

Krishi-RASTAA®

(A joint initiative by ICAR-IIRR & KRISHITANTRA)

RAPID AUTOMATED SOIL TESTING WITH AGRONOMY ADVISORY

A joint initiative by
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SOIL TECHNOLOGY
PLATFORM

KRISHITANTRA
Harvesting Happiness





Krishitantra is a leading soil technology platform that addresses soil health management using cutting edge technologies. With a vision to build soil map of the country and enable farmers with good agricultural practices, we have developed indigenous state-of-art soil testing solutions to provide farmers with deep insights on soil through automated analysis and inbuilt nutrient recommendation. By fostering micro entrepreneurship, we are building capacity to expand soil-testing-as-a-service across all rural locations of India while impacting soil rejuvenation, livelihood generation, improving farmer income, climate resilience, etc., with our technological finesse

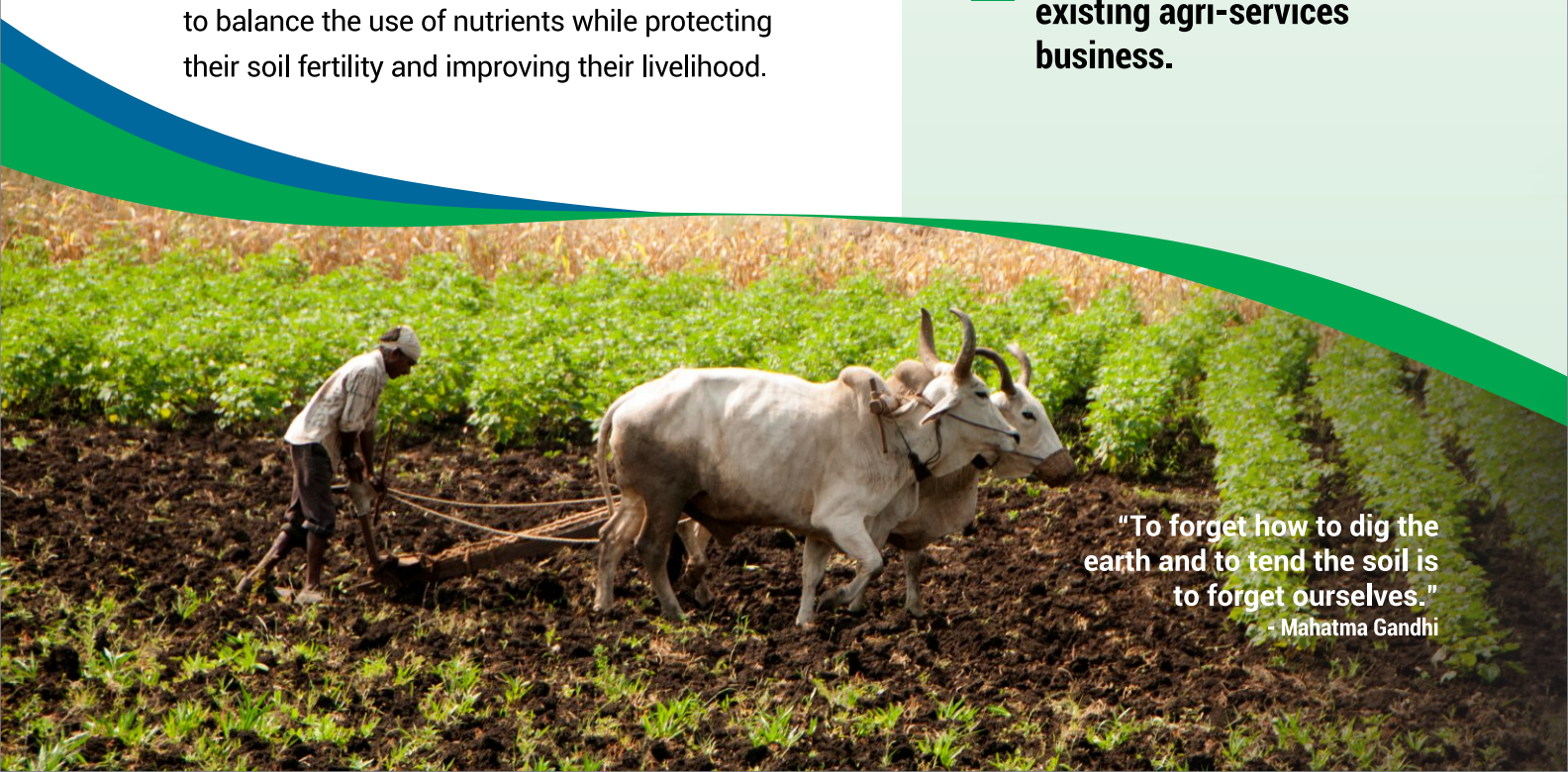
Vision: To design and develop disruptive solutions for the Agri eco-system, which are robust, cost-effective, and easy-to-operate, that enables productivity and profitability of farmers.

Mission: To specialize in "Soil Health Management" enabling and motivating farmers to balance the use of nutrients while protecting their soil fertility and improving their livelihood.



Why Krishitantra?

- ✓ **Access to India's only automated and rapid soil testing solution.**
- ✓ **Easy-to-operate with limited infrastructure.**
- ✓ **Establish soil testing centers at low cost in rural locations.**
- ✓ **Opportunity to include value-added-services for rural population.**
- ✓ **Increase the revenue of your existing agri-services business.**



"To forget how to dig the earth and to tend the soil is to forget ourselves."

- Mahatma Gandhi

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Rapid Automated Soil Testing with Agronomy Advisory

Krishi-RASTAA® - Rapid Automated Soil Testing and Agronomy Advisory, is a portable and reliable way to determine soil quality. Now the farmers can get their soil report instantly with the interpretation of the soil analysis.

Krishi-RASTAA® 's soil testing technology is an automated system that takes soil as input and provides all macro and micronutrients reports within minutes. This system requires no expertise to operate and is portable. The system generates reports and is a cloud-based interpretation.



Krishi-RASTAA® Features:

-  Soil Sampling
-  12 Parameters - Automated Analysis
-  Operate through Mobile App
-  Rapid Test in 30 minutes
-  Soil Test based Nutrients Recommendation
-  Soil Test Report on WhatsApp /SMS
-  Cloud Services and API Integration



SOIL TECHNOLOGY

- Healthy Soil
- Healthy Mind
- Healthy Crop
- Healthy Consumer
- Healthy Environment
- Healthy Nation


Soil Data Company, Capture The Farm Soil Health Information, Optimize The Farm Technology, Sustainable Farm Production, Crop Advisory

Reports





















Fostering Rural Entrepreneurship

Generate exceptional revenue with India's first Automated soil tech solutions.

- ☑ Establish your own state-of-the-art soil testing center
- ☑ Limited Infrastructure
- ☑ Training and Certification
- ☑ Steady Income
- ☑ Marketing Support
 - Digital Banners
 - Website Listing

Soil Health Card 

Test Center	Farmer Details	Sample Information
Name - kt_test_center_2 Address - Unnamed Road, Miraj, Maharashtra 416410, India # klonec00001-20220627-00001	Name - adarsha_test Address - Serilingampalle mandal, Hyderabad, Rangareddy, Telangana, India Mobile - +9*****251	Selected Crop - soybean Plot Size - 10.000 acre Location - 78.37,17.47 SurveyNo - Sampling Date - June 27, 2022 Testing Date - June 27, 2022 at 5:50 PM

<p> pH 6.97 Range: 6.5 - 7.5 Recommendation :</p>	<p> Zinc 0.62 mg/kg Range: > 0.60 Recommendation :</p>	<p>Scale</p> <p>High, Acid, Saline, Highly Alkaline </p> <p>Low (OC,OM) </p> <p>Low, Deficient </p> <p>Medium (OC,OM,mbc) </p> <p>Medium, Neutral, Sufficient, Alkaline, Slightly Acidic </p> <p>High (OC,OM,mbc) </p> <p>Not selected </p>
<p> EC 0.10 dS/m Range: < 1 Recommendation :</p>	<p> Boron 0.16 mg/kg Range: > 0.50 Recommendation : 1.00 kg/ha</p>	
<p> Organic Carbon 0.39 w% Range: 0.50 - 0.75 Recommendation :</p>	<p> MB C Not selected</p>	
<p> Organic Matter 0.67 w% Range: 0.86 - 1.29 Recommendation :</p>	<p> Fungus Not selected</p>	
<p> Nitrogen 241 kg/ha Range: 280 - 560 Recommendation : 30 kg/ha</p>	<p> Bacteria Not selected</p>	
<p> Phosphorus 57.1 kg/ha Range: 22.4 - 56.0 Recommendation : 47.5 kg/ha</p>	<p> F:B Ratio Not selected</p>	
<p> Potassium 305 kg/ha Range: 135 - 336 Recommendation : 40 kg/ha</p>	<p style="text-align: center; background-color: #2c5e8c; color: white; padding: 2px;">Recommendation</p> <p>Soil Conditioner / Amendment FYM / Compost / Manure (Tonne) - 20.2 Gypsum (Kg) - 1011.7</p> <p>Macronutrient Fertilizer (in Kg/Bag) DAP (50) - 8 bags and 18.00 kgs MOP (50) - 5 bags and 20.00 kgs Urea (45) - 2 bags and 12.60 kgs</p> <p>Micronutrient Fertilizer Borax (1) - 36 bags and 790.00 grams</p>	
<p> Sulphur 12.87 mg/kg Range: 10 - 20 Recommendation :</p>		
<p> Copper 0.20 mg/kg Range: > 0.20 Recommendation :</p>		
<p> Iron 4.25 mg/kg Range: > 2.50 Recommendation :</p>		

Disclaimer: Our report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our prior written approval. The fertilizer recommendation shown in this report is for a full season of the selected crop.


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GET YOUR SOIL TESTED TODAY

AUTHORISED CHANNEL PARTNER



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