

Title	Build and maintain support structures for fruit crops		
Level	3	Credits	5

Purpose	This unit standard is for people working, or intending to work, in fruit production. People credited with this unit standard are able to prepare for fruit crop support structure construction; put in the posts; erect above ground structures; set up the wires; and repair broken structures.
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Classification	Horticulture > Fruit Production
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Available grade	Achieved
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Guidance Information

- 1 All evidence presented in this unit standard must be in accordance with:
 - Health and Safety at Work Act 2015.
- 2 This unit standard is not intended to cover grapes. People working, or intending to work, in viticulture may complete Unit 19931, *Install and maintain grapevine trellis*.
- 3 Definitions
Support structures may include – Lincoln canopy, Tatura trellis, Ebro espalier, post and wire fence for Axis, A and Y frames (pip and stone fruit); T bar, pergola (kiwifruit).
Workplace procedures refer to verbal or written instructions to staff on procedures for the worksite and equipment.

Outcomes and performance criteria

Outcome 1

Prepare for fruit crop support structure construction.

Performance criteria

- 1.1 Select materials, tools, and equipment needed and appropriate to the task.

Outcome 2

Put in the posts for fruit crop structure.

Performance criteria

- 2.1 Carry out construction activities safely.

- 2.2 Measure block and mark post sites according to crop type and support structure.
- 2.3 Dig holes and erect posts in accordance with support structure specifications.
- Range may include but is not limited to – hand dug holes, machine dug holes, post driver, post injector.
- 2.4 Erect end assemblies in accordance with design specifications.
- 2.5 Clean and maintain tools, equipment, and machinery.

Outcome 3

Erect above ground structures.

Performance criteria

- 3.1 Carry out construction activities safely.
- 3.2 Select durable material in accordance with design specifications and the particular use and structure.
- 3.3 Erect above ground support structures in accordance with construction specifications.
- 3.4 Clean and maintain tools, equipment, and machinery.

Outcome 4

Set up the wires.

Performance criteria

- 4.1 Run and fix wires in accordance with design specifications.
- 4.2 Tension wires.

Outcome 5

Repair broken structures.

Performance criteria

- 5.1 Join, or remove and replace, broken wires to maintain the integrity of the structure.
- 5.2 Repair, or remove and replace, broken timber or metal support structures to maintain the integrity of the structure.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	1 February 1994	31 December 2020
Review	2	28 November 1997	31 December 2020
Revision	3	19 July 2001	31 December 2020
Review	4	27 July 2005	31 December 2020
Revision	5	24 February 2006	31 December 2020
Review	6	28 February 2019	N/A

Consent and Moderation Requirements (CMR) reference	0032
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.