

National Certificate in Agrichemical Application

Level 3 or 4

79–105 Credits



Trainee name:

Company name:

Qualification requirements

To achieve this qualification, trainees must complete the following:

- All core compulsory unit standards
- Selected core elective unit standards
- One of the following strands:
 - Livestock external parasite control
 - Total vegetation control
 - Aquatic
 - Broadacre application
 - Brush application

Special notes

Unit Standards 21563 and 21564 in the compulsory section equate to GROWSAFE® Introductory Certificate training in the use of agrichemicals. For more information see www.growsafe.co.nz

Core compulsory unit standards

Unit standard	Level	Credit	Prerequisite or comment	✓
6401 Provide first aid	2	1	Off-job course Prerequisite: 6402 required	✓
6402 Provide resuscitation level 2	1	1	Off-job course	✓
6245 Transport agrichemical concentrates by road and develop an emergency procedure guide	4	8	Prerequisite: Full driver licence for vehicle. Either Approved Handler test certificate under the HSNO Act or a Dangerous Goods (D) driver licence endorsement	✓
6246 Drive application equipment carrying diluted agrichemicals and develop an emergency procedure guide	4	8	Prerequisite: same as unit 6245 (above)	✓
17232 Determine application rates for agrichemicals	3	4		✓
19578 Describe and maintain health and safety in an agricultural contracting workplace	2	4		✓
21544 Demonstrate knowledge of the environmental aspects of agrichemical use	3	6		✓
21554 Demonstrate knowledge of safety with agrichemicals	2	3		✓
21560 Demonstrate knowledge of agrichemicals	3	6		✓
21563 Demonstrate knowledge of the HSNO Act, and NZS 8409:2004 for the use of agrichemicals	3	5	Off-job course	✓
21564 Prepare to apply, and apply, agrichemicals	3	5	Off-job course Prerequisite: 21563 recommended	✓
21565 Manage agrichemicals in accordance with NZS 8409:2004	4	10	Prerequisite: 21563 required	✓
Total compulsory credits		61		

Core elective unit standards

Select a minimum of 6 credits.

Unit standard	Level	Credit	Prerequisite or comment	✓
6238 Operate a knapsack motorised mist blower for agrichemical application	3	6		<input type="checkbox"/>
6241 Use a wiper type applicator for agrichemical application	2	2		<input type="checkbox"/>
6242 Prepare to apply, and apply, agrichemicals to crops by band spraying	4	10	Prerequisite: 6236 required	<input type="checkbox"/>
6255 Drive a wheel tractor towing a heavy load	3	3	Prerequisite: 24552 required	<input type="checkbox"/>
6400 Manage first aid in emergency situations	3	2	Off-job course Prerequisite: 6401 required	<input type="checkbox"/>
6469 Maintain small plant and equipment on civil construction works	1	2	Prerequisite: Class 1 driver licence required	<input type="checkbox"/>
16701 Demonstrate knowledge and skills for driving on a road for endorsement W (wheels)	3	3	Prerequisite: Class 1 driver licence required	<input type="checkbox"/>
16718 Demonstrate knowledge of law and practice for the transport of Dangerous Goods by road	3	5	Off-job course Prerequisite: Class 1 driver licence required	<input type="checkbox"/>
17978 Operate a light four wheel drive (4WD) vehicle in an off-road environment	3	4	Off-job course Prerequisite: Driver licence required	<input type="checkbox"/>
20798 Describe and use a Global Positioning System (GPS) for a specified agricultural activity	3	2		<input type="checkbox"/>
21551 Demonstrate knowledge of integrated pest management (IPM) for agrichemical supply	3	3		<input type="checkbox"/>
23436 Demonstrate knowledge of the self-supervision requirements for overweight vehicles crossing bridges	4	4	Off-job course	<input type="checkbox"/>
24552 Check and drive a basic wheel tractor with an attached implement on flat terrain	2	5	Prerequisite: 19044 required	<input type="checkbox"/>
Total elective credits (minimum of 6 required)		53		

Optional strand unit standards

Select one of the following strands. Note that all unit standards within the selected strand must be completed.

- Livestock external parasite control
- Total vegetation control
- Aquatic
- Broadacre application
- Brush application

Livestock external parasites control strand

Select:

Unit standard	Level	Credit	Prerequisite or comment
6247 Prepare to apply, and apply, agrichemicals for external parasite control in livestock	4	20	
Total strand credits		20	

Total vegetation control strand

Select:

Unit standard	Level	Credit	Prerequisite or comment
6236 Operate a boom or band sprayer for agrichemical application	4	10	
6237 Operate a handgun sprayer for agrichemical application	3	6	
6239 Prepare to apply, and apply, agrichemicals for total vegetation control	4	10	
Total strand credits		26	

Aquatic strand

Select:

Unit standard	Level	Credit	Prerequisite or comment
6236 Operate a boom or band sprayer for agrichemical application	4	10	
6237 Operate a handgun sprayer for agrichemical application	3	6	
6240 Prepare to apply, and apply, agrichemicals to control aquatic weeds	4	10	
Total strand credits		26	

Broadacre application strandSelect:

Unit standard	Level	Credit	Prerequisite or comment
6236 Operate a boom or band sprayer for agrichemical application	4	10	
23619 Describe pests in crops and pasture and agrichemicals for their control	4	12	
23620 Prepare to apply, and apply, agrichemicals to control pests in crops or pasture	4	16	Prerequisite: 23619 required
Total strand credits		38	

Brush application strandSelect:

Unit standard	Level	Credit	Prerequisite or comment
6237 Operate a handgun sprayer for agrichemical application	3	6	
23617 Prepare to apply, and apply, agrichemicals to control brush weeds	3	6	
Total strand credits		12	