

## **CONSTRAINTS FACED BY THE FARMERS IN ADOPTION OF RECOMMENDED SOIL RECLAMATION PRACTICES FOR SALT AFFECTED SOILS IN PURNA VALLEY**

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### **ABSTRACT**

Constraints Analysis is essential to induce knowledge and adoption of any growers. The study entitled “Knowledge and adoption of land care techniques by the farmers in salt affected track of Purna Valley” was purposefully conducted in Akola and Akot Panchayat Samities of Akola district in the Vidarbha region. For the present study, 100 farmers were selected from ten villages by using random sampling. The objective of the study is to know the constraints faced by the farmers in adoption of recommended soil reclamation practices for salt affected soil using exploratory design of social research. While studying the constraints, majority of the respondents reported the constraints like lack of knowledge about green manuring with Dhaincha / Sun hemp (100%), lack of knowledge about gypsum bed technique (98.00%), insufficient and irregular rainfall for salt tolerant crops (88.00%), high intensity of rainfall within few period damage the bunds (88.00%), absence of Vetiver grass (85.00%), lack of knowledge about zinc sulphate (86.00%) and low knowledge about opening of deep furrows (81.00%). Hence, for increasing the adoption of recommended reclamation practices, there is need to take care of these constraints.

**KEYWORDS** Constraint analysis, Reclamation practices, Salt affected soils in Purna Valley