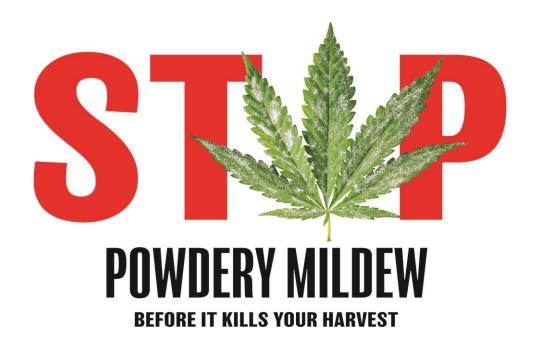
Case Study - Airoclean420 Air Sanitation vs PM









Case Study – Airoclean420 vs PM

<u>Purpose</u>: This study was designed to determine whether Airoclean₄₂₀ air sanitation technology is effective in reducing the occurrence and spread of powdery mildew.

<u>Client:</u> Vertically integrated multi-state national branded cannabis company with controlling interest in: cultivation, manufacturing, extraction, packaging, and dispensaries.

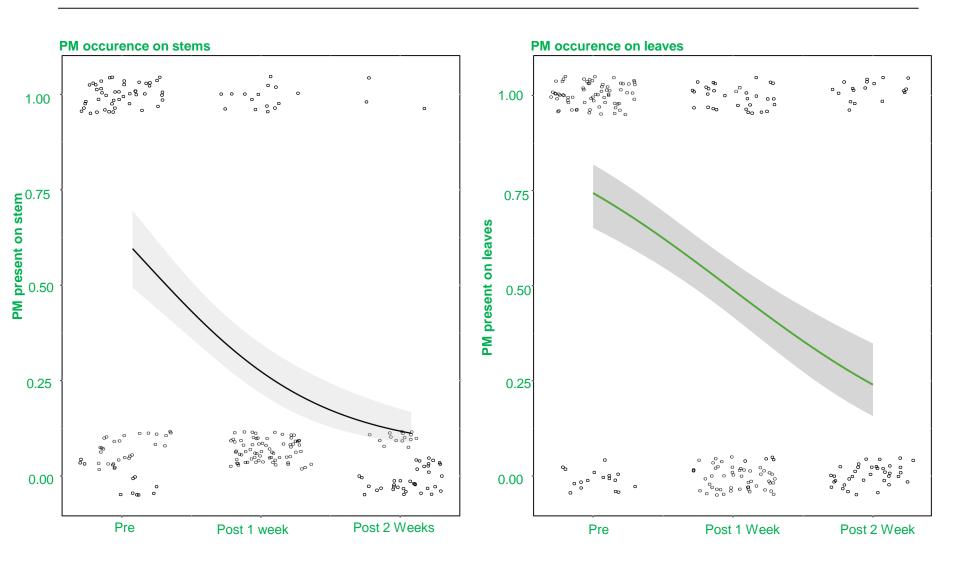
Scope: Work was be performed in an operating cultivation facility from four different cultivars previously observed to be highly susceptible to powdery mildew infection.

TEST PLAN & RESULTS - AIROCLEAN420 IN OPERATION

POWDERY MILDEW OCCURRENCE ON STEMS & LEAVES

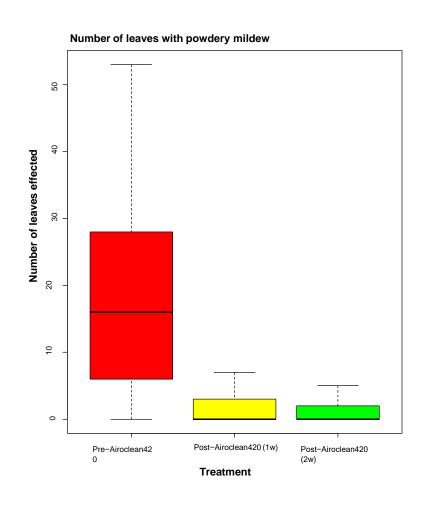
- > Visual observation of PM present on leaves & stems on all 86 plants
- > Number of Observations across 226 group 4 strains.
 - ➤ Pineapple Express (27 plants)
 - ➤ Katsu Bubba Kush (18 plants)
 - ➤ Kosher Tangie (27 plants)
 - Chunky Diesel (14 plants)
- Plot actual observed data Pre Airoclean420 > Post Airoclean420 after 1week and 2 weeks.
- > Airoclean420 significantly reduced PM on stems and leaves within 1 week of use (p<0.001)

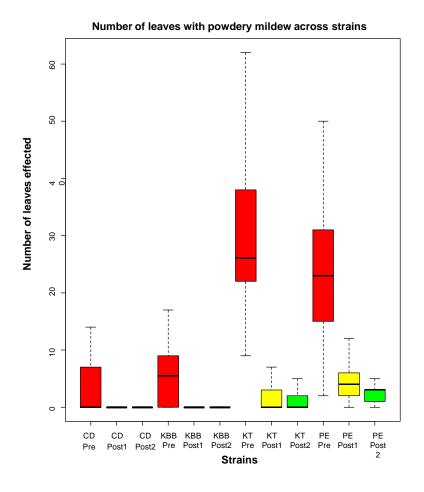
RESULTS WITH AIROCLEAN 420 IN OPERATION



RESULTS WITH AIROCLEAN420 IN OPERATION

NUMBER OF LEAVES EFFECTED BY POWDERY MILDEW





CONCLUSIONS

➤ AiroClean420 significantly reduces the occurrence of powdery mildew on leaves and stems therefore enhances our drive for commitment to quality, purity, and consistency.

RECOMMENDATIONS

➤ Continue operation control with current units and move forward utilizing AiroClean420 Air Sanitation in all other indoor cultivation facilities.

Case Study – Airoclean420 vs PM

Complete Research Protocol available upon request to KES Science & Technology

