RAPID AUTOMATED SOIL TESTING WITH AGRONOMY ADVISORY (KRISHI-RASTAA)

Jointly Developed by ICAR-IIRR & KRISHITANTRA

The technology is a testament to the power of collaboration, having been jointly developed by ICAR-IIRR and KrishiTantra. Manufactured by Hi-Media Laboratories and marketed by BhoomiSeva (HCF Tech Services Pvt. Ltd.), this system seamlessly conducts 12 key soil parameter tests in just 30 minutes, providing quick, accurate results directly to farmers and stakeholders through a soil health card on their mobile devices.



N Zn
P B
K Oc
S Ec
Cu pH
Fe Mn

CHEMICAL REAGENTS

Nitrogen-A sachet, Nitrogen-B sachet, Nitrogen-C, Nitrogen-D, Phosphorous, Potassium, Suifur, Mi nutrients-B, Micro-nutrients-B, Micro-nutrients-B Organic Carbon-A, Organic Carbon-B, EC buffer, buffer (4.8.7)

AI AND IOT INTEGRATION

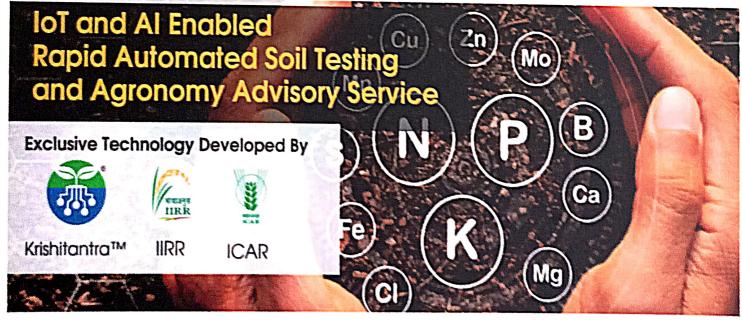
Dedicated tablet enables the following features.

1. Uninterrupted test with more higher bandwigth.

2. Mobile device management system helps to a
better service and real time problem solving.

3. Inbuilt video conferencing facility which helps.

V.E. for regular update training and also adapted
new technologies associated.





भारतीय चावल अनुसंधान संस्थान ICAR-Indian Institute of Rice Research

