



# Agricultural Journals

*Research in*

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# Res. Agr. Eng.

**Rácz P., Szüle Z.:  
Relationship between  
the looseness of soil  
and the electric**

# conductivity

Res. Agr. Eng., 55 (2009): 136-140

The present article reports on an experiment as part of the research in the frame of which I search after the relationship between the looseness  $L$  of soil characterising the operating quality of the chisel-type subsoilers of a medium working depth, and the change in the electric conductivity in the soil caused by the loosening cultivation. The investigation was carried out with the help of the mobile electric-conductivity measuring device – accounted as a novelty in field-land tests – type Veris 3100 with disc electrodes, operating in field-land conditions. As the results of the investigation, the relation between the electric conductivity and looseness  $L$  of soil are presented in this article.

## **Keywords:**

looseness  $L$  of soil; electric conductivity; subsoil chisel; Veris 3100

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