

New Zealand Apprenticeship Horticulture Services - Amenity (Level 3 & 4)

2678 New Zealand Certificate Horticulture Services (Level 3) Amenity

2674 New Zealand Certificate Horticulture Services (Level 4) Amenity

Name		Employer	
Employee Number (if applicable)		Workplace/Site	
Enrolment Date		Duration	33 Months
Programme Title	PR-45883 - NZA - Horticulture Services (Amenity) (Level 4) (Complex) v3		

New Zealand Apprenticeship Requirements

You will be awarded this New Zealand Apprenticeship (NZA) once you have gained the required 205 credits from the unit standard and programme rules for the two qualifications that make up the NZA.

Qualification Requirements

2678 New Zealand Certificate in Horticulture (Level 3) Amenity

You will be awarded this qualification once you have gained a minimum of 70 credits

45 credits come from the Compulsory Section

25 credits come from the Elective Section

A maximum of 75 credits can be selected for this programme

2674 New Zealand Certificate in Horticulture Services (Level 4) Amenity

You will be awarded this qualification once you have gained a minimum of 135 credits

105 credits come from the Compulsory Section

30 credits come from the Elective Section

A maximum of 144 credits can be selected for this programme

Tutorial Days

Off-job training unit standards are noted with the number of days in the tutorial day/s column.

Level 3 - Compulsory

The following unit standards are required.

US	Unit Title	Tutorial Day/s	Version	Level	Credits	Select US & Resource
11097	Listen actively to gain information in an interactive situation	1	6	3	3	NZC Horticulture L3 Amenity LR
28650	Work in a team to achieve designated tasks in a primary industry operation		3	3	3	
17593	Apply safe work practices in the workplace		6	2	4	
21031	Identify annuals, herbaceous perennials, biennials and bulbs and their use	1	5	3	5	
24648	Describe the physical characteristics, and range of, woody stemmed plants and their use		3	3	10	
29829	Demonstrate knowledge of plant structure, functions and processes	1	2	3	5	
30249	Monitor, and carry out routine care and maintenance of amenity hard assets		2	3	5	
30250	Prepare for, plant and maintain plants		2	3	5	
30251	Describe pruning and training, and prune and train trees and shrubs		2	3	5	
Compulsory Total					45	

Level 3 - Elective

25 Credits Required - **Follow the rule in grey shading** to make unit standard selection meet programme completion rules.

US	Unit Title	Tutorial Day/s	Version	Level	Credits	Select US & Resource
A minimum of 25 credits must be selected (A maximum of 12 credits may be selected at Level 2)						
01667	Describe, select, operate and maintain powered amenity machinery and equipment		8	3	5	
06917	Demonstrate basic chainsaw operation in a non-forestry production environment	2	10	2	10	
20533	Select and prepare specialist mower types, mow turf areas, and complete post-mowing requirements		5	3	10	
21560	Explain agrichemical use for primary sector applications		3	3	6	
21561	Use, maintain, and store agrichemical personal protective equipment		3	2	2	
22175	Describe soil properties and their effect on plant growth	1	3	3	6	
25399	Prepare to use, use, and remove a brushwood chipper		4	3	3	
27208	Identify and describe plant pests, diseases, and disorders, and methods of prevention and control	1	3	3	8	
27210	Identify and describe weeds, and methods of prevention and control	1	2	3	6	
27213	Identify and interpret agrichemical product information, and describe safety procedures when working with agrichemicals		2	2	5	
27215	Prepare to apply and apply agrichemicals using hand held equipment		3	2	5	
27216	Prepare to apply and apply agrichemicals using motorised equipment		4	3	8	
27217	Describe key features, principles and benefits of integrated pest management in the primary sector		2	3	5	
21962	Perform grave digging using machinery		2	3	15	
21963	Backfill and make good graves		2	3	5	
21964	Perform a grave collapse consolidation		2	4	10	
29660	Assist with preparation of manual grave digging, carry out and reinstate the grave site		2	2	10	
29664	Carry out grave aftercare		2	2	5	
30248	Establish, monitor, and maintain turfgrass using seed or turf in amenity horticulture		2	3	5	

Credit Summary					Selected
Total Credits from Compulsory					45
(Max 30 credits) Total Credits from Elective/s					
(Max 75 credits) Total Qualification Credits					

Level 4 - Compulsory

The following unit standards are required.

US	Unit Title	Tutorial Day/s	Version	Level	Credits	Select US & Resource
01171	Supervise and provide instruction to staff working in a primary industry operation		10	4	10	NZC - Horticulture - Amenity Strand L4 LR
02773	Demonstrate knowledge of amenity tree health problems		9	4	10	
03008	Demonstrate knowledge of plant classification in horticulture	1	6	4	5	
21032	Describe, assess, prune, and train amenity trees and shrubs		5	4	5	
21565	Describe and manage agrichemicals in accordance with NZS 8409:2021		4	4	10	
22194	Describe plant anatomy and morphology and how plants adapt to different environments	1	3	4	5	
24647	Manage a defined amenity horticulture area		2	4	20	
30252	Describe amenity turf cultivars, and turf management	1	2	4	5	
30255	Prepare for implementation of a seasonal management plan for an amenity site		2	5	20	
30257	Describe sustainable soil management practices for a horticulture site	1	2	4	5	
30258	Demonstrate understanding of legislation in relation to sustainability practices in a horticulture organisation	1	2	4	5	
30267	Apply health and safety risk assessment to the supervision of a team		2	4	5	
Compulsory Total					105	

Level 4 - Elective

30 Credits Required - **Follow the rule in grey shading** to make unit standard selection meet programme completion rules.

US	Unit Title	Version	Level	Credits	Select US & Resource
Select a minimum of 30 Credits from the following unit standards					
01676	Describe, identify, and select plants for landscape work	8	4	7	
17232	Determine application rates for agrichemicals	4	3	4	
21026	Describe, establish and maintain plant collections	5	4	10	
21033	Examine, assess and revegetate indigenous plant communities	5	4	10	
21035	Set up, maintain, and dismantle a plant display	4	4	5	
21036	Identify, plan, display, and maintain plants in conservatories	4	4	10	
22193	Calculate fertiliser requirements, prepare and apply fertiliser, and maintain and store fertiliser equipment	3	3	5	
23704	Write and validate work instructions for a horticultural process	2	4	5	
28852	Carry out a routine maintenance schedule for vehicles, plant, machinery and equipment in a primary industry workplace	2	4	10	
29903	Supervise irrigation in a horticulture growing environment	2	4	6	
32903	Demonstrate and apply knowledge of water conservation and use in a horticulture operation	1	4	5	
Elective Total					

Credit Summary					Selected
Total Credits from Compulsory					105
(Max 39 credits) Total Credits from Elective/s					
(Max 144 credits) Total Qualification Credits					

Resource Order Information

Level 3 - Learner Resource Order

- LR contains all Compulsory unit standards. Individual Elective unit standards must be selected from the Matrix to create Learner Resource folder.

Learner Resource Order Delivery Details		
Send resource order to:	Selected	Name
Learner		
Workplace		
Other		
If Other enter Send To and Address details here:		

Level 3 - Assessor/Verifier Resource Order

- AVR contains Assessor Verifier Guides for all Compulsory unit standards. Individual Elective unit standards must be selected to create AVR folder.

Assessor /Verifier Resource Order Delivery Details		
Send resource order to:	Selected	Name
Assessor/Verifier		
Workplace		
Other		
If Other enter Send To and Address details here:		

Resource ID	Resource Name	Select
RES-23750	NZC Horticulture L3 Amenity AVR (Includes all Compulsory unit standards)	
RES-23594	01667 v8 - Describe, select, operate and maintain powered amenity machinery and equipment L3 AVG	
RES-24253	06917 v10 - Demonstrate basic chainsaw operation in a non-forestry production environment L2 AVG	
RES-23004	11097 v6 - Listen actively to gain information in an interactive situation L3 AVG	
RES-22635	17593 v6 - Apply safe work practices in the workplace L2 AVG	
RES-23595	20533 v5 - Select and prepare specialist mower types, mow turf areas, and complete post-mowing requirements L3 AVG	
RES-23633	21031 v5 - Identify annuals, herbaceous perennials, biennials and bulbs and their use L3 AVG	
RES-21496	21560 v3 - Explain agrichemical use for primary sector applications L3 AVG	
RES-22300	21561 v3 - Use, maintain, and store agrichemical personal protective equipment L2 AVG	
RES-23650	21962 v2 - Perform grave digging using machinery L3 AVG	
RES-23755	21963 v2 - Backfill and make good graves L3 AVG	
RES-23756	21964 v2 - Perform a grave collapse consolidation L4 AVG	
RES-22636	22175 v3 - Describe soil properties and their effect on plant growth L3 AVG	
RES-23609	24648 v3 - Describe the physical characteristics, and range of, woody stemmed plants and their use L3 AVG	
RES-23008	25399 v4 - Prepare to use, use, and remove a brushwood chipper L3 AVG	
RES-22639	27208 v3 - Identify and describe plant pests, diseases, and disorders, and methods of prevention and control L3 AVG	
RES-22641	27210 v2 - Identify and describe weeds, and methods of prevention and control L3 AVG	
RES-23391	27213 v2 - Identify and interpret agrichemical product information, and describe safety procedures when working with agrichemicals L2 AVG	

Resource ID	Resource Name	Select
RES-22286	27215 v3 - Prepare to apply and apply agrichemicals using hand held equipment L2 VAG	
RES-23276	27216 v4 - Prepare to apply and apply agrichemicals using motorised equipment L3 AVG	
RES-23275	27217 v2 - Describe key features, principles and benefits of integrated pest management in the primary sector L3 AVG	
RES-23232	28650 v3 (Hort) - Work in a team to achieve designated tasks in a primary industry operation L3 AVG	
RES-23651	29660 v2 - Assist with preparation of manual grave digging, carry out and reinstate the grave site L2 AVG	
RES-23757	29664 v2 - Carry out grave aftercare L2 AVG	
RES-22637	29829 v2 - Demonstrate knowledge of plant structure, functions and processes L3 AVG	
RES-23596	30248 v2 - Establish, monitor, and maintain turfgrass using seed or turf in amenity horticulture L3 AVG	
RES-23597	30249 v2 - Monitor, and carry out routine care and maintenance of amenity hard assets L3 AVG	
RES-23652	30250 v2 - Prepare for, plant and maintain plants L3 AVG	
RES-23653	30251 v2 - Describe pruning and training, and prune and train trees and shrubs L3 AVG	

Level 4 - Learner Resource Order

- LR contains all Compulsory unit standards. Individual Elective unit standards must be selected from the Matrix to create Learner Resource folder.

Learner Resource Order Delivery Details		
Send resource order to:	Selected	Name
Learner		
Workplace		
Other		
If Other enter Send To and Address details here:		

Level 4 - Assessor/Verifier Resource Order

- AVR contains Assessor Verifier Guides for all Compulsory unit standards. Individual Elective unit standards must be selected to create AVR folder.

Assessor/Verifier Resource Order Delivery Details		
Send resource order to:	Selected	Name
Assessor/Verifier		
Workplace		
Other		
If Other enter Send To and Address details here:		

Resource ID	Resource Name	Select
RES-23193	NZC - Horticulture - Amenity Strand L4 AVR <i>(Includes all Compulsory unit standards)</i>	
RES-23108	01171 v10 - Supervise and provide instruction to staff working in a primary industry operation L4 AVG	
RES-23210	01676 v8 - Describe, identify, and select plants for landscape work L4 AVG	
RES-23120	02773 v9 - Demonstrate knowledge of amenity tree health problems L4 AVG	
RES-23122	03008 v6 - Demonstrate knowledge of plant classification in horticulture L4 AVG	

Resource ID	Resource Name	Select
RES-23195	17232 v4 - Determine application rates for agrichemicals L3 AVG	
RES-23124	21026 v5 - Describe, establish and maintain plant collections L4 AVG	
RES-23112	21032 v5 - Describe, assess, prune, and train amenity trees and shrubs L4 AVG	
RES-23202	21033 v5 - Examine, assess and revegetate indigenous plant communities L4 AVG	
RES-23126	21035 v4 - Set up, maintain, and dismantle a plant display L4 AVG	
RES-23197	21036 v4 - Identify, plan, display, and maintain plants in conservatories L4 AVG	
RES-23106	21565 v4 - Describe and manage agrichemicals in accordance with NZS 8409:2021 L4 AVG	
RES-22665	22193 v3 - Calculate fertiliser requirements, prepare and apply fertiliser, and maintain and store fertiliser equipment L3 AVG	
RES-23199	22194 v3 - Demonstrate understanding of plant anatomy and morphology and how plants adapt to different environments L4 AVG	
RES-23745	23704 v2 - Write and validate work instructions for a horticultural process L4 AVG	
RES-23118	24647 v2 - Manage a defined amenity horticulture area L4 AVG	
RES-23104	28852 v2 - Carry out a routine maintenance schedule for vehicles, plant, machinery and equipment in a primary industry workplace L4 AVG	
RES-23185	29903 v2 - Supervise irrigation in a horticulture growing environment L4 AVG	
RES-23132	30252 v2 - Describe amenity turf cultivars, and turf management L4 AVG	
RES-23110	30255 v2 - Prepare for implementation of a seasonal management plan for an amenity site L5 AVG	
RES-23128	30257 v2 - Describe sustainable soil management practices for a horticulture site L4 AVG	
RES-23130	30258 v2 - Demonstrate understanding of legislation in relation to sustainability practises in a horticulture organisation L4 AVG	
RES-23205	30267 v2 - Apply health and safety risk assessment to the supervision of a team L4 AVG	
RES-23306	32903 v1 - Demonstrate and apply knowledge of water conservation and use in a horticulture operation L4 AVG	