

## PR-30846 - New Zealand Certificate in Horticulture (Level 3)

### - Fruit Production

Trainee Name: \_\_\_\_\_

Employer: \_\_\_\_\_ Date: \_\_\_\_\_

#### Programme Requirements: Total credits 77

All units must be completed in the Compulsory section and at least 65 credits from the Elective sections. The unit standards in the shaded (grey) rows are delivered by a training provider.

#### Compulsory – Off-job tutorial with on-job learning and assessment

Work as an effective member of a team including communication and interaction with team members and colleagues - 12 credits					
Unit Standard	Level	Credits	Unit Standard Title	Tutorial Day/s	Selections
9681	3	3	Contribute within a team or group which has an objective	1	✓
11097	3	3	Listen actively to gain information in an interactive situation		✓
9680	3	3	Communicate within a specified organisational context		✓
10791	2	3	Participate in an informal meeting		✓

#### Elective - Choose 65 credits from the unit standards listed

**Please Note:** As per EPA Hazardous Substances (Hazardous Property Controls) Notice September 2017, Clauses 60(5), 61(5) and Table 2 - Clause 64, all persons (other than contractors) applying Class 9 Pesticides must be Growsafe Certified or complete Unit Standard 21563.

Carry out routine seasonal fruit production tasks - 65 credits					
Unit Standard	Level	Credits	Unit Standard Title	Tutorial Day/s	Selections
<b>1 Carry out routine seasonal fruit production tasks - 20 credits</b>					
30073	3	5	Carry out manual thinning of tree or vine crops to optimise crop loading		
29823	3	5	Carry out canopy maintenance of trees or vines		
<b>Select a minimum of 5 credits from the following:</b>					
29834	3	5	Field graft and/or bud fruit trees or vines		
29822	3	2	Artificially pollinate tree or vine crops		
29838	3	5	Plant and care for plants		
22193	3	5	Fertilise a selected horticulture area		
<b>Select one of the following:</b>					
831	3	5	Train and prune young and mature vine crops		
832	3	5	Prune and tie up brambles		
830	3	5	Train and prune fruit trees		

Unit Standard	Level	Credits	Unit Standard Title	Tutorial Day/s	Selections
<b>2 Use orchard machinery for routine production tasks - Select at least 5 credits from the following:</b>					
21218	3	5	Operate & maintain powered orchard machinery		
24552	2	5	Check and drive a basic wheel tractor with an attached implement on flat terrain	2	
19044	2	3	Demonstrate knowledge of the legal requirements and hazards associated with tractor use		
24539	3	4	Maintain and use a power take off (PTO) driven implement attached to a tractor		
24553	2	4	Drive a light utility vehicle (LUV) on flat terrain	2	
24556	2	3	Demonstrate understanding of the safe operation of a light utility vehicle		
24554	2	4	Ride a quad bike on flat terrain in the workplace	2	
24557	2	3	Demonstrate understanding of the safe operation of a quad bike		
<b>3 Carry out routine crop harvesting - 5 credits. Select one of the following:</b>					
22186	3	5	Prepare and harvest a horticulture crop by hand		
29845	3	6	Support mechanical crop harvesting		
<b>4 Demonstrate understanding of factors influencing plant growing cycles and basic soil science - 11 credits</b>					
22175	3	6	Demonstrate understanding of soil properties and their effect on plant growth	1	✓
29829	3	5	Demonstrate understanding of plant structure, functions and processes	1	✓
<b>5 Carry out routine maintenance tasks - 5 credits</b>					
28896	3	5	Maintain infrastructure in a primary industry workplace		✓
<b>6 Identify and report signs of weeds, plant pests, diseases, and disorders - 14 credits</b>					
27208	3	8	Identify and describe plant pests, diseases, disorders and methods of prevention and control	1	✓
27210	3	6	Identify and describe weeds, and methods of prevention and control	1	✓
<b>7 Control weeds, plant pests and diseases Select a minimum of 5 credits from the following:</b>					
27213	2	5	Identify and interpret agrichemical product information and demonstrate knowledge of safety with agrichemicals		
21560	3	6	Demonstrate knowledge of agrichemicals		
27215	2	5	Prepare to apply, and apply agrichemicals using hand held equipment		
27216	3	4	Prepare to apply, and apply agrichemicals using motorised equipment		
27217	3	5	Demonstrate knowledge of integrated pest management (IPM)		
21561	2	2	Use, maintain and store agrichemicals personal protective equipment (PPE)		
21563	3	5	Demonstrate knowledge of the HSNO Act, and NZS 8409:2004 for the use of agrichemicals	Growsafe day*	
<b>Total Credits:</b>			<b>Total Tutorial Days:</b>		

\* Growsafe Day see note on page 1.