



## Influența proprietăților fizice ale solului la repartizarea umidității pe profil în condițiile irigației prin picurare

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The influence of the physical properties of the soil under humidity distribution on the profile in the dropping irrigation conditions.. It is presented the influence of the physical properties of the soil . bulk density, texture, macrostructure under humidity distribution on the profile in the dropping irrigation conditions. The investigations were made on the basis of four sectors represented by chernozems. In the certain conditions of the soil and relief it were tested different debits of dropping . 2,4,8,12,16 litre/hour. There was obtained data about water distribution in the soil profile, depths of the water penetration, the form of the soil with optimal humidity for growing vineyard and fruit trees. It was established the number of drops and their debit for an optimal irrigation regime on the profile of different soils.