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Department Banned Pesticide Active Ingredient List

The intent of this technical bulletin is to release examples of banned pesticide active ingredients in accordance with the Medical Marihuana Facilities Licensing Act (MMFLA) and the Emergency Rules published December 4, 2017.

Pesticide active ingredients included in this bulletin are forbidden to be used for the cultivation of marihuana in accordance with the MMFLA and Emergency Rules. This is a representative list of active ingredients and not intended to be exhaustive. **The fact that an active ingredient is not listed does not authorize its use on marihuana in Michigan.** Please refer to the Bureau of Medical Marihuana Regulation (BMMR) [Department Approved Pesticide Chemical List](#) for additional reference.

Use of unauthorized pesticide active ingredients and failed pesticide chemical tests will be referred to the LARA-BMMR Enforcement Section for investigation and inspection. This may result in sanctions, including, but not limited to, license denial, limitation, fines, revocation, suspension, nonrenewal, administrative holds, and orders to cease operations. In addition, the use of these pesticide active ingredients may be a violation of federal and state laws and may be referred to the appropriate authority. The department may issue future pesticide lists that supersede the information contained in this bulletin. The following are examples of banned pesticide active ingredients:

Banned Pesticide Active Ingredients

- Abamectin
- Acephate
- Acequinocyl
- Acetamiprid
- Aldicarb
- Azoxystrobin
- Bifenazate
- Bifenthrin
- Boscalid
- Carbaryl
- Carbofuran
- Chlorantraniliprole
- Chlorfenapyr
- Chlorpyrifos
- Clofentezine
- Cyfluthrin
- Kresoxim-methyl
- Cypermethrin
- Daminozide
- DDVP (Dichlorvos)
- Diazinon
- Dimethoate
- Ethoprophos
- Etofenprox
- Etoxazole
- Fenoxycarb
- Fenpyroximate
- Fipronil
- Flonicamid
- Fludioxonil
- Hexythiazox
- Imazalil
- Imidacloprid
- Prallethrin

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- Malathion
 - Metalaxyl
 - Methiocarb
 - Methomyl
 - Methyl parathion
 - MGK
 - Myclobutanil
 - Naled
 - Oxamyl
 - Paclobutrazol
 - Permethrins
 - Phosmet
 - Piperonyl_butoxide
 - Propiconazole
 - Propoxur
 - Pyrethrins
 - Pyridaben
 - Spinosad
 - Spiromesifen
 - Spirotetramat
 - Spiroxamine
 - Tebuconazole
 - Thiacloprid
 - Thiamethoxam
 - Trifloxystrobin

Safety Compliance Facilities (SCFs) are required to do a qualitative test on the following banned pesticide ingredients:

- Abamectin
- Acephate
- Acequinocyl
- Acetamiprid
- Aldicarb
- Azoxystrobin
- Bifenazate
- Bifenthrin
- Boscalid
- Carbaryl
- Carbofuran
- Chlorantraniliprole
- Chlorfenapyr
- Chlorpyrifos
- Clofentezine
- Cyfluthrin
- Kresoxim-methyl
- Malathion
- Metalaxyl
- Methiocarb
- Methomyl
- Methyl parathion
- MGK
- Cypermethrin
- Daminozide
- DDVP (Dichlorvos)
- Diazinon
- Dimethoate
- Ethoprophos
- Etofenprox
- Etoxazole
- Fenoxycarb
- Fenpyroximate
- Fipronil
- Flonicamid
- Fludioxonil
- Hexythiazox
- Imazalil
- Imidacloprid
- Prallethrin
- Propiconazole
- Propoxur
- Pyridaben
- Spinosad
- Spiromesifen
- Spirotetramat

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- Myclobutanil
- Naled
- Oxamyl
- Paclobutrazol
- Permethrins
- Phosmet
- Spiroxamine
- Tebuconazole
- Thiacloprid
- Thiamethoxam
- Trifloxystrobin

In accordance with Emergency Rule 30(3), marihuana product is prohibited from being retested when an original test for pesticides failed pursuant to these rules. If the amount of pesticides is not permissible by the department, the marihuana product is ineligible for retesting and the product must be destroyed.

This technical bulletin does not constitute legal advice and is subject to change. It is intended to provide a technical clarification only to the Department of Licensing and Regulatory Affairs' Emergency Rules which were promulgated on December 4, 2017. Licensees are encouraged to seek legal counsel to ensure their operations comply with the Medical Marihuana Facilities Licensing Act and associated Emergency Rules.

A complete copy of the Emergency Administrative Rules can be found [here](#)

More information on the BMMR can be found at the bureau's [website](#)

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