

## Comparison of phytotoxicity indices, fungicidal and bactericidal activity of *Streptomices* from different habitats

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### Abstract

Five strains of streptomycetes were compared concerning their antagonistic suppression of test-organisms from various taxonomic groups – bacteria, phycomycetes (yeast), one-cellular green algae and two weed herbs. *Streptomycetes* were isolated from different habitats (potato tubers, soil samples from various regions of the Earth, as well as the wastewater sludge, spoiled with white phosphorus), what determined the difference in their antibiotoxic activity. In particular, *Streptomycetes* species A8 strain, isolated from the toxic sludge, contrary to the other ones, did not suppress at all the growth of the higher plants.