

US EPA ARCHIVE DOCUMENT

	Certified Applicator Program for Bee Protection	Specific Drift Control Measures	Bee hive Registry	Methods of Protection	What Worked?
Washington	Some questions on their certification program	No	No	Enforcement of Federal label and state regulations; has an annual registration for beekeepers.	Combined approach: compliance investigation, collaborative work with USEPA and registrant to restrict use, develop outreach materials via university
New York	No specific requirement but mentioned in training	No	No	Enforcement of Federal labels and state regulations; has a beekeepers registry but voluntary	SLN only registrations for spiromesifen and dinotefuran; no clothianidin registration.
Vermont	No	No	No	Enforce Federal labels and State regulations require notification of beekeepers before application of pesticides	
New Jersey	Certification manuals that reference notification requirements to beekeepers	General prohibition of drift to non-target sites	Yes. Private applicators required to notify beekeepers within 3 miles of pesticide application	Enforcement of Federal labels and state regulations.	

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Indiana	No specific requirement but general references.	General prohibition of drift to non-target sites	No mandatory program. There is a voluntary program developed by Purdue University, website to locate beekeepers	Driftwatch website, voluntary registry for beekeepers and applicators are encouraged to check the beekeepers locations.	
Iowa	Yes	Yes, prohibits application of pesticides labeled as toxic to bees within one mile of a registered bee hive between 8 am to 6 pm when applied to blooming crops	Yes, annual registry	Federal label and new state regulations.	Current state regulations have been in place for 2 seasons now and they believe it has provided satisfactory protection. Previous rules were to inform beekeepers 24 hours in advance within 2 mile radius. They had problems.
South Dakota	No	No	Yes	Enforcement of label restrictions.	Raising awareness and outreach to applicators to locate beekeepers hives.

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Maine	Some, training manual has section on pollinators	Yes, applicators have to identify and record sensitive areas within 500 feet of the application site. Sensitive area includes apiaries.	Yes	Enforcement of label restrictions, state regulations	Regular training on products toxic to pollinators during recertification of applicators.
Arizona	No	No	Somewhat, the beekeepers located in commercial ag has to inform the landowners of where the bees are located; if beekeepers fail to inform the landowner, any loss is not the fault of the landowner.	Federal labels	

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Nebraska	Some, general information in general standards training	No, defer to label language	Voluntary program for beekeepers to register on a website, but fear of beehive theft has discouraged owners.	Federal label enforcement.	Previously, lines of communication between beekeepers and landowners prevented problems. However, currently, the big companies are changing the way people communicate.
South Carolina	No	No	No	Federal label enforcement	
Virginia	Some, information in certification study materials	No	No	Federal label enforcement	
Missouri	No	No	Voluntary program	Federal label enforcement	
North Carolina	No	No, just general drift language	Yes, only applies to any who hires aeral applicators to apply products toxic to bees within 1/2 mile of registered apiary	Federal label enforcement and state regulations requiring notification of registered apiaries when pesticide applications will take place.	
Alaska	Some, Alaska Cooperative extension service provides training.	No	Yes	Federal label enforcement and state requirement to notify the beekeeper or record when a pesticide application	

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				will take place	
North Dakota	No	No	Yes	Federal label compliance; open communication with beekeepers and applicators.	Largest honey producing state in the country but few complaints of bee deaths
Wyoming	No	No	Yes, also have GPS data available on location; will be available via website	Federal label enforcement; keep lines of communication open between beekeepers and aerial applicators	
California	No but working on a study guide for recertification exams in the next year or so.	No	Yes, through the county	Federal label enforcement and state regulation . State regulations require applicators to notify bee keepers within 1 mile of the proposed application at least 48 hours prior. Citrus growing areas have more detailed requirements	