



Development of Training Materials for Triple Rinse and Disposal of Pesticide Containers in Developing Countries

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Web site and graphic designs



Objectives:

To develop “basic” triple rinsing pesticide container destruction and disposal instructions for audiences in truly developing countries where conditions and facilities may be rudimentary



Protocol:

Major points of emphasis will include instruction on how to:

- Triple rinse empty containers as well as possible in the field
- Ensure that containers will not be re-used (i.e. throw away cap & puncture container)
- Use best available container disposal methods



TPSA International working group: Draft White Paper

**Development of a project proposal on management of
empty pesticide containers**

Two Phases:

Phase one: Development of materials for triple rinse according to the new FAO Guidelines.. Rob Denney, Arrowchase Environmental Project Management

Phase two: Development of training materials for triple rinse and disposal of pesticide containers in developing countries..
....“Triple rinse and puncture and dispose”...



Pesticide Application Process:

- Pest identification
- Pest management decision
- Product selection (material, formulation & container volume)
- Selection of application method
- Application procedure (mixing, applying)



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- **Rinsate and container management**

Matter of scale: ...small plot farming



Pesticide vending...the market place:



Open market



“Mini-Market”

Pesticide application scale of operation



Small pesticide container disposal?



Hand dug well



Pesticide container “disposal” ?



Marketplace:....containers for sale



Empty pesticide container uses ?



Product vendors....



A petroleum vendor, Mali, West Africa

Toys from pesticide aerosol spray containers !!!



PESTICIDE CONTAINER MANAGEMENT

 Search this site

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Home

Risks associated with exposure to pesticides from uncleaned or poorly rinsed containers are still very real in many parts of the world. Reports of illness associated with the reuse of improperly rinsed containers continue to appear. Inappropriate disposal can also lead to contamination of precious resources including drinking water sources and ecosystems. As a result, there is a need for pesticide safety programs in developing countries to educate users on the need for triple rinsing and rendering pesticide containers unusable before disposal. This process is complicated because in many parts of the world empty containers have value and are often reused with serious consequences.

This site has been created as a resource to gather and store information about pesticide container management already available on the web.

Contact the Web Master at bd@allhydralogistics.com

Web Resources

This is a list of links to resources available on the Web relating to triple rinse and disposal of pesticide containers. A brief description is available for each resource. If the link directs you to a page that has images or video a checkmark will appear in the appropriate column. If the link directs you to a PDF document, then a checkmark will appear in the PDF column.

Showing 24 items

| Host | Web Site | Description | Has Images | Has Video | PDF |
|--|---|--|------------|-----------|--------|
| Sort + | Sort + | Sort + | Sort + | Sort + | Sort + |
| ACRC - Ag Container Recycling Council - Pressure Blows | http://www.acrc.org/pressure_blow.htm | Instructions for pressure rinsing jugs and drums. Also has links for two videos about triple rinsing jugs and drums. | | ✓ | |
| ACRC - Ag Container Recycling Council - | http://www.acrc.org/triple_rinse.htm | Instructions for triple rinsing jugs and | | ✓ | |

Web site



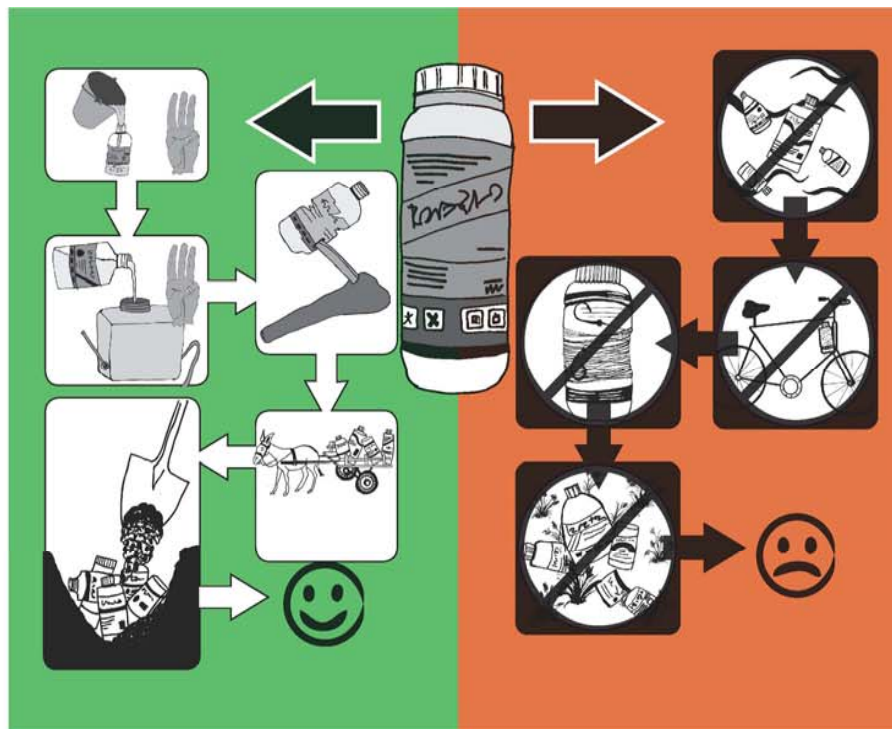
The challenge:

- Simplicity in conveying the message
- Image choices = universal
- Planned conversion to multiple languages

Schematic representation of the proposed brochure



Rinse. Destroy. Remove. Bury.



Front panel

Inside panels

Back panel



Thank you!

Questions and Comments?