

SELF-ASSESSMENT GUIDE

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| Qualification: | HORTICULTURE NC II | |
| Unit of Competency: | PERFORM PRE-HORTICULTURAL FARM OPERATION | |
| Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | | |
| Can I? | YES | NO |
| • Prepare tools, farm implement and simple equipment* | | |
| • Prepare and maintains farm facilities* | | |
| • Secure tools, farm implement /equipment and facilities* | | |
| • Conduct simple repair on damaged tools, facilities and equipment* | | |
| • Conduct basic post-operative checks of tools, farm implements and equipment* | | |
| • Store tools and equipment* | | |
| I agree to undertake assessment in the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor | | |
| Candidate's name: | Date: | |

*Critical aspects of competency

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| Qualification: | HORTICULTURE NC II | |
| Unit of Competency: | PRODUCE VEGETABLE CROPS | |
| Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | | |
| Can I? | YES | NO |
| • Prepare land* | | |
| • Grow seedlings* | | |
| • Transplant seedlings* | | |
| • Maintain growth of vegetables* | | |
| • Harvest crops* | | |
| • Select quality seeds* | | |
| • Conduct seed testing* | | |
| • Apply basic mathematical skills* | | |
| • Apply soil sterilization techniques* | | |
| • Identify different components and proportion of soil media* | | |
| • Apply appropriate kind of fertilizers and pesticides* | | |
| • Observe safe handling of chemicals* | | |
| • Follow maturity indices* | | |
| • Prepare production report* | | |
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| Qualification: | HORTICULTURE NC II | |
| Unit of Competency: | PRODUCE FRUIT-BEARING CROPS | |
| Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | | |
| Can I? | YES | NO |
| • Select and prepare site for planting* | | |
| • Grow seedlings* | | |
| • Transplant seedlings* | | |
| • Grow trees* | | |
| • Harvest fruits using appropriate methods* | | |
| • Know and apply plant propagation* | | |
| • Compute for and apply fertilizer* | | |
| • Control pests and diseases* | | |
| • Calculate plant population* | | |
| • Observe proper handling of chemicals and fertilizer* | | |
| • Use appropriate tools and equipment* | | |
| • Prepare calendar of activities, production reports, financial reports and nursery reports* | | |
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| Qualification: | HORTICULTURE NC II | |
| Unit of Competency: | PERFORM POST-HARVEST OPERATIONS ON MAJOR TROPICAL FRUITS | |
| Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | | |
| Can I? | YES | NO |
| • Remove obstruction from the field before harvest* | | |
| • Check record books for fruits to be harvested* | | |
| • Handle fruits according to principles of TLC* | | |
| • Pick fruits for maximum quality* | | |
| • Apply techniques for determining maturity* | | |
| • Apply postharvest treatments* | | |
| • Collect fruits using baskets with liners* | | |
| • Trim and remove latex from fruits* | | |
| • Use relevant standards, charts and manuals | | |
| • Sort and wash fruits according to enterprise requirements. | | |
| • Operate appropriate postharvest equipment in line with enterprise procedures | | |
| • Package fruits according to variety and destination* | | |

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| • Protect fruits from damages* | | |
| • Store and stack fruits in cool, dry place prior to distribution in line with enterprise procedures* | | |
| • Apply HACCP principles | | |
| • Apply principles and guidelines in postharvest handling of perishable crops | | |
| • Solve problems related to postharvest handling of tropical fruits. | | |
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| Qualification: | HORTICULTURE NC II | |
| Unit of Competency: | PERFORM POST-HARVEST OPERATIONS ON MAJOR LOWLAND AND SEMI-TEMPERATE VEGETABLE CROPS | |
| Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. | | |
| Can I? | YES | NO |
| • Prepare field by inspecting vegetable crop for harvest* | | |
| • Remove obstruction from the field before harvest * | | |
| • Check record/data of vegetable crop prior to harvest* | | |
| • Handle vegetables according to principles of TLC* | | |
| • Pick vegetables based on factors of maximum quality harvest* | | |
| • Gather vegetables under temporary shed* | | |
| • Collect vegetables using baskets with liners* | | |
| • Stack vegetables under temporary shed* | | |
| • Use relevant standards, charts and manuals for appropriate postharvest operations* | | |
| • Trim, sort and wash vegetables according to enterprise requirements* | | |
| • Operate appropriate postharvest equipment in line with enterprise procedures* | | |
| • Prevent damages of vegetables* | | |
| • Package vegetables according to variety and destination* | | |

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| • Store vegetables and stack them in cool, dry place prior to distribution* | | |
| • Sprinkle water to vegetables, when necessary* | | |
| • Apply HACCP principles* | | |
| • Apply principles and guidelines in postharvest handling of vegetables* | | |
| • Solve problems related to postharvest handling of lowland and semi-temperate vegetable crops* | | |
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