

Title	Care for floristry stock and merchandise		
Level	2	Credits	5

Purpose	People credited with this unit standard are able to: identify and select flower and plant materials; monitor the quality of incoming flower and plant materials; prepare and condition flower and plant materials; monitor and maintain the condition and appearance of flower and plant materials; monitor and maintain the condition and appearance of floristry stock and merchandise.
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Classification	Horticulture > Floristry
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Available grade	Achieved
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Guidance Information

- 1 The New Zealand Horticulture Industry Training Organisation acknowledges the assistance provided by the Australian National Training Authority (ANTA) in permitting their competency unit to be used as the basis for this unit standard. This unit standard is based on the unit of competency WRFO202B *Care for floristry stock and merchandise*.
- 2 *Flower and plant materials* may include fresh, cut and container grown plants and flowers; flowers e.g. fresh, dry, silks, simulated; plant material eg fresh, dry, silks, simulated, plants, fruit, vegetables.
- 3 *Shop/studio policies and procedures* may include storage and display; stock rotation and expiry dates; controlling the maturation of fresh materials; disposal of diseased and damaged stock; safe handling techniques to minimise plant material contamination; safe handling techniques in relation to imported and locally grown flowers/plant products that may have been treated with toxic substances and chemicals (including pesticides and fungicides); housekeeping; waste disposal; waste minimisation; loss prevention; selection criteria.
- 4 *Relevant legislation* includes but is not limited to the Health and Safety in Employment Act 1992, other published statutes, regulations, codes of practice, guidelines and standards relevant to the particular work site; and their subsequent amendments and replacements.
- 5 *Monitoring and maintenance procedures* may include visual monitoring; checking delivery and expiry dates; following manufacturers' instructions; watering, replacing preservatives, replacing water; maintaining humidity, temperature, and light requirements; pruning, staking; fertilising and/or replenishing; stock rotation and re-conditioning; removing damaged stock and rubbish; dusting, wiping, cleaning.

- 6 *Loss prevention procedures* may include identification of high/low traffic areas; placement of delicate flower and plant materials; placement of premium flower and plant materials; positioning and securing of fragile stock and merchandise.

Outcomes and performance criteria

Outcome 1

Identify and select flower and plant materials.

Range may include markets, growers, auctions, wholesalers.

Performance criteria

1.1 Features of flower and plant materials are identified.

Range may include – appearance and condition of foliage, bloom, stem, bud, degree of maturation.

1.2 Flower and plant materials are selected according to shop/studio policies and procedures.

Range may include – price, availability, stage of maturity, absence of disease and damage.

Outcome 2

Monitor the quality of incoming flower and plant materials.

Performance criteria

2.1 Storage and display areas for flower and plant materials are identified.

Range may include – floor space, windows, front of shop/outdoors, shelves, display fixtures, cabinets, bins, baskets and non permanent fixtures, cool rooms, refrigerators.

2.2 Storage requirements are assessed, and flower and plant materials are stored and displayed according to product requirements and shop/studio policies and procedures.

2.3 Flower and plant materials are unpacked and selection criteria applied according to shop/studio procedures.

Range may include – vivid colours, firm leaves, tight/firm buds, firm/clear petals.

2.4 Unsuitable, inappropriate or damaged stock is dealt with according to shop/studio policies and procedures.

Outcome 3

Prepare and condition flower and plant materials.

Performance criteria

- 3.1 Preparation and conditioning of materials is carried out according to product requirements and shop/studio policies and procedures.
- Range may include – removing foliage, re-cutting stems.
- 3.2 Conditioning techniques are selected and applied according to product requirements and relevant legislation.
- Range may include – providing nutrients, using preservative solutions, using conditioning solutions, cooling, bathing flowers, chemical spraying for pests and diseases, using cleaning agents, dusting or wiping.
- 3.3 Conditioning products are prepared and used according to product requirements and shop/studio policies and procedures.
- Range may include – household bleach, citric acid, commercial preservative solutions.
- 3.4 Environmental conditions for flower and plant materials are identified and maintained according to product requirements and shop/studio policies and procedures.
- Range may include – temperature, humidity, light, water, food supply, exposure to accidental damage through pedestrian traffic.
- 3.5 Containers and storage units are cleaned and used according to shop/studio policies and procedures, product requirements and relevant legislation.

Outcome 4

Monitor and maintain the condition and appearance of flower and plant materials.

Performance criteria

- 4.1 Monitoring and maintenance procedures for the care of flower and plant materials are identified and implemented.
- 4.2 Food and water supplies are maintained according to flower and plant requirements, and shop/studio policies and procedures.
- Range may include – fresh water, fertiliser.
- 4.3 Temperature and humidity requirements of flower and plant materials are managed.

Range may include – storing flowers and plants in cool rooms, refrigerators, at room temperature; misting flowers and foliage.

4.4 Maturation techniques are applied to flower and plant materials according to planned date of use and shop/studio policies and procedures.

Range may include – pinching out anthers and stamens; storage in cool rooms and refrigerators; use of grow lamps, direct sunlight, heat.

4.5 Flower and plant materials are monitored and rotated or replenished as required.

4.6 Pests and diseases are reported or pest controls applied according to relevant legislation and shop/studio policies and procedures.

Range may include – pests and their damage eg aphids, mites, leafminers, caterpillars, mealy bugs; diseases eg rust, botrytis, powdery mildew; nutrient deficiencies in the growing stage; malformations. Pest control may include use of chemicals/non-chemical methods; use of environmentally appropriate methods.

4.7 Loss prevention procedures are applied to flower and plant materials according to shop/studio policies and procedures.

Outcome 5

Monitor and maintain the condition and appearance of floristry stock and merchandise.

Performance criteria

5.1 Handling and storage requirements of stock and merchandise are identified and implemented according to manufacturers' specifications, relevant legislation and shop/studio policies and procedures.

Range may include – storage and arrangement of gift and/or garden items in cabinets, shelves; placement of flowers and plants in buckets, containers; storage of flowers in cool rooms, refrigerators; placement of flowers away from heat sources; placement of plants closer to windows; check of temperature sensors; use of ethylene controls; use of humidity control systems; inspection of soil, water.

5.2 Procedures for cleaning, caring and maintenance of stock and merchandise are identified and implemented according to manufacturers' specifications, relevant legislation and shop/studio policies and procedures.

Range temperature control in cool rooms, refrigerators; water temperature control; humidity control; monitoring expiry dates; stock control; sorting; dusting, wiping, cleaning.

5.3 Quality of stock and merchandise is monitored, and inappropriate or damaged stock is managed according to shop/studio policies and procedures.

5.4 Loss prevention procedures are applied to floristry stock and merchandise.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 December 2004	31 December 2022
Revision	2	24 February 2006	31 December 2022
Review	3	22 October 2020	31 December 2022

Consent and Moderation Requirements (CMR) reference

0032

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.