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The effect of different soil tillage conservative systems on soil physical characteristics

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In the context of the present intensive agriculture, the optimization of farming procedures require the implementation of new strategies that allow the most effective use of lands and also the reduction of gas emissions into the atmosphere, in order to reduce the negative impact of the soil tillage system on the environment [9, 4, 1).The energetic impact of annual cultures on the environment may be reduced by a rational rotation and minimal soil tillage system [1, 9]. The study was carried out from August 2007 to August 2008 in on experimental field belonging to the Department of Soil Management, and initiated in the Student Research Station Ezareni of the University of Agricultural Sciences and Veterinary Medicine of Iasi – Experimental Farm. In this paper are evaluated the effects of tillage systems on soil physical properties.