

# **Pesticide Container Recycling**

Factsheet 2014-03

he Nevada Department of Agriculture and the U.S. Environmental Protection Agency (EPA) entered into an agreement in 1975 to maintain a comprehensive pesticide enforcement, surveillance, sampling, and pesticide laboratory analysis program and to certify individuals who use or supervise the use of restricted use pesticides. Part of that program is to provide information the proper way to dispose of pesticides and recycle pesticide containers.

Improper disposal of waste pesticides may result in surface or groundwater pollution. The Department's pesticide waste disposal program gives pesticide users the opportunity to properly discard unwanted pesticide products. This is a safe way to protect the environment from pesticide pollution and contamination.

Similarly, pesticide containers will deteriorate over time. Leaking containers can result in pesticide exposure to people, pets, wildlife, and the environment. Avoid costly cleanups or pesticide exposure by removing and disposing of unwanted pesticide products.

## **Recycle Empty Pesticide Containers**

- Recycling is the approved method of container disposal.
   Plastic from pesticide containers is a valuable resource
   that can be recycled and used as pesticide containers,
   pallets, waste drums, and other items. It is illegal to
   burn pesticide containers\*.
- The agriculture industry in Nevada, including applicators and pesticide dealers, has expressed interest in developing a recycling program for Nevada.
- The Nevada Department of Agriculture in cooperation with Interstate Ag Plastics and the state's pesticide users came together to implement a convenient and effective container recycling pilot program.

## **Eligible Containers**

- High density polyethylene (HDPE) 55 gallons and smaller.
- Containers that held EPA registered pesticides labeled for agricultural, industrial vegetation management, turf, nursery, and aquatic use.
- Containers that held crop oil, surfactant, and adjuvants are eligible.



# **Ineligible Containers**

- Containers with caked on residue
- Containers that held animal health care products and disinfectants
- Consumer home / garden pest control and swimming pool product containers are not eligible.

Eligible containers are recycled into a number of new products. These include:

- New pesticide containers
- Agricultural drain pipe
- Parking stops
- Speed bumps

#### Contact

agri.nv.gov/Plant/Environmental\_Services/ Environmental\_Services\_Home/

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\*NAC 445B.22067 OPEN BURNING. (NRS 445B.210) 1. The open burning of any combustible refuse, waste, garbage or oil, or for any salvage operations, except as specifically exempted, is prohibited.

# INSTRUCTIONS

- 1. TRIPLE RINSE containers using the instructions below so that all residue is removed.
- 2. Containers must be dry.
- 3. Staining is acceptable; residue and caked on residue is not. Containers will be inspected. Those that are not properly prepared will be rejected and returned to their owner.
- 4. PARTS & CAPS: Caps are not recyclable; discard them with other solid waste. Do not put a cap back on a rinsed container.
- 5. LABEL & BOOKLET REMOVAL: Labels and booklets interfere with recycling and should be removed. The portion of the label that is stuck with glue to the plastic container does not need to be removed. The rest of the booklet must be removed by the applicator prior to recycling.
- 6. Store containers in a clean dry location\*.
- 7. Mark storage bag\* with your name and phone number.
- 8. Contact pesticide dealers to make arrangements for drop off.
- 9. Transport containers to collection site.

## **Collection Sites**

The Department, Interstate Ag Plastics (IAP), and multiple state pesticide users and distributors are participating in this program in order to implement a convenient, effective and approved method of container recycling / disposal.

Please take into consideration NAC 445B.22067 on page 1 in the fact sheet which states that the open burning of any combustible refuse, waste, garbage or oil, or for any salvage operations, except as specifically exempted, is prohibited by Nevada law. If you have questions about this regulation, please contact Sigurd Jaunarajs with the Nevada Division of Environmental Protection at (775) 687-4670.

Containers are accepted at approved locations in Nevada during specific times each year. Call NDA at (775) 353-3715 for the next scheduled container collection period. After making prior arrangements, containers may be dropped off at one of the collection locations listed below:

- 1. Crop Production Services, Reno
- 2. Stanislaus Farm Supply, **Yerington**
- 3. Ron's Seed and Supply, Winnemucca
- 4. Simplot Growers Solutions, Orovada
- 5. Pershing County Landfill, Lovelock
- 6. Rocky Mountain Agronomics, Fallon
- 7. United Ag Services, **Dyer**

### **Additional Resources**

- Interstate Ag Plastics: www.interstateagplastics.com
- Agricultural Container Recycling Council: acrecycle.org
- Nevada Dept. of Agriculture: (775) 353-3715, agri.nv.gov

\*STORAGE BAGS: Large poly storage bags are available from locations listed above or the Nevada Department of Agriculture. The bags will hold about 20, 2.5-gallon plastic jugs.

# **How to Triple-Rinse Containers**

- Wear the same personal protective equipment while rinsing containers as the pesticide label requires for handling and mixing.
- Remove the cap from the pesticide container. Empty all
  pesticide into the spray tank, allowing the container to
  drain for 30 seconds. Begin rinsing immediately or the
  product may be difficult to remove. If you are unable to
  rinse the container immediately, replace the cap until you
  can.
- 3. Fill the container 10 percent to 20 percent full of water or rinse solution (i.e., fertilizer solution).
- 4. Replace the cap on the container.
- Swirl the liquid within the container to rinse all inside surfaces.
- Remove the cap from the container. Pour the rinsate from the pesticide container to the spray tank and allow it to drain for 30 seconds or more.
- 7. Repeat steps 3 through 6 two more times.
- 8. Puncture or crush the container so it cannot be reused.
- Replace the cap and dispose of pesticide container according to label directions.
- If recycling, remember that caps and containers are made from different materials; therefore, caps cannot be recycled.

Instructions and image courtesy of University of Nebraska-Lincoln Extension

