

# LANTw1 - SQA Unit Code H2RE 04

## Identify tree species and their properties



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### Overview

This standard provides the skills knowledge and understanding required to be able to identify tree species and their properties

Tree species identification is a fundamental aspect for anyone working in the trees and timber industry to know what to cut and what not to cut

Properties/characteristics are essential in hazard and safety management when working with trees

This standard is for anyone working with trees

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### Performance criteria

*You must be able to:*

- P1 obtain and use various sources of information to accurately identify and name trees
- P2 use tree **characteristics** to aid identification
- P3 identify tree species in all seasons
- P4 identify common trees grown in Great Britain
- P5 identify plant species associated with growing trees
- P6 identify different tree genera from timber samples

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### Knowledge and understanding

*You need to know and understand:*

- K1 basic principles of botanical classification and nomenclature
- K2 how plant **characteristics** can aid identification
- K3 different plant and tree life cycles (age classes)
- K4 the preferred growing conditions of different tree species
- K5 the landscape use of different tree species
- K6 the timber use of different tree species
- K7 the effects of properties of different woods on your work

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### Additional Information

#### Scope/range

**Characteristics** include:

- 1 leaves: size and shape
- 2 buds
- 3 bark and stems
- 4 growth habit
- 5 flowers, seeds and fruit
- 6 timber

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**Developed by** Lantra

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**Date approved** December 2011

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**Validity** Current

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**Status** Original

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**Originating organisation** Lantra

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**Original URN** new

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**Relevant occupations** Arboriculture and forestry; Coppicing; Chainsaw and forest machine operators; Gardener; Park ranger; Greenkeeper; Groundsman; Landscaper; Nursery worker

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**Suite** Treework; Horticulture

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**Key words** Tree species; common trees; characteristics