Proper Disposal of Pesticides

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The best storage practice for pesticides is to purchase only the amount needed to do the job.
STORAGE AND DISPOSAL

STORAGE: Keep from freezing. Store in original container in a locked storage area inaccessible to children and pets. Avoid contamination of food or feedstuffs.

CONTAINER DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency or toll free number (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

- May include temperature requirements
- Generally recommends “triple-rinsing”
  1. Empty contents and drain for 30 seconds
  2. Refill container one-fourth full with rinse water
  3. Rinse thoroughly & drain; repeat Step 2 & 3 three times
Option #1 – Use It Up

- Use up according to label directions for the approved target
  - May apply a pesticide to a labeled site even if the pest is absent
- Give to other pesticide users if they can use it
  - Not legal to sell it to them unless a licensed dealer
  - Make sure product has original label
- See if pesticide manufacturer will take it back
- Take advantage of “collection days”
- Take to hazardous waste collection site
Conditions for Product Disposal

- Farmers are exempt for pesticide disposal as hazardous waste if they triple-rinse the container and dispose of the residues according to label instructions.
- No “free liquids” can go to a landfill.
- Open dumping or burning is prohibited in MO.
- Store product in a safe place until disposal or collection.
  - Cool, dry, non-freezing (NOT the well-house!)
  - Labeled and in good condition.
Transport of Pesticides

- Never carry in passenger section of vehicle
- Never allow passenger or pets to ride with pesticides
- Never transport with food, clothing, or other things that contact people or animals
- Never leave unlocked or open-bed vehicle unattended
- Transport highly-volatile pesticides in separate trips from other chemicals
- Secure firmly to prevent spills
What to Do With Outdated Products

- Pesticides can usually still be used until supplies are exhausted
  - CMDS Pesticide Label Database
    Web: http://www.cdms.net/LabelsMsds/LMDefault.aspx
  - Out-dated labels
  - Labeled uses have changed
  - Pesticide has been taken off of the market
    - Dursban® and diazinon

- Exceptions:
  - EPA allows old label uses for only a short time after product cancellation or label change
  - EPA may put a stop use on a product at the time of cancellation
    - 2,4,5-T and chlordane
What to Do With Outdated Products

- Contact the manufacturer to find out whether you can still use the product
- See if pesticide manufacturer will take it back
- Contact:
  - **MO Department of Agriculture Bureau of Pesticide Control**
    Phone: 573-751-5504
    Web: agriculture.mo.gov/plants/pesticides/
    Web: www.kellysolutions.com/mo/
  - **EPA Region 7 – Kansas City**
    Phone: 1-800-223-0425
    Web: www2.epa.gov/aboutepa/epa-region-7-midwest
  - **National Pesticide Information Center**
    Phone: 1-800-858-7378
    Web: npic.ornst.edu/
Option #2 – Collection Center in Springfield

- Household Chemical Collection Center
  1226 W. Nichols, Springfield, MO
  Phone: 417-864-2000 to schedule an appointment

- Only residents of Christian, Dallas, Greene, Polk, and Webster County have access to this facility
Option #3 - Collection Day

- Available sporadically and involves:
  - a sponsoring state agency
  - a source of grant or other funds
  - an industry or other group that will take responsibility for assisting the program's development

- Work through the Solid Waste District that covers Webster County
Web: www.dnr.mo.gov/env/swmp/swmd/disto.htm
Contacts & References

University of Missouri Extension – Webster County
Phone: 417-859-2044

Web: extension.missouri.edu/publications/
- G1911 Understanding the Pesticide Label
- G1914 Laundering Pesticide-Contaminated Clothing
- G1916 Pesticide Application Safety
- G1918 Using Pesticides Safely Around the Home

Missouri Regional Poison Control Center
Phone: 800-366-8888 or 800-392-9111
Questions??

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Program Complaint Information
To file a program complaint you may contact any of the following:

University of Missouri
- MU Extension AA/EEO Office
  109 F. Whitten Hall, Columbia, MO 65211
- MU Human Resources Office
  130 Heinkel Bldg, Columbia, MO 65211

USDA
- Office of Civil Rights, Director
  Room 326-W, Whitten Building
  14th and Independence Ave., SW
  Washington, DC 20250-9410

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