

DISEASE CONTROL

EFFICACY OF CHLORINE DIOXIDE AS A WATER DISINFECTANT ON THE INCIDENCE OF DISEASE SYMPTOMS IN ORNAMENTAL PLANTS

Objective:

- 1) Evaluate the effect of chlorine dioxide treated water on disease incidence in selected ornamental plants

Materials and Methods

Plant Source:

Plants of Lavender, impatiens and violas were obtained from a local grower. Plants were in quart size pots and actively growing.

Plant Care and Treatment:

Plants were divided in three groups of 210 plant, 70 plants of each species and placed in a drip irrigation system. The first group of plants received city water, the second group received untreated recycled pond water and the third received filtered pond water treated with chlorine dioxide.

Irrigation system:

Plants were placed in a drip irrigation system

This Project is ongoing and preliminary results are not available.