



Treating infestations of hard to control mycelium-based necrotrophic, saprophytic fungi.

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BSc in Horticulture, Wye College,
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PhD in Botany, McGill University
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**Assistant Professor, Associate
Professor and Full Professor**, School
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Honorary doctorate in Biochemistry,
University of Warmia and Mazury,
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Honorary doctorate in Biophysics,
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Mycelium-based saprophytic fungi attack grass roots by emitting toxins into the soil. These toxins kill the roots so the fungi can invade the dead tissue and use it and the thatch layer/rotting organic material as a food source. The fungi also secrete fatty/oily (hydrophobic) compounds into the soil, preventing the grass roots from taking up water and nutrients.

HSC Organics has developed and tested a biological product that treats both the cause and the symptoms of mycelium-based fungal diseases (Fairy ring, dollar spot, Rhizoctonia, Rhizoctonia zeae...)

Years of testing at university turf grass facilities in the US and on golf greens in Mexico, US and Canada have shown instead of trying to kill the fungi (thereby increasing the likelihood of resistance developing), HSC Organics accelerates the decomposition rate of the organic material making the environment less conducive to the growth of fungi and more beneficial for the growth of the turf by increasing beneficial microbial populations.

Unlike most other microbiology-based golf green products, HSC Organics does not contain plant hormones, vitamins, or other unnecessary molecules. Instead, every component has been carefully selected to mitigate against the health of the fungi and in favor of the health of the plants. Rejuvenation of damage begins with first applications and long term usage shows a significant reduction in the level of stress outbreaks.

HSC Organics is a carefully selected array of purely biological, non-toxic components designed to counter the negative effects of thatch-dwelling, mycelium-based, toxin-producing saprophytic fungi, which cause soil hydrophobicity. These components of HSC Organics are all environmentally-acceptable to the EPA and USDA.



Necrotrophic Fungi

Controlled with HSC Organics

