

National Certificate in Agrichemical Application Level Three or Four – 79-105 Credits

Training Plan

(Full name) _____

The National Certificate in Agrichemical Application is a Level 3 or 4 qualification, comprising 79-105 credits.

To be awarded the qualification trainees must complete:

- Core Compulsory Units
- Core Elective Units
- One or more of the following strands:
Livestock External Parasites, Total Vegetation Control, Aquatic, Broadacre or Brush

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

Please note: The ticked units can only be achieved by attending an off-job course.

Core Compulsory Units – All the units listed below are required.

Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments
6401	Provide first aid	2	1	6402	✓	
6402	Provide resuscitation Level 2	1	1		✓	
6245	Transport agrichemical concentrates by road and develop an emergency procedure guide	4	8			Driver Licence and Test Handlers cert or endorsement must be held
6246	Drive application equipment carrying diluted agrichemicals and develop an emergency procedure guide	4	8			Appropriate licence and Test Handlers cert or endorsement must be held
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	4	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		✓	
21564	Prepare to apply, and apply, agrichemicals	3	5		✓	21563 recommended
21565	Manage agrichemicals in accordance with NZS 8409:2004	4	10	21563		

Core Elective Units – A minimum of 6 credits are required.

Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	Tick to select
6238	Operate a knapsack motorised mist blower for agrichemical application	3	6				
6241	Use a wiper type applicator for agrichemical application	2	2				
6242	Prepare to apply, and apply, agrichemicals to crops by band spraying	4	10	6236			
6255	Drive a wheel tractor towing a heavy load	3	3	24552			
6400	Manage first aid in emergency situations	3	2	6401	✓		
6469	Maintain small plant and equipment on civil construction works	1	2			Minimum Full Class 1 Driver Licence required	
16701	Demonstrate knowledge and skills for driving on a road for endorsement W (wheels) Licence	3	3				
16718	Demonstrate knowledge of law and practice for the transport of Dangerous Goods by road	3	5		✓		

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Core Elective Units – Continued.							Tick to select
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
17978	Operate a light four wheel drive (4WD) vehicle in an off-road environment	3	4		✓	Driver Licence required	
20798	Describe and use a Global Positioning System (GPS) for a specified agricultural activity	3	2				
21551	Demonstrate knowledge of integrated pest management (IPM) for agrichemical supply	3	3				
23436	Demonstrate knowledge of the self-supervision requirements for overweight vehicles crossing bridges	4	4		✓		
24552	Check and drive a basic wheel tractor with an attached implement on flat terrain	2	5	19044			
Total Elective Credits							

Strand Options – One of the following strands is required.

Livestock External Parasites Strand – The unit listed below is required.							<input type="checkbox"/> Tick to select strand
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
6247	Prepare to apply, and apply, agrichemicals for external parasite control in livestock	4	20				

Total Vegetation Control Strand – All the units listed below are required.							<input type="checkbox"/> Tick to select strand
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
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				

Aquatic Strand – All the units listed below are required.							<input type="checkbox"/> Tick to select strand
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
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				

Broadacre Strand – All the units listed below are required.							<input type="checkbox"/> Tick to select strand
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
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	23619			

Brush Strand – All the units listed below are required.							<input type="checkbox"/> Tick to select strand
Unit No.	Unit Standard Title	Level	Credit	Pre-requisites	Off Job	Comments	
6237	Operate a handgun sprayer for agrichemical application	3	6				
23617	Prepare to apply, and apply, agrichemicals to control brush weeds	3	6				