

Fire Suppression Plan
Honeydew Ranch LLC
APN 107-272-005
Case No. PLN-12256-CUP

Objective

The objective of this Fire Suppression Plan is to eliminate the causes of fire and prevent loss of life and property by fire. Additionally, it provides employees with information and guidelines to assist them in recognizing, reporting, and mitigating fire hazards.

I. Portable Fire Extinguishers

Approved, portable fire extinguishers are required to give employees the means to suppress a fire in the event that one occurs. Well placed, readily available portable fire extinguishers are extremely effective in extinguishing small fires. Portable fire extinguishers will be located in each structure, and easily accessible to employees. Extinguishers will be maintained on a strict schedule to proper ensure use if/when they are needed.

II. Dry Chemical Fire Suppression System

Honeydew Ranch is in the process of implementing an automatic dry chemical fire suppression system in all greenhouse structures. Dry chemical suppression systems are most commonly used in industrial settings and utilize ABC or BC dry chemical compounds to effectively extinguish fires and are ideal for use in enclosed places such as greenhouses. Fire suppression systems assist in early detection and help to quickly suppress potentially life and property threatening fires. Automatic dry powder extinguishers feature a specially designed heat-sensitive glass bulb which bursts when temperature reaches a specific temperature threshold.

III. Prevention & Maintenance

Regular maintenance of the site is essential in preventing fire. Employees regularly maintain grass land at a maximum height of four inches. All dead plant material is removed immediately in order to prevent debris from building up on-site and prevent spread of flame in the case of a fire. The property itself has very limited vegetation as it is, which greatly minimizes fire risk.

Clean work environment practices are followed by employees. Garbage and debris are kept in metal-lined receptacles with tight fitting covers and disposed of on a weekly basis.

All equipment is maintained according to manufacturer's specifications. Only properly trained individuals shall perform maintenance.

Minimal storage of combustible material is kept on site. Combustible material is disposed of in accordance with all applicable laws and regulations. Flammable materials are stored away from ignition sources.

Electrical wiring is regularly inspected and overseen to ensure circuits are never overloaded. Extension cords are not used if wiring improvements are needed.

Lights used for mixed-light cultivation are monitored by hours of use to ensure that they are not overused, to avoid the minimal chance of spontaneous combustion.

Smoking is prohibited on jobsite unless within an enclosed vehicle or designated smoking area. Designated smoking area shall have a cigarette butt receptacle.

IV. Training

Project personnel are not trained firefighters, but have been trained to safely use and maintain fire extinguishers. Employees are trained to summon professional help and evacuate to designated zones of safety in the case of an emergency. Employees are also trained to identify materials that are potential fire hazards, properly handle flammable liquids, such as fuel, and report potential fire hazards to their supervisors. Supervisors are responsible for ensuring that employees receive appropriate fire safety training and enforcing fire prevention and protection policies.

V. Fire Department Access

Honeydew Ranch has reached out to Honeydew Voluntary Fire Department to work in conjunction with them and has invited HVFD to tour the cultivation site to ensure that they meet all regulations and minimize wildfire risk. Honeydew Ranch has also proposed to install fire hydrants on-site, which would be connected to the 3,000,000-gal proposed rain catchment pond. Several SRA turnarounds are present, as displayed in the grading plans, to allow access for fire vehicles. All access roads will be rocked, which will also provide mitigation for fire risk.

VI. Infrastructure

The proposed processing facility is a noncombustible engineered steel building, which prevents the spread of flames in the event of a fire and will be more durable as opposed to that of a wood frame structure. This will consist of insulated roll up doors for accessible egress of the facility. A sprinkler system will be installed if deemed effective for this building.

Honeydew Ranch utilizes Ag-Exempt green houses, which accommodate an electrical load of less than 100 amps. The lack of heating/cooling and propane lines greatly minimizes the risk of fire hazard. Honeydew Ranch maintains adequate aisleway width between canopy areas to provide a path of egress for employees in the event of an emergency.