



**Beneficial insects,  
now made on your farm.**

# about

## PROBLEM

Beneficial insects are **expensive**, and often **arrive in poor health**  
→ poor pest suppression

## SOLUTION

Omma creates **smart systems** to simplify insect rearing **on farms**,  
starting with **Orius + Lacewings**.

## BENEFIT

-  Instant access to **fresh insects** (up to 10x more effective)
-  Significant **cost savings**

# pesticides today: less available + less effective

## Regulations



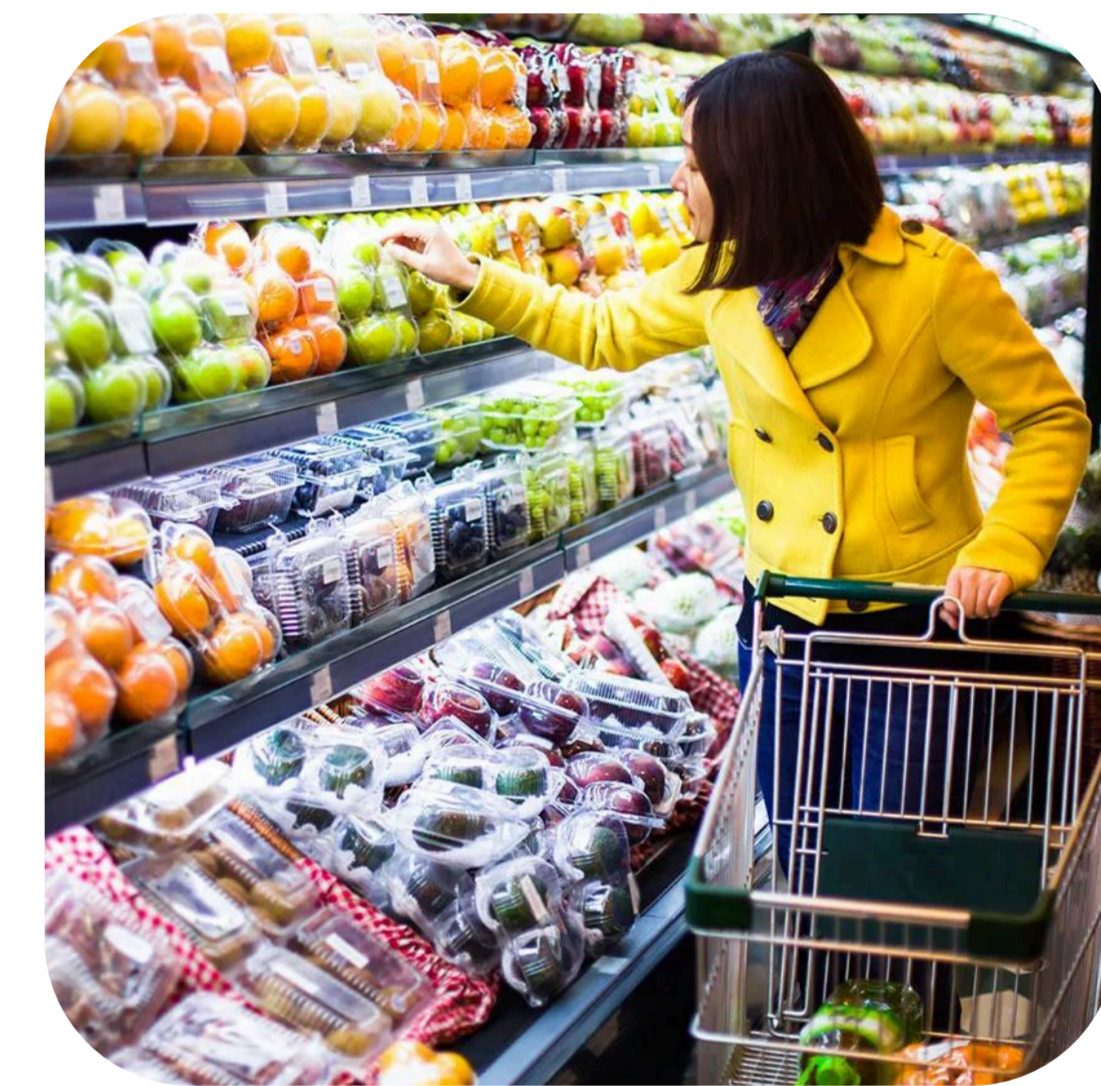
EU commission  
banning 50%  
pesticides

## Pesticide Resistance



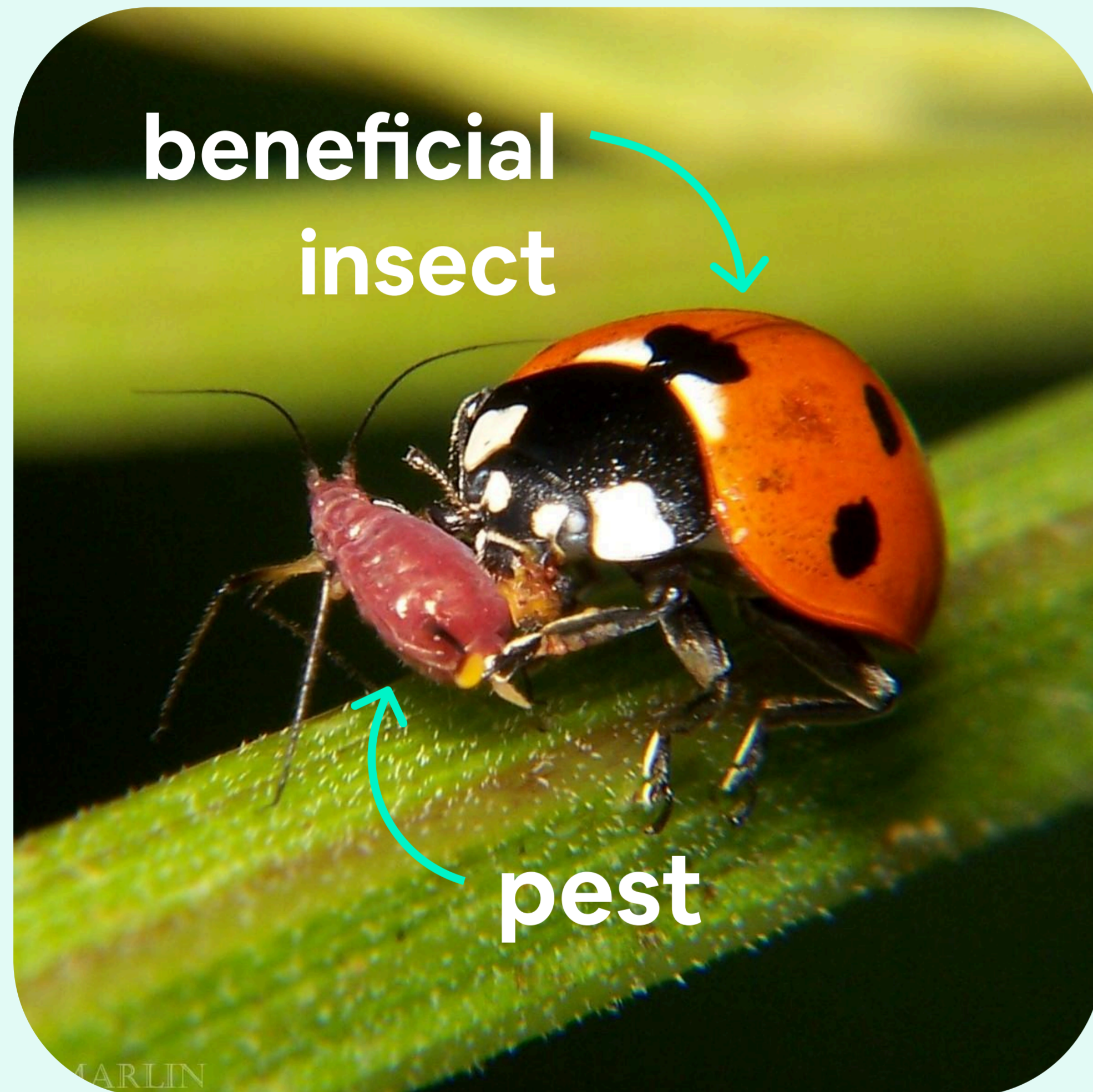
>50% pests now  
resistant to 2+  
insecticide classes

## Consumer & Retailer Demand



retailers reject  
produce with residues  
>1/3 of legal limit

## the alternative



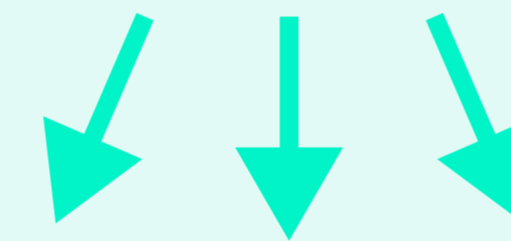
A **pest control** method with:

- ✓ No environmental impact
- ✓ No health impact

**90% of horticulture now using**

# the problem

insects sourced from distant factories



**LONG SUPPLY TIMES**

3-5 days



**EXPENSIVE**



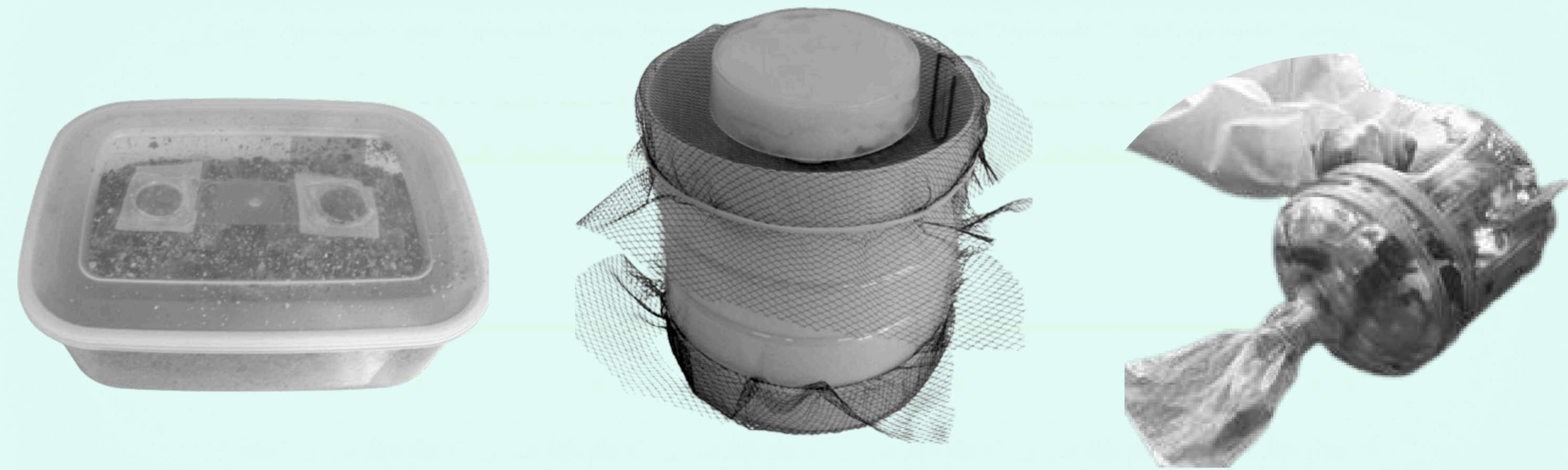
**SHIPPING MORTALITIES**

20-50% mortality

↳ poor pest control

# growers are looking for ways to optimise their insect use

some growers are trying to rear their own insects



→ cheaper insects  
→ instant insect access

✗ requires expertise

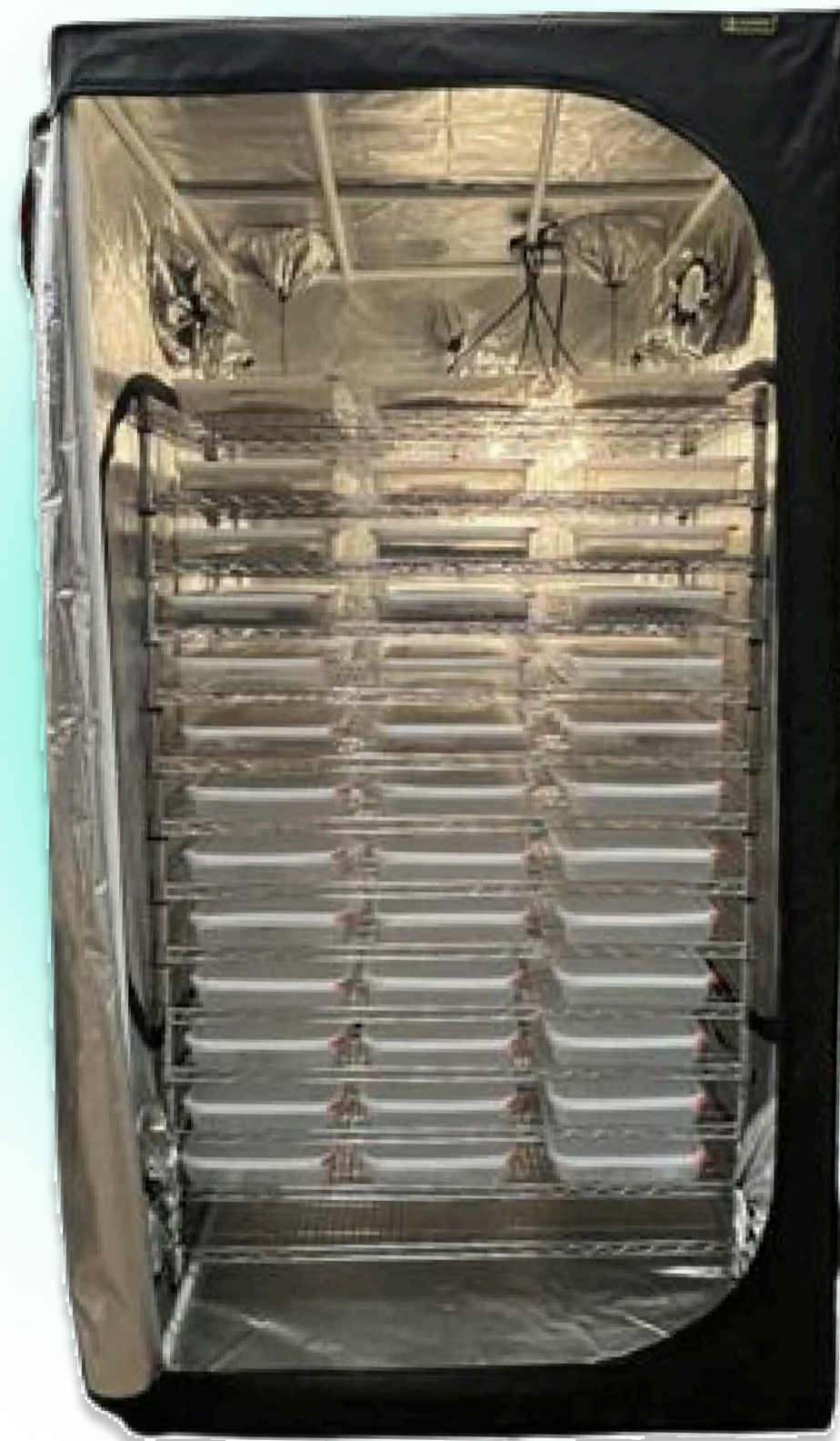
✗ complex management

✗ unreliable hardware

# what we provide

tech to simplify insect rearing

## insect production hardware

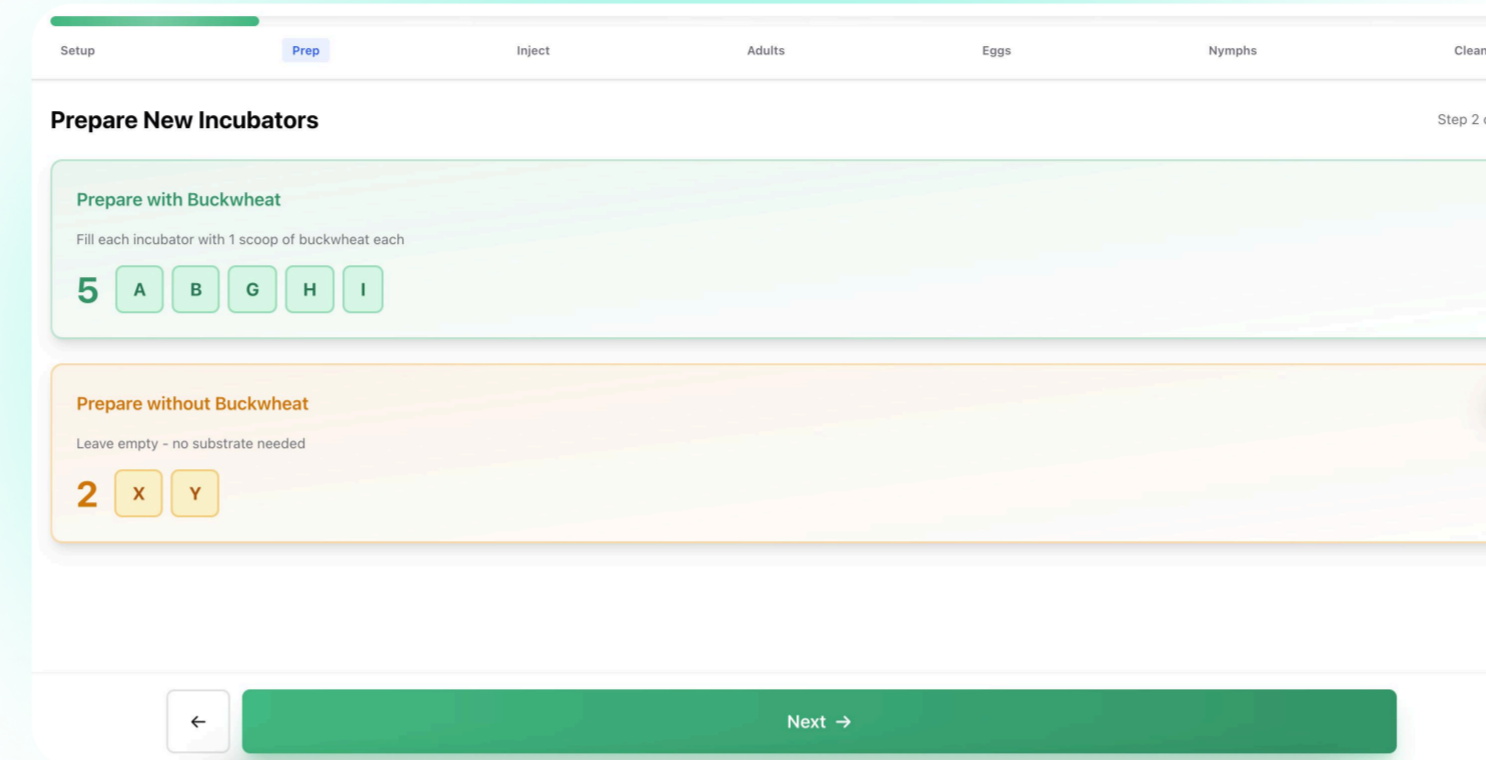


+ set-up

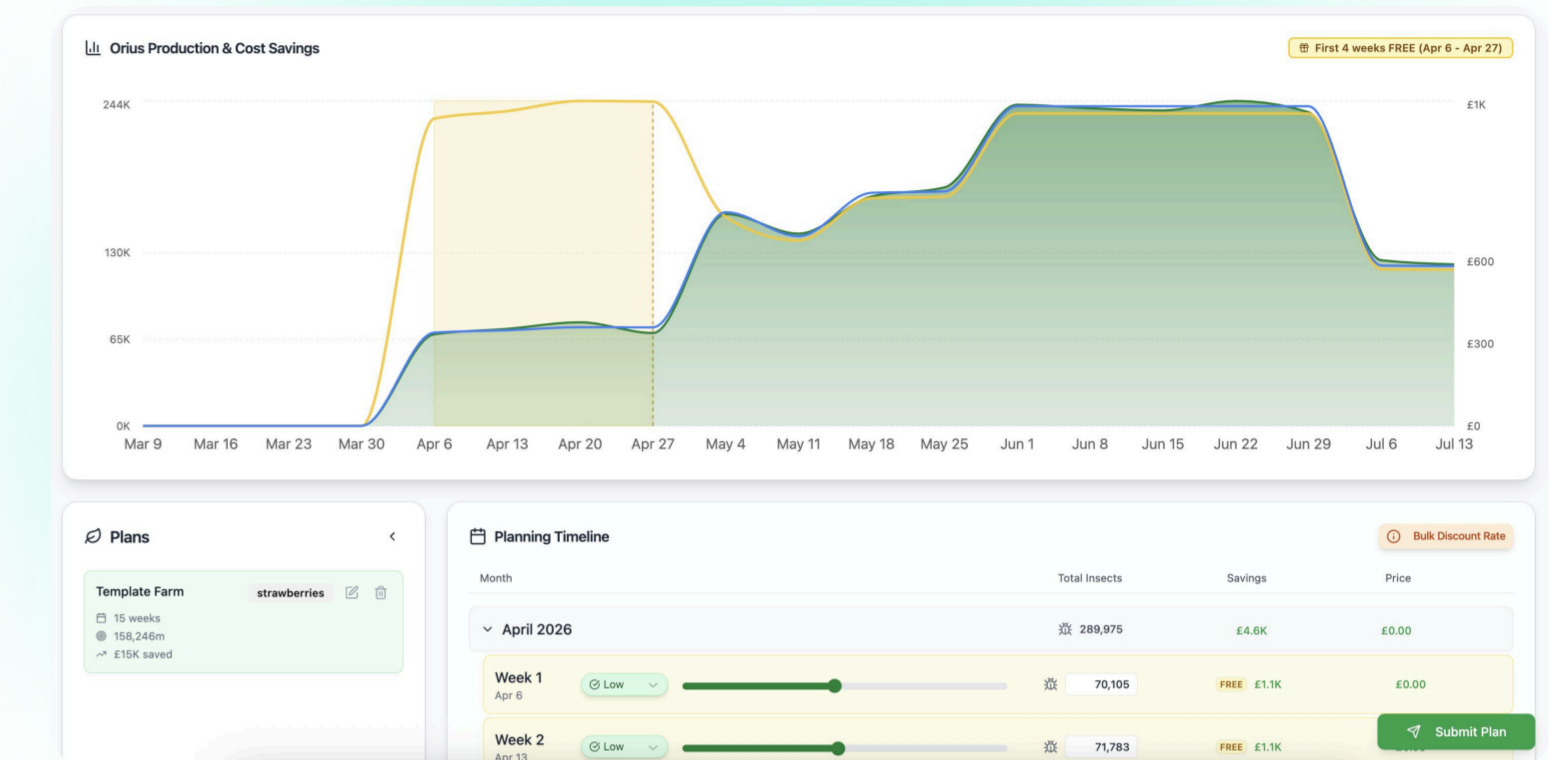
patent pending

March '26 →

## production coordination platform

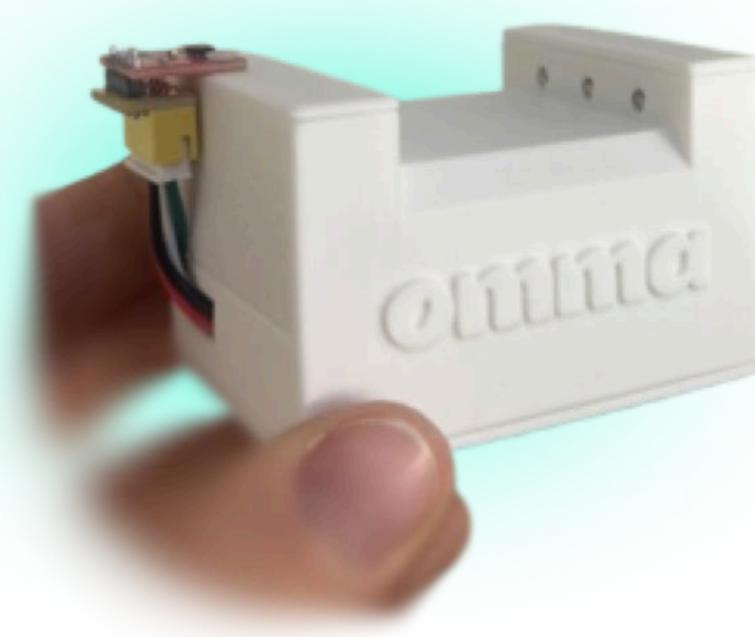


task coordination



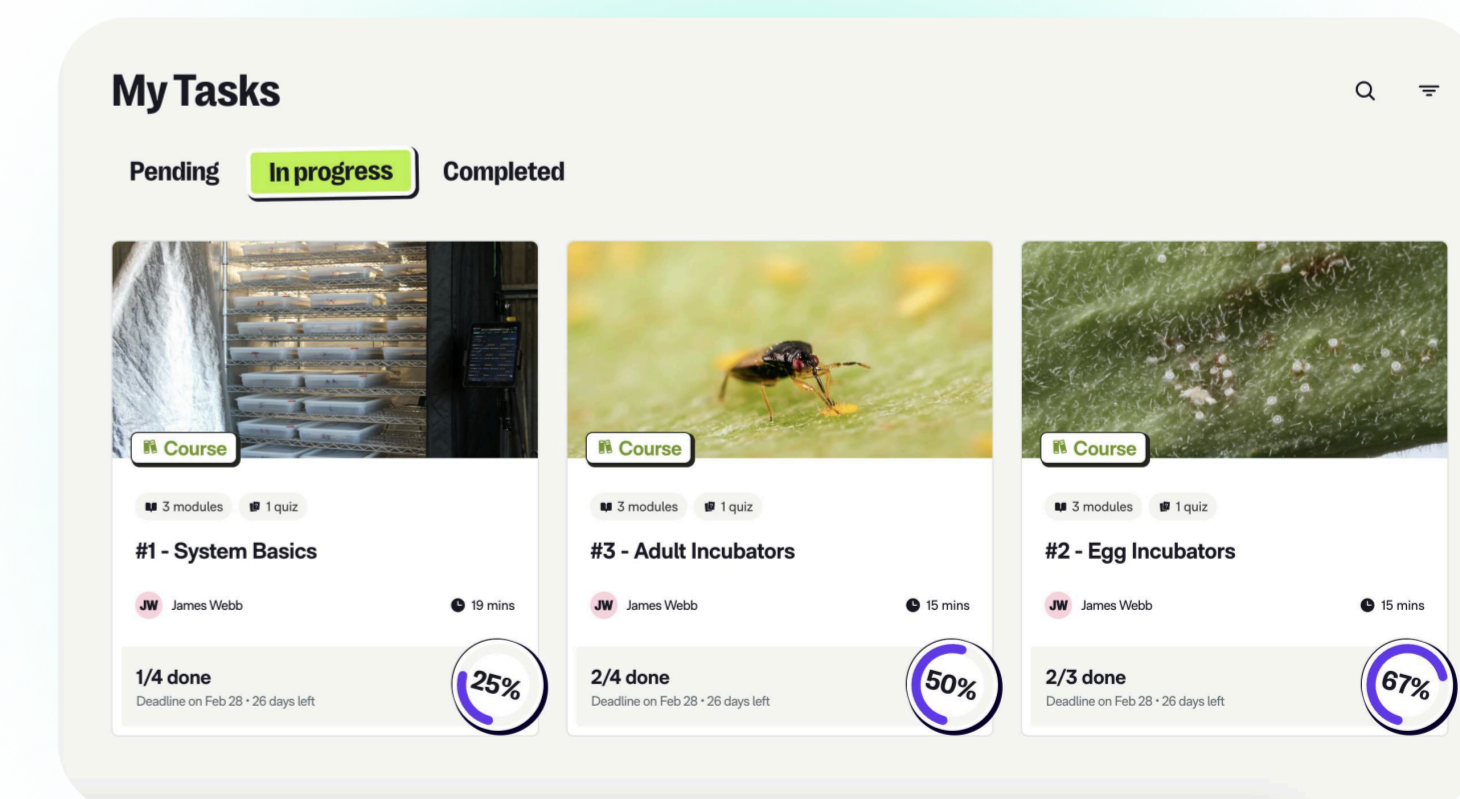
production scheduling

## insect counting system



standardisation & accountability

## rapid workforce training



in partnership with 

# task coordination

Setup **Prep** Inject Adults

## Prepare New Incubators

**Prepare with Buckwheat**  
Fill each incubator with 1 scoop of buckwheat each

5 **A** **B** **G** **H** **I**

**Prepare without Buckwheat**  
Leave empty - no substrate needed

2 **X** **Y**

← **Next** →

Operations Dashboard

## Good Morning, Operator

Ready to start your session at **Groves Farm**?

Jan 23, 2026 Summerberry Rack 14 tasks Est. 2.5 hrs

**Start Work Session** →

Last session completed 2 hours ago

# production scheduling

forecasting engine converts production targets into supply projections, and adapts to dynamic seasonal needs

predictive yield modelling

## Omnia HQ - Orius Planning & Forecast

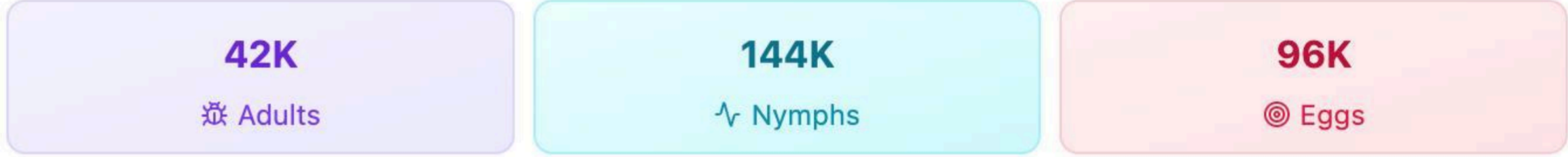
Welcome back, James!

### Forecasted Orius Production - Week 3

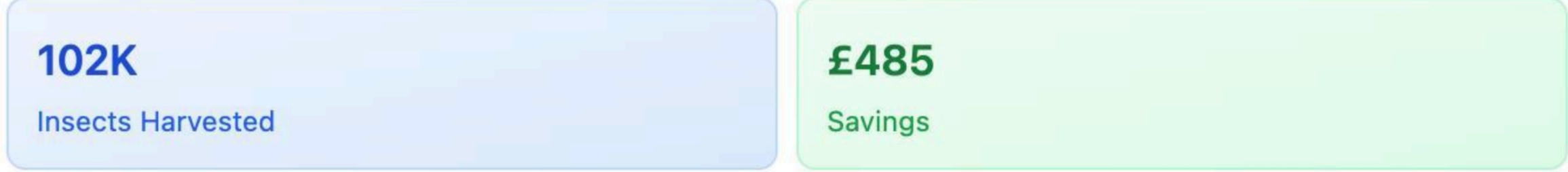
Forecast



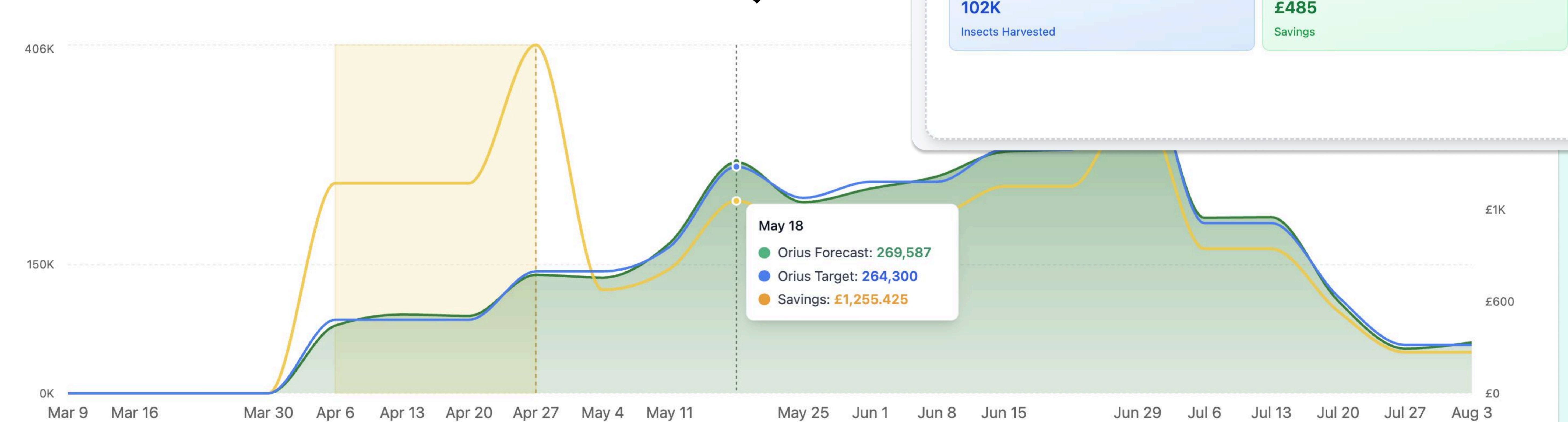
### Production Pipeline



### Last 30 Day Statistics



### Orius Production & Cost Savings



# farm requirements

production labour



2-3 hours, 2x per week

\*Omma can provide labour  
for early UK trials

- 🏠 **2x2m** indoor space.
- 🚰 Basic **water** access (tap).
- 🔌 Mains **power** source.
- ❄️ **Freezer** access (preferable).

# our insects are cheaper, fresher and give better yields

pilots completed 2025



**-25%**

insect cost

**instant**

insect availability

**10x**

predation efficacy

# expertise in entomology and engineering

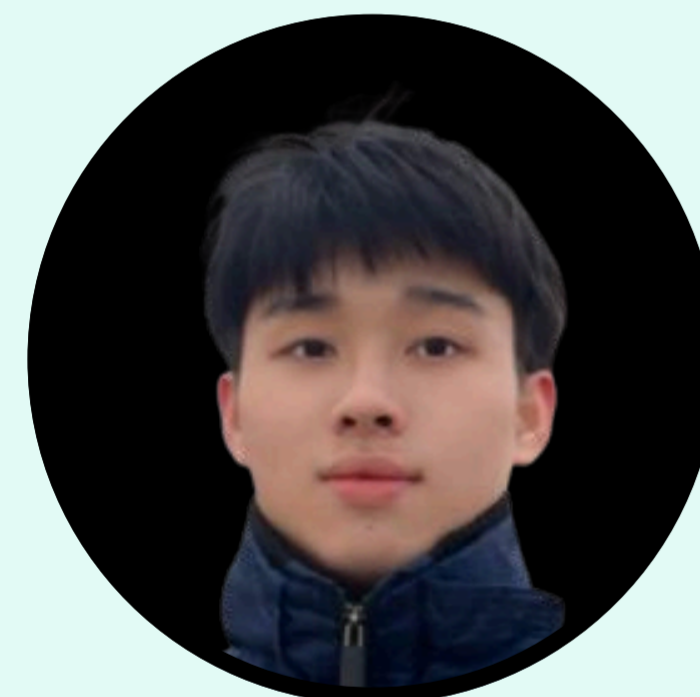
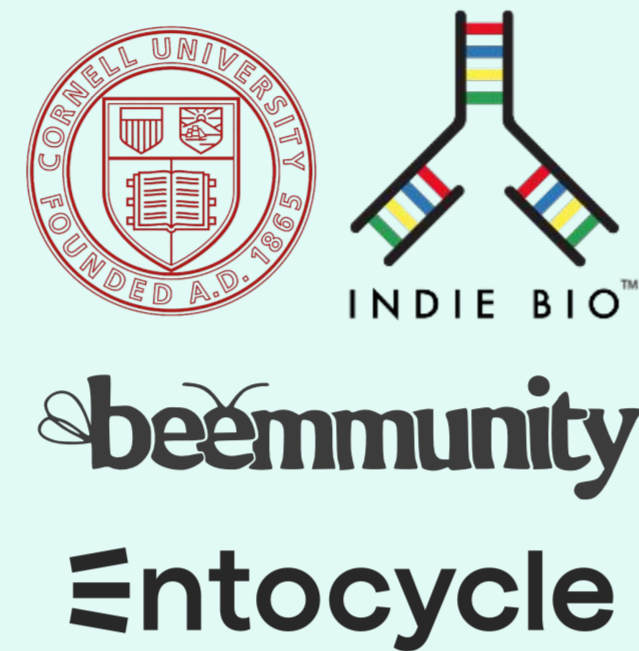
## core team



**CEO**

**James**

former VC backed CEO,  
bioengineer with 6+  
years in insect research  
& industry



**CTO**

**Dong Yiu**

builder of trackwise.pro  
rapidly develops AI-  
driven applications



## strategic advisors



**Simon Conway**  
Ex-Managing Director  
Vitacress

**Commercial**



**Jeff Colegrave**  
Ex-Owner  
Floranova

**Horticulture**



**James Waltham**  
Ex-Managing Director  
Haygrove

**Network**



## backed by















# protected horticulture market

## approx spend on beneficial insects (2025)

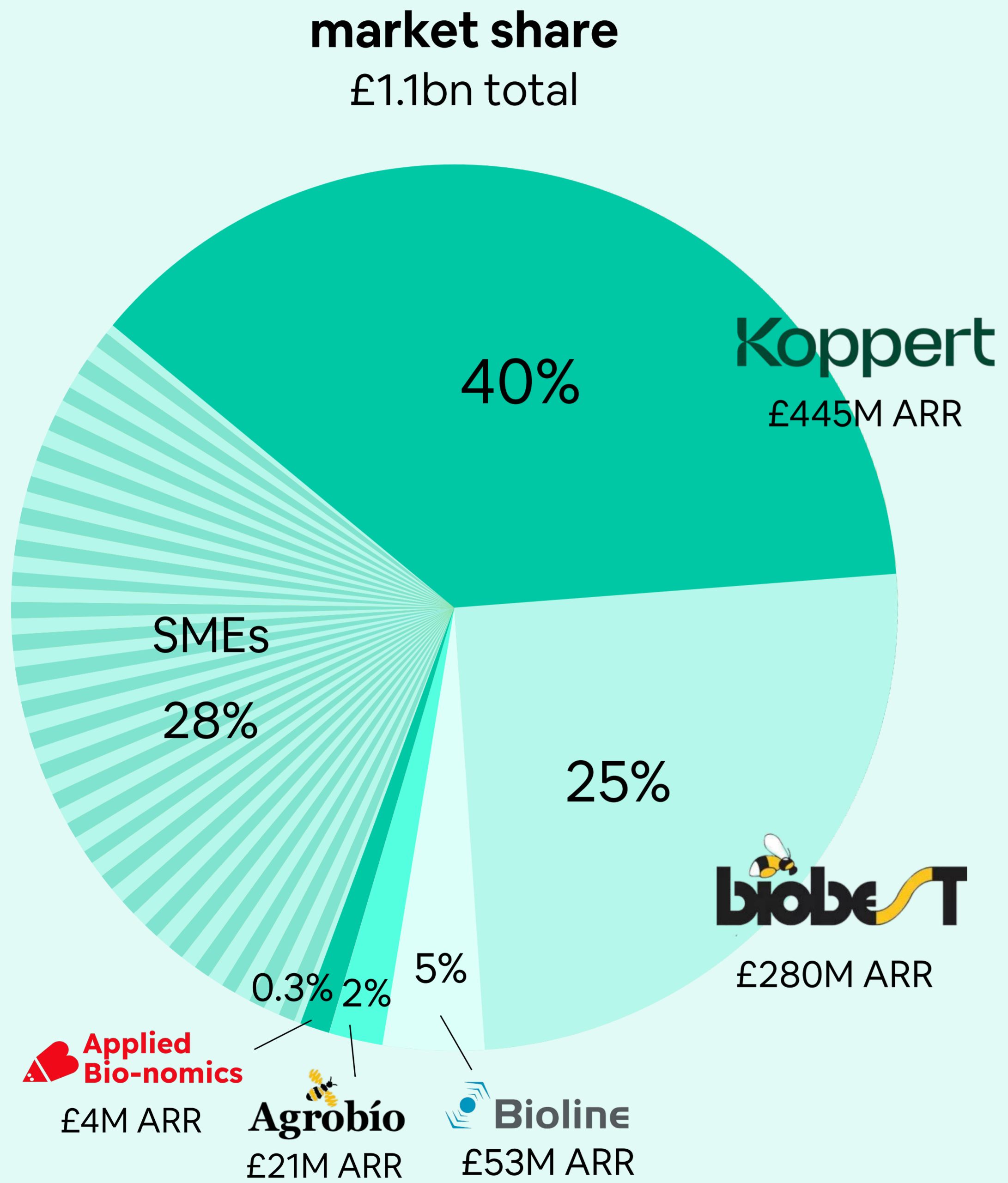
 <b>WORLD</b>	<b>£1.1bn</b>
 Spain	£134m
 Turkey	£124m
 Mexico	£89m
 NL	£60m
 Italy	£50m
 USA	£50m
 Morocco	£29m
 France	£28m
 UK	£20m
 Canada	£20m
 Belgium	£13m

## top 5 global pests: control spend

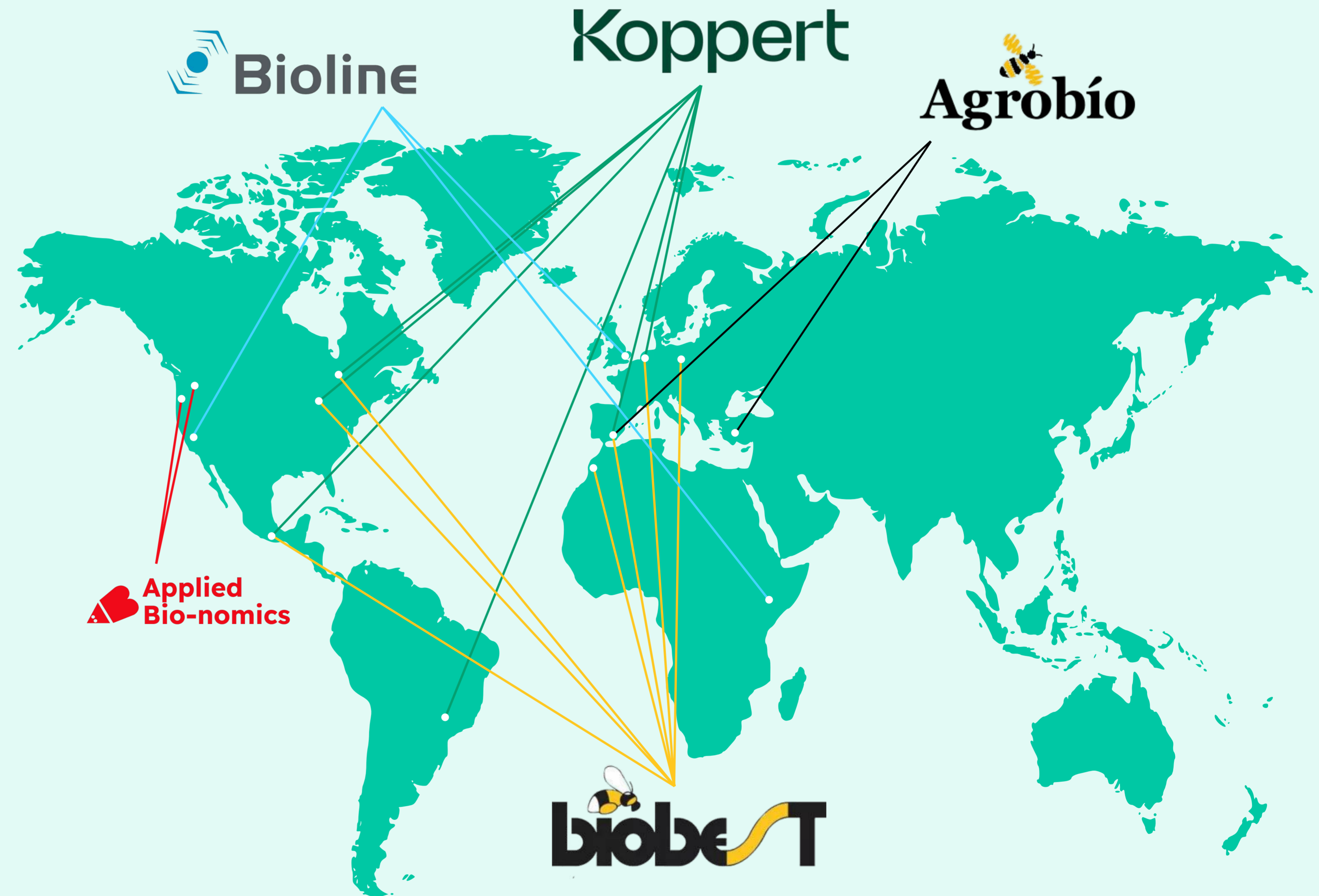
	pesticides + beneficial insects	beneficial insects	beneficial insects used
 aphid	£1.1bn	£0.28bn	 lacewing 
 thrip	£1.35bn	£0.33bn	 orius 
 whitefly	£1.2bn	£0.28bn	 swirskii
 spider mite	£1bn	£0.23bn	 andersoni
 SWD	£0.58bn	£0.03bn	 trichopria

# competition landscape

we are disrupting the traditional sales model



**production facilities**  
require refrigerated transport to farms



# go-to-market

- signed for '26
- in talks
- targets
- opportunities

2025

2026

2027

**Early Adopters**  
pilots completed 2025

**No-Trial Customers**  
7+ farms  
£100k+ revenue

**Interest Expressed**  
20+ farms  
£300k+ revenue

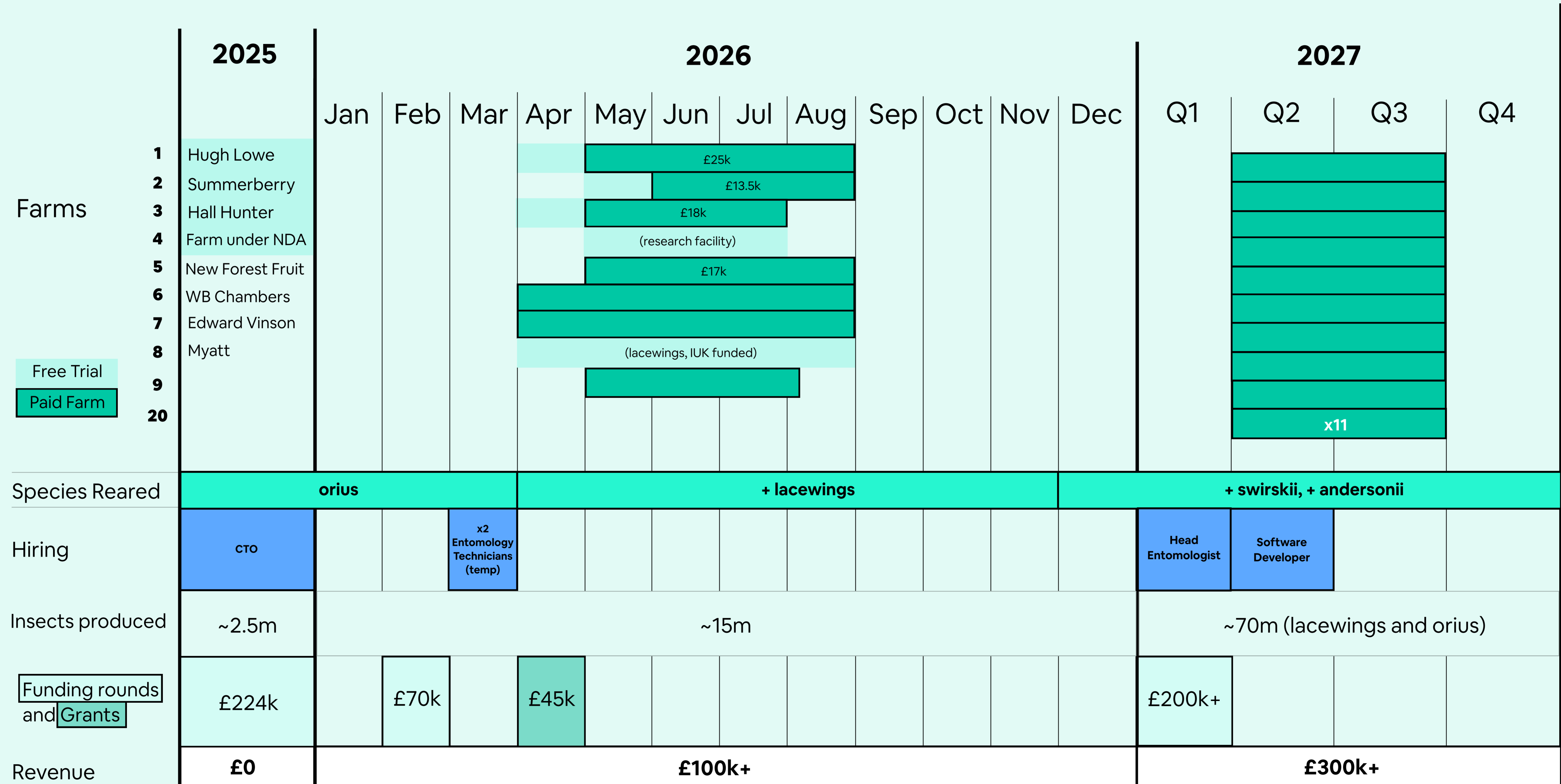
Network Referrals Outreach Farming Associations Partnerships

- open air farms
- farms abroad
- poultry pests
- selling surplus insects

mites cost industry €360m



# company roadmap



# omma

**Beneficial insects,  
now made on your farm.**

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