



# ADVANCED FARMING DRONE AND SOIL RECOMENDATION/ANAYSIS SYSTEM

EARLY DISEASE  
DETECTION

OPTIMIZED YIELD  
RECOMEDATION



THE MOST COST-EFFECTIVE  
CUSTOM AI-POWERED DRONE  
TAILORED SPECIFICALLY FOR  
RUNNING HEAVY AI MODELS IN  
OUR PROJECT.

OUR NEXT-GEN SOIL  
MONITORING  
SOLUTION, WITH AI  
RECOMENDATIONS

## IMPACT CREATED

### FEATURES

AI analyzes images to distinguish between healthy and unhealthy crops and provides a ratio of their distribution.

Gives Approximated profit of farmer based on prediction of crop price of previous years.

Preservation of Soil Health

Customized Treatment Recommendations

Optimized Resource Use, by recommending the best fertilizers , irrigation and crop that should be planted there.



# PROBLEMS FACED BY FARMERS IN MANAGING AND MONITORING THEIR LAND



**Late insight of  
diseases spread**



**Reduced profit**



**Improper  
monitoring of land**



**improper resource  
use of land by using  
bad chemicals**



**Harmful  
fertilizers  
use**



**Toxic Soil**

## How we are integrating AI in this problem?

**Argonaut leverages cutting-edge technology and AI(data,CV)-driven solutions to optimize farm operations, improve crop yields, and enhance earlier knowledge in mind farmer about crop disease spread. From automated drone mapping the farm systems to crop recommendation and profit prediction and recommending the best biochemical, we embrace innovation to drive agricultural excellence.**