



Industry's Solution to Pesticide Container Management

Cori Crawford , Cleanfarms Operations Analyst | November 3, 2021
IVMA of BC: The EVERYTHING in Vegetation Management Forum

Today's remarks



- Introducing Cleanfarms
- Recycling pesticide containers
- How can we help you?

Cleanfarms/AgriRÉCUP

- Canadian non-profit industry stewardship organization committed to environmental responsibility through proper management of inorganic agricultural* waste

70+ members

- Pesticide, fertilizer, seed, animal health medication, ag plastics industries

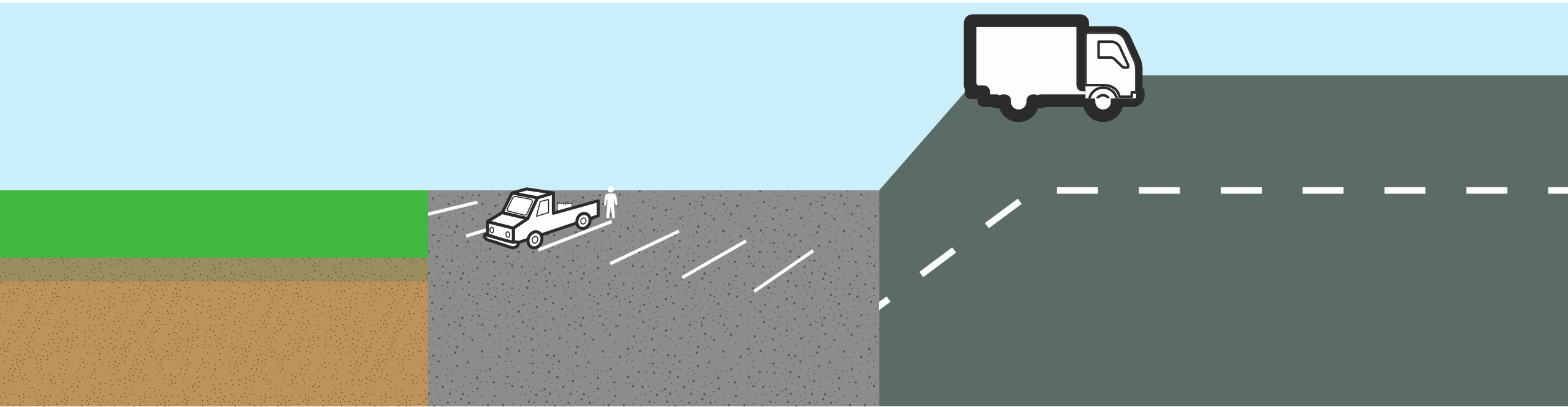


... Aiming at zero
plastic waste &
packaging to
landfill



Converting ag waste to resources

From 190K+ Canadian farms at 1,800+ rural sites over 10M km²



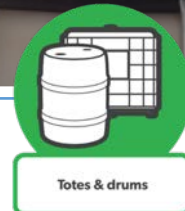
Results since each program's inception

Pesticide & fertilizer containers

137.4M units

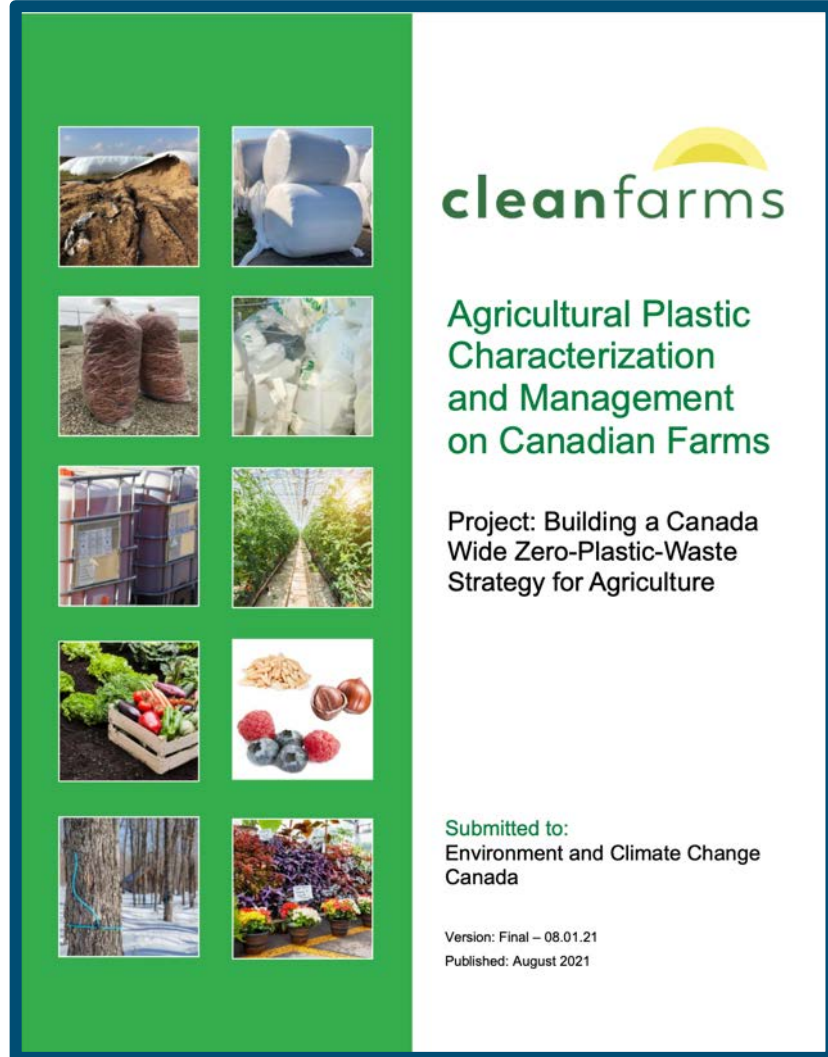


Bulk containers & totes (non-deposit, pesticide & fertilizer)
247,000 units



Unwanted/old pesticides
3.7M kg
Old livestock/equine medication
52,000 kg





- 2021 Report sets a new standard in Canada-wide ag-waste management reporting
- Benchmark characterization/quantification of post-use ag plastic materials on farms
 - By sector, region, material
- Entry point to tackle sustainable resource management for plastics packaging & products in circular economy

**Research was funded in part by
Environment and Climate Change Canada*

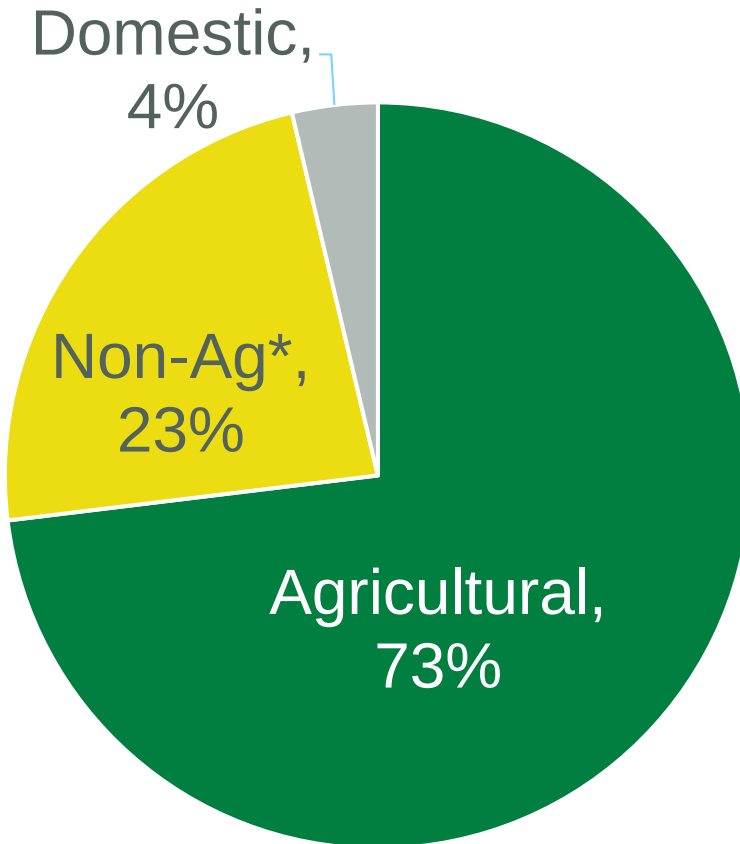
- Pilot programs with support of Agriculture & Agri-Food Canada: 6 of 10 provinces
- Focus on how best to manage, collect & recycle 'next frontier' ag (flexible & film) plastics
- Exploring options to make used material management easier for producers AND improve material quality for processing
- Identify best practices & reach consensus on next steps



Grain bag rolling demonstration with our pilot project partners

Recovering containers from vegetation control activities

- The IVM sector is important:



What could this mean environmentally?

- Recycling all of the non-ag containers could potentially avoid ~ **3,325 tonnes of CO2e emissions** across Canada per year
- CO2e emissions avoided are equal to:

723

cars off the road for one
year



1,416,261

litres of gasoline
consumed



55,416

acres of forest
sequestering carbon for
one year



125,945

tree seedlings grown
for ten years



401

households' annual
energy use emissions



What could this mean for your company

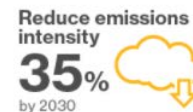
- Many IVM organizations are committed to circular economy & sustainability
- When your companies buy ag chem products, they are already paying for you to use this program
 - We just need to work together to find out how to bring it to you



Home > About us > Climate leadership

Climate leadership

We have a big role to play in a sustainable future





Now, let's talk
about you!



- Fact finding mission
 - Who/ which organizations can benefit
 - What does container use look like on the ground
 - Where in BC
 - When containers would be emptied
 - How are these containers being disposed now & how can we work together to find a solution

Let's discuss...



Thank you

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