Dynamics of zinc fractions in calcareous soils of Saurashtra region of Gujarat
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ABSTRACT
Soils of Saurashtra region are comprised of 10 soil groups and majority of soils are medium black calcareous in nature. One hundred sixty nine surface soil samples were collected (0-15 cm) at an interval of 10 years and different fractions of Zn were determined. The WS, EF and AF of Zn showed an increasing trend after a span of 10 years, while RF decreased. During 1990, predominant components were DTPA available and RF, while after decade during 2000, the EF was found predominant followed by DTPA available form. The total Zn content in soils of Saurashtra region increased, while residual forms of Zn decreased marginally. The per cent available and total available Zn also increased after 10 years.