



## RESEARCH PAPER

# Status of irrigated soils of coastal Dev Bhumi Dwarka district of Gujarat

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**Abstract :** In order to evaluation the fertility status of each taluka of Dev Bhumi Dwarka district viz., Kalyanpur, Dwarka, Khambhalia and Bhanvad, thirty representative surface (0-15 cm) soil samples were collected from cultivated farmer's field during May-2015. The chemical analysis of 120 surface samples indicates that soil were deficient with respect to available  $P_2O_5$ , whereas medium in available N and high in available  $K_2O$  and S status. Among the DTPA extractable micronutrients, Mn and Cu were found high, whereas the soils were medium in Fe and Zn. The nutrient index values were low for available  $P_2O_5$  (1.43), medium for available N (1.53) and S (2.10), Fe (1.92) and Zn (1.80) and high for available  $K_2O$  (2.60), Mn (2.66) and Cu (2.92) in the soils of Dev Bhumi Dwarka district.

**Key Words :** Available macronutrients, DTPA extractable micronutrients, Nutrient index

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