



GROWSAFE[®] Introductory Certificate Recertification 2010

Pre-course requirement

Name: _____

Date: _____

Trainer: _____

Trainer No. _____

This pre-course requirement and the questions contained in it must be completed before attending the training day. It must be brought with you to the course and handed to the trainer.

GROWSAFE® INTRODUCTORY RECERTIFICATION

This pre-course requirement has been designed to identify whether the knowledge gained in your initial GROWSAFE®/Approved Handler course has been implemented.

It also forms part of your assessment as evidence to prove competency.

Attendance at a recertification course does not guarantee your GROWSAFE® certificate or your approved handler test certificate will be automatically re-issued. .

To have your GROWSAFE® certificate revalidated, you will need to provide proof of competency over the past five (5) years. **You are required to present the following evidence:** (Please note: photocopies will be accepted)

Current GROWSAFE® certificate

- ✍ Certificate No. _____ Expiry date _____ Trainer _____
- ✍ Current agrichemical list including adjuvants
- ✍

Approved Handler Certificate.

- ✍ Certificate No. _____ Expiry date. _____
- ✍ Three (3) examples of **records of agrichemical use** since your certificate was last issued, listing you as the user (Spray diaries - Templates enclosed)
- ✍ Complete the questions on pages 3 - 5
- ✍ Complete the case study at the back of the questions

Candidate to complete:

Declaration:	I declare that all the answers given here are all my own work: <i>(signature)</i>
Course date:	
Industry type: e.g. forestry, orchard	
Manual number:	
C ? NYC ?	<i>Trainer signature:</i>

Do you have access to NZS8409 THE MANAGEMENT OF AGRICHEMICALS (2004 version)

YES / NO

Please answer the following questions relating to the Resource Management Act:

Resource Management Act - RMA

Resource Management Plan:

* Regional Council Air Plan summaries are enclosed in this booklet or available from the TBT website or your local council. Full copies of Air Plans can be obtained from each council.

Region(s) operating in:

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What is the relevant plan?

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Are there any prohibited rules in relation to agrichemicals?

What requirements are there concerning spray drift?

What notification is required?

What requirements are there for spray plans?

What requirements are there for record keeping?

Health and Safety in Employment Act (HSE):

Does your Health and safety Plan cover hazards relating to agrichemicals?
YES / NO

If yes, please give an example

If no, please explain why not

Who is responsible for your accident register?

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HSNO Hazardous Substances and New Organisms Act- HSNO Act

Agrichemical Controls

Do you have copies of Product Safety Cards (Haznote™) OR Safety data sheets for the Agrichemicals used? YES / NO

Do you, or your employer/organization store Agrichemicals? YES / NO

Do you store or use any tracked substances? YES / NO

Do you have a storage manifest? YES / NO

Do you keep a Spray Log/Spray Diary? YES / NO

Have you added any new products to your agrichemical list or using any new Trade names in the last 5 years? YES/NO

If YES how do you find out about the controls for these new Trade Name products.

The Test Certifier will need to complete either ERMA form ER-AF-HS-13-1¹ or ER-AF-HS-14-1¹ to renew your approved handler test certificate for agrichemicals. Agrichemicals are as defined in NZS8409:2004, Appendix A and for the following stages of the life cycle - Use, Storage and Disposal.

If you are just renewing your original certificate ie there are no changes to the life cycles written on your current certificate, then a Test Certifier needs to complete ERMA form ER-AF-HS-13-1.

Where there is an upgrade to your original certificate, the form ER-AF-HS-14-1 needs to be used. An upgrade is where there is an additional substance or life cycle required to be on your Test certificate. In this instance you will need to be assessed for competency and your Test Certifier can advise you on this.

Approved handler certificate no:_____

Expiry date:_____

Original certificate has been sighted:_____

Your in - course recertification manual contains the necessary forms as listed above and are **to be filled out by the Test Certifier** who is issuing your new approved handler certificate.

Please read the information provided to assist you on the renewal of your Approved Handler Test Certifier or go the ERMA website www.ermanz.govt.nz and click on approved handler renewals. You can also contact your GROWSAFE[®] trainer or the Test Certifier who issued your original certificate.

¹Recommended only by ERMA for Test Certifiers to use for approved handler certificate renewal or upgrade. Test Certifiers may use other approved forms.

AGRICHEMICAL APPLICATION GROWSAFE® SELF ASSESSMENT

The following questions relate to your current activity. It is designed for you to think about how you rate yourself in your present work place and any areas that need to be improved.

For each of these, please tick the rating 0, 1, 2, 3, 4, 5 or N/A on how you think it applies to you or your operation.

Listed below is the explanation of what the rating system means:

5 = FULLY COMPLIANT

4 = MOSTLY COMPLIANT - ONLY A FEW MINOR THINGS TO SORT OUT

3 = SATISFACTORY BUT ROOM FOR IMPROVEMENT

2 = NEEDS SOME AREAS ATTENDING TO TO REACH THE MINIMUM STANDARD

1 = LONG WAY FROM COMPLIANT

0 = DON'T KNOW

N/A = NOT APPLICABLE

Please note that in filling out this precourse requirement schedule you may be asked to justify your answers

Section	0	1	2	3	4	5	N/A
Management Plan							
Information sources about the agrichemical used, are available							

Storage of agrichemicals							
Provisions to contain spills adequate e.g bunding							
The store is clear of residential buildings, waterways or other sensitive areas							
The store is away from hazards							
Fire extinguishers							
Store ventilation							
Store lighting							
Store placarding							

Section	0	1	2	3	4	5	N/A
Store Management							
Store Security (i.e. lockable)							
Emergency management information is available for all stored substances (e.g. PSC, SDS, HAZNOTES™)							
Current store manifest is available Note: a manifest can be kept in the store provided that an “expected” manifest is available away from the store.							
The person responsible is identified							
All container labels are intact and legible							
Records of tracked substances available (ID, quantity, location)							
Substances segregated in store (insecticides, herbicides, fungicides)							
Liquids stacked below dry formulations, drums including 20 litre not more than 2 tiers high.							

Section	0	1	2	3	4	5	N/A
Emergency Response Plan							
An appropriate Emergency Response Plan is in place							
The persons responsible for action are identified							
Spill kit is available and labelled							
Fire extinguishers are available							
Smoke alarms fitted if required							
Site plan is available							
First Aid kit							

Section	0	1	2	3	4	5	N/A
Protective Equipment							
A minimum of gloves, overalls and eye protection is available in the store							
Supply of clean water is available near the store							
Use of Agrichemicals							
An appropriate hazard identification and management plan is operative							
I am competent in the use of agrichemicals (evidence of training is supplied)							
Information to enable the safe, responsible and effective use of agrichemicals is readily available for all agrichemicals used							
All agrichemicals used are registered for that use							

Section	0	1	2	3	4		
Handling and mixing facilities and procedures							
Containment provision (e.g. bunding)							
There is a suitable place for measuring and mixing							
Accurate measuring equipment is used							
Supply of clean water is available							
Where agrichemical mixtures are used, procedures are followed to check compatibility							
Application equipment							
The spray equipment is appropriate for the task							
It is accurately calibrated							
Decontamination							
Equipment is stored correctly							
Equipment is cleaned correctly							

Section	0	1	2	3	4	5	N/A
Spray Drift							
Sensitive areas have been identified before agrichemical application							
Drift Management							
Documentation (the records show)							
The identity of the agrichemical and the application rate used							
Property Spray Plan							
The weather conditions at the application site							
The location of records of tracked substances and where used (tracked substances records of use must be kept for 3 years)							

Section	0	1	2	3	4	5	N/A
Disposal							
All unwanted agrichemical concentrates put under storage prior to disposal							
All unwanted agrichemicals are in sound appropriate containers							
Disposal methods for class 6 and class 9 substances							
Surplus Spray Mix							
The disposal method for surplus spray mix							
With-holding periods for the disposal area are observed							
Containers							
There is a record for the empty container disposal of tracked substances							
All empty containers are tripled rinsed and stored securely prior to disposal							
The disposal method used for empty agrichemical containers is acceptable							

Case Study - GROWSAFE® Introductory Recertification

This section needs to be completed prior to the course and brought along with you on the day.

The task:

Task:	Thistle control in pasture using Relay® Super S
Target site:	Californian and Nodding Thistle
Mode of action:	Taken in through the leaves and stems, moves in the plant
Application site:	40 ha block about 20 km west of Hastings
Agrichemical source:	Store at your workplace
Hazards:	Areas of grapes and other horticultural crops less than 2 km away, on the eastern boundary. No houses within 1 km, no horticultural crops to the west, Primary School ½ km to the south
Special problems:	Volatility of the herbicide, thistles getting beyond the rosette stage.
Weather forecast:	Temperature 27 ⁰ C (max), Humidity - 60%, Wind speed - about 2km/h. Wind direction – Westerly

Key Questions:

What extra information do you need?
Where would you find that information?

What are your local council requirements?
Can the job be done safely?

Transport

Question	Comment
Is the agrichemical a DG?	
Is a D endorsement required	
Segregation requirements	

Storage

Question	Comment
Is an LTC needed	
Tracking needed	
AH needed	
Segregation requirements	
Solid or liquid	
Signage needed	
Secondary containment	

Application

Question	Comment
Application equipment to be used	
Mixing procedure	
Notification	

Question	Comment
Bees	
Sensitive areas	
Weather	
PPE	

Disposal

Question	Comment
What happens to the empty container?	
What happens to any surplus spray mixture?	

Emergency Management

Question	Comment
Is an Emergency Response plan needed?	
Draw a diagram of the application site in the space below.	