

BCPC Pest and Beneficials Review

The trials, Tribulations and Successes of IPM in the field

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Introduction to Innovate UK KTN



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Innovate UK KTN exists to connect **innovators** with new **partners** and new **opportunities** beyond their existing thinking - accelerating ambitious ideas into real-world **solutions**.

Innovate UK KTN is part of the Innovate UK Group – **the UK's innovation agency**.



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Our Team

200 colleagues across the UK

Offices in Edinburgh, London
and Harwell



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The Innovate UK KTN AgriFood team



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We have deep expertise in AgriFood



**Livestock &
Aquaculture**



Crops



Food

How we can help



**Make powerful
connections**



**Secure
funding**



**Get expert
insight**



**Keep up
to date**



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CASE STUDY

Innovate UK KTN helps shape the future of sustainable protein

- Insect protein has the potential to help address key global challenges.
- We helped bring together leading UK companies to develop a collaborative funding bid, with the potential to transform the insect protein sector in the UK.
- 15 organisations came together to accelerate the development of cutting-edge technology to upcycle food waste into animal feed, using black soldier fly.



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Innovate UK KTN helps shape the future of sustainable protein

- The funding bid was awarded £5.9m Innovate UK funding as part of a £9.8m project.
- By 2040, the project aims to have created 3300 UK based jobs.
- It plans to generate annual revenues of £400m for UK tax paying businesses.
- It plans to deliver savings of 50m tonnes CO2 equivalent, driving the industry closer to net zero emissions.



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“

Innovate UK KTN were able to share their **deep expertise** and **powerful connections** to turn this project into reality. They provided a crucial role in ensuring we will be able to develop the **UK's first** industrial scale insect protein production facility.

”

Keiran Whitaker, Founder, Entocycle



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“

Support from Innovate UK KTN has helped us develop new strategic **partnerships** which have embedded us within the UK and our wider industry as a breeder and distributor of high-performance insect genetics. This Insectrial Revolution Project will **accelerate** the development of the UK's horizontally segmented insect farming supply chain. It will deliver **economic, societal and environmental benefits** that will be scaled across the UK and our planet.

”

Thomas Farrugia, CEO and Founder, BetaBugs



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How the AgriFood team gets deep insight into the sector



**The Animal Sector
Advisory Board**



**The Plant Sector
Advisory Board**



**The Food
Sector Group**



How the AgriFood team gets deep insight into the sector

- We bring together industry, academics and government representatives
- We discuss themes around innovation, opportunities, challenges and priorities for the sector
- It helps inform our work including events and reports and identify potential funding needs
- We focus on how we can best work together for the benefit of the whole sector and the UK



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Trials, tribulations and successes of IPM in the field

Innovate UK KTN can help on the journey by linking you with:

- Collaborators
- Investors
- Funding competitions

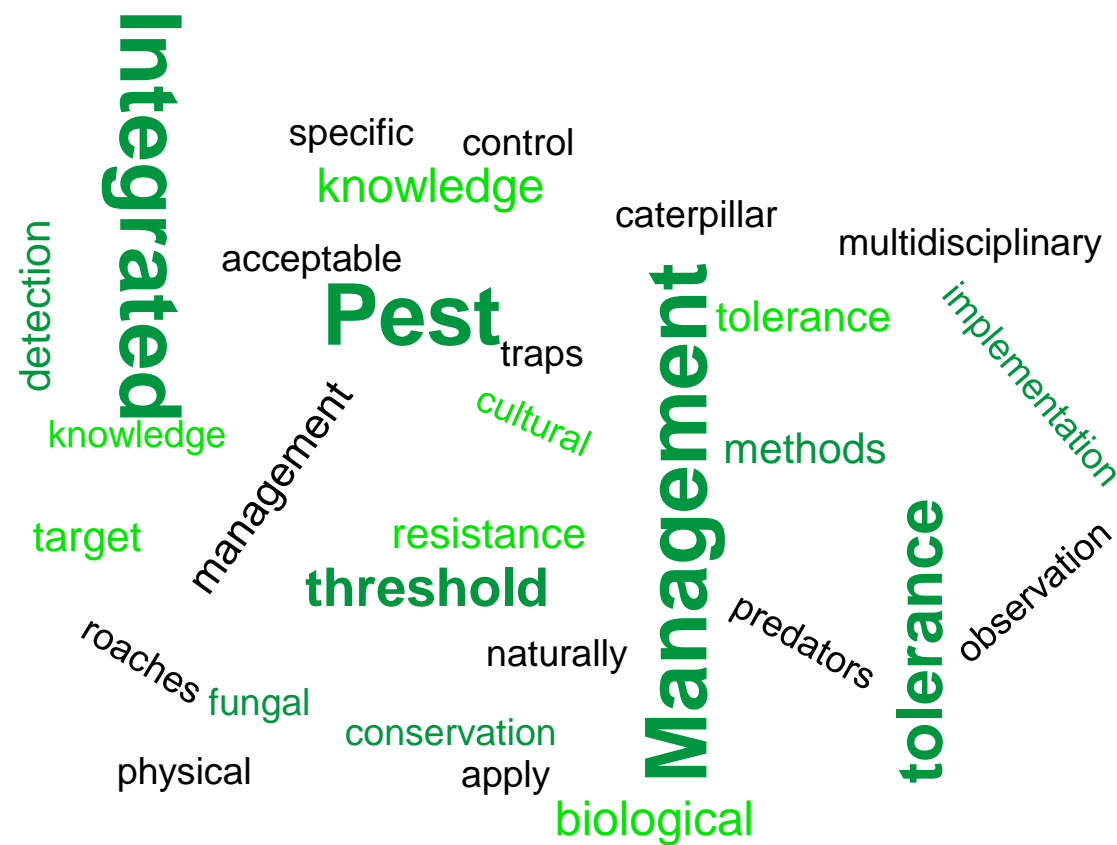


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What is IPM?



Components required

Policy

25 year
Environment Plan

Agricultural Policy

Post Brexit changes

Research

Intended
consequences

Unintended
consequences

Tools and information

Techniques

Technologies

Innovations

Products

Services

Uptake

The tricky bit



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IPM - Minimise reliance on pesticides and maximise use of alternatives



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Thank you

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Sign up for our AgriFood newsletter

<https://bit.ly/AgriFood-Newsletter>

Find out more about the new funding calls

<https://ktn-uk.org/news/transforming-food-production-funding-competitions>

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