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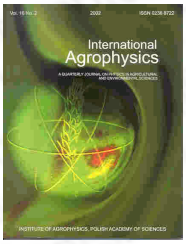

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Soil moisture and bulk electrical conductivity variability measured by TDR

(get PDF)

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abstract The result of numerous TDR measurements of heterogeneous soil water content are shown. Some statistical parameters of measured water content and bulk electrical conductivity fields are calculated. TDR water content measurement proves to be a quick and reliable measurement method for the assessment of stochasti-cal properties of heterogeneous soils.

keywords TDR water content measurement, soil heterogeneity, random field parameters