EcoMicrobials™

Field Trial: EcoFlora – Field Trial on Turf

Product:	EcoFlora	**Product Type:**	Plant and Soil Inoculant
Crop:	Baron Kentucky Bluegrass	**Location:**	Miami, Florida, U.S.A.

OMRI™ Listed
Organic Materials Review Institute

Method of product application and results:

EcoFlora was evaluated along with three chemical fungicides (Heritage 50W, Chipco 1.67 SC, Clearys 3336 50W) for control of the pathogenic fungus Magnaporthe pose in the turf Baron Kentucky Bluegrass. The application rates of the chemical fungicides were the ones recommended in the labels (see table results). The corresponding dose was applied in 8 liters of water and applied to a lawn of 100 m^2. The dose of EcoFlora was 2 kg per hectare and by application. All products were applied every other week, beginning three weeks prior to the inoculation of the pathogen. The products were applied at night. The efficiency of each one of the products was determined one month after the inoculation of the pathogen.

Results:

All products tested significantly controlled the pathogen in turf. No significant differences in control of the pathogen were determined among the chemical fungicides and EcoFlora. Consequently, EcoFlora was as efficient as a chemical fungicide to control Magnaporthe pose in turf.

Product	Grams for 100m^2 per application	Control of Pathogen
Heritage 50W	61	95.2%
Chipco 1.67 SC	30.5	85.8%
Clearys 3336 50W	244	93%
EcoFlora	61	89.5%

Questions or Concerns?

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