

Torere Macadamias/EIT Training Programme

NZ Certificate in Horticulture (Fruit Production) Courses

CHFP3.01 Introduction to the Growing Environment

Carry out routine seasonal fruit production tasks.

Work as an effective member of a team including communication and interaction with team members and colleagues relevant to a role in the horticulture sector.

The purpose of this course is to provide the horticulture industry with individuals who have the skills and knowledge regarding soils and weather to assist with a range of core tasks relevant to a horticulture industry sector.

Learning Outcomes

- Identify the composition and properties of soil.
- Identify the nature of soil water and its influence on the growing environment.
- Apply soil modification techniques to optimise the growing environment of a fruit crop
- Use weather data to interpret the effects of weather on fruit crops.
- Cooperate with team members to improve the growing environment for a fruit crop.

CHFP3.02 Block Development and Maintenance

The purpose of this course is to provide the horticulture industry with individuals who have the skills and knowledge regarding propagation of young plants, irrigation systems and crop support structures to assist with a range of core tasks relevant to a horticulture industry sector.

Learning Outcomes

- Describe appropriate techniques to propagate fruit plants.
- Plant fruit plants and care for fruit crops
- Maintain an irrigation system and communicate results.
- Construct and maintain a range of fruit support structures
- Apply health and safety responsibilities when carrying out daily tasks.

CHFP3.03 Crop Health

The purpose of this course is to provide the horticulture industry with individuals who have the skills and knowledge regarding pests, diseases and weeds, to assist with a range of core tasks relevant to a horticulture industry sector.

Learning Outcomes

- Describe the lifecycles of fruit crop pests, diseases and disorders.
- Identify common weeds, describe their survival methods and their detrimental effects.
- Use appropriate technology to inform and manage the application of control methods for pests, weeds and diseases.
- Control pests, diseases and weeds.
- Apply health and safety responsibilities and environmental requirements in a control programme.

CHFP3.04 Fruit Development and Harvesting

The purpose of this course is to provide the horticulture industry with individuals who have the skills and knowledge for managing crop loads, harvesting fruit in an optimum condition and maintaining and operating machinery, tools and vehicles on horticultural blocks.

Learning Outcomes

- Use appropriate methods to manage a crop load.
- Identify and measure harvest criteria of a fruit crop and apply market compliance standards
- Operate and maintain appropriate tools, vehicles and machinery
- Apply general health and safety responsibilities when carrying out seasonal fruit production tasks

CHFP3.05 Pruning Fruit Crops

The purpose of this course is to provide the horticulture industry with individuals who have the skills and knowledge regarding pruning fruit plants to assist with a range of core tasks relevant to a horticulture industry sector.

Learning Outcomes

- Describe the structure, growth processes and maturation processes of fruit plants.
- Describe fruit plant training systems used in optimising fruit production.
- Prune a range of fruit plants safely and correctly.
- Remove diseased pruning's according to workplace requirements
- Cooperate with team members to report plant health issues.