

Plant Protection Product - Drone Mixing, Filling and Decontamination



At a glance...

Training (Only)

Delivery Method:	Classroom and practical
Recognised by:	Lantra Awards
Prerequisites:	CAA Operator ID or Flyer ID
	Basic PPE and safe handling understanding
	Safe Use Pesticides

Introduction

This course provides essential knowledge and practical awareness of the safe, legal mixing, filling, handling and decontamination of liquid and granular plant protection products for unmanned aircraft systems (UAS).

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 16.

This one-day, attendance-only course focuses on the safe handling of plant protection products and granular materials used in drone-based operations. It covers legal responsibilities, PPE, mixing and filling procedures, spill prevention, decontamination, waste handling and safe storage, and is intended as a foundational training step prior to progression into assessed drone application qualifications.

The finer details



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Course modules include:

- Legal responsibilities for the handling of plant protection products and granules in drone-based operations
- Overview of drone spray and spread systems as they relate to mixing, filling and cleaning only
- COSHH principles and PPE selection for liquid and granular products
- Safe mixing and filling procedures for liquid spray tanks used on unmanned aircraft
- Safe handling and loading procedures for granular hoppers used on unmanned aircraft
- Spill prevention, emergency response and contamination control
- Decontamination and cleaning of spray and spread modules
- Waste handling, disposal and safe storage of equipment and materials

Delivery method:

The course is delivered as a one-day, attendance-only programme through tutor-led presentations, demonstrations, guided walkthroughs and group discussion.

There is no operational flying, no application activity and no competence assessment included in this course.

Who should attend?

Commercial drone operators

Agricultural contractors and agronomists

Growers and estate managers

Forestry, amenity and horticulture professionals

Organisations preparing for aerial pesticide approval and compliance

What will be covered?

- Legal responsibilities relating to the handling of plant protection products and granular materials for unmanned aircraft systems, including PPP and COSHH requirements
- Operator safety and environmental protection during mixing, filling and cleaning activities
- Overview of drone spray and spread systems as they relate to safe handling and contamination prevention
- PPE selection and correct use for liquid and granular products
- Safe mixing and filling procedures for liquid spray tanks used on unmanned aircraft
- Safe handling and loading procedures for granular hoppers used on unmanned aircraft



- Spill prevention measures and emergency response actions
- Decontamination and cleaning of drone spray and spread modules
- Waste handling, disposal and safe storage of equipment and materials



This course is attendance-only and does not include operational flying, application planning, calibration, field operations or competence assessment.

Other areas of interest

[Knapsack & Handheld Sprayer Maintenance - Lantra](#)

[Safe Use of Powered Mowers on Slopes and Near Water \(Skills Card\) - Lantra](#)



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