



Considerations of the possibilities of capitalization of the slopes lands from Moldova plain by introduction of irrigation

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The limitative factors of the agricultural production from Moldova Plain limit year by year the crops. The climate terms diminished the production of the less pretentious crops for water, at least with 30 % from the potential value. The torrential character of the rainfall determines the moisture deficit in soil on the slopes lands more than 5 %. These represents in the area more than 60 % (aprox. 365,000 ha) from the agricultural field. The introduction of the irrigation - in order to a superior turn to good account of these fields - has to be made with much judgement, in order to avert the intensifying of the soil erosion processes and/or the landslides. In the paper there are shown the methods of applying of sprinkler watering at the main agricultural crops on the slopes lands, for obtaining of profitable crops in the condition in which are maintained the soil losses and the chemical elements (fertilizers, pesticides) in tolerable limits, without damages.