



PestTrap

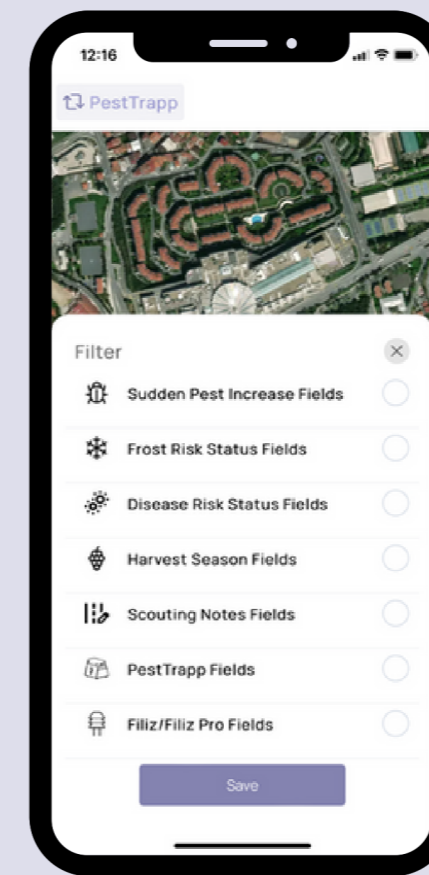
DIGITAL PEST TRACKING STATION



WHAT IS PESTTRAP?

PestTrap is an IoT pest-tracking station that utilizes machine learning to identify and count pests in real-time accurately. It is suitable for use in fields, orchards, greenhouses, warehouses, and forests.

With a sticky paper and integrated camera, PestTrap captures daily images and accurately identifies pest types. Integrated with the IoTrack mobile application, PestTrap enables effortless remote tracking and sends notifications when pest levels reach a risk threshold.



BENEFITS

● GET TO KNOW PESTS UP CLOSE

Receive high-resolution images with PestTrap's 5MP camera and adjust the image frequency and timing options for more precise monitoring.

● EARLY WARNINGS, QUICK ACTIONS

View pest species distribution and 48-hour spraying suitability assessments to take timely actions that reduce the economic impact of pests and optimize yields.

● SOLAR PANEL ENERGY GENERATION

PestTrap generates energy through integrated solar panels, operating wirelessly without external power.

● MACHINE LEARNING

PestTrap's machine learning algorithm recognizes region-specific pests, tracks their developmental cycle, and learns to identify new pests within two weeks accurately/

● SMART MONITORING

Stay informed and in control with the IoTrack app. Track your device, receive theft and topple alerts via the built-in GPS, monitor battery level and charge status in real time.

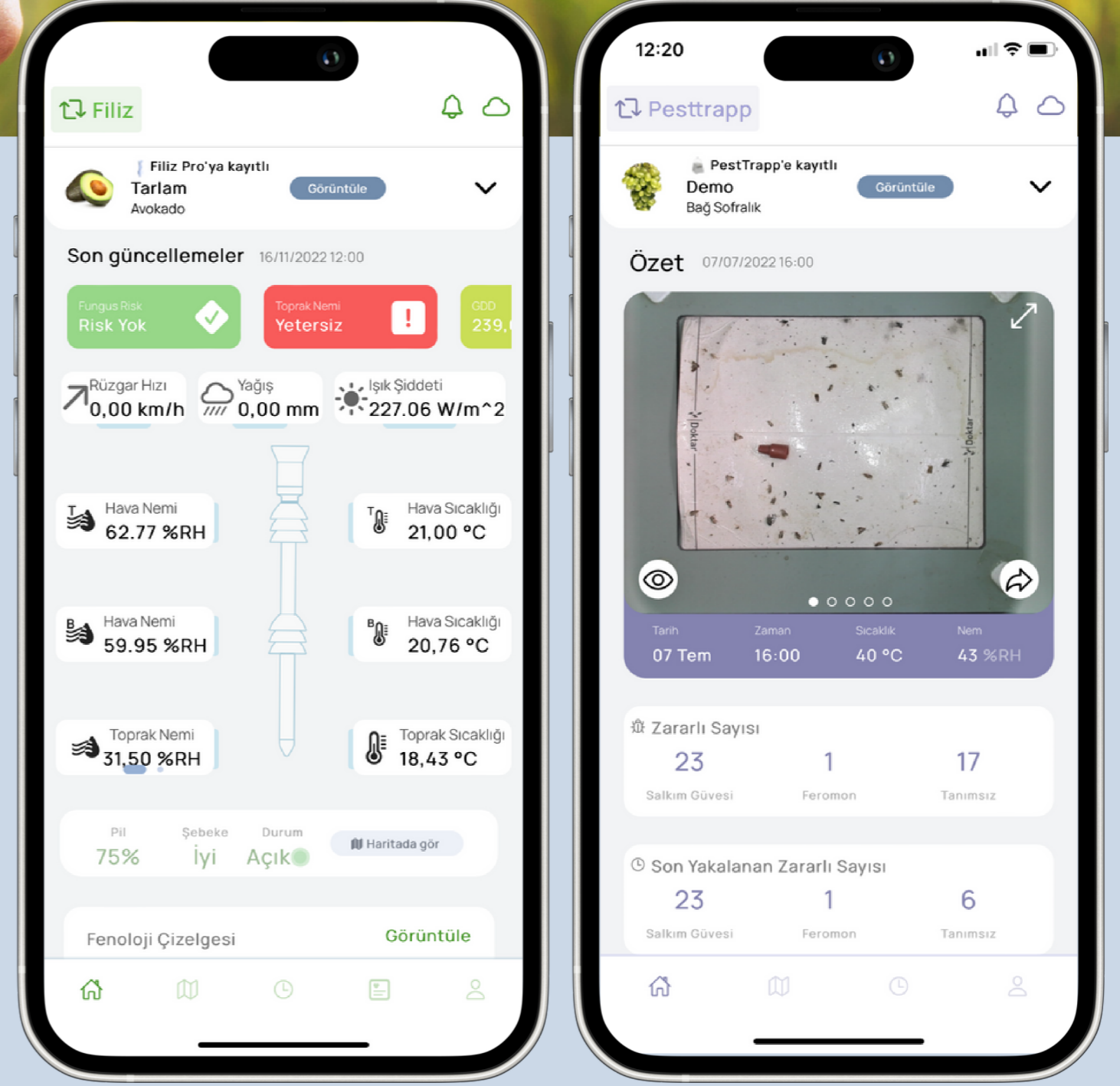
● LOW COST PRECISION FARMING

PestTrap reduces pest control costs and increases productivity by detecting pests in advance.

WHAT IS IOTRACK?

IoTrack is a mobile application that enables the management of the Filiz Agricultural Sensor Station and PestTrap Digital Pest Tracking Station from a single platform.

Users can track their data flow and receive instant notifications from IoT-enabled devices, allowing them to make informed decisions and enhance efficiency.



BENEFITS

● ALL-IN-ONE APPLICATION

Manage all your Filiz and PestTrap devices on a single app. View all critical data on your homepage and spot problems right away.

● YOUR FIELD IS ALWAYS WITH YOU

Track agroclimate data and pest activity remotely from IoTrack, wherever you are. Stay informed about the developments in your field at any time with instant notifications.

● EFFICIENT DATA ANALYSIS

Analyze historical data on a graph, download, and share in Excel format with the export feature.

● ANTI-DISEASE AND PEST

Stay vigilant against disease risks, and beware of present pest types and population density to take timely interventions.

● 24/7 EXPERT SUPPORT

Maximize your IoTrack experience by consulting Doktor's agricultural engineers and agronomists for assistance with your devices, data, or agriculture-related questions.

● RECORD, NOT REMEMBER

With the discovery notes feature, mark the trouble spots in your field on the map and take notes.