

农村发展—生态资源环境

土壤入渗参数的估算方法及其变异性研究进展

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摘要:

土壤入渗参数是地面灌溉中灌溉制度制定、灌水质量评价的重要依据。此文总结了目前地面灌溉中常用的土壤入渗模型,并对入渗参数的各种估算方法做了详述,探讨了各种方法的优缺点,综述了土壤入渗参数的变异性及其对灌水质量的影响,指出了土壤入渗参数估算及其变异性分析中存在的问题,为今后揭示土壤入渗参数的反演及其变异规律提供参考。

关键词: 变异规律

Overview on Study of Estimating Infiltration Parameters and its Spatial Variability

Abstract:

Infiltration process was one of the most important soil physical properties in the design, evaluation and simulation of the surface irrigation methods. In this paper, the infiltration model was summarized, all kinds of estimation methods of infiltration parameter were introduced, and the disadvantage and the merit of these methods were also pointed out in this paper. All of this offered academic foundation in the estimation method for the future. In addition, this paper also introduced the progress of the estimation method, pointed out the directions.

Keywords: spatial variability

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