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## Overview

This standard covers the identification and naming of plants using their botanical names.

This standard is for those responsible for working with plants, either in a growing or retail context.

You must carry out your work in a way which will minimise any impact on the natural environment

### Performance criteria

#### You must be able to:

- P1 locate and use appropriate sources of information to accurately identify and name plants using their botanical names
- P2 use the binomial system to accurately define the terms used when identifying plants e.g. family, genus, species, cultivar variety and hybrid
- P3 use a plant's characteristics to aid identification (including uses, habitat, anatomy and morphology)
- P4 identify non invasive, non native, invasive and protected species and act accordingly
- P5 ensure plants are handled in an appropriate manner
- P6 ensure the correct format is used when writing botanical names in accordance with the International Codes for Nomenclature
- P7 ensure labels and other records are completed accurately
- P8 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies

### Knowledge and understanding

#### You need to know and understand:

- K1 the purpose and importance of classifying plants using their botanical names
- K2 the terminology used in plant identification, classification and nomenclature eg family, genus, species, cultivar, variety and hybrid
- K3 the meaning of descriptive botanical names e.g. 'nana' and 'pendula'
- K4 plant characteristics and how they can aid identification
- K5 relevant reference sources e.g. Plant Finder, Community Plant Variety Office (CPVO)
- K6 non indigenous, non native, invasive and protected species and actions to be taken if they are discovered
- K7 the safe working practices for handling plants
- K8 the requirements and restrictions relating to Plant Patent and Plant Breeders' Rights, the licensee organisations and Plant Breeders' Rights inspectorates
- K9 the importance of using the correct format when writing botanical names
- K10 plant recording and labelling systems
- K11 your responsibilities under current environmental and health and safety legislation, codes of practice and company policies

LANH58

Identify and name plants using their botanical names



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