

PESTTRAP

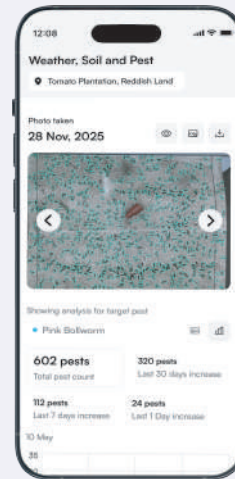
DIGITAL PEST TRACKING STATION



PestTrap is a digital pest-tracking station that combines AI and IoT to help you detect and track pest populations in fields, orchards and greenhouses.

Using pheromones or color attraction, pests are captured on sticky paper. Each photo is then analyzed by our AI engine, which identifies species and measures population levels with exceptional precision. PestTrap connects directly to the Doktor App, providing you with real-time insights and early warnings that enable producers to take immediate action against sudden pest increases. These insights come with actionable recommendations you can access wherever you are.

With automated detection and paper replacement, PestTrap reduces field visits, cuts pesticide costs, and improves crop quality through smarter, timely pest management.



AI-Powered Pest Detection

- Trained on 30,000+ images of 500,000+ pests, our AI delivers high accuracy, even for challenging pests like aphids, thrips and white flies.
- AI quality system reviews images for blur, dirt, and glare, ensuring reliable results. Runs flexibly on-trap (edge) or cloud.
- Experts and AI monitor results, retraining models to continuously improve and adapt to your field.

01

Enhanced Device Experience

- Ready to use after easy installation with its wireless and antenna-free design.
- Requires minimum intervention by using its integrated solar panel to generate and save energy.
- Offers automatic paper change via application or by pressing the button on the device.

02

Automated Paper Change Technology

- Detects when the sticky paper is full through AI algorithms and changes it.
- Detects paper dirtiness similarly and changes it.
- Integrated sticky paper roll with 20 sheets can be used for at least 3 seasons.

03

Automatic Pest Identification and Instant Alerts

- Gives early warnings for sudden increases in the pest population, paper dirtiness and fullness.
- Recognizes flying creatures that do not harm plants.
- Recommends the most suitable spraying times with temperature and humidity measurements and supports planning.

04





FEATURE	STANDARD	PRO	AIR
Field Installation	Easy Installation	Easy Installation	Easy Installation
Setup & Connection	Not-Required	Not-Required	Not-Required
Camera	5 or 12 MP	5 or 12 MP	5 or 12 MP
Material Quality	High	High	High
Integrated Solar Panel	+	+	+
AI-Based Pest Type Recognition	+	+	+
AI-Based Pest Counting	+	+	+
Pest Population Increase Alerts	+	+	+
Non-Pest Flier Recognition	+	+	+
AI-Based Paper Fullness Detection	+	+	+
AI-Based Paper Dirtiness Detection	+	+	+
Integrated Sticky Paper Roll	-	+	-
Automated Sticky Paper Change	-	+	-
Air Temperature	+	+	+
Relative Humidity	+	+	+
Suitable Spraying Times	+	+	+
Notifications & Alerts	+	+	+
Data Access & Management	Doktar App Web & Mobile	Doktar App Web & Mobile	Doktar App Web & Mobile



Pesttrap Air

Pesttrap Standard

Pesttrap Pro

Pesttrap Storage