

# OVERVIEW OF DEC PESTICIDE TEST RESULTS 12/04/2019

## Case Number AM19-1700

1. According to the DEC post inspection report showed four (4) pesticide active ingredients were detected in at least one of the samples submitted from the businesses:
  - a. Myclobutanil, which is a fungicide used to control mildew and fungal outbreaks
  - b. Diuron, which an herbicide used to control unwanted vegetation.
  - c. Cyfluthrin, which is an insecticide which works by attacking the nervous system after being ingested.
  - d. Thiabendazole, which is a fungicide.
2. Regarding the smoking risks of these pesticides, the closest comparable crop is tobacco. None of these pesticides is approved for application to tobacco.
3. Additionally, none of these pesticides have been approved by the Marijuana Control Board and are not listed on the approved list of pesticides.

**Table 1**

Sample #	Location	Analyte	Measured Concentration (ppb)	WA Health Based Action Level (ppb)	CA Health Based Action Level (ppb)
19-10/30-1	Vegetation from mother plants in the upstairs vegetation room	Miclobutanil (fungicide)	610	10	10
		Diuron (herbicide)	36	100	No detection
19-10/30-2	Stems and flowers from downstairs vegetation room	Miclobutanil (fungicide)	17	10	10
19-10/30-3	Dried stems and vegetation waste	Diuron (herbicide)	3.5	100	No detection
		Miclobutanil (fungicide)	270	10	10
19-11/04-1	Marijuana oil concentrate	Cyfluthrin (insecticide)	2000	100	590
		Miclobutanil (fungicide)	5100	10	10
		Thiabendazole (fungicide)	7.2	100	No detection allowed