

## Qualification Unit

This unit forms part of a regulated qualification.

**Unit Title:** Understand Pests, Diseases and Disorders in Plants and Trees

**Unit Reference Number:** R/618/8343

**Level:** Level One (1)

**Credit Value:** Five (5)

**Minimum Guided Learning Hours:** 40

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know about common pests, diseases and disorders that affect plants and trees	1.1 Identify a range of common pests that affect plants and trees 1.2 State the signs and symptoms of pest damage in plants 1.3 State the benefits and drawbacks of a range of commonly used pest control methods 1.4 Identify individuals to whom pest problems and damage in plants and trees should be reported 1.5 State the importance of accurate record keeping when dealing with pests and pest control in plants and trees
2. Be able to monitor plants and trees for pest damage	2.1 Carry out routine monitoring of plants and trees for signs of pest damage 2.2 Implement appropriate pest control methods safely and in line with instructions 2.3 Report issues of pest damage to appropriate individuals in a timely fashion 2.4 Follow relevant health, safety and environmental and animal welfare legislation when dealing with pest control in plants

3. Know about common diseases and disorders that affect plants and trees	3.1	Identify a range of common disorders and diseases that can affect plants and trees
	3.2	State the signs and symptoms of a range of diseases and disorders in plants and trees
	3.3	State the advantages and disadvantages of a range of common control measures for diseases and disorders in plants and trees
	3.4	Identify individuals to whom diseases and disorders in plants and trees should be reported
	3.5	State the importance of accurate record keeping related to pests and pest control measures in plants and trees
4. Be able to monitor plants and trees for signs of disease and disorder	4.1	Carry out routine monitoring of plants and trees for signs of disease and disorders
	4.2	Implement appropriate control measures safely and according to instructions
	4.3	Report issues of disease and disorder in plants and trees to appropriate individuals in a timely fashion
	4.4	Follow relevant health, safety, environmental and animal welfare legislation when dealing with disease and disorder control in plants and trees

## Assessment Requirements

### Pests

Pests: slugs, snails, mites, caterpillars, aphids, other insects and invertebrates, rodents and birds

Symptoms: reduced quality, reduced vigour, poor growth, poor appearance

Control measures: chemical, cultural, biological, exclusion

### Disorders and diseases:

Diseases: fungi, powdery, mildew, rust, mould

Disorders: wilting due to water shortage, scorch due to frost, salt and chemical damage, nutrient

deficiencies

Control measures: chemical, cultural, biological, exclusion