

Could gene editing create safer, pesticide free marijuana?

There is a growing demand for organic cannabis, but is there an [alternative](#)? Can modern techniques in gene editing, such as CRISPR-Cas9, be viable options for high quality, low [pesticide cannabis](#)?

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...Scientists have developed protocols that allow them to use this breakthrough technology to insert new genes into the plant's [genome](#). These new genes act as pesticides.... This [recently discovered tool](#) inserts genes derived from other organisms that have a natural resistance to the pest in mind.

By adding these pest resistant genes, we can effectively make the plant resistant to those same pests...

In the state of Oregon, two strains of cannabis oils had to be removed from the shelves of recreational dispensaries. The reason for this was a dangerously high concentration of [pesticides](#). Naturally, there was no malicious intent; these pesticides were added to protect the crop and allow for a bountiful harvest. But the end of the day, they were too dangerous to be consumed by humans.

Using genetic modification is not the answer to all of our problems as a society. The argument stands that GMOs are safer than harmful quantities of external pesticides.

The GLP aggregated and excerpted this blog/article to reflect the diversity of news, opinion and analysis. Read full, original post: [Are GMOs a Viable Option for the Evolving Cannabis Industry?](#)