

Research Article

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Fertility status of irrigated soils of coastal Gir Somnath district of Gujarat

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Summary

Thirty representative surface (0-15 cm) soil samples were collected from cultivated farmer's field of each taluka of Gir Somnath district viz., Talala, Veraval, Sutrapada, Kodinar, Gir Gadhada and Una during 2014. The chemical analysis of 180 surface samples indicates that soil were deficient with respect to available N and P_2O_5 , whereas medium in available S and high in available K_2O status. Among the DTPA extractable micronutrients, Mn and Cu were found sufficient, whereas the soils were medium in Fe and Zn. The nutrient index values were low for available N (1.20) and P_2O_5 (1.27), medium for available S (1.74), Fe (2.24) and Zn (2.17) and high for available K_2O (2.64), Mn (2.79) and Cu (3.00) in the soils of Gir Somnath district.

Key words : Available macronutrients, DTPA extractable micronutrients, Nutrient index

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