

40 C.F.R. § 158.2150

Microbial pesticides nontarget organisms and environmental fate data requirements table.

(a) *General.* Sections 158.100 through 158.130 describe how to use this table to determine the terrestrial and aquatic nontarget organisms data requirements for a particular microbial pesticide product. Notes that apply to an individual test including specific conditions, qualifications, or exceptions to the designated test are listed in paragraph (e) of this section.

(b) *Use patterns.* Aquatic uses include: food and feed, nonfood uses (e.g., outdoor, residential, and industrial). Terrestrial uses include: Food, Feed, Non-Food, Forestry, Residential outdoor, greenhouse (food and food), Indoor (food and nonfood), and Industrial.

(c) *Key.* R = Required; CR = Conditionally required; NR = Not required; MP = Manufacturing-use product; EP = End-use product; TEP = Typical end-use product; TGAI = Technical grade of the active ingredient; All = All of the above. Specific conditions, qualifications, or exceptions to the designated test procedures appear in paragraph (e) of this section, and apply to the individual tests in the following table:

(d) *Table.* The following table shows the data requirements for microbial pesticides nontarget organisms and environmental fate. The test notes are shown in paragraph (e) of this section.

Table—Microbial Pesticides Nontarget Organisms and Environmental Fate Data Requirements

Guideline Number	Data Requirement	Use Patterns							
		Aquatic		Terrestrial					
		Food/Feed	Nonfood	Food/Feed/Nonfood	Forestry	Residential	Greenhouse	Indoor	Ind
					Outdoor	Food/Nonfood	Food/Nonfood		
Tier I									
885.4050	Avian oral toxicity	R	R	R	R	R	CR	CR	CR
885.4100	Avian inhalation toxicity/pathogenicity	CR	CR	CR	CR	CR	CR	CR	CR
885.4150	Wild mammal toxicity/pathogenicity	CR	CR	CR	CR	CR	NR	NR	CR
885.4200	Freshwater fish toxicity/pathogenicity	R	R	R	R	CR	CR	CR	CR

885.4240	Freshwater invertebrate toxicity/pathogenicity	R	R	R	R	CR	CR	CR	CR
885.4280	Estuarine/Marine fish testing Estuarine and marine invertebrate testing	CR	CR	CR	CR	CR	NR	NR	CR
885.4300	Nontarget plant testing	CR	CR	CR	R	CR	NR	CR	CR
885.4340	Nontarget insect testing	R	R	R	R	R	CR	NR	CR
885.4380	Honey bee testing	R	R	R	R	R	CR	NR	CR
Tier II									
885.5200	Terrestrial environmental expression tests	CR	CR	CR	CR	CR	NR	NR	CR
885.5300	Freshwater environmental expression tests	CR	CR	CR	CR	CR	NR	NR	CR
885.5400	Marine or estuarine environmental expression tests	CR	CR	CR	CR	CR	NR	NR	CR
Tier III									
885.4600	Avian chronic pathogenicity and reproduction test	CR	CR	CR	CR	CR	NR	NR	CR
885.4650	Aquatic invertebrate range testing	CR	CR	CR	CR	CR	NR	NR	CR
885.4700	Fish life cycle studies	CR	CR	CR	CR	CR	NR	NR	CR
885.4750	Aquatic ecosystem test	CR	CR	CR	CR	CR	NR	NR	CR
Tier IV									

850.2500 850.1950	Field testing for terrestrial wildlife and Field testing for aquatic organisms	CR	CR	CR	CR	CR	NR	NR	CR
850.2500	Simulated or actual field tests (birds, mammals)	CR	CR	CR	CR	CR	NR	NR	CR
850.1950	Simulated or actual field test (aquatic organisms)	CR	CR	CR	CR	CR	NR	NR	CR
850.2500	Simulated or actual field tests (insect predators, parasites)	CR	CR	CR	CR	CR	NR	NR	CR
850.3040	Simulated or actual field tests (insect pollinators)	CR	CR	CR	CR	CR	NR	NR	CR
850.4300	Simulated or actual field tests (plants)	CR	CR	CR	CR	CR	NR	NR	CR

This document is only available to subscribers. Please log in or purchase access.

[Purchase Login](#)