Studies on Effect of Weedicides on Microbial Population in Soil and Yield of Soybean

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Summary
The application of herbicide influenced the soil biological activities. All the herbicides were found to be more effective inhibitors against bacteria. Fungal population was also affected while actinomycetes had negligible effect. Two hand weedings in soybean increased yield without affecting microbial population in soil. Post emergence weedicides were found to be effective against weed control and also had less effect on soil microbial population than other weedicides.

Key words:
Weed control, Weedicides, Micro-organisms soybean