

Golf Course Greenkeeper

UNIT 5

Establishing plants and seeds in soil (trees, shrubs and turf)

Overview

The aim of this unit is to provide the learner with the knowledge, understanding and skills required to plant and establish plants (trees, shrubs and turf) and seeds in soil. The learner will also provide aftercare to meet specifications for newly established plants or seeds.

	Learner Outcomes		Assessment Criteria
	The learner will:		The learner can:
1	be able to select, use and maintain equipment	1.1	select appropriate equipment for this area of work
		1.2	use equipment according to instructions
		1.3	prepare, maintain and store equipment in a safe and effective working condition throughout
2	be able to select and transport plants and seeds	2.1	select plants and seeds as requested
		2.2	identify a representative sample of plants to include: 5 grasses by genus and species 10 woody plants 10 shrubs 5 herbaceous plants 5 bedding plants by common name
		2.3	handle, prepare and transport plants and seeds in a way that maintains their health and condition
3	be able to establish plants and seeds in soil	3.1	position and plant the plants and seeds according to instructions/drawings
		3.2	provide aftercare to meet the planting specifications

4	be able to work safely and minimise environmental damage	4.1	work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements
		4.2	dispose of waste safely and correctly
5	know and understand the requirements for establishing healthy plants	5.1	describe how to prepare seeds and plants in a way that is appropriate to the plant and conditions
		5.2	state what pH is and how to test for it
		5.3	explain the importance of timing and seasonality on planting to encourage establishment and growth
		5.4	describe how to handle and transport plants in a way which minimises damage and maintains health
		5.5	explain the importance of planting seeds and plants to the correct depth and position
		5.6	describe the aftercare needed to meet planting specifications covering: provision of water, nutrients, protection, support and initial pruning or cutting
		5.7	describe the different types of backfill materials relevant to different types of plants and situations
		5.8	describe the range of protection methods which may be used for different plants e.g. anti-desiccants, tree guards and shelters
		5.9	identify the types of records required and explain the importance of accurate record keeping
6	know and understand how to deal with damage and pollution	6.1	state the correct methods of dealing with accidental damage and pollution
		6.2	describe how to minimize damage and unnecessary waste when working

7	know and understand the types of equipment required and how to maintain them	7.1	describe the equipment which will be necessary for establishing plants and seeds in soil
		7.2	describe methods of maintaining the equipment ready for use
8	know and understand the current health and safety legislation and environmental good practice	8.1	outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work