

WATER QUALITY IN VIEW OF THE IRRIGATION NEEDS

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ABSTRACT

The use of water for irrigation in Vojvodina Province is directly associated with quality and quantity of large watercourses. Because of the area position, it is quite natural to consider the Danube river, either directly, or indirectly through the canal network the Danube-Tisa-Danube, as the best source of the water for irrigation. This paper deals with analysis of water usability for chosen irrigation systems with characteristic soil type, way of irrigation, cropped area and production level. The suitability of the analyzed water for irrigation, was assessed by the following next classifications: Neugebauer's method, US Salinity Laboratory, FAO classification, and classification after Miljkovic.