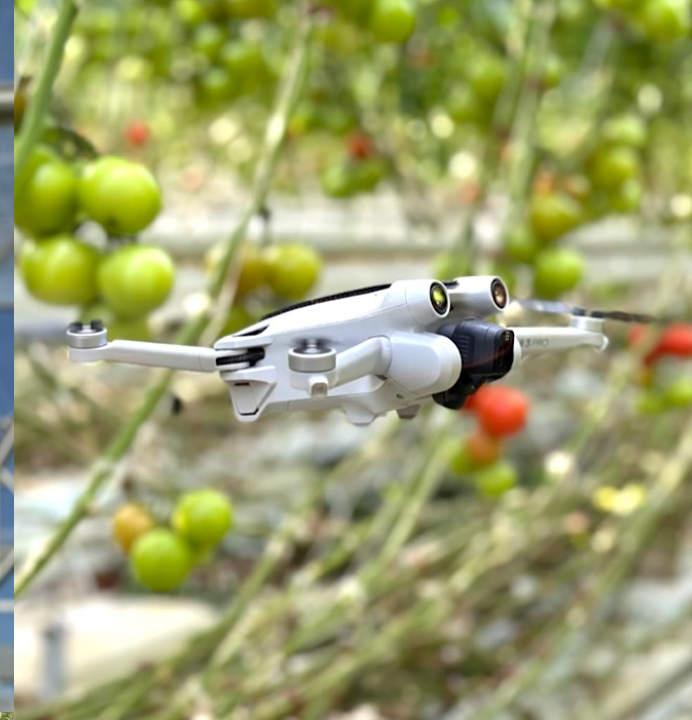


Yield forecasting and autonomous
pollination with micro-drones and AI



Our service enhances productivity across the value chain.

Features



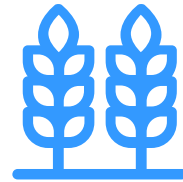
Precision
pollination



Yield
measurement



Seed
companies



Greenhouse
growers

Crops



Tomato



Strawberry



Our 3 technology pillars differentiate us.



Contactless pollination
method



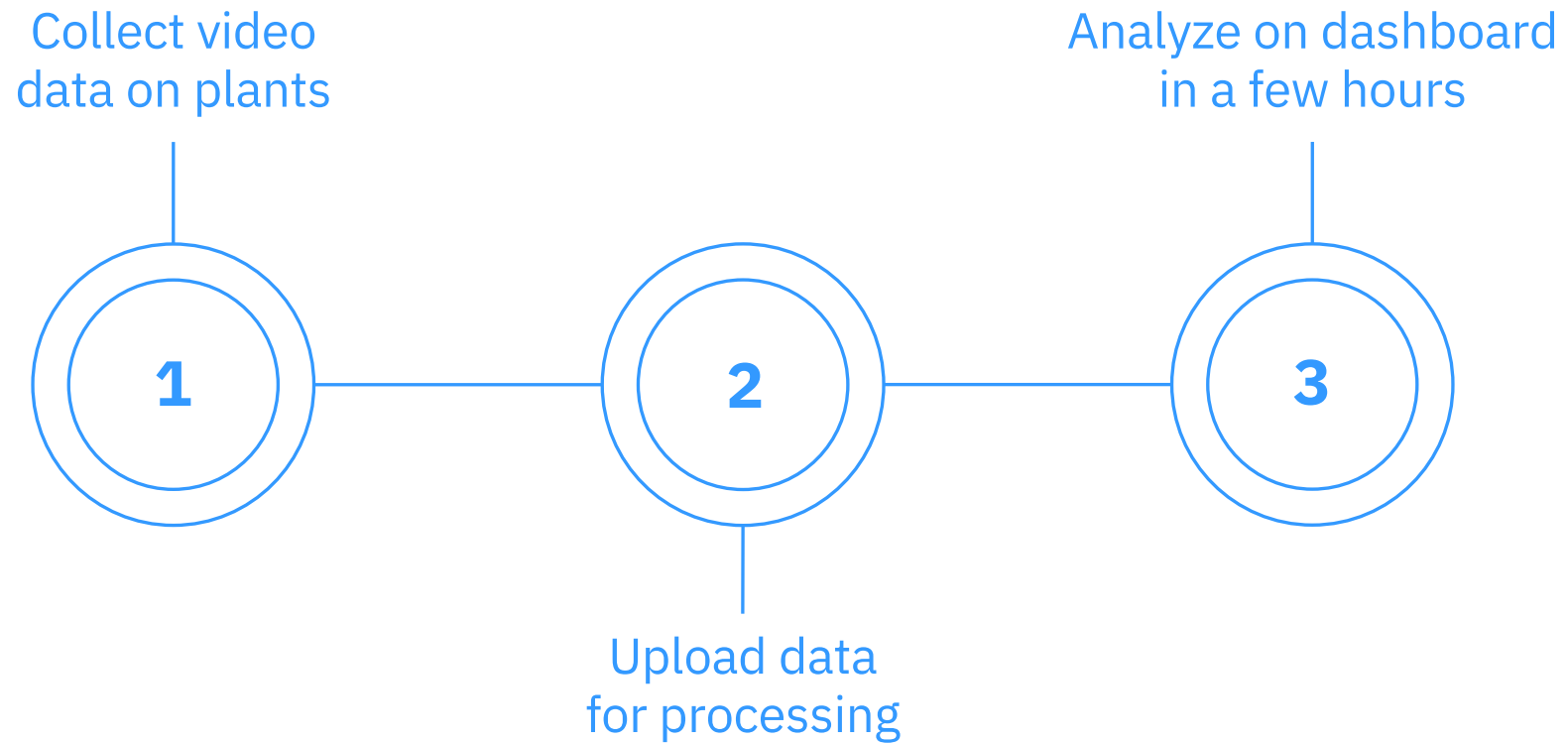
Autonomous navigation
for off-the-shelf drones



AI pipeline: 3D digital
twin of plants



Yield measurement in 3 simple steps



Collecting data with Phenobee

<5 mins

Time taken to collect data per row

20,000+

No. of data points collected per row





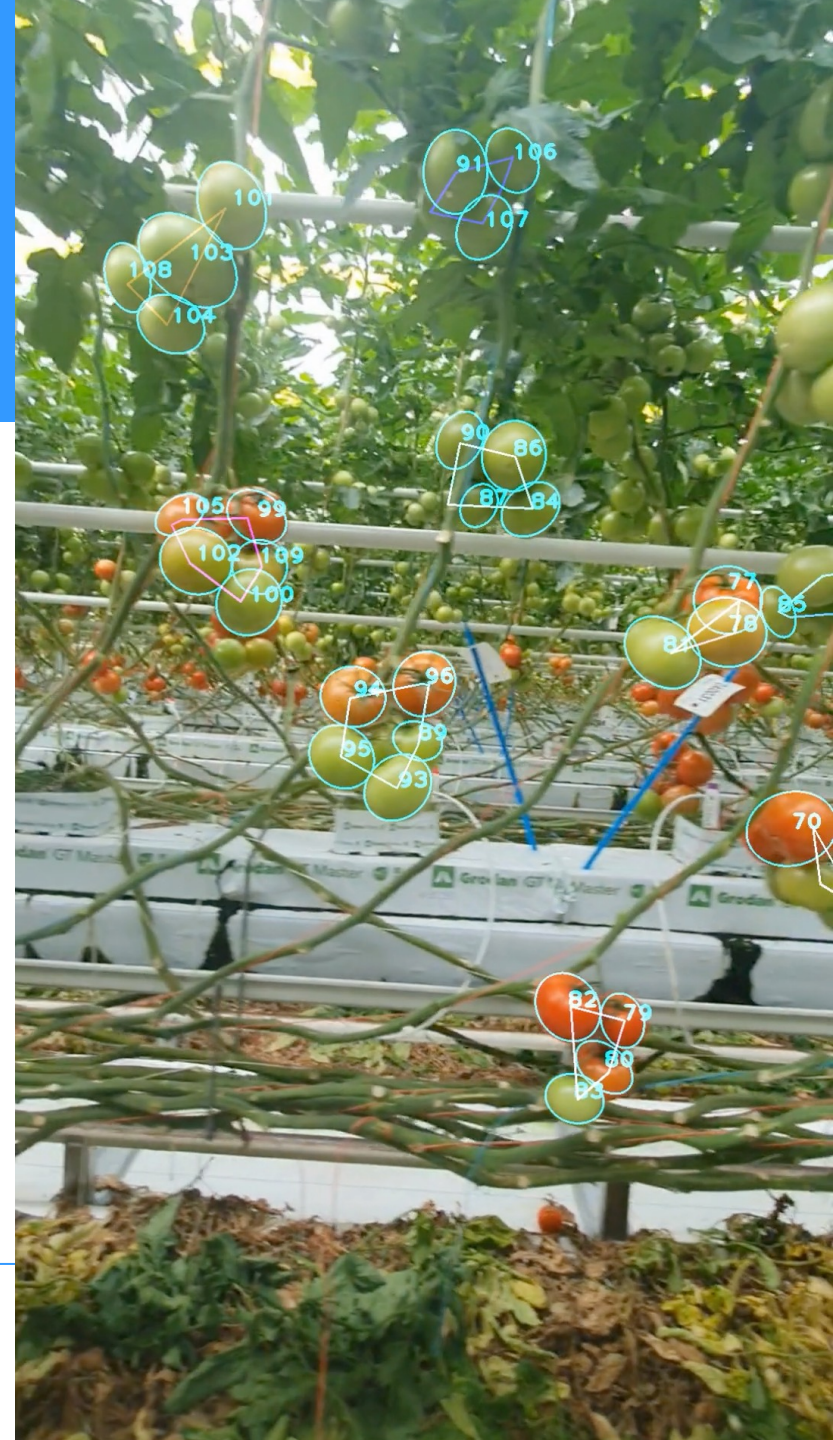
Yield forecasting: autonomous data collection in pilot stage

Digitalize yield data at scale.

- Fruit count
- Fruit dimensions
- Fruit ripeness
- Cluster count
- Fruits per cluster
- Cluster harvest readiness

Digital phenotyping

Yield forecasting



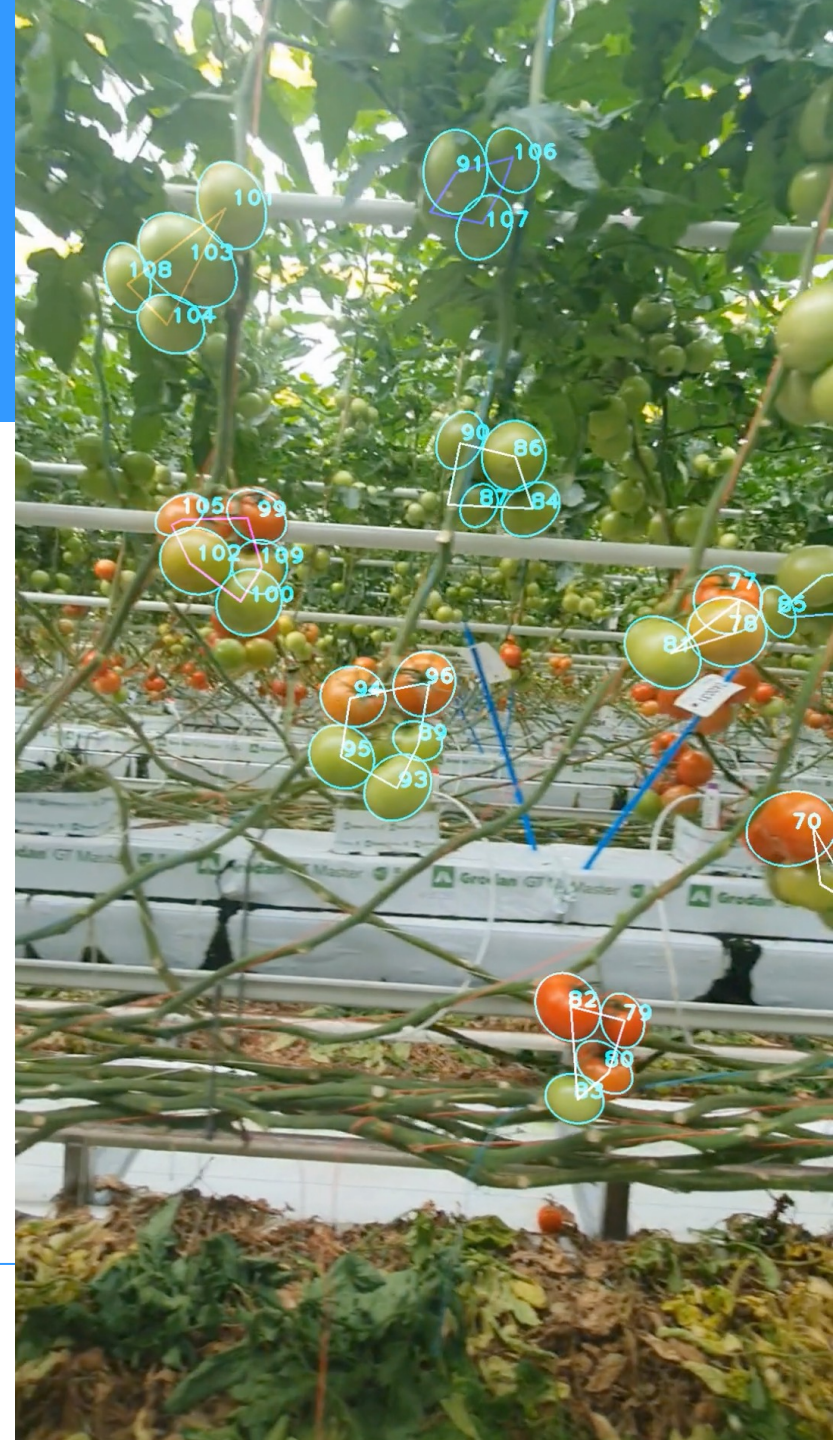
Our service is trusted by breeders.

> 98%

Accuracy of fruit and cluster count

< 3 mm

Error in any dimension measurement





Pollination: ridiculously easy to deploy



Seamless integration into greenhouse operations

It's time to look beyond natural pollinators.



De-risk disease transmission
with contactless pollination.



Improve margins with
consistent pollination in all
weather conditions.



Enhance accuracy of long-
term yield forecasts.



A digital ecosystem will compound the value of data.

Plant stress

NIR, thermal imaging

Pollination

Autonomous drones

Growth

Flowering, stem and leaf analytics

Yield

Fruit, cluster analytics



We're backed by premier institutions.



Siddharth Jadhav

CEO, Founder
Ex-scientist,
National University of
Singapore



Pankaj Malik

VP, Operations
Ex-Enza Zaden, Bayer,
Monsanto



We're a global service provider.

