

Course Objectives:

At the end of the course, participants will be able to:

- develop knowledge covering the requirements of current legislation
- apply pesticides safely and efficiently with a hand held applicator fitted with hydraulic nozzles
- identify and select appropriate nozzles, carry out machine preparation and calibration
- operate the equipment in compliance with current legislation and codes of practice
- clean equipment, and dispose of unwanted pesticides and containers
- identify and rectify faults and recognise conditions when spraying is inadvisable

All without risk to self or third party

Who is the course designed for?

This course is designed for all those involved in operating and maintaining hydraulic nozzle type knapsack sprayers near water. Participants should have attended course 'Safe Use of Pesticides' or hold the recognised certificate of competence 'Safe Use of Pesticides, Environmental Factors and Legislation'.

Duration:

1 Day

Instructor/Trainee Ratio:

Max 1:6

Course Content:

- Seek approval from the Environment agency (Form WQQ1)
- An Environment Risk Assessment
- Check direction of water flow & work in an upstream direction.
- Use knapsack on banks and reachable weeds on water
- Not to exceed the maximum concentration of active ingredient in the water
- Assess the speed of flow (method)
- Weed removal and the vulnerability of fish.
- De-oxygenation of water and the area percentage to treat at a time and the correct method used to do this.
- Spraying banks with root acting herbicide where bank stability relies on root growth.
- Spray quality to ensure good leaf retention and minimise drift.
- Check out downstream uses. Livestock drinking, extraction for domestic use. Irrigation,
- Fish farms, nature reserves, sites of Special Scientific Interest (S.S.S.I)s
- Never working alone
- Wear a lifejacket
- Hazards of wearing a full or empty knapsack.

Equipment & Facilities:**Select equipment appropriate to applicator being used:**

- Application equipment appropriate to the option selected by the candidate.
- Clean product labels.
- Appropriate working areas for filling, testing, calibrating and site work.
- Spare nozzles/filters for applicator.
- Manufacturer's operators' instruction book.
- Clean water supply/hosepipe.
- Appropriate containers with pesticide or simulated pesticide for site work.
- Marking aids.
- Wind speed gauge.
- Measuring cylinder.
- Pocket calculator.
- Accurate and suitable measuring jug.
- Tape measure at least 10m for measuring walking area and swath width.
- Measuring wheel.
- Personal Protective Equipment to comply with pesticide label/COSHH risk assessment
- First Aid kit which complies with the Health & Safety (First Aid) Regulations 1981.
- Mixing buckets.
- Appropriate Application Record Sheets.
- Scales