

ASSESSMENT GUIDELINES

Unit 20561

Grow plants in the field

Level 3, Credit 10, version 2

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Unit standard 20561

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Level of performance required for this unit standard

This is a level 3 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, with some independence; with significant responsibility for the standard of the outcome achieved.
- To apply technical skills and knowledge to complete the task to the specified standard, in a familiar context.
- To interpret available information, and use discretion and judgement.

Assessors may consider linking the assessment of this unit standard with assessment for:

20560 Grow plants in containers

Workplace assessment:

For guidelines on Workplace Assessment, please refer to the NZHITO Workplace Assessors Manual, and for further information, please contact: NZHITO, PO Box 8638, Christchurch, Ph 03 9644 735, Fax 03 9644 737, Website: www.hortito.org.nz

Special notes:

This unit standard replaces unit standard 822.

Workplace procedures refers to verbal or written instructions to staff on procedures for the worksite and equipment.

Legislation relevant to this unit standard includes, but is not limited to, the Health and Safety in Employment Act 1992, the Resource Management Act 1991, and their subsequent amendments.

Work may involve exposure to chemical, dangerous or hazardous substances. Safety procedures are observed in accordance with NZS 8409:2004, *Management of Agrichemicals*, available from Standards New Zealand <http://www.standards.co.nz> or the NZ Agrichemical Education Trust, <http://www.growsafe.co.nz>.

**Unit 20561: Grow plants in the field
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Prepare to grow nursery plants in the field	Yes/No	<ul style="list-style-type: none"> • Prepare three lines of field grown plants. • Identify the types of nursery plants commonly grown in the field. • Identify the growing requirements and a suitable site for the selected plants. These may include soil type and depth, climatic conditions, shelter, crop rotation. • Prepare the soil to meet the specific plant requirements. Preparation may include: removal of crop residue, weed control, pH adjustment, addition of organic matter and fertilisers, depth of cultivation, tilth, bed forming, disinfection, and avoidance of soil damage. • Select and prepare plants for lining out according to practices used on the property: Plants for lining out can be one or more of: bare rooted, container grown, unrooted or rooted cuttings. • Line out plants using a suitable planting method, at the appropriate time, spacing and depth according to practices used on the property. The planting method can be in single or multi rows, hand or machine planted, autumn or spring.
Element 2 Maintain plants in the field	Yes/No	<ul style="list-style-type: none"> • Monitor plants and report progress according to practices used on the property. Monitoring includes: soil water levels, plant health, trueness to type, plant growth rates and development. • Carry out regular plant maintenance according to practices used on the property. Maintenance may include: pruning, training, trimming, fertiliser application, pest and disease control, weed control, irrigation, root pruning.
Element 3 Prepare plants for lifting	Yes/No	<ul style="list-style-type: none"> • Prepare plants for lifting by root pruning or under cutting by hand or machine. Carry out operation appropriately and in a timely manner and according to practices used on the property. • Prune or trim above ground plant parts before lifting as necessary and according to practices used on the property.
Element 4 Lift and prepare plants for sale.	Yes/No	<ul style="list-style-type: none"> • Lift plants from the soil by machine or by hand with minimal damage, and keep different species and cultivars separate according to practices used on the property. • Label plants and bundle or pack onto pallets, bins or trailers as required and transport to the packing or holding area. • Hold the plants in a suitable area to prevent deterioration prior to sale. The plants may be heeled in sawdust or sand beds, roots moistened, plants sheltered, cool stored. • Prepare plants for sale according to buyer requirements and according to practices used on the property. Preparation may include plants bundled and packed, placed in promotional packs, containerised, labeled or other point of sale material attached. • Store plants awaiting dispatch to avoid deterioration. Plants may be irrigated, sheltered, cool stored heeled in sand or sawdust beds.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 20561 (version 2)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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Please send this page to your NZHITO Regional Manager, who will forward it to National Office to register the credits on your NZQA Record of Learning.

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