

# CANNABIS MICROBIAL REMEDICATION

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## Who we are

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Cold Plasma Group has developed an innovative platform technology that offers eco-friendly, non-toxic, and clean sterilization. The patent pending technology is a game changer in the Cannabis, Medical, and Agriculture sectors.

## Microbial Problem for Cannabis

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Current legislation around the world require legal cannabis to be nearly devoid of microbes, which is difficult to achieve without:

- strict control of environmental conditions in the production plant, or
- post-harvest remediation.

Cannabis is sensitive to heat and radiation, and therefore prone to damage when treated by many of the current sterilization methods.



# SOLUTION

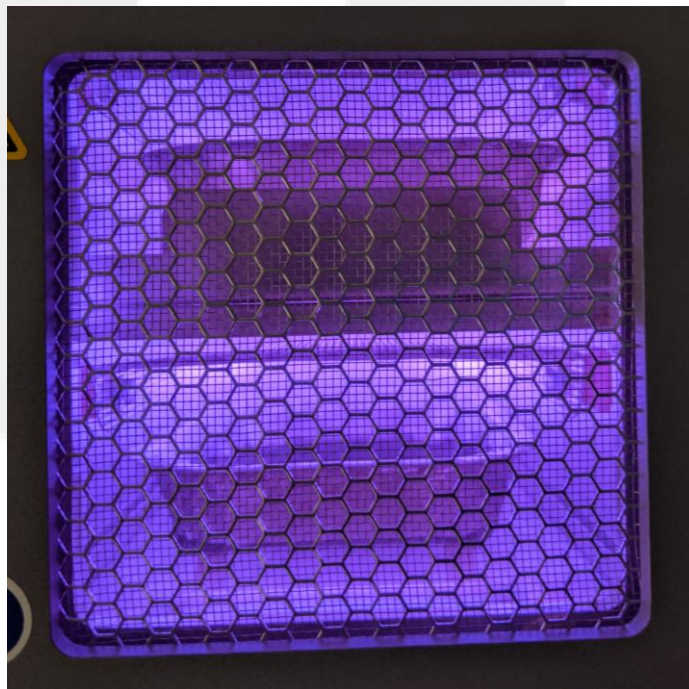
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Using cold plasma treatments, CPG has developed a patent-pending microbial remediation process for cannabis which is:

- ❑ Free of chemicals and ionizing radiation,
- ❑ Clean and organic,
- ❑ Eco-friendly,
- ❑ Safe for the product and workers.

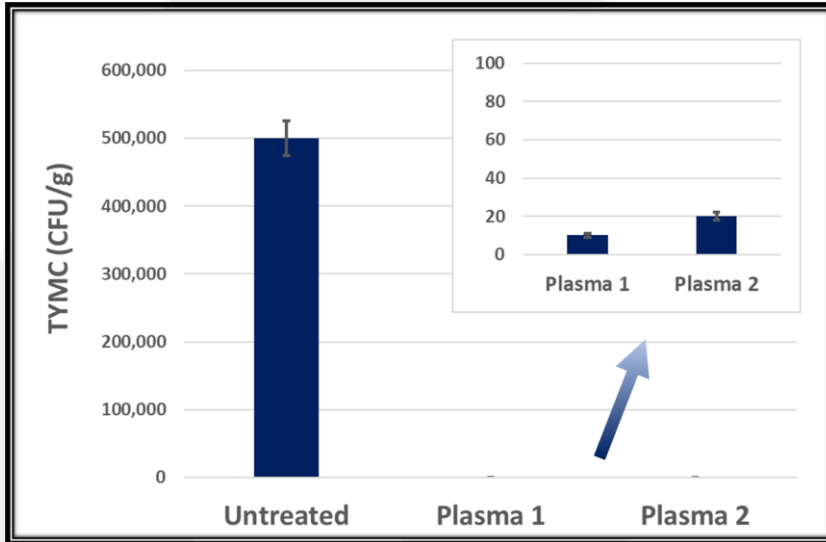
With kill rates of over 99.99%, it is highly effective at remediating cannabis flowers without impact on its quality.

## Cold Plasma Glow

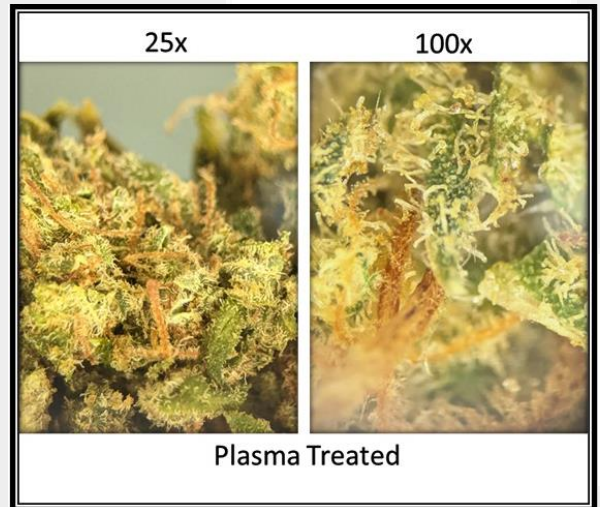


# OUR RESULTS

Total Yeast and Mould Counts before and after plasma treatments.



Pictures of flower under a microscope before and after plasma treatments

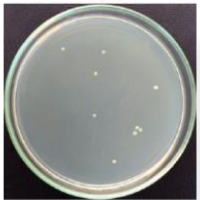


# BENEFITS OF COLD PLASMA REMEDIATION

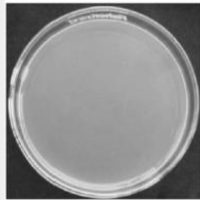
Untreated



+ Plasma 15 min



+ Plasma 30 min



It is a highly effective process (99.99% kill rate), fast and economical.

Product quality is preserved.

Plasma processing is eco-friendly and clean without ionizing radiation, chemicals, or heat.



Plasma machines are compact, easy-to-use, and scalable.



## CUSTOM PLASMA TECHNOLOGY AND AUTOMATED MACHINES



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