

Golf Course Supervisor

UNIT 28

Prepare and apply pesticides

Overview

The aim of this unit is to provide the learner with the knowledge, understanding and skills required for preparing for the application of pesticides, applying pesticides in accordance with instructions and legislation.

Before attempting this unit, learners must hold a relevant certificate of competence in the safe use of pesticides.

	Learner Outcomes		Assessment Criteria
	The learner will:		The learner can:
1	be able to prepare for pesticide application	1.1	transport and store pesticides and containers according to legislation and the plan
		1.2	confirm that the product is appropriate for the work
		1.3	confirm that the application complies with the conditions of approval
		1.4	calculate the minimum application rate to achieve the desired level of control
		1.5	select a suitable site for preparation
		1.6	take action to minimise any risks and keep the appropriate people fully informed according to instructions
		1.7	confirm that the environmental conditions are appropriate for the work to be carried out
		1.8	confirm that the necessary procedures have been put in place
2	be able to apply pesticides	2.1	use the correct preparation procedures in accordance with instructions

		2.2	apply the pesticide in a way which minimises the risks to non-target species and the environment in accordance with instructions and legislative requirements
		2.3	take the appropriate action without delay if problems arise during the work
3	be able to carry out post-application procedures	3.1	utilise or dispose of surplus product according to legislation, instructions and codes of practice
		3.2	dispose of containers and unwanted personal protective equipment safely and correctly
		3.3	clean, decontaminate, store and where necessary dispose of personal protective equipment correctly
4	be able to maintain and use relevant equipment	4.1	ensure equipment is prepared, used and maintained in a safe and effective condition throughout
		4.2	clean the application equipment and clear the site thoroughly
		4.3	confirm that personal protective equipment is in good condition, the correct size and suitable for the work
5	be able to promote health and safety and environmental good practice	5.1	work in a way which promotes health and safety, is consistent with relevant legislation, codes of practice and any additional requirements
		5.2	ensure work is carried out in a manner which minimises environmental damage
		5.3	manage and dispose of waste in accordance with legislative requirements and codes of practice
		5.4	maintain personal hygiene throughout
6	be able to maintain accurate records	6.1	provide clear and accurate information for recording purposes
7	know and understand how to prepare for pesticide application	7.1	explain the significance of the product labels and the information included

		7.2	compare the appropriateness of specific pesticide products for the work
		7.3	explain who and how people will be informed of the work plan
		7.4	explain how to calibrate equipment
		7.5	explain how to calculate the amount of pesticide required
		7.6	describe procedures to be considered when preparing the pesticide product: <ul style="list-style-type: none"> • transportation • storage • disposal • emergency procedures • incident reporting
		7.7	describe the environmental conditions which are required for the work to be carried out and the affect which these conditions have on the operations
		7.8	describe the necessary growth stage of the plants for treatment to take place
		7.9	explain how to transport, store and dispose of pesticides and containers safely and correctly
8	know and understand how to apply pesticides	8.1	explain the safe handling and use of pesticides
		8.2	explain the methods of applying pesticides
		8.3	explain the correct operation of the applicator
		8.4	explain the relevance of risk assessment to the application including the importance of buffer zones

		8.5	<p>explain the problems which may occur and how to respond to these effectively covering:</p> <ul style="list-style-type: none"> • spillage • contamination of equipment and non-target areas • malfunction of equipment • adverse effects on non-target species • changes in conditions which reflect on the relevance of the work plan • emergency
		8.6	assess the dangers and emergency treatments associated with the use of pesticides
9	know and understand how to carry out post-application procedures	9.1	describe the ways in which surplus product and washings must be used or disposed of
		9.2	explain how to dispose of, or clean and decontaminate personal protective equipment including; gloves, face shields, boots and overalls
10	know and understand the reasons for maintaining equipment	10.1	explain the importance of maintaining equipment for use
		10.2	describe the selection and use of personal protective equipment and ancillary equipment
		10.3	explain how to clean and store the application equipment and clear the site
11	know and understand relevant health and safety legislation and environmental good practice	11.1	summarise current health and safety legislation, codes of practice and any additional requirements
		11.2	assess the health and safety and environmental risks in the methods of controlling pests
		11.3	describe the possible environmental damage that could occur and how to respond appropriately
		11.4	explain the correct and appropriate methods for disposing of waste
		11.5	explain the reasons for washing hands and maintaining personal hygiene

		11.6	explain the records required for management and legislative purposes and the importance of maintaining them
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