....	EP*	93–16
Efficacy of Vertebrate Control Agents													
Avian toxicants	(1)	(R)	(R)	.....	.....	.....	.....	.....	(R)	(R)	.....	EP*	96–5
Avian repellents	(1)	(R)	(R)	.....	.....	.....	.....	.....	(R)	.....	.....	EP*	96–6
Avian frightening agents.	(1)	(R)	(R)	.....	.....	.....	.....	.....	(R)	.....	.....	EP*	96–7
Bat toxicants and repellents.	(1)	.....	.....	.....	.....	.....	.....	.....	.....	(R)	.....	EP*	96–9
Commensal rodenticides.	(1)	(R)	(R)	.....	.....	.....	.....	.....	(R)	(R)	TEP	EP*	96–10
Rodenticides on farm and rangelands.	(1)	(R)	(R)	.....	.....	.....	.....	.....	(R)	.....	.....	EP*	96–12
Rodent fumigants	(1)	(R)	(R)	.....	.....	.....	.....	.....	(R)	(R)	.....	EP*	96–13
Rodent reproductive inhibitors.	(1)	(R)	(R)	.....	.....	.....	.....	.....	(R)	(R)	.....	EP*	96–16
Mammalian predacides	(1)	(R)	(R)	.....	.....	.....	.....	.....	(R)	.....	.....	EP*	96–17
Products with prion-related claims.	*	.....	.....	.....	.....	.....	.....	.....	R	.....	EP*	810.2700.	

Key: R=Required; CR=Conditionally required; [ ]=Brackets (*i.e.*, [R], [CR]) indicate data requirements that apply to products for which an experimental use permit is being sought; EP=End-use product* (asterisk identifies those data requirements that end-use applicants (*i.e.*, ''formulators'') must satisfy, provided that their active ingredient(s) is (are) purchased from a registered source); MP=Manufacturing use product; 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) The Agency has waived all requirements to submit efficacy data unless the pesticide product bears a claim to control pest microorganisms that pose a threat to human health and whose presence cannot readily be observed by the user including, but not limited to, microorganisms infectious to man in any area of the inanimate environment or a claim to control vertebrates (such as rodents, birds, bats, canids, and skunks) that may directly or indirectly transmit diseases to humans. However, each registrant must ensure through testing that his products are efficacious when used in accordance with label directions and commonly accepted pest control practices. The Agency reserves the right to require, on a case-by-case basis, submission of efficacy data for any pesticide product registered or proposed for registration.

(2) [Reserved]

[49 FR 42881, Oct. 24, 1984, as amended at 50 FR 46766, Nov. 13, 1985. Redesignated at 53 FR 15993, May 4, 1988, as amended at 58 FR 34203, June 23, 1993; 78 FR 13507, Feb. 28, 2013]