Suppression of Problematic Nematodes Using Botanical Extracts in Turfgrass. (C05-cox083804-Oral)

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Abstract:

Parasitic nematodes can cause severe damage and economic losses in managed turfgrass. The maximum acceptable nematode threshold for a turf variety is dependent on nematode species. As more nematicides are withdrawn from the market due to environmental restrictions, the search for viable alternatives is becoming more urgent. The objective of this study is to examine the efficacy of plant extracts for the suppression of parasitic nematodes in turfgrass. Extracts from the following plants will be included in the study: Spotted Spurge, Tall Lettuce, Lantana, Poinsettia, Golden Rod, and Canola byproducts. These screening studies will be explained in further detail along with efficacy results.

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