



TRACE:
PESTICIDE IDENTIFICATION



Identify Pesticides at Illegal Marijuana Grows

The increasing size of the illegal marijuana market has given rise to an increasing number of trespass cannabis cultivation throughout the world. The heavy use of toxic pesticides by these illegal growers has had significant impact on the environment and wildlife. Many of these pesticides are so toxic, they are heavily restricted or even completely banned by many governments. In addition to the threat these pesticides pose to the environment, they also pose a great threat to responding law enforcement and agencies tasked with dismantling these operations.

With the addition of the pesticide capabilities, the MX908 provides critical identification of toxic pesticides in the field, allowing users to act immediately, while keeping themselves safe. Whether it be on site at an illegal marijuana grow, or at the border identifying smuggled pesticides, the MX908 provides accurate identification of pesticides at trace levels, in a handheld device, for the first time ever.



MX908 ADVANTAGES

- The only handheld device for rapid trace detection and identification of pesticides at nanogram levels, in the field
- Trace capability allows for exterior packaging sampling, reducing exposure risk
- Provides actionable data at the point of need with results in less than a minute
- Identify numerous pesticides by name to guide clean up efforts and keep personnel on site safe
- Developed in partnership with the United States Forest Service (USFS)



A single drop of Carbofuran is enough to kill an adult human. Here a ~1 liter bottle is found at a trespass grow site.

Pesticide Targets	
Aldicarb	Diazinon
Carbaryl	Imidacloprid
Carbofuran	Malathion
Chlorpyrifos	Methamidophos



Identifying containers and crop sprayers that have pesticides present reduce the cost of clean up and keep responders safe.



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