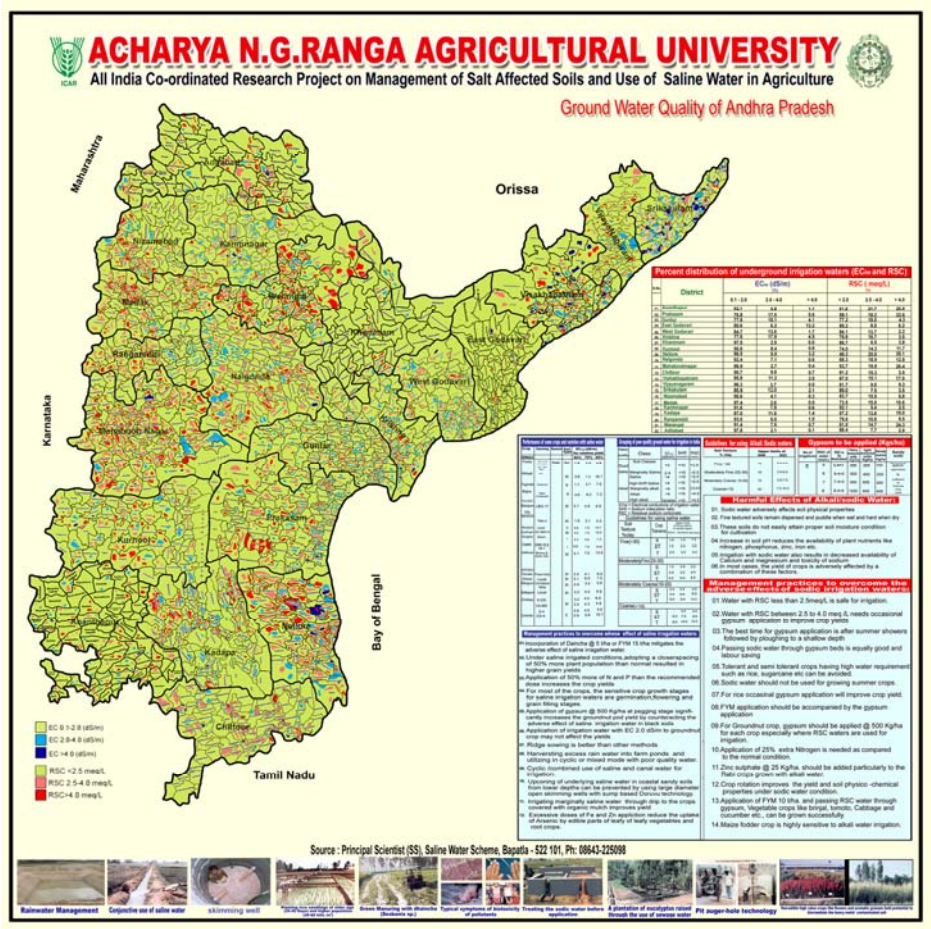
Groundwater Quality Map of Andhra Pradesh Published

The coordinated Center, Bapatala of the AICRP Management of Salt Affected Soils and Use of Saline water in Agricultura working under the aegies of Acharya, N G Ranga Agricultural University, Hyderabad has prepared and published a groundwater quality map of Andhra Pradesh (Fig. 1). Alkali water problem is more conspicous in the state than the saline water problem. For example, more than 20 % of the groundwater have RSC >4 meq/l in Ananthpur, Parkasham, Nellore, Mehboobnagar and warangal Districts. In Nellore 1/3 of the groundwater are alkali in nature having RSC > 4 meq/l and together with water having RSC in he range of 2.5-4 meq/l, the percent increases to more than 50 %. Contrarily, more than 10 % of the groundwater have EC > 4 dS/m only in the East Godavari district. However, low salinity water in the range of 2-4 dS/m are quite widely distributed covering more than 10 districts where the percent of such water is more than 10 %.

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