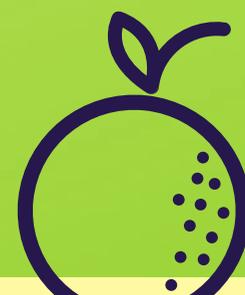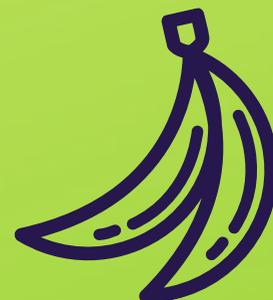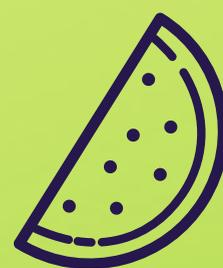# AGROROBOTICA

SPYFLY TRAP

Your partner in precision agriculture

SPYFLY - THE ROBOTIC TRAP FOR PESTS MONITORING

AGROROBOTICA

SPYFLY

Each SpyFly autonomously acquires and transmits at fixed intervals not only information on the presence of insects but also on the type, number and their evolution over time.

SpyFly is an innovative pest monitoring tool.

Each SpyFly autonomously acquires and transmits at fixed intervals not only information on the presence of insects but also on the type, number and their evolution over time.

SpyFly attracts and captures pests through sexual pheromone calls, recognizes them through recognition algorithms and sends real-time alert messages to the farmer.

Thanks to the network connection, crop monitoring is carried out directly through an application accessible from your smartphone.

The Artificial Intelligence integrated into each SpyFly analyzes the environmental data collected in the field, combining them with the catch data, and elaborates forecast models able to alert the farmer in advance to the ideal conditions for the presence of harmful insects.

The current climate changes and the greater sensitivity of consumers to sustainable agriculture make SpyFly an indispensable tool for the farmer of the new millennium.

![AGROROBOTICA logo]

SPYFLY

Each SpyFly is independently powered by solar panels and also works as a weather station allowing you to have information on the evolution of insects with respect to the weather conditions detected.

All the relevant data are accessible through an App that can be managed by your Smartphone, reducing the presence of the farmer in the field.

Once the user and the SpyFly have been registered, it is possible to monitor your farm in real time and remotely.

Thanks to the SpyFly technology, the farmer is able to act promptly and selectively in the event of an attack, reducing the costs associated with the loss of production and intervention.

Thanks to its innovative features, SpyFly has won the prestigious SMAU 2018 Innovation Award in Italy.

SPYFLY

Simple and intuitive set up

During the registration phase it is possible to select the harmful insect you want to monitor and set up custom alarms so as to receive alerts on the presence of pests and assess the risk of attack by carefully planning the need for action.
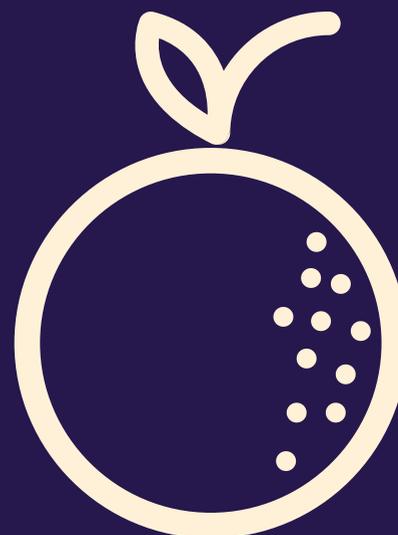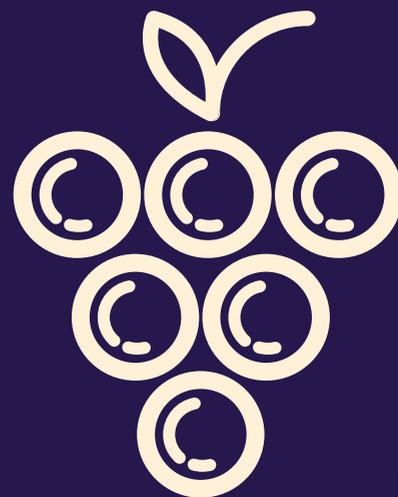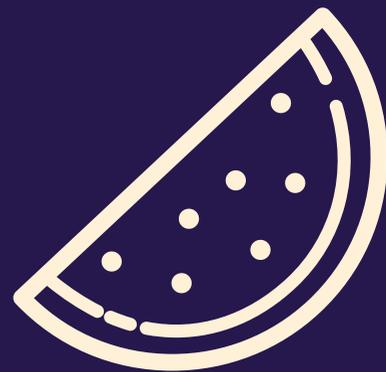
Automatic alert messages

SpyFly independently alerts the farmer when the pheromone or adhesive paper needs to be replaced.

The artificial intelligence of the trap also warns the farmer if there are connection problems or if the camera lens needs to be cleaned.

DANGEROUS INSECTS

Agrorobotica has started the training phase of the recognition algorithms on Bactrocera Oleae (olive fly) and Lobesia Botrana (vine moth), two insects that affect two iconic Italian crops: the olive tree and the vine.

CONTACTS

AGROROBOTICA, YOUR PARTNER IN PRECISION AGRICULTURE

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