



# FARMONAUT TECHNOLOGIES PVT. LTD.

CIN: U74999KA2019PTC123728

Mobile No: +91-6366026267

Email: support@farmonaut.com

Address:

No. 82-83-88, Borewell Road,  
Opposite Post Office White Field,  
Bangalore, Karnataka, India, 560066

farmonaut.com



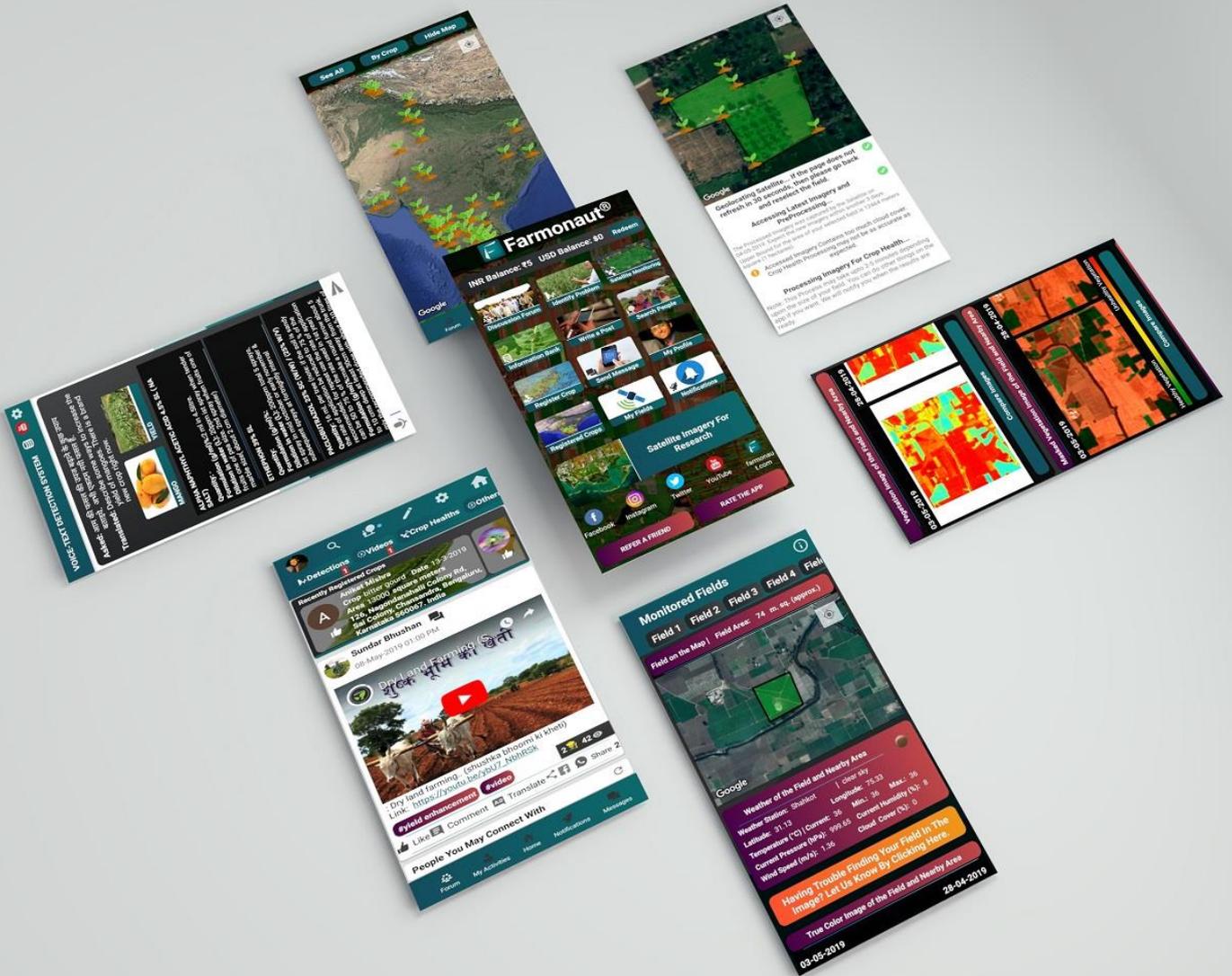
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## Bridging The Technological Gap Between Farmers



Address: Evoma Business Center, Office No: 310-A, #88 Borewell Road, Opposite Whitefield Post Office,  
Whitefield, Bengaluru, Karnataka, Pin: 560066



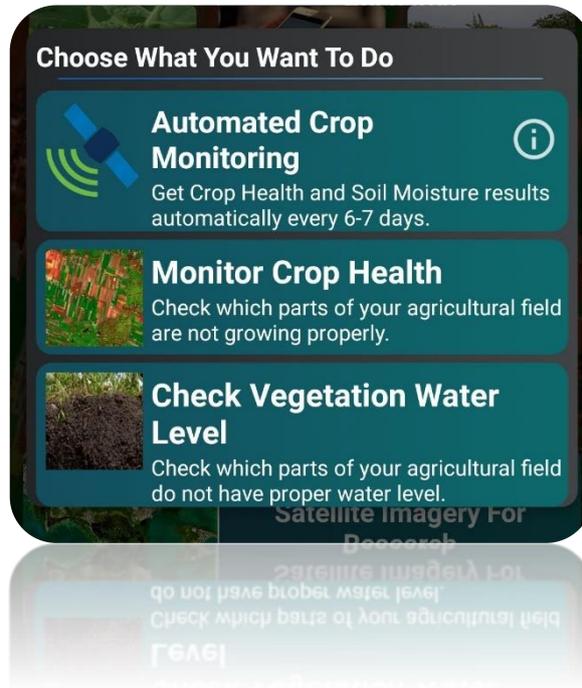
Farmonaut is built upon a vision to bridge the technological gap between farmers and strives to bring state-of-the-art technologies in the hands of each and every farmer. In its current version, Farmonaut comes bundled with the following features.

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# FEATURES

## SATELLITE BASED CROP HEALTH MONITORING

We currently provide three different type of services for the same:



### 1. Crop Health Monitoring

Farmers can select their field and identify the regions of the field at which the crop growth is not normal. Upon identifying that region of their fields, they can simply pay a visit to that part of the field and identify if the problem has already started. If it has not, the farmer can take preventive remedies by applying more fertilizers, plant growth regulators etc. If the problem has already started, they can simply explain their problem to Farmonaut's crop issue identification system and get real-time govt. approved remedies.

### 2. Vegetation Water Level Monitoring

Vegetation cover on the earth's surface undergoes severe stress during a drought. If affected areas are not identified in time, entire crops may be damaged. Hence, the early detection of water stress can prevent many of the negative impacts on crops. Vegetation Water Level Imagery provided by Farmonaut can help control irrigation, significantly improving agriculture, especially in areas where meeting the need for water is difficult.

### 3. Automated Crop Monitoring



Using automated crop monitoring service, farmers will automatically receive a. crop health report and b. vegetation water level report from latest satellite imagery every 6-7 days. They will also be updated with near real-time weather report of their field from the nearest weather station. They can put multiple fields for monitoring from their profile as well.

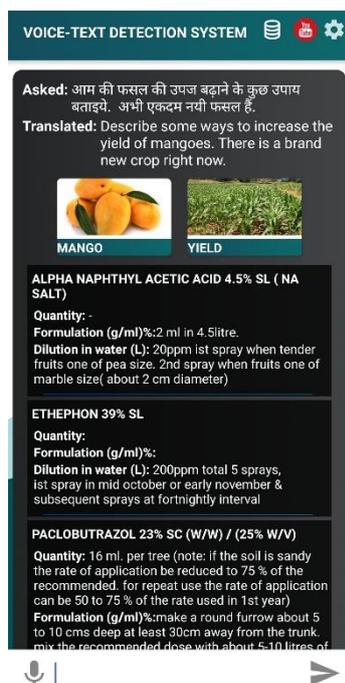
The satellite imagery is updated every 5-7 days and has a resolution of 10 meters which is 2 times better than google maps in rural India.

## SATELLITE IMAGERY ACCESS (FOR RESEARCH PURPOSES – NON FARMING)



Access to Latest and Historical Satellite Imagery ranging from 13 different bands in visible and non-visible spectrum as well as 7 more Farmonaut's own processed imagery types from anywhere around the world. The imagery can be accessed through our android app or through our website.

## VOICE & TEXT BASED PLANT ISSUE IDENTIFICATION



Farmonaut can detect 100+ crops and can identify 300+ different issues in the crop just by your voice explanation of the problem. Farmonaut not only identifies the issues, but also provides solutions approved by:

Government of India, Ministry of Agriculture & Farmers Welfare, Department of Agriculture, Cooperation & Farmers Welfare, Central Insecticide Board & Registration Committee, Directorate of Plant Protection, Quarantine & Storage.

However, we suggest you to consult your local authorities first if you are not located in India. The usage guidelines may be different for different countries

## 50 + SUPPORTED LANGUAGES

Language is not a barrier for Farmonaut as it supports more than 50 languages. You can select different languages for app, speech detection and translation.

## FARMONAUT DATABASE

Farmonaut database is a result of rigorous research and contains details for 100+ crops, 300+ issues, and 150+ chemicals (pesticides, insecticides, plant growth regulators etc.).

## FARMONAUT DISCUSSION FORUM

At times when Farmonaut detection system is unable to identify the issue, you can post your problem onto Farmonaut Discussion Forum. As the community grows, your issue will be resolved quickly! You can also share images, videos, links etc. on the discussion forum. Farmonaut brings farmers around the world close as anyone can connect with anyone with no language barrier in place.



## CROP REGISTRATION SYSTEM



Every year, so many farmers are not able to sell their produce at a good price, because they do not know quantity of the same crop produced in their region. If everyone is sowing the same crop, then the surplus supply will decrease the regional price. Using the crop registration system, farmers can share what crops they are producing in their region. This data can be verified only by people in their vicinity. With this information available publicly to the community, farmers can change and modify their crop sowing strategy.

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