

LANTw1

Identify tree species and their properties



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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Validity Current

Status Original

Originating organisation Lantra

Original URN new

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

Suite Treework; Horticulture

Key words Tree species; common trees; characteristics