



## Dinamica activitatii biologice din solurile cultivate cu porumb sub influenta aplicarii unor erbicide

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The microbiological activity within the cultivated soils is in close relationship with their characteristics, environmental conditions, cultivated species and culture technology. The results concerning the biological activity within maize cultivated soils have indicated a different microbiological activity levels depending on the type of herbicide used. There, it has been revealed that the herbicides based on rimsulfuron, metil, atrazin and simazin have produced significant changes in biological activity of the soil through the reduction or even the disappearance of the G<sup>+</sup> species and the growth of the actinomycetes number.