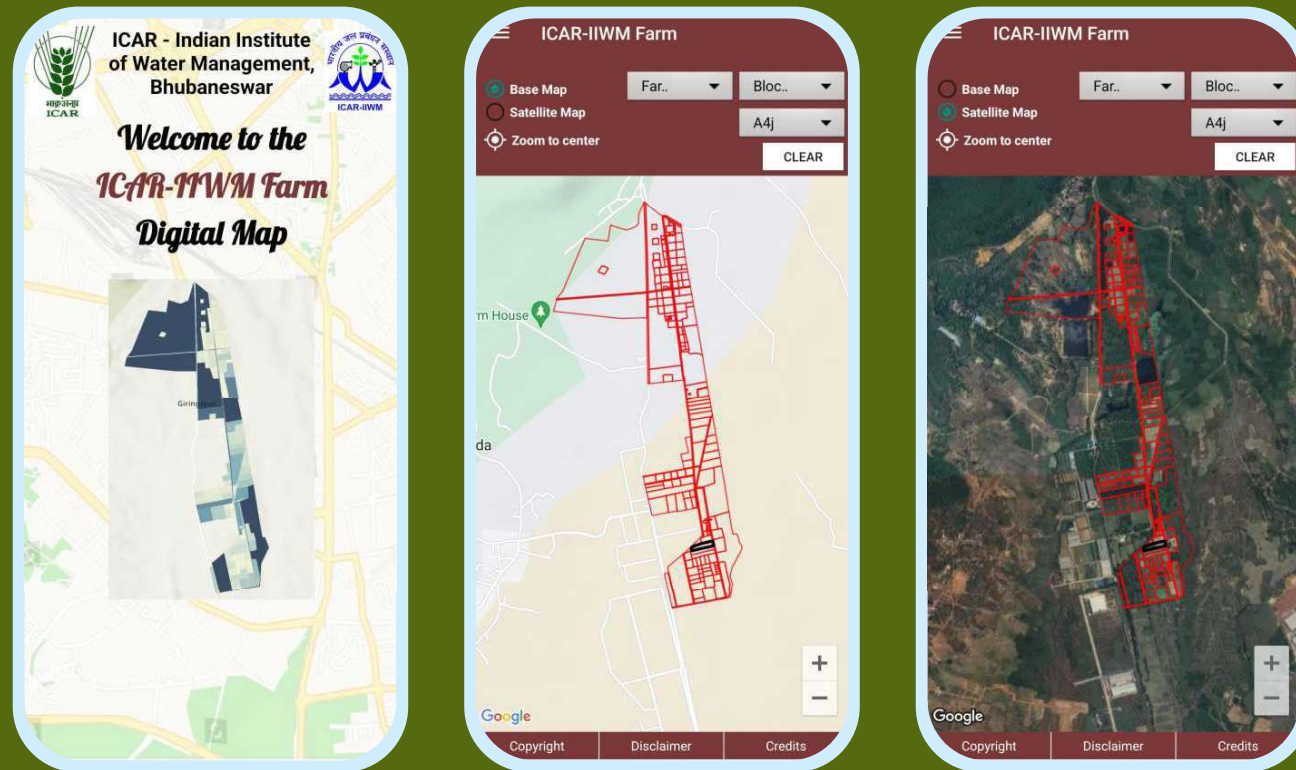


# ICAR-IIWM Geoinformatics-based Farm Management Tool



Android Mobile App for farm management

*Developed by* \_\_\_\_\_

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## RELEVANCE

- A geoinformatics-based farm management application (Mobile App) has been developed that contains information about the ICAR-IJMM research farm located at Mendhasal, Khordha district, Odisha.

## DESCRIPTION

- This app permits users to visualize the individual plots located at the farm along with their relevant information, viz., plot name, area, boundary and road networks, land information, block code, plot code, area, and soil texture, as well as season-wise cropped area.
- Provides plot-wise information on pH, EC, and available N, P, K, SOC, etc. Dropdown facilities for selecting land type and other information are also available.
- This mobile application is compatible with all versions of the Android operating systems, user-friendly, interactive, and has zoom-in and zoom-out functions.

## BENEFITS

- This app is easy to access and helps in the proper planning and management of farm activities, increasing productivity and efficiency.
- Assists in indenting of farm operation and irrigation activities for different experiments by the user.
- It helps in decision-making capabilities and resource optimization.