

APPLICATION RESULTS ~ RUBBER TREE PLANTATION

INTRODUCTION:

Rubber tree plantations have the peculiarity that in order to be exploited and to obtain a rubber latex production, must open or make a cut in the bark of the tree called Pica Panel, for the production of latex. This cut makes very susceptible to the bark of the tree to contamination or infection thereof, if effective treatment is not given, since the channel and the pica panel become vulnerable to the contamination of fungi, bacteria and others. During the winter season this vulnerability is made more sensitive to two main types of diseases: a) Keratocitis Embriata or the so-called gray mold that attacks the pica panel above the channel runoff, preventing early regeneration of the pica panel. b) Phythoptora or Black Stripe that also affects the pica panel, limiting the regeneration of the pica panel and to rubber production.



OBJECTIVE:

The objective obviously in this case is to eliminate the presence of these two diseases in rubber trees, specifically in the Pica where its presence is most evident in winter time. For this purpose Puroxi product (OB) was used as a fungicide in contact with a wax of Carnauba oil that will serve as a plaster the area for regeneration.

APPLICATION METHOD:

The prepared formula of Puroxi OB and Carnauba oil consisted of making a homogenous mixture to be applied as a spray throughout the pica panel in moderate amounts over the whole area, being careful not to let the formula accumulate in the drainage channel or harvesting area. Care must be taken to avoid applying by brush or other device that has contact directly with the pica panel, since the brush can be contaminated and cross-contaminate other healthy trees.

After applying the formula to each tree, the pica panel is very moist and shiny (due to the Carnauba oil). Puroxi OB has an element of oxygen in the proprietary formula, producing a disinfection effect which counteracts or destroys any bacterium, fungus or virus in the treated area.



RESULTS:

On the third day of the application, the Pica panel and runoff channel showed obvious results in the disappearance of the two diseases or fungi that were present in the tree. Both the gray mold and the black stripe disappeared from the pica panel and the runoff channel. The initial test was carried out on 30 trees of the plantation, and all 30 showed an excellent result. This will enable the regeneration of the pica panel in a natural manner, resulting in a higher production of latex.

CONCLUSIONS AND RECOMMENDATIONS:

It was possible to observe the excellent synergism offered by the combined application of the two products to eliminate the two fungi. Puroxi OB and Carnauba wax acted as a contact and shock fungicide of rapid effectiveness, with a lower cost and more effective than many other products available on the market. It is recommended that two applications of the formula be made to the Pica panel and runoff channel, 15 days apart, to guarantee the best results.

TESTIMONY:

The owner of the estate, Mr. Osman Rodriguez, was present during the preparation and application of the products on the farm. He confirmed that the products acted much more effectively in the disappearance of fungi than other treatment methods. The application protocol is now being applied to the whole plantation area of 5,000 to 6,000 trees.

PUROXI (OB)

PURE WATER GLOBAL INC.

“THE BEST WATER SOLUTION”

for RUBBER TREES



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: Las Brisas
- Place: Pajapita, Sn Marcos
- Trial period: 12 days
- Type of farm: Sow of Tobacco
- Type of trees: Clone PB 260
- Qty. of trees: 12,000 total
- Age of trees: 8 to 10 years
- Climate: Tropical Humid
- Application: Field

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

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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.