

Pyrethroid resistance in the UK:

Sampling guidelines for cabbage stem flea beetle



Introduction

There have been reports from oilseed rape (OSR) growers of resistance to pyrethroids in cabbage stem flea beetle (CSFB) in the UK.

Rothamsted Research is calling for growers to send suspected pyrethroid resistant adult CSFB samples to them so resistance levels in the UK can be assessed in 2018.

How to sample CSFB for resistance testing

1. Collect beetles

To ensure a good sample (ideally at least 50 beetles), put the beetles in a clean crush-proof and secure container (e.g. food container).

2. Complete the paperwork (overleaf)

For each container submitted, complete a Sampling Form (overleaf) and include it with the sample. Retain a copy of the paperwork for your own records.

3. Send the samples to Rothamsted Research

Put all containers in a padded envelope (or suitably large container).

Also make sure the sender's name and address is also clearly visible on the outer packaging.

Courier or post samples first-class to:

Steve Foster/Caitlin Willis
BCP Department
Rothamsted Research
Harpenden
Herts AL5 2JQ



Results of resistance levels will be fed back to the samplers.

4. Let the research team know the samples are on the way

Email: stephen.foster@rothamsted.ac.uk and Caitlin.willis@rothamsted.ac.uk

Telephone: 01582 763133 ext. 2356

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Sampling Form

For each sample submitted, complete a Sampling Form and include it with the sample.

Sampling information		
Date sampled		
Crop		
Field name		
Contact telephone number		
Sampler name and address		
Sampler's Email address		
Farm address (if different), including nearest town		
Insecticide usage		
Product	Rate	Date applied
Rothamsted Research sample reference number (leave blank)		