
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

Developed by Lantra

Version number 3.4

Date Approved March 2012

Indicative review date March 2017

Validity Current

Status Original

Originating organisation Lantra

Original URN LANPH14

Relevant occupations Nursery Worker; Garden Centre Worker

Suite Horticulture

Keywords plants; botanical names; non native species; invasive species; protected species
