

ASSESSMENT GUIDELINES

Unit 10945

Prepare land and make seed beds in a forest nursery

Level 3 Credit 4, version 3

Prepare land and make seed beds in a forest nursery

Unit standard 10945
Level 3, Credit 4, version 3

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 judgment.

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

Entry information:

Prerequisite: Unit 27, *Cultivate by tractor mounted implements*, or demonstrate equivalent knowledge and skills.

Special notes:

1. Legislation relevant to this unit standard includes, but is not limited to the Health and Safety in Employment Act 1992, and its subsequent amendments.

Unit 10945: Prepare land and make seed beds in a forest nursery (Apprentice copy)

| ELEMENT | Competent | Range of evidence an assessor should consider |
|---|---------------|--|
| Element 1 Level land. | Yes/No | <ul style="list-style-type: none"> ▪ Clear crop residue completely to ensure that subsequent operations can proceed without hindrance. ▪ Level to ensure that the general contour of the land is maintained and that ponding areas are eliminated. ▪ Ensure leveling and cultivation sequences preserve and even soil depth over the entire area. ▪ Clean and store implements, ready for future use. |
| Element 2 Recognise and apply base fertilisers. | Yes/No | Range: super phosphate, sulphate of potash, dolomite, agricultural lime, RPR (reactive phosphate rock). <ul style="list-style-type: none"> ▪ Check bag markings and bag labels to confirm fertiliser identity. ▪ Measure out fertiliser according to amounts required. Range: small areas, large areas, kg, bag measure. ▪ Ensure application techniques make sure fertilisers are spread uniformly and at the required rate per hectare. ▪ Clean equipment and store unused materials ready for future use. |
| Element 3 Rip seedbed areas. | Yes/No | <ul style="list-style-type: none"> ▪ Rip areas at optimum soil moisture levels. Range: one soil type- sandy loam, silt loam, clay loam. ▪ Ensure ripping practices result in the complete shatter of the ripped profile. ▪ Ensure ripping practices make sure that the sub soil is not mixed with topsoil. ▪ Clean and store equipment ready for future use. |
| Element 4 Carry out final cultivation. | Yes/No | <ul style="list-style-type: none"> ▪ Cultivate areas at the optimum soil moisture content. ▪ Ensure evenness and depth of cultivation provide soil consistency that enables roots to penetrate readily. Range: cultivation practices include those applicable to both light and heavy soils. ▪ Clean and store cultivation equipment ready for future use. |
| Element 5 Make seed beds. | Yes/No | <ul style="list-style-type: none"> ▪ Ensure seed beds are straight and of even firmness both across and along the bed. ▪ Prepare seedbeds to a standard suitable for germination of a seedling crop. Range: tilth, consistency. ▪ Clean and store bed forming equipment, ready for future use. |

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 10945 (version 3)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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(Assessor copy)**

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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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