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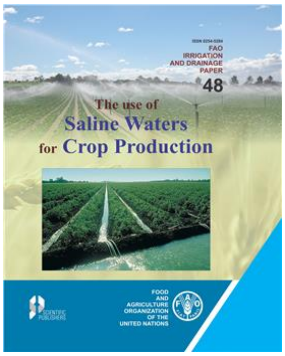
The Use of Saline Waters for Crop Production



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Blurb

The conclusion of the Expert Panel was that there is good potential for the safe use of saline-water for crop production. It recommended the integrated management of water of different qualities at the levels of the farm, irrigation system and drainage basin, with the explicit goals of increasing agricultural productivity, achieving optimal efficiency of water use, preventing on-site and off-site degradation and pollution and sustaining long-term production potential of land and water resources. In this publication the experts have drawn heavily on the papers presented in the Expert Consultation as well as on the recommendations that came out of the Consultation. It is hoped that this publication will provide guidelines to many developing as well as developed countries in order that they may manage their saline waters for productive purposes in a sustainable manner.

Table of Contents

Operating delivery systems efficiently
Irrigating efficiently
Monitoring soil water and salinity and assessing adequacy of leaching and drainage
Management for Environmental Protection
Practices to control salinity in water resources
Integrated strategy to facilitate the use of saline waters for irrigation, to minimize drainage disposal problems and to miximize the beneficial use of multiple water sources
References