

Sequoia

Environmental Compliance Counsel



Agriculture Pesticide Container Stewardship - Management

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National Container Recycling Efforts: ACRC

- Agricultural Container Recycling Council (1992)
 - 42 Regular Members and 10 Affiliate Members
 - Recycled 125 MM pounds since its beginning
 - Equal to 600K cubic yards – not in landfill
 - 2013 Recycled 9.15MM pounds (1.7MM in California)
- (California Ag = Recycled 23.8 MM pounds in 21 years)**



Background (according to ACRC)

- Total of about 1,800 pesticide registrants.
(150 large registrants, by SBA definition)
- In the Agricultural Sector, there are about 700 registrants.
- An estimated 43 million pounds of disposable HDPE pesticide containers are used annually in agricultural & professional specialty markets.
- Agricultural Pesticides: 38 MM pounds of plastic.



Pesticide Container Recycling

- California AB 1627 (Year 2009)
- FAC 12841.4- requires every registrant of any production agricultural or structural-use pesticide product sold for use in California to participate in a recycling program.
- Non-refillable containers (defined in container rule) High Density Polyethylene (HDPE) 55 gallons or smaller.
- ANSI/ASABE S576 standards
- The Containers will be utilized in such a way that any residues on or in the resin will have no real or perceived adverse affect on the environment or the user.



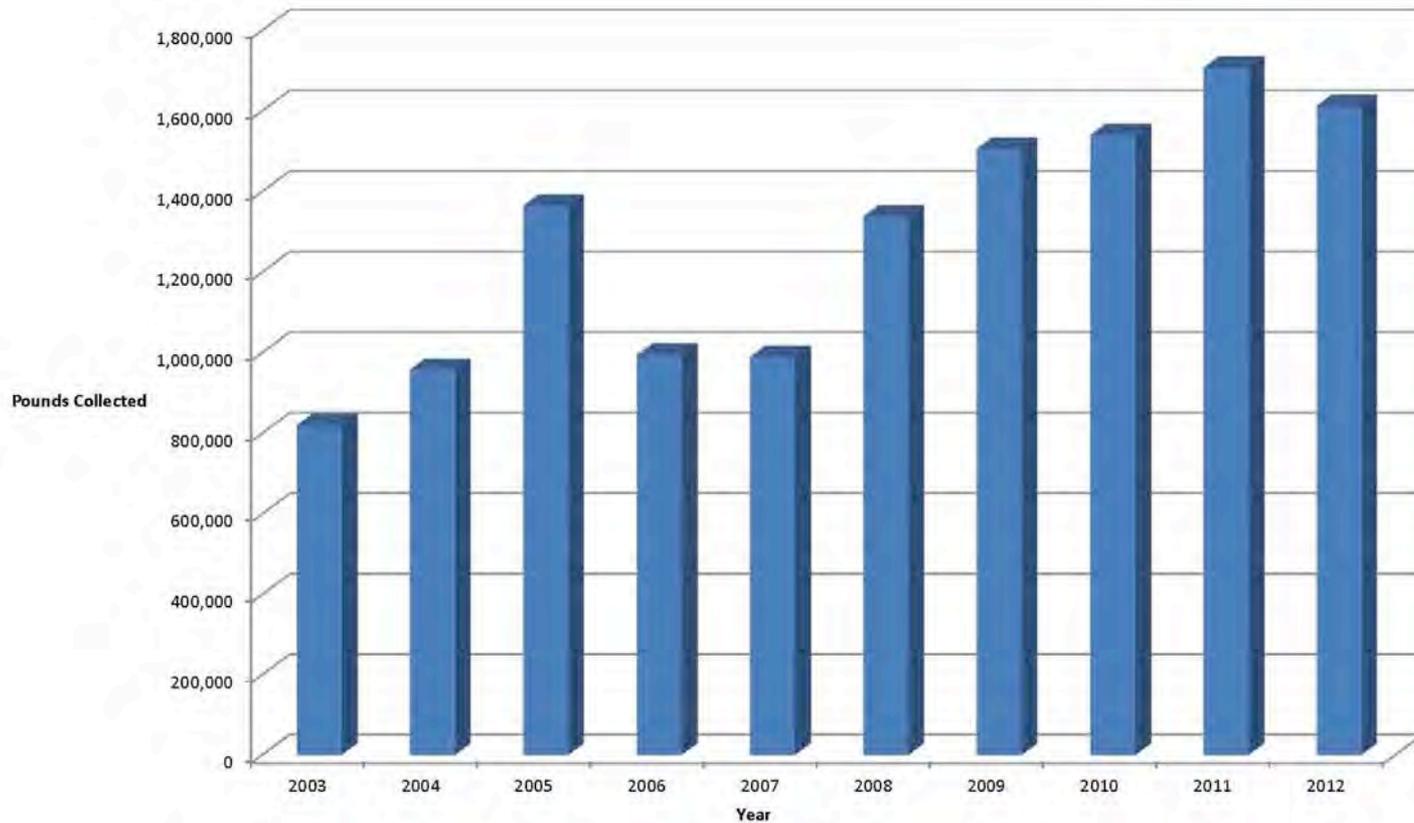
Recycling Requirements:

- Non-refillable containers (defined in container rule) HDPE
- Regulatory Protocols - ANSI/ASABE S576 standards
 - Container must be triple rinsed (or equivalent)
 - No apparent pesticide residues
 - Labels and caps must be removed
 - Drums must be cut in at least $\frac{1}{2}$; preferably $\frac{1}{4}$.
 - Bungs removed





Annual Pounds of Plastic Collected in California



*Information obtained from Ag Container Recycling Council's Resource Library Document; Annual Pounds of Plastic Collected by State in the ACRC Pesticide Container Recycling Program

Pesticide Container Recycling Event



July 29 (8am-2pm)

Neal Road Landfill

1023 Neal Rd. Paradise, CA 95969

Requirements:

- Triple-rinsed containers. (Clean, no residue inside or out.) Containers 15 gallons and larger must be cut into quarters.
- Caps and labels removed.
- No old or brittle containers.
- We will provide you with a Certificate of Participation.

More Information:

Contact Kyle Lawson (916) 838-9609
Sequoia Environmental Compliance Council



6/29/14: Butte County Landfill Collection Event











TRAVEL PARTITIONS
WARNING: UNSECKURING LOADS AND NOT BE SECURED BEFORE TRAVELING MAY BE DANGEROUS

WINTER
STILL
WELL

MS Clubs













LaSalle Deitch
Co. Inc.





Volume Reduction Techniques





Dry Granule – Bulk Bags









Recycling Location





ANSI Protocol

The Containers will be utilized in such a way that any residues on or in the resin will have no real or perceived adverse affect on the environment or the user.



- Agriculture drain pipe
- Highway sign posts
- Highway and agricultural fences
- Underground utility conduit
- Wire and cable spool (reel) flanges
- Agro chemical composite IBC platforms







Overview for 2015:

- There will be several dates to accommodate collection
 - May-September: targeting the first week of each month

- There will be several locations for collection
 - Assuming 8-10 locations

- We will provide certificates for the Recycling of Plastic

- More details can be discussed over next few weeks



Summary

We wish to **enhance and strengthen existing voluntary efforts** to recycle HDPE containers:

- Disposing of containers wastes a valuable resource.
- Recycling results in cleaner containers.
- Divert used containers away from landfills.

Several - Pesticide Container Recycling Events - ongoing

Infrastructure; some structure in place; partnerships among pesticide registrants, retailers, states, extension, industry trade associations & end users.

Thank You



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