

White Ray Reduces Microbial Pressure and Protects Clean, Healthy Harvests



A high-density vertical grow uses ProGuard across cultivation and drying to reduce mold, fungal and bacterial pressure while making problems easier and less costly to manage.



FACILITY SNAPSHOT

4

flower rooms

2

dry rooms

6

units / grow room

2

units / dry room

30+

units installed throughout the facility



"We have a clean, healthy harvest regularly and are very happy with the results."

ERIC WEBER | OWNER / OPERATOR, TECROP CONSULTING

THE CHALLENGE

Vertical cultivation increases production per cubic foot, but dense canopies and limited height can create microclimates and allow airborne mold, fungal and bacterial pressure to spread. In a difficult California market, the team also needed a solution that would support a lean operating model.

THE PROGUARD APPROACH

White Ray installed ProGuard in every cultivation room and dry space, with six systems in each grow room and two in each dry room. The technology operates continuously as a preventive biosecurity layer alongside airflow management and disciplined cultivation practices.

CUSTOMER-REPORTED BENEFITS

Operational observations described by White Ray in the MMJDaily feature



Lower microbial pressure

The grower reported reductions in mold, fungal and bacterial pressure throughout production and drying areas.



Faster, localized control

When an issue appears, it tends to remain localized rather than spreading through the entire room.



More efficient response

Localized problems are easier and more cost-efficient for the cultivation team to manage.



Cleaner, healthier harvests

Continuous protection supports reliable harvest quality and helps protect saleable yield in a vertical environment.

Reduce microbial pressure before it becomes a facility-wide crop problem.

24/7 BIOSECURITY FOR VERTICAL CULTIVATION AND DRYING

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