



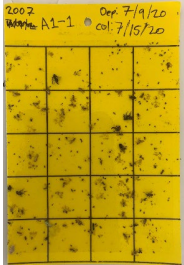
# BIODATARIUM

WE AUTOMATICALLY IDENTIFY AGRICULTURAL INSECT PESTS TO FACILITATE MONITORING IN CROPS

## Problem

Pest monitoring in agriculture requires costly and time-consuming manual processing of traps to detect insect pests

- Inaccurate pest monitoring leads to unnecessary and wasteful pesticide applications



## Market

Who purchases pest management traps? Crop consultants in:

- Government agencies
- AgChem / AgTech companies
- Researchers
- Ag regulatory agencies
- Crop commodity co-ops

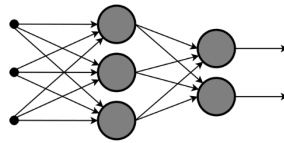
## Automated pest monitoring in agriculture:

- CAGR 8%
- Incremental growth by 2024: \$82M

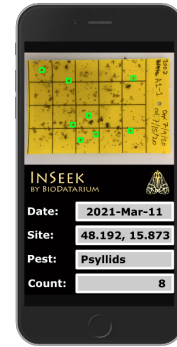


User takes picture of trap

## The Solution



Machine learning models recognize specific insect pests



mobile application displays analysis result

Facilitate pest monitoring in agriculture using machine learning

## Traction

Where we are

- ✓ Customer interviews
- ✓ Technology PoC
- ✓ Partner with AGES and LK for field data collection
- ✓ 100% self funded

## Competition

“Smart trap” manufacturers

- ✓ Fully automated solutions
- ✓ Expensive, proprietary hardware
- ✓ World-wide market, multi-segment



## Funding

What we need

- ✓ €200.000 seed funding
- ✓ Business / marketing co-founder
- ✓ Hire technicians and engineer

## USP

- ✓ 10+ year experience in pest monitoring and machine learning
- ✓ Development and patent of tech applications
- ✓ International network

## Business model

What we offer

- ✓ Mobile application
- ✓ Annual per-pest subscription
- ✓ Customizable services

## Marketing

- ✓ Key partnerships through product development
- ✓ On-site conferences on plant protection and entomology

## BIODATARIUM

Projektbranche: IKT

Kundenfokus: B2B

Gründungsdatum: 06.10.2020

GründerInnen:

Dalila Rendon

EwaldENZINGER

Email:

Dalila.rendon@biodatarium.com

Website:

www.biodatarium.com

powered by INITS



Dalila Rendon, PhD  
CEO, Head of R&D



EwaldENZINGER, PhD  
CTO