



# HCT

Progressive, Innovative & Interactive Training

**Hughes Consultancy & Training**

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## Mechanical Pesticide Application

LEVEL 5



QQI AWARD

[www.hctlearning.ie](http://www.hctlearning.ie)



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## Mechanical Pesticide Application 5N20435

**Programme Aim:** The aim of this programme is to equip learners with the knowledge, skill and competency to achieve a QQI Level 5 Mechanical Pesticide Application 5N20435. On completion learners will be able to identify legislative requirements in relation to the use of pesticide, demonstrating understanding of the principles of application by being capable of using a range of pesticide applicators including a boom sprayer, slug pellet applicator and a propelled weedlickers safety, using required PPE, setting up and calibrating correctly and completing all relevant required paperwork

### Participants of this programme will:

- Describe the range of mechanically propelled equipment for the application of plant protection products.
- Principles of application technology necessary for the proper application of pesticides
- Working principles of a boom sprayer, machine mounted slug pellet applicator and trailed weedlick
- Legislative requirements pertaining to pesticide applicators
- Apply a pesticide mix with a boom sprayer
- set up, calibrate and operate a mechanically propelled weed-licker
- set up, calibrate and operate a mechanically propelled full width broadcast or placement pesticide pellet applicator

### Programme Content

- Mechanically propelled equipment for application of plant protection products
- Principles of Application
- The workings of a boom sprayer
- Principles of a machines mounted slug pellet applicator
- Trailed weedlick
- Legislative requirements
- Interpret pesticide labels
- Prepare boom sprayer for work
- Prepare Mechanically propelled weed licker
- Prepare Slug Pellets

### 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

<b>Programme level</b>	This programme leads to a Level 5 on the National Framework of Qualifications
<b>Progression and Credit Value</b>	This programme can be used as credits towards Horticulture 5M2586 This programme is worth 5 credits towards Major awards
<b>Duration</b>	This programme will run for 3 contact days depending on the project and will require participants to complete some work in their own time
<b>Who should attend this course</b>	People seeking skills in or are looking to gain formal qualification in Mechanical Pesticide Application
<b>Required fluency in generic skills</b>	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 predictable 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.
<b>QQI Assessment</b>	Participants who wish to achieve a QQI Component Certificate must complete 80% Skills Demonstration 40% Exam
<b>Resources Required in Order to Successfully Complete the Module</b>	Some personal learning / study time will be required from participants. Programme packs, Assessment Briefs and some equipment will be provided as a part of the programme
<b>Specific Entry/Access &amp; Exemptions required</b>	A learner seeking entry to a programme leading to awards at level 5 does not need a previous formal qualification. HCT would highly recommend that learners have achieved some certification at Level 4 or have relevant work/life experience

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