

APPLICATION RESULTS ~ AGLAONEMA (CHINESE EVERGREENS) WITH INCIDENCE OF FUNGI, BACTERIA AND NEMATODES

INTRODUCTION:

Aglaonema (also called Chinese evergreen) is a highly decorative plant with several interesting varieties. They are native to tropical and subtropical regions and are grown mainly for export. As with most tropical plantations, the main challenges faced are from Nematodes, fungi and bacteria, which cause severe rotting of the plant (root, stem and leaves) and drastically impacting production and profits. The conventional treatment methods have been with fungicides and chemical nematicides, however, there is a growing concern of soil and aquifer contamination as a result of using high concentrations of chemicals.



OBJECTIVE:

In an effort to use a safer and less disruptive organic product, Puroxi (OB) was used extensively to treat the water, plants, and soil. The primary means of obtaining this objective was to improve existing water conditions, which are very contaminated and are the primary means of contamination by fungi and bacteria. The main objective was the reduction and eventual elimination of the of nematodes and fungi population. The intended goals of this objective were: increased production, improved plant health, and reduced costs of agrochemicals.

APPLICATION METHOD:

Before starting, the pH level of the water was tested and then treated to ensure the most suitable level to be used with our products. All organic products were then mixed well at the appropriate concentrations. The methodology lasted 5 weeks, with weekly applications until the cutting phase (harvesting). Two different methods of application were used using different concentrations (ppm) of Puroxi (OB):

- directly to the soil - consisted in flooding Puroxi (OB) directly to the stem of each plant in the soil
- foliar application - spraying all the leaves with the prepared mixture from a backpack sprayer.

RESULTS and RECOMMENDATIONS:

After only the second week of application the elimination of the population of nematodes, fungi and bacteria was totally effective. The application protocol proved to be much more effective than traditional chemical treatment methods, with much quicker results. Additional benefits clearly evident were stronger plants and heartier growth development: thicker and cleaner stems, a greater root area, both in size and thickness, and greener larger leaves; all with NO rot. This was in stark contrast when compared to the plants in the untreated areas that did not use Puroxi (OB) products.



TESTIMONY:

Mr. Juan Gómez, agricultural manager of the plantation indicated:

PUROXI (OB)

PURE WATER GLOBAL INC.

“THE BEST WATER SOLUTION”

for ORNAMENTALS

"At the time of the application of the product, we could see that the root areas were infested with Rhizoctonia Solani, as well as fungi on the leaves. But after the second application ALL disease was gone! I could very clearly observe the superior development of these plants, with better integral health, better production, increased yield and the plants are also producing new sprouts faster."

Our products, formulations, and application methods have shown proven success with disease resistance and pest prevention, and healthier, more robust plants. This is a bacterial issue and bacteria do not like oxygen. Due to increased oxygen levels and nutrient uptake derived from our product, any fungal or bacterial issues can be prevented or eliminated. We believe that you can counteract the cost of our product by eventually cutting back on fertilizers and pesticides.

DISCLAIMER:

The observations listed above are from specific situations, based on their own unique results and experiences. All water is different; every environment is different; every operator is different; every soil is different. And of course, each challenge of diseases or contaminants is different. We cannot guarantee you will see any specific result listed above. But what we can guarantee is that you will immediately have clean, clear, nutritional water, and in a very short time, better results than without our applications. When your plants and soil have healthy, nutritional water it's a good start. Raising the oxygen levels will further contribute to your overall production success. Application rates and methods vary from operation to operation.



PROFILE

Farm name: Confidential
Location: Siquinalá, Escuintla.
Trial period: 5 weeks
Type of farm: Aglaonema. Ornamental
Variety of crop: Ornamental.
Test Area: 1 Hectare
Climate: Tropical Humid

If this makes sense to you, please give us a call; we would love to have you as a customer.

CLEAN ~ CLEAR ~ NUTRITIONAL WATER IS OUR PASSION!

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Caution: Do not add fertilizers in the water at the same time as you add Puroxi (OB), without doing a Jar Test. Some fertilizers may plug emitters when mixed with Oxygen. Always consult your local Distributor or us, prior to application to ensure it is done correctly.