

Local Government and Product Stewardship



**Product
Stewardship
Centre of
Excellence**

Webinar, 24 March 2022

www.stewardshipexcellence.com.au



Product Stewardship Centre of Excellence



@stewardshipAU

Today's speakers



Dominique Doyle
Agsafe



Rebecca Brown
*Western Australia Local
Government Association (WALGA)*



drumMUSTER

rinse them out, round them up and run them in.

The Success of Industry Led Stewardship

Agsafe



@AgsafeOz

WHO WE ARE

Product Lifecycle Arc





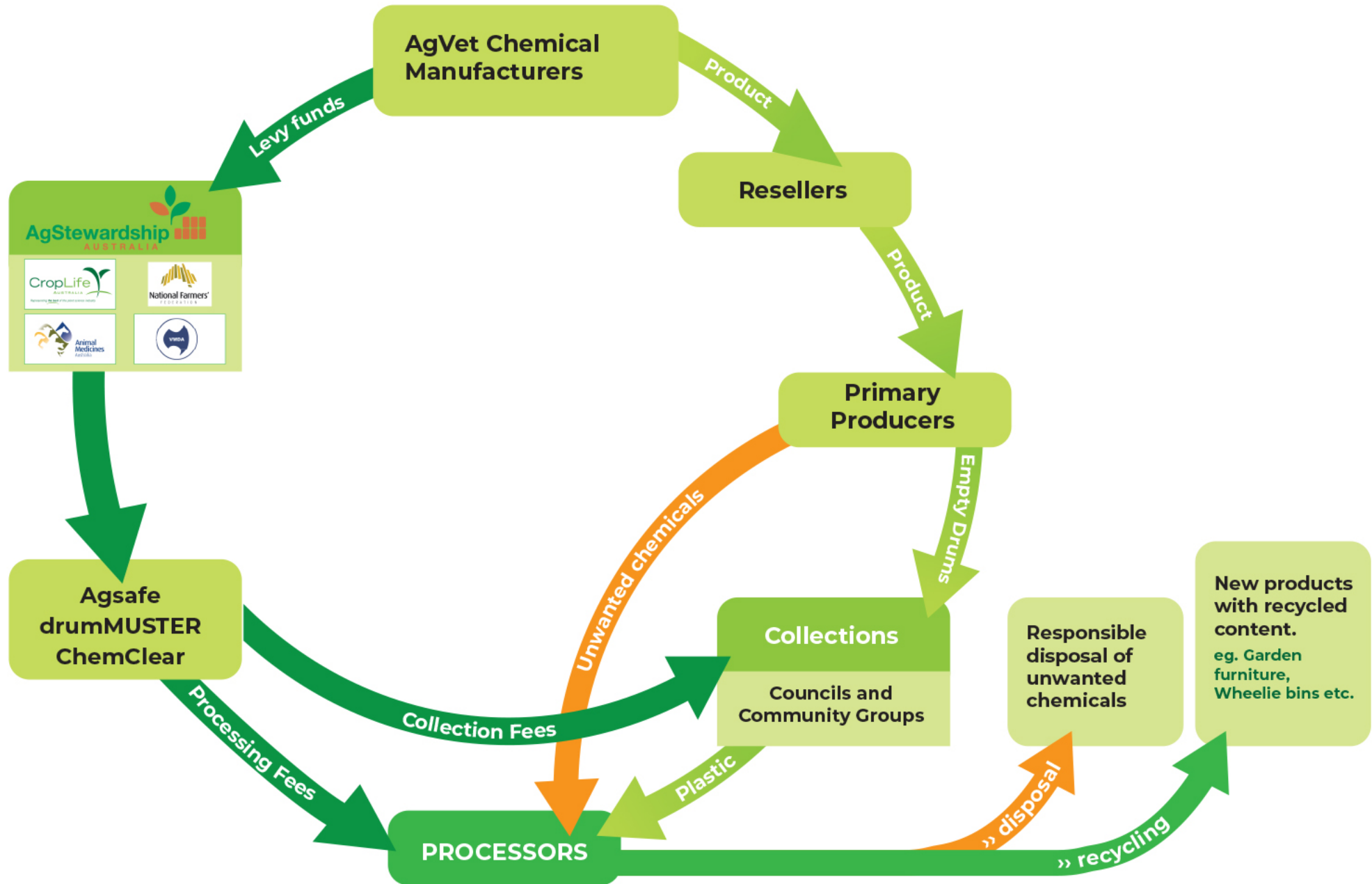
Since the program began in 1999 *drumMUSTER* has:

- Held **72,000+** collections events nationwide
- Resulting in the collection of **38,934,474** chemical containers
- Equating to **43,066** tons of material diverted from landfill
- At **833** collection sites nationwide

Data: March 2022

- Funds are held in trust by **AgStewardship Australia**; members:
 - CropLife Australia
 - National Farmers Federation
 - Animal Medicines Australia
 - Veterinary Medicines Distributors Association
- **Industry led** – manufacturers voluntarily sign up to the *drumMUSTER* Levy (120+ companies)
- Industry is taking **responsibility** across the **whole life cycle**

drumMUSTER Levy Key Stakeholder Relationships





20+ years of operating a mature container management program

- 2 million containers collected annually
- 820+ collection sites
- 1500+ trained inspectors
- 111 community groups involved in collections
- 358 councils enabling collections
- **ChemClear** 700,000 litres collected

Local Councils



- 355 rural and regional councils involved in collections
- Council involvement is a key factor in the success of **drumMUSTER**
- Incentivised collections – paid a piece rate for collections
- Collaboration with local community (fundraising)

Local Councils



Inspector Training

1,500+ **drumMUSTER** Inspectors have been trained in the past three years and maintain their accreditation

<< Photo: Inspectors are trained in the safe handling of drums

Safety Standards

Product Labels, Hazard Control & PPE

drumMUSTER is a program for the collection of empty, clean AgVet chemical containers. Clean containers present very little risk, however, there is the possibility that some may retain chemical residues, or a client may bring a container to a collection that is not cleaned to the **drumMUSTER** program standard. The following is the description of different types of labels an inspector would encounter during the **drumMUSTER** program and what PPE would be required.

Scheduled Poisons

The signal heading is at the top of the product label. It is a health warning to identify the toxicity of the product and the degree of hazard associated with the handling and use of that product. Following are examples of scheduled poison types on product labels:



Dangerous Goods

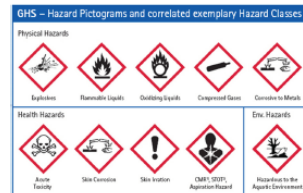
Some AgVet Chemicals are classified as Dangerous Goods (DG). This is an indication of the hazards associated with the transport of the product.

The following DG Diamonds are most commonly found on AgVet chemical labels:



GHS Pictograms

The Global Harmonised System (GHS) was created to classify and label Hazardous Chemicals. A product is classified as a Hazardous Chemical when it has the potential to harm a person using, handling or storing that product in a workplace. GHS pictograms indicate the physical, health and environmental hazard once the chemical has entered or been used in the workplace. Following are examples of these pictograms:



DG vs GHS

DG provides an understanding and information on how to manage a hazard while in transport and the GHS provides an understanding and information on how to use, store and handle hazardous chemicals in the workplace.

Hazard and Risk Identification

HAZARD - The potential ability for something to cause harm. The hazard involved with AgVet chemicals may be poisoning, fire, corrosion, burns or environmental damage. The hazard involved with empty, clean chemical containers is minimal.

RISK - The likelihood of a hazard causing harm and its consequence. The risk of harm from an AgVet chemical is eliminated if the container is empty and clean.

Containers contaminated by chemicals are not able to be recycled

This is essential to ensure that people, processing, transporting or recycling the containers during downstream processing of the product are not exposed to injury by exposure to chemicals.

It is also important to ensure no breach of the regulations covering the transport of Dangerous Goods or Hazardous waste occurs.



Triple Rinsing

A few 'simple steps' to help save money with responsible waste management...



Effective Rinsing Guide

WWW.DRUMMUSTER.ORG.AU

A step by step guide to effective and economic waste management

Proper chemical container rinsing can save you money. It's simple. Uncleaned containers with left over residue could contain up to **\$10 worth** of product.

drumMUSTER suggests the following steps to prevent you pouring money down the drain:

1. Rinse out your **drumMUSTER** containers immediately after using them.
2. Pour the rinse water back into the spray tank and ensure the container is clean throughout.
3. Remove lids and puncture metal containers.
4. Allow drums to dry.
5. Check drums again for any left over residue and rinse if residue remains.
6. Return them to your nearest **drumMUSTER** site. This can be found at www.drummuster.org.au

Inspector Training Manual:
*Chemical and dirt staining on the container is **NOT** a reason for rejection. If the staining is embedded in the plastic/surface and does not come off using a gloved wipe of the thumb, and there is no residue present, the container may be accepted.*

Residue
REJECT

There must be **no** product residue on the inside or outside of the container.

Residue
REJECT

Visible residues could be powder, flake, coloured/dark fluid or clear liquid.

Residue
REJECT

Always look **DOWN** into the container, **NEVER** lift the container over waist level. Keep it well away from your face.

Stain
ACCEPT

Chemical and dirt staining on the container is **NOT** a reason for rejection. If the staining is embedded in the plastic/surface and does not come off using a gloved wipe of the thumb, and there is no residue present, the container may be accepted.

National and State Statistics

<https://www.drummuster.org.au>






Connect with us

REMEMBER EVERY CONTAINER COUNTS

RINSE THEM OUT
ROUND THEM UP
RUN THEM IN

39,003,961
Total containers collected

1,944,148
Last FY

1,084,303
Current FY

National | ACT | NSW | NT | QLD | SA | TAS | VIC | WA

Home | Our Story | Container Recycling | Find a Collection Site | Who's Involved | Our People | Resources | Database | News & Events

drumMUSTER provides Australian agricultural and veterinary chemical users with a recycling pathway for eligible empty agvet chemical containers. Call us on 1800 008 707

Collection locations

Post code

Select state

Town or City

Search

Locating Collection Sites

Collection sites in your area

For additional program information contact
Graeme Passmore: 0429 933 307

Gingin Waste Management Centre

Lot 19 Cockram Road, Gingin 6503

This site is part of: Gingin Shire Council

Deliveries can be made each Thursday to Monday from 8.30 am to 5.30 pm. No bookings required. For further information please ring (08) 9575 5100.

This site has collected **29256** drums since inception.

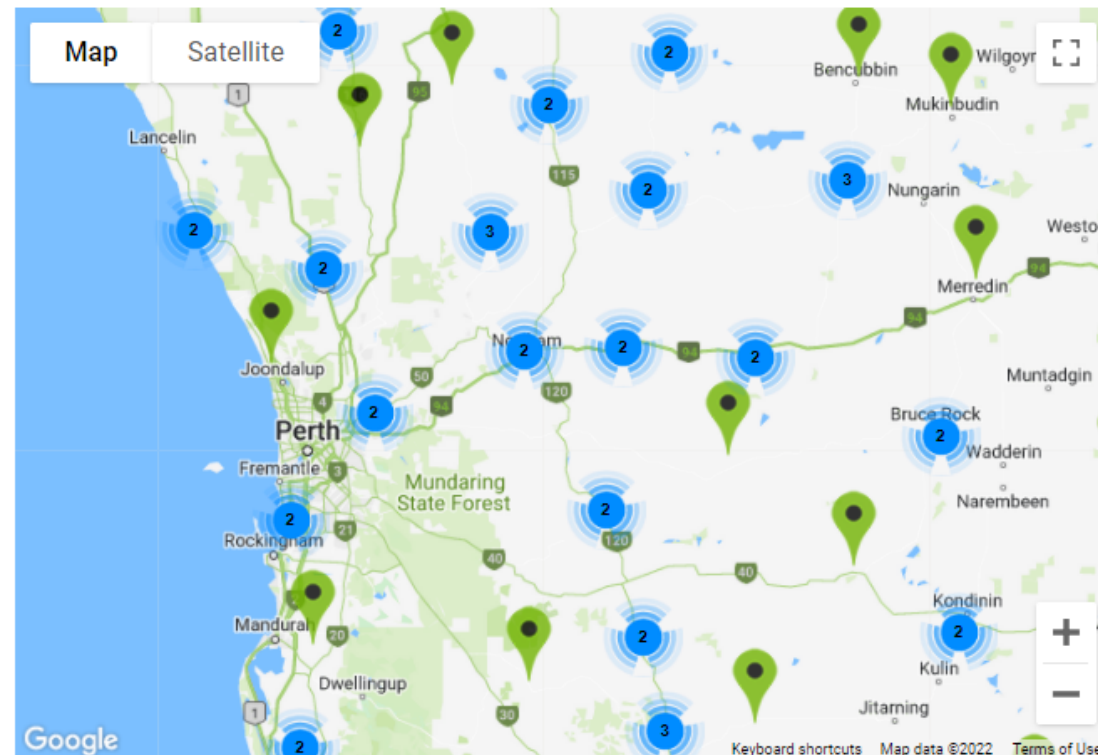
For additional program information contact
Graeme Passmore: 0429 933 307

Bindoon Landfill

Mingah P Road, off Crest Hill Road, Mooliabeenee 6502

This site is part of: Chittering Shire Council

Collection locations



Processors



Container Processing

24 approved processors across Australia remove the collected material and process (shred and granulate)
- the need for a mature market for their recycled products in Australia

<< Photo: drums are processed on-site



ChemClear Operations



Obsolete chemical collections

- Group 1 - Free service for **drumMUSTER** eligible products
- Group 2 – Other chemicals which have not had the levy collected (cost to farmer)
- Pre-registration – via a website

<< Photo: Chemicals are checked by an on-site chemist

Dominique Doyle
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Thank
you

www.agsafe.org.au
www.drumMUSTER.org.au
www.chemclear.org.au

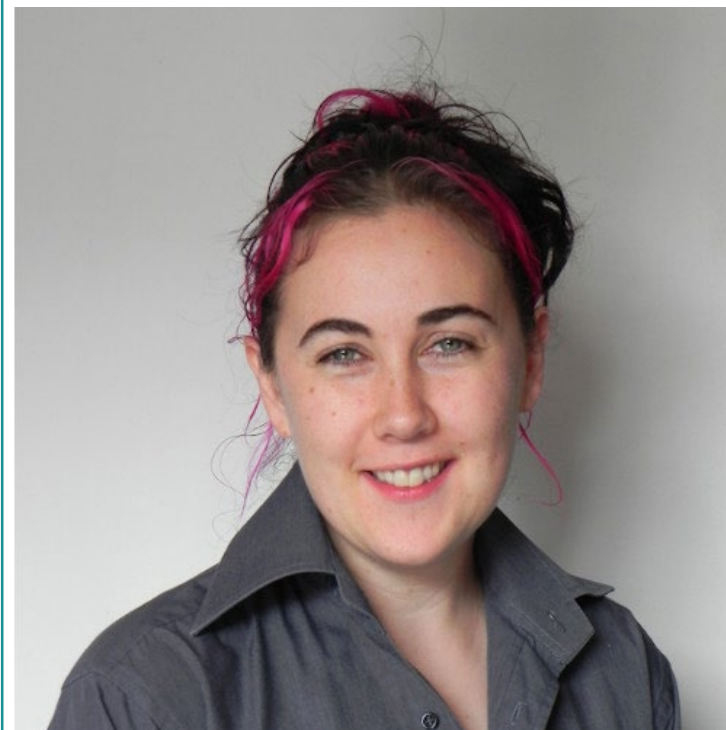


@AgSAFEoz
@drum_MUSTER
@drum_MUSTER.ChemClear

Today's speakers



Dominique Doyle
Agsafe



Rebecca Brown
*Western Australia Local
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Product Stewardship and Local Government – it's complicated....

Acknowledgement of Traditional Owners

WALGA's work regularly takes us across the State and as such we would like to acknowledge the many traditional owners of the land on which we work throughout Western Australia.

We pay our respects to their Elders, past and present.

Pictured right: Artwork by Jade Dolman, a young Whadjuk/Ballardong Nyoongar, Eastern Arrernte, Irish woman from Perth.



Potential for Product Stewardship



- Product Stewardship has great potential for Local Government
 - Producers taking physical or financial responsibility for their products at end of life
 - Embedding all the costs of end of life in purchase price of products to guide purchasing
 - Reducing costs to Local Government and the community
 - Increasing resource recovery
 - Providing a strategic and logistically sound approach to collection of material
 - Ensuring that all areas are serviced equally
 - Driving design for recovery and ultimately a circular economy approach.

Relationship Status



- Local Government relationship with Product Stewardship is...complicated
 - Not all Product Stewardship Schemes are created equal – voluntary, voluntary (accredited), co-regulatory (Federal), co-regulatory (State), co-regulatory (all jurisdictions with minored legislation), mandatory
 - Local Government bears direct responsibility, and is on the front line, when a Scheme stumbles, tumbles or falls
 - Local Government is one of the few organisations who have direct relationships with most Product Stewardship Schemes
 - Local Governments relationship with Product Stewards varies between the Schemes – depending on the Scheme design, operation and relevance to the sector.

Product Stewardship Principles

- WALGA developed these Principles to assist Local Government to provide input into, and judge, Product Stewardship Schemes.
- These are grouped under the headings of:
 - Responsibility
 - Access
 - Scheme Design

Product Stewardship Principles



Responsibility

1. Producers and importers should take responsibility for the end of life product impacts
2. Product Stewardship Scheme should cover the entire cost of product recycling

Product Stewardship Principles



Access

3. Leverage Existing Schemes and Collection Locations
4. Make it easy, convenient and consistent for the community
5. National coverage and equitable access for all

Product Stewardship Principles

Scheme Design

6. Evidence based
7. National Product Stewardship legislation should be used
8. Timely action and industry cooperation
9. Product Stewardship Schemes should be demand based and aim to recover the maximum amount of material possible, rather than being limited by targets
10. Product Stewardship Schemes should focus on 'no cost' at end of life options for consumers or provide incentives for recovery



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Questions & Answers

Contact us

Website www.stewardshipexcellence.com.au

Email info@stewardshipexcellence.com.au

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<https://www.linkedin.com/company/product-stewardship-centre-of-excellence>