

SOIL MANAGEMENT PLAN

HONEYDEW RANCH, LLC
APP# 12256
APN# 107-272-005
License # CCL18-0003046
Including An Additional Leased Areas

Honeydew Ranch, LLC currently cultivates cannabis in 25-gallon pots located inside the greenhouse structures. Soil remains in the pots throughout the cultivation season. There is one Soil Pile located near the driveway at the entrance to the cultivation area. This pile is contained with straw waddles and covered in plastic during the rainy season. Unamendable soil off hauled to recycling facility.

Honeydew Ranch, LLC will apply a different approach for soil management for the 2020 season to help reduce any potential of delivery to any water course.

Honeydew Ranch, LLC completes soil test to create an amendment plan after each cultivation cycle to reduce over amending. If amendments are needed, they are added to the pots and the soil is processed to rejuvenate the beneficial bacteria and natural additives prior to planting the next cultivation cycle.

At the end of the season the soil is tested again. Pots will remain in green house structures if the soil is reusable. The soil in the pots is processed and a cover crop is planted. If the soil is not reusable it is removed from the green house structure and placed in the Soil Storage Area.

A new soil containment area will be constructed of 3' wood contained walls on three side to prevent any leaching or soil delivery by establishing a secure controlled area. The soil storage area is covered with plastic to prevent leaching. Soil is off hauled to a disposable facility as soon as possible to prevent to risk of leaching and run off.

Honeydew Ranch has purchased a 1-yard soil mixer with conveyor belt that will be used to amend the soil at the start of each season. The soil is tested for deficiencies and amended according to the soil test results. The 25-gallon pots are emptied into the mixer and amendments are added and mixed to assure even distribution of the amendments. The 25-gallon pots are re-used and filled with the amended soil. This procedure is preformed inside the greenhouse structures to reduce the risk of soil delivery into water ways.

This soil management plan will reduce the soil pile, eliminate the potential of soil delivery to any watercourse, and will be monitored for effectiveness during the rainy winter months.