

CASE STUDY – *Agriculture / Horticulture*

Case study: Medical Marijuana cultivation with Odorox® technology providing a hydroxyl rich environment. Key observations included:

- Greater and stronger plant yield than previously seen
- Lower incidence of disease
- Reduced electrical and water consumption needs
- No odour

Rationale

Indoor greenhouse (growing) environments create significant challenges with gas, odour, germicidal, fungicidal, pest, mould, and humidity control issues. Experience and ongoing research shows Odorox® hydroxyl generators can act to:

- Help manage agents like ethylene to support specific crop maturation cycles or storage needs.
- Eliminate the odour compounds that attract insects, spider mites, rodents and so reduce pesticide usage.
- Minimise bacteria, viruses and moulds that destroy or compromise growing or harvested crops while also contributing to improved soil fungal control.
- Increase and restore bioavailable oxygen and enhance electrical donation necessary for optimal plant metabolism.
- Create a healthier indoor air environment for indoor crop development and for employees.

