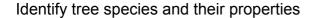
## Identify tree species and their properties



### **Overview**

This standard is about identifying tree species and their properties in either a commercial or amenity context. This includes the identification of trees and timber.

Tree species identification is a fundamental aspect for anyone working in the trees and timber industry, and an understanding of tree properties is essential when working with trees.





### Performance criteria

#### You must be able to:

- 1. obtain and use various tools and sources of information to accurately identify tree species and their properties
- 2. use tree characteristics to aid identification
- 3. identify tree species in all seasons
- 4. recognise how tree properties influence working methods
- 5. recognise how timber properties influence their utilisation
- 6. identify common trees grown in the UK
- 7. identify tree genera from timber samples
- 8. maintain accurate tree identification records according to organisation and relevant legal requirements
- 9. maintain the health and safety of yourself and others at all times, in accordance with relevant legislation

### Identify tree species and their properties



# Knowledge and understanding

You need to know and understand:

- 1. the basic principles of botanical classification and nomenclature
- 2. how to use identification keys
- 3. how plant characteristics can aid identification
- 4. different plant and tree life cycles (age classes)
- 5. the preferred growing conditions of different tree species
- 6. how the effects of tree properties can influence utilisation
- 7. how the timber of different tree species is used
- 8. your responsibilities under relevant environmental and health and safety legislation and codes of practice

## Identify tree species and their properties



# Scope/range

Characteristics include:

- leaves size and shape
- buds
- bark and stems
- growth habit
- flowers, seeds and fruit
- timber

### LANTw76



# Identify tree species and their properties

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Validity	Current
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Originating Organisation	Lantra
Original URN	LANTw1
Relevant Occupations	Arboriculture and forestry; Coppicing; Chainsaw and forest machine operators; Gardener; Greenkeeper; Groundsman; Park Ranger; Landscaper; Nursery Worker
Suite	Treework; Horticulture
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