



# Ontario Agricultural Waste Webinar

January 19, 2011

1. Welcome and Introductions – Barry Friesen
2. Extended Producer Responsibility – Clarissa Morawski
3. Ontario Agricultural Waste Characterization – Barry Friesen
4. Ontario Farmer Survey – Sharon Barker
5. Questions and feedback – Barry Friesen



## Special Thanks To:

- Ontario Ministry of Agriculture, Food and Rural Affairs (funder)<sup>1</sup>
- Canadian Animal Health Institute (funder)
- Ontario Veterinary Medical Association
- Ontario Agri-Business Association
- Ontario Ministry of Environment

<sup>1</sup>Canada-Ontario Agreement Respecting the Great Lakes Basin Ecosystem



# ON Ag Waste Study Tasks

## 2010

- Agricultural Waste Characterization (non-organic)
- Farmer Survey
- EPR Workshop
- Ontario Recycling Handbook

## 2011

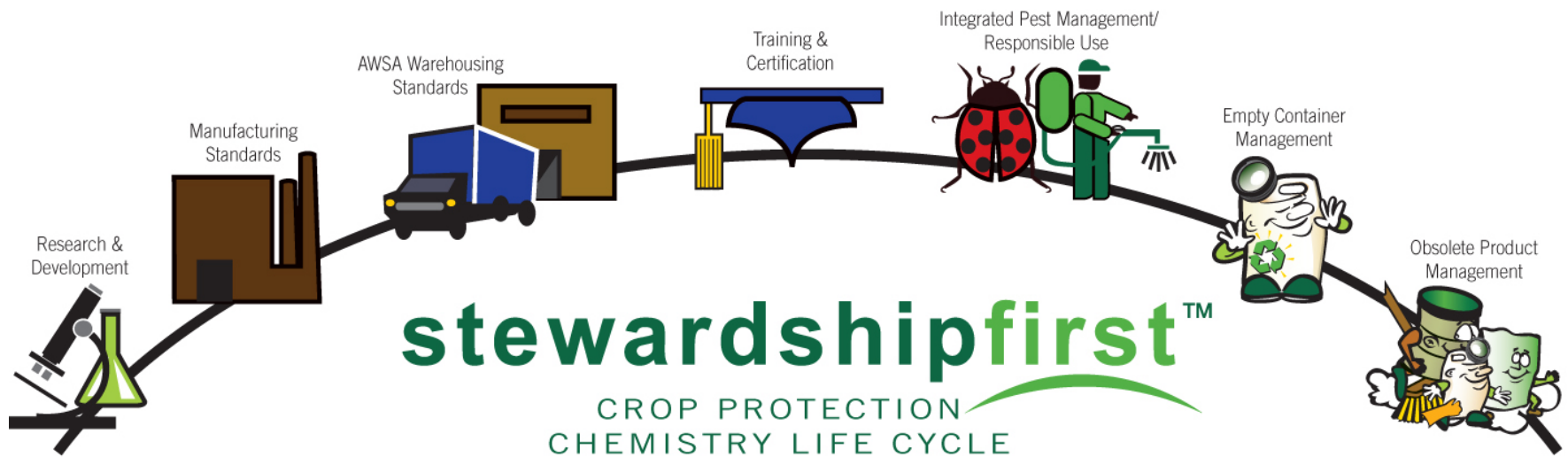
- Risk Assessment
- Collection and Processing Options
- Stewardship Recommendations

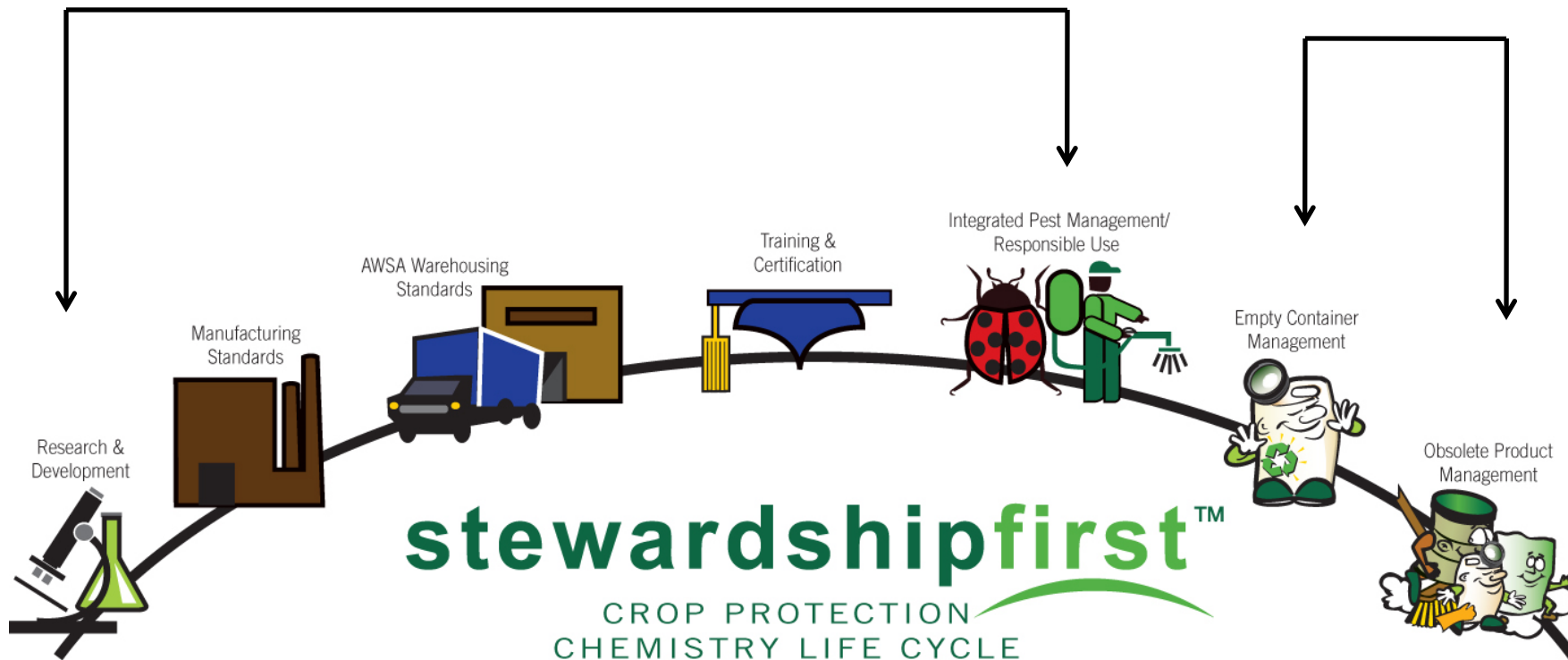


## Who is CleanFARMS™?

- Industry Stewardship Organization
- Federally incorporated not-for-profit
- General Manager reports to private sector Board
- Members are manufacturers/distributors of crop protection products
- Operate voluntary (except where mandated)

# Stewardship Arch for Crop Protection





## Two main programs:



Empty container management



Obsolete pesticide collection



# Empty Pesticide Container Program

**Containers recycled into farm drainage tile**



-used back on the farm-



# Empty Pesticide Container Program

## **Key Accomplishments:**

- About 1,000 locations across country
- Over 83 million containers collected and recycled since 1989
- 2009 Return Rate – 63%
- Free to farmers and applicators



# Obsolete Collection Campaign

## Key Accomplishments:

- 2.5 million kilograms collected and safely disposed of since 1998 across Canada
- Other provinces looking at additional materials (i.e. pharmaceuticals, sharps)
- Free to farmers and applicators

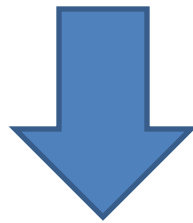


# Benefit of CleanFARMS' programs

**Little regulatory burden**

**No consumer fees (Eco-fees)**

**Free to farmers and applicators**



**Excellent results:**

**A True industry stewardship program**



## Other Regulated Stewardship Programs for farm wastes

- Used Tires
  - Ontario Tire Stewardship [www.ontariots.ca](http://www.ontariots.ca)
- Oil containers and filters
  - Stewardship Ontario [www.stewardshipontario.ca](http://www.stewardshipontario.ca)
- Paint and solvents
  - Stewardship Ontario [www.stewardshipontario.ca](http://www.stewardshipontario.ca)



# Key Messages

1. CleanFARMS is actively pursuing solutions for management of agricultural waste