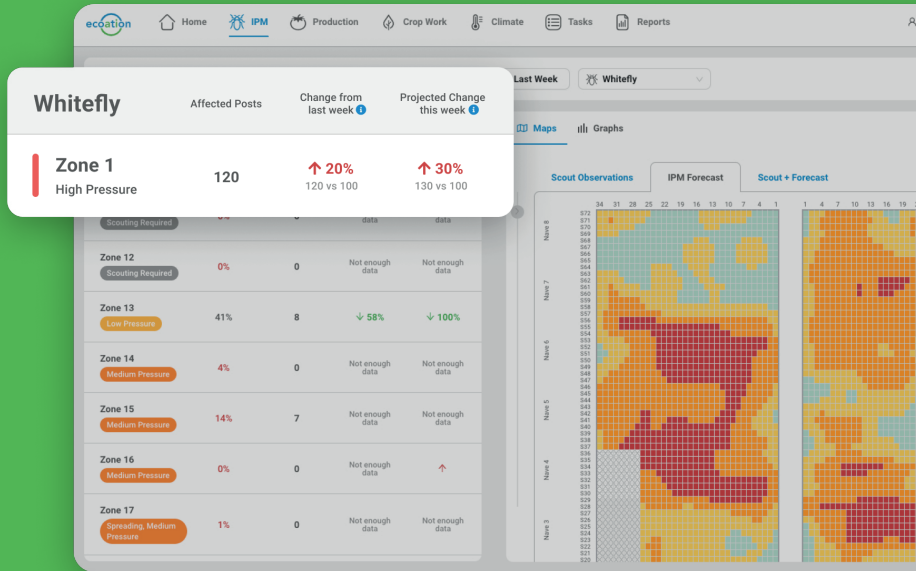




# The Greenhouse Platform for the Modern Grower



Ecoation is the most comprehensive AI Driven yield and IPM forecasting solution in the hands of modern greenhouse growers today.

Our IPM module allows growers to quickly respond to pest outbreaks, reducing the negative impact on their crops and maximizing yields.



## Why should I digitize my IPM?

The pen-and-paper approach to IPM quickly runs into scalability issues in commercial greenhouses. IPM Digitization reduces administrative costs, improves data quality, and improves time-to-act once a pest has been identified. OKO further automatizes the digitizing process through Geo Awareness, automatically capturing the exact location of scouts in the greenhouse, making their work easier and faster.



### Save money

Lower treatment and application costs by being proactive.



### Real-time insights

Right at the touch of your finger, you receive actionable intel giving you peace of mind.



### IPM Forecast

Use forecast for projecting future outbreaks and issues.



### Reduce Crop loss

Prevent outbreaks and minimize the impact on production due to pest, disease, and spray.

## What is OKO?

OKO is an industrial-grade robot built for greenhouses. OKO is equipped with environment sensors, and a 360° 8K machine vision camera that is used to collect, analyze, and live process data from rows of plants.

A large LCD screen with an intuitive interface, supported by multiple languages, is used to capture data observed by the scout on the OKO. The robot is operated by Greenhouse scouts to help perform IPM and collect Yield Forecasting data.

The OKO processes the data with its supercomputer and uploads the results to a cloud platform and enables growers and managers to get real-time data and analytics from their plants.

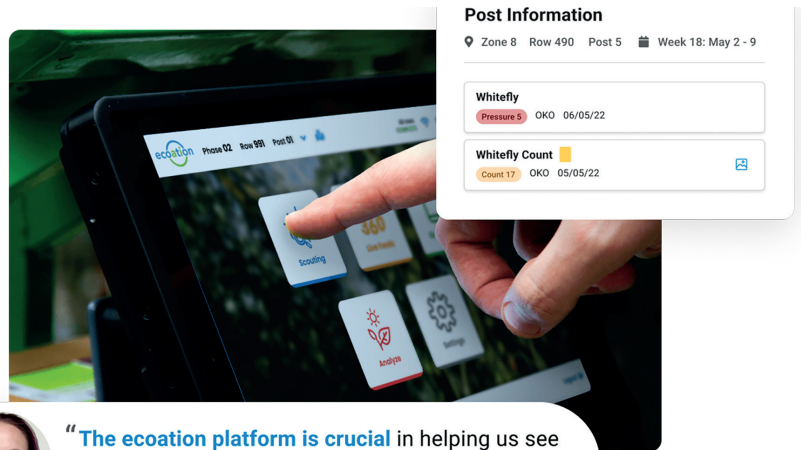
## What infrastructure is needed to support OKOs?

OKOs are only designed to work in a high-tech Greenhouse. They require a fast, consistent and broadband internet connection with WiFi coverage on the walkway of the greenhouse.

OKOs also need pipe rails to move from post to post.

## What carts are compatible with OKOs?

- Berg BENOMIC Star
- Berkvens Control Lift 3000
- Bogaerts Qii-Lift H-350 & Z-350
- Metazt M-Service.



**"The ecoation platform is crucial** in helping us see the data we needed to make informed decisions."

Michelle Montgomery, Head Grower @ Golden Acre Farms

## How does automatic location tracking work with OKO?

Using the RFID mapping system, the OKO knows its exact location in the greenhouse, and it maps all the data with the location information automatically.

RFID tags are small chips that are read wirelessly by machines – e.g. the chips used in bank cards to make contactless payments. When we configure your farm, we will install RFID tags in your Greenhouse.

These tags are automatically read by OKOs to determine their exact location.

## Who owns the Greenhouse Data collected by OKO?

You own all of the data collected and stored by OKO and ecoation from your Greenhouse. You have complete control and access to the collected data through our interface.

