



## 2678 New Zealand Certificate in Horticulture Level 3 Fruit Production Strand

<b>Name</b>		<b>Employer</b>	
<b>Employee Number (if applicable)</b>		<b>Workplace/Site</b>	
<b>Enrolment Date</b>		<b>Duration</b>	<b>13 months</b>
<b>Programme Title</b>	<b>PR-30846 - 2678 v1 - NZC Horticulture (Level 3) Fruit Production v1</b>		

### Qualification Requirements

You will be awarded this qualification once you have gained 77 credits

52 credits come from the Compulsory Section

25 credits come from the Elective Section

**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.

### Compulsory

The following unit standards are required

Unit No.	Unit Title	Tutorial Day/s	Version	Level	Credits	Selected	
9681	Contribute within a team or group which has an objective	1	7	3	3	3	
11097	Listen actively to gain information in an interactive situation		5	3	3	3	
9680	Communicate within a specified organisational context		6	2	3	3	
10791	Participate in an informal meeting		5	2	3	3	
30073	Carry out manual thinning of tree or vine crops to optimise crop loading		1	3	5	5	
29823	Carry out canopy maintenance of trees or vines		1	3	5	5	
22175	Demonstrate understanding of soil properties and their effect on plant growth	1	2	3	6	6	
29829	Demonstrate understanding of plant structure, functions and processes	1	1	3	5	5	
28896	Maintain infrastructure in a primary industry workplace		1	3	5	5	
27208	Identify and describe plant pests, diseases, and disorders, and methods of prevention and control	1	1	3	8	8	
27210	Identify and describe weeds, and methods of prevention and control	1	1	3	6	6	
					<b>Total</b>	<b>52</b>	<b>52</b>

### Elective

Minimum 25 Credits Required - Follow below rules in grey shading to make unit standard selections

Select <u>only</u> 1 unit standard						
Unit No.	Unit Title	Tutorial Day/s	Version	Level	Credits	Selected
22186	Prepare, and harvest a horticulture crop by hand		2	3	5	
29845	Support mechanical crop harvesting		1	3	6	

A minimum of 5 credits must be selected						
Unit No.	Unit Title	Tutorial Day/s	Version	Level	Credits	Selected
29834	Field graft and/or bud fruit trees or vines		1	3	5	
29822	Artificially pollinate tree or vine crops		1	3	2	
29838	Plant and care for plants		1	3	5	
22193	Fertilise a selected horticulture area		2	3	5	
Select only 1-unit standard						
Unit No.	Unit Title	Tutorial Day/s	Version	Level	Credits	Selected
831	Train and prune young and mature vine crops		5	3	5	
832	Prune and tie up brambles		6	3	5	
830	Train and prune fruit trees		6	3	5	
A minimum of 5 credits must be selected						
Unit No.	Unit Title	Tutorial Day/s	Version	Level	Credits	Selected
21218	Operate and maintain powered orchard machinery		3	3	5	
24552*	Check and drive a basic wheel tractor with an attached implement on flat terrain * Also select Pre-req 19044	2	2	2	5	
19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use		3	2	3	
24539*	Maintain and use a power take off (PTO) driven implement attached to a tractor * Also select Pre-req 19044 & 24552		2	3	4	
24553*	Drive a light utility vehicle (LUV) on flat terrain * Also select Pre-req 24556	2	2	2	4	
24556	Demonstrate knowledge of the safe operation of a light utility vehicle (LUV)		2	2	3	
24554*	Ride a quad bike on flat terrain in the workplace * Also select Pre-req 24557	2	2	2	4	
24557	Demonstrate knowledge of the safe operation of a quad bike		3	2	3	
A minimum of 5 credits must be selected						
Unit No.	Unit Title	Tutorial Day/s	Version	Level	Credits	Selected
27213	Identify and interpret agrichemical product information, and demonstrate knowledge of safety with agrichemicals		1	2	5	
27215	Prepare to apply, and apply, agrichemicals using hand held equipment		1	2	5	
27216	Prepare to apply, and apply, agrichemicals using motorised equipment		1	3	4	
27217	Demonstrate knowledge of integrated pest management (IPM)		1	3	5	
21561	Use, maintain, and store agrichemical personal protective equipment (PPE)		2	2	2	
21560	Demonstrate knowledge of agrichemicals		2	3	6	
21563	Demonstrate knowledge of the HSNO Act, and NZS 8409:2004 for the use of agrichemicals	1 Growsafe	3	3	5	
					<b>Elective Total</b>	
Credit Summary						Selected
Total Credits from Compulsory						<b>52</b>
Total Credits from Elective/s						
<b>Total Qualification Credits</b>					<b>77</b>	

<b>Resource Order - Select resources to be ordered for the trainee</b>			
<b>Send resource order to:</b>	<b>Selected</b>	<b>Name</b>	
<b>Trainee</b>			
<b>Workplace</b>			
<b>Late enrolment class starting within 2 weeks return Resource to Training Advisor</b>			<b>Course Code:</b>
<b>Other</b>			
<b>If Other enter Send To and Address details here:</b>			
<b>Resource ID</b>	<b>Resource Name</b>	<b>Resource Type</b>	<b>Selected</b>
RES-21389	NZC Horticulture L3 - Fruit Production LR	Learner Resource	√
RES-21657	29838 v1 - Plant and care for plants L3 LG & ASS	Combined Resource	
RES-21645	29834 v1 - Field graft and/or bud fruit trees or vines L3 LG & ASS	Combined Resource	
RES-21609	29822 v1 - Artificially pollinate tree or vine crops L3 LG & ASS	Combined Resource	
RES-21582	27217 v1 - Demonstrate knowledge of integrated pest management (IPM) L3 LG & ASS	Combined Resource	
RES-21579	27216 v1 - Prepare to apply, and apply, agrichemicals using motorised equipment L3 LG & ASS	Combined Resource	
RES-21573	27213 v1 - Identify & interpret agrichemical product information, & DKO safety with agrichemicals L3 LG & ASS	Combined Resource	
RES-21516	22193 v2 - Fertilise a selected horticulture area L3 LG & ASS	Combined Resource	
RES-21510	22186 v2 - Prepare, and harvest a horticulture crop by hand L3 LG & ASS	Combined Resource	
RES-21495	21560 v2 - Demonstrate knowledge of agrichemicals L3 LG & ASS	Combined Resource	
RES-21407	832 v6 -Prune and tie up brambles L3 LG & ASS	Combined Resource	
RES-21404	831 v5 - Train and prune young and mature vine crops L3 LG & ASS	Combined Resource	
RES-21401	830 v6 - Train and prune fruit trees L3 LG & ASS	Combined Resource	
RES-21369	29845 v1 - Support mechanical crop harvesting L3 LG & ASS	Combined Resource	
RES-11346	21218 - V3 Operate and maintain powered orchard machinery L3 LA	Learning & Assessment	
RES-11269	21561&27215 -V2/V1 Safe use of agrichemicals at work L2 LA	Learning & Assessment	
RES-21792	Machinery Package L3 LG & AST & EP	Combined Resource	
RES-11275	Quad Bikes L2 LG & EP	Combined Resource	
RES-11274	LUVs L2 LG & EP	Combined Resource	
RES-11273	Tractors L2 LG & EP	Combined Resource	
RES-11114	Tractors Package L2/L3 LG & EP	Combined Resource	

<b>Resource Order - Select resources to be ordered for the Verifier/Assessor</b>			
<b>Send resource order to:</b>	<b>Selected</b>	<b>Name</b>	
<b>Verifier/Assessor</b>			
<b>Workplace</b>			
<b>Other</b>			
<b>If Other enter Send To and Address details here:</b>			
<b>Resource ID</b>	<b>Resource Name</b>	<b>Resource Type</b>	<b>Selected</b>
RES-21794	NZC Horticulture L3 - Fruit Production VAR	Verifier Assessor Resource	