

ODRŽIVO ISKORIŠTAVANJE TALA – BAKRNI ALATI POBOLJŠAVAJU RAZVOJ KVALITETA TLA I BILJAKA

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Da bi se verificovali uticaji alata od bakra na tlo, obavljene su usporedne analize u dvije oranične parcele u vremenu od februara 2017. do maja 2017. Obrađene su obje oranice (parcela A sa bakarnim alatom i parcela B sa običnim čeličnim alatima), a jednom mjesечно vršena je analiza zemljišta. Na kraju studije utvrđeno da je tlo na parceli A zadržalo više vode, bilo manje kiselo, sadržalo je veću količinu kalijuma i imalo povoljniju strukturu. Nema uticaja na količinu azota i fosfata u tlu. U budućnosti, istraživanje treba provoditi tokom dužeg perioda, a analizu treba uraditi sa preciznijim mjernim uređajima (sa pH metrom, sa preciznijim kalijima, azotima i fosforim brojljima).

Ključne riječi: bakar alat, prirodni proces, puž, svojstva tla, voda

SUSTAINABLE USE OF SOIL - COPPER TOOLS IMPROVES SOIL AND PLANT GROWTH

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In order to verify the influence of the copper tool, we carried out a survey in two sample fields. From February 2017 to May 2017 we dig through both fields (field A with copper tools and field B with plain steel tools), and once a month we also carried out soil analysis. At the end of the study, we found that the soil on A retained more water, was less acidic, contained a higher amount of potassium and had a more favourable structure. No influence on the amount of nitrogen and phosphates in the soil was detected. In the future, the research should be carried out over a longer period, and the analysis should be done with more accurate measuring devices (with pH meter, with more precise potassium, nitrogen, and phosphorus meters).

Key words: copper tool, nature's process, snail, soil properties, water