

Case Study

Challenge

Our customer has been having trouble with the roses on her property. The plant looks healthy into the budding stage, but the buds refuse to bloom. Upon inspection, we found a spider on the plant, along with an established web system. Our customer had been using an insecticide soap to combat the spider, but it was not effective. We needed to find a way to neutralize the bugs and stop them from killing the Plants.



Solution

Electrolyzed water in conjunction with RezFree

Using an alkaline water, (pH 10-11.5), in conjunction with a hypochlorous acid, (pH 4), we are able to eliminate the threat of damage from spiders, without harming the plant. Anolyte water reduces the surface tension of the plant membrane, and allows for better absorption of the catholyte water. The catholyte water is then able to penetrate, and attack pathogens at a cellular level.

RezFree classic is developed as a solution to increase nutrient uptake, promote growth, trigger defense systems of plants, and maximize yield. Insects generally avoid healthy plants because they don't recognize them as food. Insects are not able to digest healthy plants so they will tend to avoid them, searching instead for another food source.

Results

After 2 treatments using both electrolyzed water, and RezFree Classic, over the span of one week, the rose bush appeared to be free of any insects, and our customer's plants were thriving once again.



Specifications

Growing Zone

3b

Outdoor

Trial Start Date

August 12, 2020

Trial Area Size

1' wide x 3' deep x 3' high

Application Process

August 12, 2020

Applied 100 ml of Anolyte (high pH) - Sprayed directly on plant as mist

Wait 15 minutes

Applied 100 ml of Catholyte (Low pH) - Sprayed directly on plant as mist

August 13, 2020

Mix 5ml Rezfree classic in 1 litre of water

Applied to soil at base of plant, and misted flowers and foliage

August 17, 2020

Applied 50 ml of Anolyte (high pH) - Sprayed directly on plant as mist

Wait 15 minutes

Applied 50 ml of Catholyte (Low pH) - Sprayed directly on plant as mist

August 18, 2020

Mix 5ml Rezfree classic in 1 litre of water

Applied to soil at base of plant, and misted flowers and foliage

Climate

Average Temperature during time of trial:

Day Time- 25C

Night Time- 12C

Rainfall - 4mm August 12

