

## Pesticide Residues in Food

### Course Description

This course provides training in a portfolio of multi-residue and single residue methods commonly used in the EU for the determination of pesticide residues in fresh produce. The course will be delivered through a stimulating mix of seminars and practical work using state-of-the-art analytical equipment.

The course covers:

- Sample preparation and processing
- Sample extraction and clean-up including QuEChERS and dSPE
- Detection by modern instrumentation including GC-MS, GC-MS/MS and LC-MS/MS
- Data processing

This is supplemented with presentations on:

- EU legislation and control systems - including Maximum Residue Levels (MRLs), the Rapid Alert System for Food and Feed (RASFF), and the roles of the Food and Veterinary Office (FVO) and EU Reference Laboratories (EURLs)
- EU and national monitoring programmes
- Quality systems - including ISO 17025, GLP and ISO 9001
- Method validation and analytical quality control procedures according to the latest EU Guidelines

### Course Lecturers

This course is taught by experts from Fera's pesticide residues team. The team specialises in developing, validating and implementing improved methods to underpin delivery of the UK national pesticide residue monitoring programme on behalf of the UK Chemicals Regulation Directorate (CRD). Fera is a UK National Reference Laboratory for pesticide residues in food and feed.

### Venue

The course is delivered using dedicated facilities at Fera's world-class laboratory complex located on the Sand Hutton National Agri-Food Innovation Campus near York, UK.

### How to register interest

Please e-mail your details, the name of the course you would like to attend and the number of people from your organisation who would like to attend the course to: [traininglabs@fera.co.uk](mailto:traininglabs@fera.co.uk)

You will also find useful information about the venue, details of how to find us, and advice on accommodation and visas on our web site.