



Proprietes physiques du sol en prairie a graminees avec different utilisation en LFA

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The work aim is to determine the influence of different grassland management manners on change of physical soil properties. The observed areas are situated in natural conditions of Fluvisoil, in the landscape of the area Jeseníky, in slightly hot region in the 340 m above sea level. The average annual temperature is 6,2°C and the average annual precipitations are 700 mm. The experiment was executed on the permanent grassland with dominant *Dactylis glomerata*, *Poa pratensis*, *Trifolium repens* and *Taraxacum* sect. *Ruderalia*. On taken soil samples were ascertained physical soil parameters - bulk density, total porosity, retention water capacity and maximum capillary water capacity. Obtained data were tested by analysis of variance. Physical soil properties on extensive grassland utilization were better in comparison with intensive ones.