

ANALYSIS OF PESTICIDAL RESIDUE IN SOIL OF MAIHAR REGION OF SATNA DISTRICT OF MADHYA PRADESH

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ABSTRACT

In this Analysis work five village of Maihar region of Satna District have been selected for collection of soil samples. Soil samples were collected by standard methods and these samples were analysed for pesticidal residues. In targeted various pesticides only pendimethalin was detected in selected three villages. The reason behind this is excessive use of pendimethalin in these villages and pendimethalin is slow biodegradable pesticide. Present concentrations of pendimethalin in soil of three villages are not so high to cause fatal adverse effect.

KEYWORDS: *Maihar Region, Pesticidal Residue, Pendimethalin*