



## Efectul unor sisteme de lucrare asupra unor indicatori pedomorfologici și fizici ai solului

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During the period 2007 studies were performed to determine the influence of some tillage systems on the pedomorphological parameters of cambic chernozems with fine texture. Three treatments were compared: 20 cm ploughing, paraplow- rotary harrow and disk harrow. A distinction was made between two zones for each treatments: non compacted and slight compacted by mechanical equipment. The morphological features estimated

in the field refer to the type of the structure, size of the structural aggregate and uniformity of the root distribution. In the slightly and medium compacted layers the plant are mainly distributed on the surface of the structural aggregates.