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## DEPARTMENT OF AGRICULTURE

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### **The Nevada Pesticide Applicator Act prohibits use of a pesticide in a manner inconsistent with the product labeling per NRS 586.335:**

1. The Director shall endeavor to eliminate from use in this state any pesticide:
  - (a) Which endangers the agricultural or nonagricultural environment;
  - (b) Which is not beneficial for the purposes for which it is sold; or
  - (c) Which is misrepresented.

It is unlawful for any person to use, store, or dispose of pesticides, pesticide containers, rinsates, or other related materials, or to supervise or recommend such acts, in a manner inconsistent with labeling directions or requirements, unless otherwise provided for by law, or in an unsafe, negligent, or fraudulent manner.

We are currently reviewing pesticide labels upon request and maintaining a list of products that may be used on medical marijuana without violating NRS 586.010 to 586.450 as long as the applicator follows the label directions.

The list developed by the NDA is intended to assist growers in distinguishing those pesticide products whose labels do not legally prohibit use on medical marijuana from those that do. It is not an endorsement or recommendation to use these products in the production of medical marijuana in Nevada. These products have not been tested to determine their health effects if used on medical marijuana that will be consumed and thus the health risks to consumers is unknown. By including products on this list, therefore, NDA makes no assurances of their safety or effectiveness when used on medical marijuana and accepts no responsibility or liability for any such use.

The NDA has limited time and resources to review new pesticide products brought to our attention to determine whether they can be applied to medical marijuana and thus added to the **NDA List of Pesticides That Are Not Legally Prohibited for Used on Medical Marijuana**. The fundamental criteria for these decisions is based on broad label language that does not restrict the use of the pesticide product on medical marijuana. However, the NDA does not have the ability to respond to all questions to provide the detail as to why we did or did not approve a particular pesticide product to be added to the list. The answer in most cases is that the label language was either very specific as to what sites the product could be applied to or it strictly prohibited use to specific sites or use patterns.

It is the pesticide applicator's responsibility to identify a pesticide product that: a) contains an active ingredient that is on the list; b) the pesticide label on the container does not prohibit its use in the grow facility; c) the active ingredient is registered for a food crop and; d) is registered for sale in the State of Nevada.

On the list attached, those products that have an asterisk \* have indoor/interiorscape/greenhouse use on one label and food

uses on a different label. The percentage of active ingredient may vary from label to label. Products with an asterisk \* are not legally prohibited from use on medical marijuana when they are used at the label application rate that results in the lowest amount of active ingredient being applied per 1000 sq.ft./acre.

**Requirements for protection of workers in medical marijuana production:**

If you are a commercial medical marijuana producer, are you aware of the requirements of the Federal Pesticide Worker Protection Standard (WPS)? This includes many specific requirements that producers of any agricultural commodity (including medical marijuana or industrial hemp) must comply with if they have people working in an area where plants have been treated with pesticides or who mix or apply pesticides. If you would like further information on these requirements, please contact Charles Moses, (775) 353-3716 [cmoses@agri.nv.gov](mailto:cmoses@agri.nv.gov) and he can set up a meeting to discuss these requirement.

Acequinocyl  
Azadirachtin  
Bacillus amyloquefaciens  
Bacillus pumilius strain QST 2808  
Bacillus subtilis  
Bacillus thuringiensis  
Beauveria bassiana strain GHA  
Beauveria bassiana Condia  
Bifenazate  
Captan\*  
Castor oil (U.S.P. or equivalent)  
Cinnamon and cinnamon oil  
Cloves and clove oil  
Corn gluten meal  
Corn oil  
Cottonseed oil  
Cyfluthrin and beta-cyfluthrin\*  
Diatomaceous earth  
Dimethomorph\*  
Dried blood  
Etoxazole  
Eugenol  
Fenhexamid  
Flonicamid\*  
Fludioxonil  
Garlic and garlic oil  
Geraniol  
Geranium oil  
Hydrogen dioxide  
Imidacloprid\*  
Lauryl sulfate  
Lemongrass oil  
Linseed oil  
Malic acid  
Mint and mint oil  
Mono-and Di-Potassium salts of phosphorus acid  
Myclobutanil\*  
Neem oil  
Paecilomyces fumosoroseus  
Pentachloronitrobenzene (quintozene)  
Peppermint and peppermint oil  
2-Phenethyl propionate (2-phenylethyl propionate)  
Potassium bicarbonate  
Potassium salts of fatty acid  
Potassium sorbate  
Putrescent whole egg solids  
Pyrethrin  
Reynoutria sachalinensis  
Rosemary and rosemary oil  
Sesame (includes ground sesame plant) and sesame oil  
Sodium chloride (common salt)  
Sodium lauryl sulfate  
Soybean oil  
Spinetoram\*  
Spinosad  
Spirotetramat  
Steinernema feltiae  
Streptomyces griseoviridis strain K61

Streptomyces lydicus WYEC 108

Sulfur

Thiamethoxam\*

Trichoderma harzianum

Trichoderma virens

Trifloxystrobin\*

Thyme and thyme oil

White pepper

Zinc metal strips (consisting solely of zinc metal and impurities)

This active ingredient has been added on this revision.

This active ingredient has been removed because there are no appropriate use products registered in Nevada (none removed on 7/27/15 revision)

When considering these active ingredients, cultivators should consider that they are systemic pesticides which may be removed because of potential residue concerns