

information sheet
Chemical Safety



FMG
Advice & Insurance



AGRECOVERY
Rural Recycling Programme

MATERIAL INFORMATION SHEET available from the EPA New Zealand Approval Notice. Vendors contain any kind of responsibility according to the relevant MRL in the New Zealand Food Standards.

BEFORE APPLYING, SHAKE WELL BEFORE USE. This product may cause serious damage to other desirable plants. Do not apply to non-cropland areas.

DIRECTIONS

| Rate | Area | Rate | Rate |
|--------|--------------------|--------|---------------------|
| 25 mL | 100 m ² | 100 mL | 400 m ² |
| 50 mL | 200 m ² | 200 mL | 800 m ² |
| 100 mL | 400 m ² | 400 mL | 1600 m ² |

Mix in sufficient water to obtain even coverage. Apply in spring or autumn when all weeds are growing actively, and while soil is moist. Do not apply under drought conditions. In dry conditions add a non-ionic surfactant such as Multi-Film Extra.

Do not use around any trees or vines less than 7 years old. Do not allow the spray to drift onto desirable plants.

Do not exceed the relevant MRL in the New Zealand Food Standards. Do not apply to non-cropland areas such as cobbles, driveways and concrete. Do not apply to any surface that will be used for growing crops. Do not apply to any surface that will be used for growing crops. Do not apply to any surface that will be used for growing crops. Do not apply to any surface that will be used for growing crops.

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Did you know?

Burning or burying chemicals and packaging on your property is an unacceptable practice due to the risk of harm to people, livestock and aquatic life, and the effects on air and water quality. It may also breach your local regulations or supply chain standards.

Since its launch in 2007 Agrecovery has recycled over one million kilograms of container plastic.

- Laid end to end, that many containers would stretch about 325km or the length of the Clutha River, New Zealand's second longest river.
- By recycling with Agrecovery, farmers and growers have avoided using the equivalent of 8,500 cubic meters of farm dumps, or unnecessarily polluting the air and land by burning the plastic.
- Using this volume of recycled plastic compared to new plastic has an energy saving equivalent to over 1.8 million litres of petrol.

Be part of the solution!

Everyone who uses Agrecovery services can download reports of their recycling activity to use as evidence for supply chain compliance or assurance programmes.

Who is FMG?

FMG is New Zealand's number one rural risk advice and insurance specialist. We have been involved with rural New Zealand for over 100 years and we remain 100% committed to our clients – all those who live on the land, work on the land or support those who do.

How you can contact us

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We also provide specialised cover

- Farm and private vehicles
- Farm buildings and contents
- House and household contents
- Irrigators
- Livestock

Chemical Safety Information Sheet

Reducing Risk in the Shed

Tips for purchase, storage, handling and disposal of agrichemicals and their packaging.

Modern agrichemicals and animal health products help farmers and growers achieve positive outcomes that would have been unheard of a generation ago.

However the intensification of farming and increased focus on health and safety and environmental factors also brings an obligation to minimise any adverse effects that could be caused by inappropriate use and disposal.

In this guide, FMG has teamed up with Agrecovery Rural Recycling to give advice on how to safely handle agrichemicals from purchase and storage right through to recycling.

This publication is a convenient guide only and should be used in conjunction with the Industry Standard and other sources referenced within.



Your Responsibilities

As a user of agrichemicals you have an obligation to comply with the legislation that relates to them. These include the Resource Management Act, the Health and Safety in Employment Act and the Agricultural Compounds and Veterinary Medicines Act, to name a few.

To help users understand and comply with all relevant legislation, an Industry Standard has been developed: NZS8409:2004 Management of Agrichemicals. This is available from Standards New Zealand at www.standards.co.nz. The Standard provides practical and specific guidance to ensure agrichemicals are handled and used correctly and best practice is followed to minimise any adverse impact on human, environmental and animal health.

An Approved Handler Certificate may also be required to legally purchase and use some chemicals. In these cases, suppliers are legally obliged to ask purchasers for evidence of certification.

Industry Training

GROWSAFE is an industry-provided organisation which covers the knowledge and practices required for safe, responsible and effective use of agrichemicals.

- Training courses and certificates are based on the NZS8409:2004 Industry Standard. Certificates are available from introductory to advanced and specialist levels.
- You can become an Approved Handler by attending a GROWSAFE training course.
- All commercial users of agrichemicals and animal health products are encouraged to become GROWSAFE accredited.

For more information on the Standard and training courses please visit www.growsafe.co.nz.

Purchasing Your Products

1. Look for ACVM registration

Agricultural compounds sold, and veterinary medicines used in NZ must be authorised by the ACVM Act (1997). This has a number of benefits for you as the user:

- Product claims are supported by evidence.
- Products are safe when used as directed.
- Products are supplied in appropriate packaging.
- Product labels contain accurate information, such as:
 - active ingredients and concentrations,
 - directions for safe use and withholding periods, and
 - batch and expiry dates.

It is recommended that you don't:

- Buy chemicals not showing an ACVM registration (unless exempt).
- Import your own chemicals from overseas.
- Buy chemicals second-hand or in non-standard packaging.

2. Look for the Agrecovery logo

Most brands which support the Agrecovery programme have added the Agrecovery logo to their packaging. This shows you can recycle the container for free, or dispose of any unwanted or expired product when you can no longer use it.

We recommend supporting the brands that support this industry solution.

See more information on disposal from Agrecovery under 'Disposal and Recycling'.



Storage and Handling

Secure storage and handling of agrichemicals is required to ensure compliance with the law and to protect people, animals and the environment. A summary of key criteria is listed below.

Location

- A stand-alone shed is best, otherwise use a secure room or dangerous goods approved cabinet in an existing building.
- Away from hazards such as incinerators, welding gear, fuel or flammables, with a 3m perimeter clear of any vegetation or refuse.
- Away from areas of possible pollution risk: to livestock buildings, feed, crop or milk storage, waterways and water supplies.
- Away from any dwellings or property boundary.

Facilities

- Secure and well lit: no unauthorised access.
- No gaps for pets, birds and vermin to enter.
- Sealed or bunded floor or drip trays that will contain 50% of the total liquid stored.
- Means for blocking any spills into stormwater intakes or waterways.
- Spill kit including absorbent and containment materials.
- Measuring equipment and easy access to appropriate Personal Protective Equipment (PPE).
- Eyewash facilities, fire-fighting and first aid equipment, emergency contact numbers.
- Appropriate warning signage.
- Strong and stable shelving with an impervious surface to cope with any spillage of the products being used.

Stacking

- Separate chemical types as much as possible, e.g. herbicides away from insecticides, and drenches/vaccines away from dips.
- Store liquids on bottom shelf with powders and granules above.
- Keep cardboard and paper containers off the floor and away from exterior walls (keep dry).

Management

- Nominate a certified person to be in charge of the store.
- Have an emergency plan and keep it in an accessible, waterproof place outside the store.
- Keep a product manifest with safety data sheets up to date and in a separate location.
- Use older product before new to avoid products passing their best-before dates. Obsolete chemicals take up valuable storage space and can become a risk over time if packaging degrades or labels are lost.

Handling

- ALWAYS wear appropriate Personal Protective Equipment (PPE): nitrile gloves and a face shield or eye protection as a minimum.
- Know the product that you are handling: keep it in the original packaging and follow the label instructions.
- Rinse all empty containers and measuring devices immediately after use.

Need more info?

A more comprehensive storage checklist is available at www.agcarm.co.nz in the resources section.

Disposal and Recycling

Agrecovery is New Zealand's solution for safe disposal of unwanted agrichemicals, dairy hygiene and animal health products, including the recycling of their packaging.

Over sixty suppliers to the primary sector voluntarily fund Agrecovery, removing the need for user-pays fees (excluding disposal of some chemicals).

Disposal and recycling programmes are outlined below.

Agrichemicals

Agrecovery collects unwanted/expired chemicals via regional collection events. Collections are usually held in each region every one or two years.

You can register chemicals at any time at www.agrecovery.co.nz.

Empty packaging

0-60L containers can be taken to more than 70 collection sites and events nationwide, or Agrecovery can collect on-property for large quantities (300+ containers). Containers from over 60 brands are free to recycle.

61-1000L drums and IBCs are collected direct from your property. Book a collection on www.agrecovery.co.nz. Drums/IBCs from participating brands are eligible for free collection.

All items presented for recycling must be triple rinsed and free from residue or dirt.

For a list of participating brands and collection sites, or to make a booking, visit www.agrecovery.co.nz or call 0800 247 326.



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Write to us at
PO Box 1943
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Visit our website
www.fmg.co.nz

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call **0800 366 466**

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