



CANNABIS CONTROL BOARD

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PESTICIDE GUIDANCE

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Introduction

The Vermont Agency of Agriculture, Food and Markets maintains a list of active ingredients that are generally allowed for cultivation. The Board adopts this list for approved use on cannabis in Vermont. See the [“Product Registration and Classification”](#) section below to learn more about approved products.

The Cannabis Control Board does not maintain its own list of approved pesticides nor a process to approve pesticides for use on cannabis.

Pesticide Use on Cannabis in Vermont

(6 VSA Chapter 87)

Vermont regulates the use of pesticides by homeowners and professionals, including sales restrictions, proper use, storage, and disposal of pesticides. Product registration, applicator certificates, dealer licenses, and permits may be required for use of certain pesticides, all of which are issued from the Division of Public Health and Agricultural Resource Management within the Vermont Agency of Agriculture, Food and Markets. Homeowners and professionals are responsible for following the directions on product labels and for properly disposing of all unused pesticides.

Pesticide Applicator Certification

Private Applicators - Farmers of all kinds must certify as private applicators: dairy, vegetables, berries, apples, grapes, nursery stock, Christmas trees, and more. Cannabis cultivators will also need to be certified as a pesticide applicator before using any approved pesticide. To be certified to use Class A pesticides in Vermont, private applicators need to take and pass the CORE exam. [Information about the CORE exam can be found here.](#) A private certificate is valid for 5 years and costs \$25.

Commercial Applicators - Employees of companies must certify as commercial applicators if they perform services that include, but are not limited to, the following activities: pest control, mosquito control, landscape, lawn care, tree care, agricultural custom application, forest pest control including invasive plant control, vegetation control (right-of-way), aquatic weed control, wood preservation, aerial application. To use any pesticides on the property of others you must be a commercial applicator and be affiliated with a licensed pesticide applicator company.

Worker Protection Standards

The Worker Protection Standard (WPS) is a regulation originally issued by the U.S. Environmental Protection Agency (EPA). It is primarily intended to reduce the risks of illness or injury to workers and handlers resulting from occupational exposures to pesticides used in the production of agricultural plants on agricultural establishments, including greenhouses and indoor growing operations. Workers are generally those who perform hand-labor tasks in pesticide-treated crops, such as harvesting, thinning, and pruning. Handlers are usually those that are in direct contact with pesticides such as mixing, loading, or applying pesticides.

Product Registration and Classification

Currently any pesticide approved by EPA and allowed for use on cannabis is a "Minimum Risk Pesticide" product that meets the federal definition ("25(b) federally exempt"). These products are required to be registered in Vermont and meet strict state labeling requirements prior to being offered for sale within the state.

To determine if a product is registered for use in the state of Vermont, go to <https://usaplants.vermont.gov/USAPLants/ProductRegFSA/BrandSearch.aspx>, and click on "Product Registration" to search the database.

Basic requirements include:

- products must be registered in Vermont,
- the active ingredient(s) shall not leave residue, and
- the active ingredient(s) must have a tolerance exemption under FFDCA

Additionally, the pesticide products:

- shall only contain the active ingredients listed below
- must be labeled for use on unspecified food crops,
- shall only include inert ingredients that are eligible for food use, and
- must be labeled for commercial use.

Active Ingredient	Product Example (s)	Pesticide Type
Acetic acid	Vinagreen	Herbicide
Azadirachtin / Neem	Azamax, Azasol, Molt-X	Insecticide, Miticide, Nematicide
Ammonium soaps for higher fatty acids	Finalsan Herbicidal Soap	Herbicide
Bacillus spp.	Double Nickel, Serenade, Agree WG	Fungicide, Insecticide
Beauveria bassiana spp.	Botanigard ES	Insecticide
Isaria spp.	PFR-97 20% WDG, Preferal Microbial	Insecticide
Streptomyces spp	Mycostop, Actinovate	Fungicide
Trichoderma	Rootshield, Incept	Fungicide
Citric acid	Eliminator	Miticide, Insecticide,
Cytokinins	Agra-Rouse	PGR-General
Diatomaceous Earth	Celite 610, Diafil 610	Insecticide
Geraniol	Banish	Fungicide
Gibberellic acids	HM-1354-A	PGR-General
Hydrogen dioxide	Terraclean 5.0	Fungicide, Bactericide
Hydrogen peroxide	Jet AG	Fungicide, Algaecide
Indole-3-butyric-acid	Clonex Rooting Gel	PGR- Growth Stimulator
Canola oil	Natural Guard Brand Horticultural Oil	Insecticide, Fungicide, Miticide

Mineral oil	All Season Horticultural & Dormant Spray Oil Concentrate	Insecticide, Fungicide
Soybean oil	Golden Pest Spray	Insecticide
Castor oil	Mole & Vole Stopper	Rodent repellent
Cinnamon oil	Safer Gro	Herbicide
Clove oil	Nature-Cide All Purpose	Insecticide
Cottonseed oil	Spider Mite Control	Miticide
Garlic oil	Captiva	Insecticide
Mint oils	Trifecta Crop Control	Fungicide, insecticide
Rosemary oil	Trifecta Crop Control	Fungicide, insecticide
Sesame oil	Organocide 3-in-1 Garden Spray	Miticide, Insecticide, Fungicide
Thyme oil	Thyme Guard	Fungicide, Insecticide, Bactericide, Virucide
Peroxyacetic acid	Bioside HS 15%	Fungicide
Potassium bicarbonate	Kaligreen	Fungicide
Potassium salts of fatty acids	Exile, KOPA Insecticidal Soap, Safer Soap	Insecticide, Fungicide, Miticide
Mono and Di-Potassium salts of phosphorus acid	Fosphite	Fungicide
Reynoutria sachalinensis	Regalia	Fungicide, PGR-General