



PHENOTYPING SURVEY SYSTEM

Phenotyping Survey System



Detecting Various Crops and Anomalies

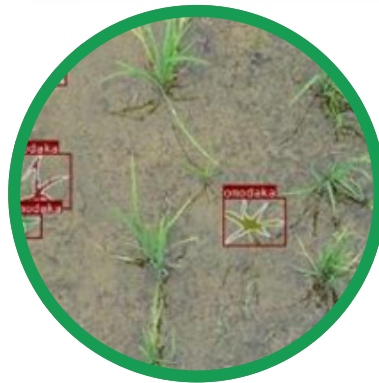
Crop analysis with visual-level accuracy

Detect diseases, weeds, variant strains and other anomalies with visual-level accuracy using our proximal drone sensing technology and Image analysis AI. Streamline farm inspections and testing tasks.



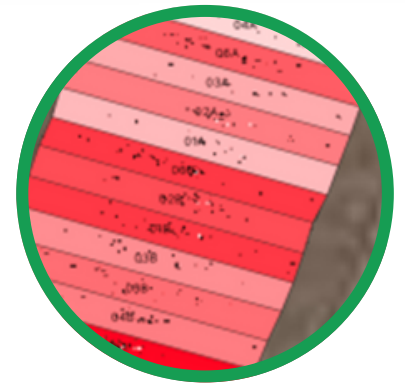
Proximal Sensing

Automatically generate the drone's flight route for proximal sensing to capture images of a human-eye level.



Phenotyping AI

Detect various diseases, weeds, and variant strains by phenotyping AI. Specific detection AI can be developed upon requests



Object Mapping

Results aggregation by each test field and section with "cm" level accuracy



For More Information
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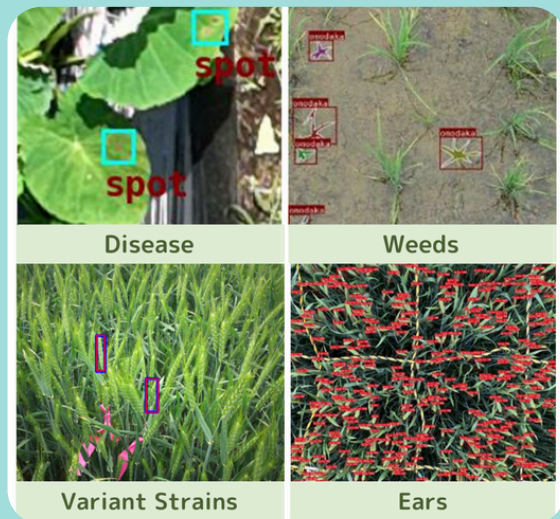
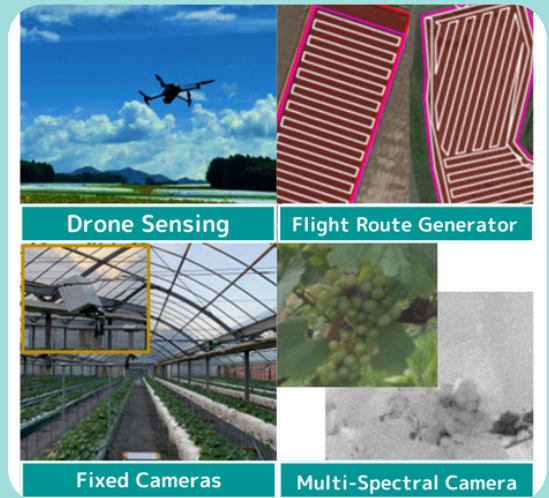
SYSTEM OVERVIEW

PHENOTYPING SURVEY SYSTEM

01

Crop Sensing

- High-Precision proximal sensing
- Various sensing equipment tailored to objectives and environment



02

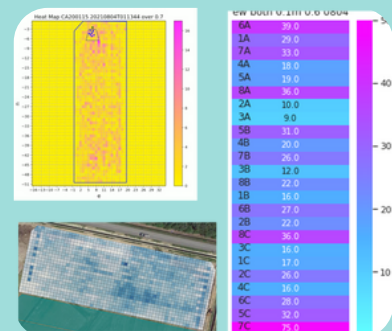
Phenotyping AI

- Detect diseases, pest damages, weeds and variant strains
- Adaptable to various crops and diseases

03

Object Mapping

- Aggregate the results by field and sections
- "cm" level location accuracy by utilizing RTK



Fields of system implementation



Breeding, Seed production



Pesticide Evaluation



Growth Analysis