



RESEARCH ON SOIL PROPERTIES CONSERVATION DURING THE PREPARATION OF GERMINATION BEDS IN GREENHOUSES

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Abstract

This paper presents the experimental researches results regarding the way in which are fulfilled agro technical requirements on soil properties conservation at preparation of the germination bed in greenhouses. There are analyzed the results obtained after agricultural work with digging soil machine MSS-1.40 and with agricultural rotary tiller FPP-1.30, on which were modified the moving speed and the working depths, on soils with different humidity. Based on this results there can be established the agricultural machines working regimes, through which is possible to assure the best condition for soil properties in greenhouses conservation. The used equipments on experimental researches (penetro-meter, humidity-meter, site kits etc.) is of latest technical generation having the necessary accuracy for this kind of researches. It was considered the precedent agricultural plants cultivated influence, analyzing in this paper the existing situation after cultivated tomatoes, cucumbers and spinach, plants with high cultivation frequency in greenhouses.

Key words: germination bed, greenhouse, soil conservation

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