



HCT

Progressive, Innovative & Interactive Training



Boom Sprayer Pesticide Application

LEVEL 5



QQI AWARD

www.hctlearning.ie



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Boom Sprayer Pesticide Application

Programme Aim: This programme has been designed to enable participants to develop the knowledge, skills, and competencies necessary to understand the different infestation of pests that effect crop growth and explore the best control measures available. On completion, participants will understand the laws and regulations relating to poisonous substances and be capable of adhering to them while preparing, calibrating, and using and storing a boom sprayer. This programme will provide learners with the correct information to be able to calculate the correct amount of pesticide to use and ensure all accurate data has been recorded.

Participants of this programme will:

- Describe principles and procedures for the safe handling, storage, application and disposal of pesticides including appropriate personal protective equipment
- Prepare a boom sprayer for work, including calibration, in accordance with good practice and manufactures instructions
- Make up a pesticide spray mix in accordance with good practice including the pesticide product label dosage recommendations and application area
- Store a hand-held applicator and personal protective equipment in a safe and efficient manner according to manufactures instruction
- Understand the laws and regulations relating to the use of poisonous substances including pesticide residues and maintenance of adequate records

Programme Content

- Describe how infestations of pests affect crop growth and reduce quality and the range of pest control methods available
- Explain the terminology used to categorise pesticides
- Summarise laws and regulations
- Explain the principles of application technology necessary for the proper application of pesticides
- Interpret pesticide label information , make up a pesticide spray mix in accordance with good practice, apply a pesticide mix with a boom sprayer, store a boom sprayer and personal protective equipment
- Prepare boom sprayer for work, including calibration

Specific Support Available

A range of accommodations and supports are possible according to specific needs. This programme comes with a very comprehensive manual as an excellent source of reference after the programme

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| Programme level | This programme leads to a Level 5 on the National Framework of Qualifications |
| Progression and Credit Value | This programme can be used as 5 credits towards Horticulture 5M2586 QQI Level 5. Learners can transfer to another programme. HCT must be notified on day one of the programme that you wish to transfer free of charge, after day one the fees for the new programme will apply. |
| Duration | This programme will run for 3 contact days depending on the project and will require participants to complete some work in their own time |
| Who should attend this course | People seeking skills in or are looking to gain formal qualification in pesticide use and application with a boom sprayer |
| Required fluency in generic skills | Learners entering a programme leading towards an award at Level 5 will usually be proficient at reading, drafting, preparing and understanding information across a broad range of topics, including quantitative information. Learners may solve problems well, independently and as part of a group. Learners participate well in a chosen area of expertise, using a range of tools and procedures, responsibly and autonomously. |
| QQI Assessment | Participants who wish to achieve a QQI Component Certificate must complete 60% Skills Demonstration and 40% Examination |
| Resources Required in Order to Successfully Complete the Module | Some personal learning / study time will be required from participants. Programme packs, assessment briefs and some equipment will be provided as part of the programme |
| Specific Entry/Access & Exemptions required | A learner seeking entry to a programme leading to awards at level 5 do not need a previous formal qualification. HCT would highly recommend that the learners have achieved some certification at Level 4 or have relevant work/ life experience. Recognition of Prior Learning may be considered to gain access without having certification entry requirements, to gain exception within a programme, attain an award based on experience which they don't hold formal qualification in, contact our office for more information |

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