

Marijuana Equipment Case Study

Find out how Arizona-based marijuana and hemp grower keeps his fertigation tanks and irrigation lines clean of biofilm and residue

The Need

In an effort to find an eco-friendly, non-toxic solution for the cleaning of his fertigation tanks, our Agent Herb Ambassador in Arizona who is focused on the cultivation of Marijuana and Hemp turned to the Agent Herb 5:1 solution. Similar to other growers, our grower needs to keep his tanks as well as irrigation lines free of biofilm and residue to ensure a healthy crop and to protect the condition of his equipment.

The Application

With several different ways to clean fertigation tanks and irrigation lines, our grower performed the following for his 100-gallon tanks:

Step 1: Drained tanks of dirty water

Step 2: Sprayed 5:1 solution and wiped down all surface area of tank

Step 3: After first wipe down, sprayed a 5:1 solution once more on all surface area of tank and let dry

Step 4: Filled tank with zero residue and tank was ready for nutrition

To clean one 100-gallon fertigation tank, the grower used approx. 1.6oz of diluted solution.

The Results

This cleaning process resulted in the removal of 100% of the biofilm and residue build up and left zero odor. Additionally, the grower reported that after the cleaning, biofilm and residue took longer to return. His time between cleans is 7-10 days while using the 5:1 solution, rather than every 3-5 days which is typical of similar products. It is also important to note that when 5:1 solution was flushed through irrigation lines, the solution also cleaned the lines of unwanted build up. In his low flow emitters, for example, the 5:1 solution broke up all salt build up and left no residue.
