



Revolutionize your Harvest:

The Ultimate Yield Forecasting Platform for Modern Growers!

Short-Term Forecast

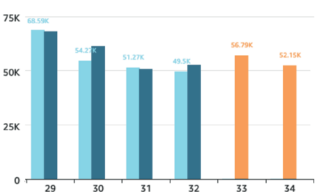
Week 32: Aug 10 - Aug 17

Cultivar	Forecast
Beefsteak	51,000 kg
Roma	30,000 kg
Grape	18,000 kg

Harvest and Forecast (kg)

Last 6 Months

Harvest Short-Term Forecast Long-Term Forecast



The ecoation forecasting platform makes it easy to assess your crops and estimate your yield.

This helps growers secure the best prices at the market. With this platform, you can forecast yields with **precision**, so you know how much product to harvest and when.

How does Yield Forecasting work with OKO?

OKO provides an accurate view of the harvest, which can be used for sales forecasting and decision-making. When driven down a row of plants, OKO automatically captures and analyzes images of the greenhouse.

The data automatically gets processed by our on-device supercomputer and GPU. The result is highly accurate and available in real-time to decision-makers.

Forecasting data can be used to plan and optimize labour, forecast sales, and secure better prices in the market.



Meet Contract Obligations

Accurately forecast yields to fulfill retailer contracts and avoid penalties



Streamline Labor Management

Schedule labor and logistics efficiently to meet harvest demand and reduce costs.



Improve ROI

Compare our weekly Forecasts against traditional forecasts to see clear ROI gains.



Maximize Profitability

Secure better prices for your production with advance forecasting and improve overall income.



Improve Financial Planning

Predict cash flow and gain visibility into income to effectively manage your operation.





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 to enable growers and managers to get real-time data and analytics from their plants.

What crops can OKO forecast?

The Yield Forecasting module currently works with Tomatoes and Bell Peppers.

How is data captured and transferred?

OKO's 360° 8K machine vision camera and yield forecasting AI model running on the machine supercomputer, work together to capture and process precise yield forecasting data.

The results are transmitted to the cloud via the greenhouse's WiFi network, making a fast and stable connection crucial for optimal performance

Why is OKO's AI more useful than traditional forecasting techniques?

OKO's AI is more useful because it samples more plants per acre than traditional techniques, providing farmers with a more accurate forecast.

This helps farmers optimize yields, reduce risks, and maximize profits.

How much ROI can I expect from OKO Forecasting?

OKO's forecasting capabilities have been rigorously tested across more than 20 cultivars of tomatoes and green peppers, with minimal deviation between the forecasts and actual harvests.

Leveraging machine learning algorithms, OKO's forecasting accuracy improves with time, resulting in increasingly precise results from season to season.

Importantly, OKO's AI has consistently outperformed traditional grower forecasts, proving its ability to provide highly granular and accurate predictions for a wide range of greenhouse productions.

What is the accuracy of OKO Forecasting?

OKO's forecasting accuracy has been demonstrated across more than 20 tomato and pepper cultivars, with consistent outperformance or at par with top-grower forecasts. Its use of machine learning algorithms and granular data sources allows for increasingly precise predictions season after season.