

UAS Spraying / Spreading Application Equipment



At a glance...

Customised Provision

Delivery Method:	Classroom and practical demonstration
Recognised by:	Lantra Awards
Prerequisites:	Learners must have access or ownership of a drone, as well as holding a valid authorisation from the CAA. They should also have valid Safe use of Pesticides/PA1 equivalent training.

Introduction

This course will teach the fundamentals of how to operate UAS spraying and spreading equipment safely, in line with the current pesticide guidance through CRD and the Code of practice.

Overview in brief

This Lantra-accredited Customised Award is exclusively developed and delivered by a Lantra-approved Training Provider, who meets our quality standards. The course is specifically tailored to meet learners' needs. For further details about the course content and delivery locations, please contact the Training Provider using the details provided below.

The minimum age to undertake this course is 18.

This course has been developed to provide a standard of learning that will enable learners to develop their skills in the right way. The aim is that learners will go on, in time, to undergo an assessment based around the use of pesticide with UAS equipment via a Lantra qualification.

The finer details

Course modules include:

1. Legal obligations





2. Environmental impact issues
3. Weather
4. Environmental risk assessment
5. The working principles of a CDA sprayer
6. The working principles of pump systems
7. Preparation of drone for spreading operations
8. Preparation of drone for operations
9. Spraying calibration in practice
10. Spraying considerations
11. Mixing filling/Essential PPE
12. Fieldwork
13. Sprayer decontamination, Disposal of washing and machine storage

Who should attend?

This course is suitable for new and existing drone pilots working in:

Forestry

Agriculture

Horticulture

Amenity

What will be covered?

During this course, learners will:

- Gain an understanding of the Mixing and Measuring processes
- Understand the legislation relating to Pesticides and the Code of Practice
- Gain knowledge of UAS systems
- Gain an understanding of calibrating UAS manually
- Gain an understanding of how to read and process all risk assessments associated with pesticide use
- Understand UAS system interface and programming
- Gain an understanding of the mixing and measuring process

