

ASSESSMENT GUIDELINES

Unit 10325

Demonstrate knowledge of factors influencing the
development of organic horticulture in New Zealand

Level 4, Credit 10, version 4

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Level of performance required for this unit standard

This is a level 4 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under broad guidance, independently; with complete responsibility for the standards of the outcome achieved.
- To apply technical skills, knowledge, and innovation to complete the task to the specified standard, in a variety of familiar and unfamiliar contexts.
- To analyse and interpret available information, and make an informed judgement.

Workplace assessment:

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

Special notes:

1. The following standards apply to this unit standard:
Demeter Standards, Bio Dynamic Farming and Gardening Association, PO Box 39045, Wellington Main Centre, Phone 04 589 5366, Fax 04 589 4365, <http://www.biodynamic.org.nz>;
BIO-GRO Standards, BIO-GRO New Zealand, PO Box 9693, Marion Square, Wellington, Phone 04 801 9741, Fax 04 801 9742, <http://www.bio-gro.co.nz>;
Agriquality New Zealand, Agriquality Organic Standards, <http://www.agriquality.co.nz>;
The Soil and Health Association of New Zealand (Organic Farm New Zealand), <http://www.organicnz.org>;
The New Zealand Food Safety Authority, <http://www.nzfsa.govt.nz/organics>;
NZS 8410:2003 Organic production, available from Standards New Zealand <http://www.standards.co.nz>.
2. Legislation relevant to this unit standard includes but is not limited to the Fair Trading Act 1986, the Consumer Guarantees Act 1994, the Resource Management Act 1991, and the Hazardous Substances and New Organisms Act 1996.

Unit 10325: Demonstrate knowledge of factors influencing the development of organic horticulture in New Zealand (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
<p>Element 1 Demonstrate knowledge of the social and cultural factors that influence the development of organic horticulture in New Zealand.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Health and safety influences on the development of organic horticulture are described. Range: demand for chemical free food, increased individual acceptance of responsibility for health. ▪ Influences of consumer rights legislation, organic regulations, and product certification are identified. Range: Fair Trading Act, Consumer Guarantees Act, organic certification, international regulations. ▪ Societal influences on the development of organic horticulture are identified. Range: sustainability, food safety, environmental awareness, globalisation, social change. ▪ Food safety influences on the development of organic horticulture are identified. Range: issues associated with primary production practices, demand for transparent production systems, demand for accountability of producers. ▪ Environmental awareness influences on the development of organic horticulture are identified. Range: protection of native and other significant flora and fauna; emphasis on sustainable land management; protection of air, water, soil quality.
<p>Element 2 Demonstrate knowledge of the environmental factors influencing the development of organic horticulture in New Zealand.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Demonstrate knowledge of soil degradation, reduction in productive capacity, and biodiversity in fertile growing areas. Range: soil erosion; pest, disease, and weed infestation; loss of biological diversity. ▪ Knowledge of ways in which land management requirements of the Resource Management Act may affect organic horticulture is demonstrated. Range: air quality, water and catchment protection, waste disposal and reduction.
<p>Element 3 Demonstrate knowledge of the commercial factors influencing the development of organic horticulture in New Zealand.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Knowledge of commercial factors influencing the viability of non-organic horticulture is demonstrated. Range: cost of chemical remedies, development of chemical resistance in pests and diseases, cost of preventing and redressing chemical pollution problems, international competition for key export products and commodities. ▪ Knowledge of commercial factors promoting the development of organic horticulture in New Zealand is demonstrated. Range: three of increasing demand for certified organically grown produce, price premiums, long term reduction in production costs, and positive promotion of New Zealand horticulture industry. ▪ Knowledge of commercial factors restricting the development of organic horticulture operations in New Zealand is demonstrated. Range: three of – relatively high cost of diverse plantings on small holdings, high cost of conversion to organic production, perceived non-commercial orientation and lack of market focus of organic industry, risk associated with high disease pressure on established non-resistant crops.

<p>Element 4 Define key factors determining the viability of an organic horticulture venture.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Strategies for development of an aware and selective consumer market are defined. Range: promotion, consumer education, crop choice. ▪ Market requirements to be met in production and provision of produce are defined. Range: quality, consistency of supply, presentation, regulatory production standard met, crop choice, demand, volume, timing. ▪ Management strategies to be used in growing certified organic products are defined. Range: crop and cultivar selection and husbandry, commitment to certification fidelity, sustainable use of resources, use of professional guidance and support, management review, commitment to quality.
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_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 10325 (version 4)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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(Name of Apprentice)

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