



Developing and implementing a TPSA- supported International Project Session VII-C

**Build on “Stewardship of Container Collection”
Session Discussions and Additional information
collected from developing countries in South
America and West Africa**

Moderator: Don Mullins, VA Tech



TPSA International working group: Draft White Paper

Moving toward a project Proposal on Management of
Empty Pesticide Containers

“Triple Rinse and Puncture”



Plans for this Session :

- Introduction to the challenge (Don Mullins. VA Tech)
 - Progress towards project development (Rob Denny, Arrowchase, Inc.)
 - Development of the proposal (Margaret Jones, USEPA Region V
.....and session participants)
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Pesticide Application Process:

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



Pesticide Application Process:

- Pest identification
- Pest management decision
- Product selection (material, formulation & container volume)
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- Application procedure (mixing, applying)
- **Rinsate and container management**

Reality check..... product vendors:



A petroleum vendor, Mali, West Africa

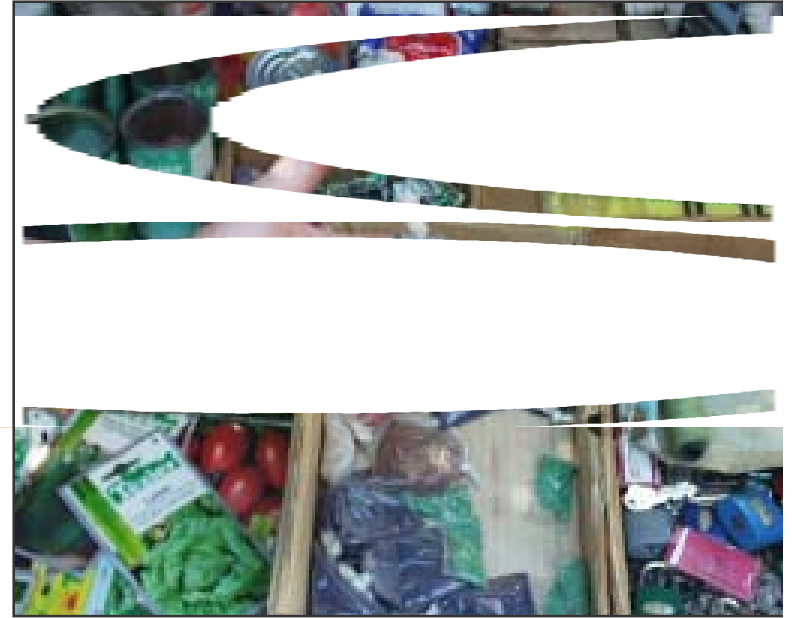
Matter of scale, small plot farming:



Pesticide vending...the market place:



“Mini-Market



Open market

Pesticide application scale of operation



Small pesticide container disposal?



Hand dug well



Toys from pesticide aerosol spray containers !!!



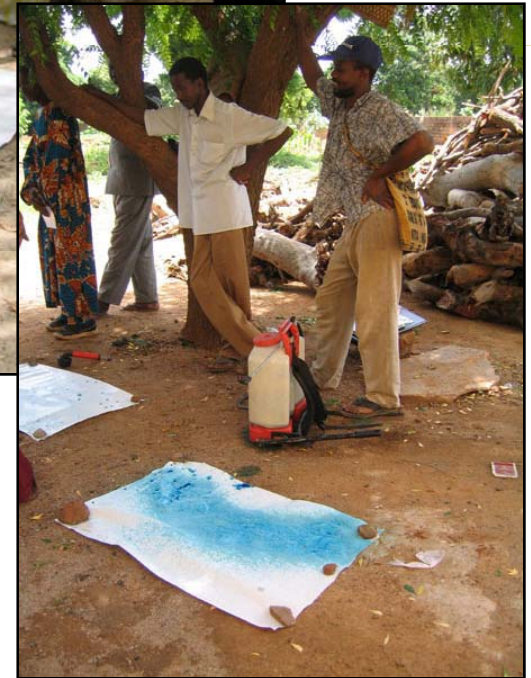
Application methods:



**A “bala”
handmade broom**



**An atomizer
spray**



**A back pack
sprayer**

Training methods:...."train the trainer"



Flip chart



Booklet

Training materials on pesticide container disposal:

Disposal of Containers:

“All empty containers must be safely dealt with”



The recommended procedures are:

“Metal cans and drums: wash out, puncture and bury..... Do not puncture aerosol cans”

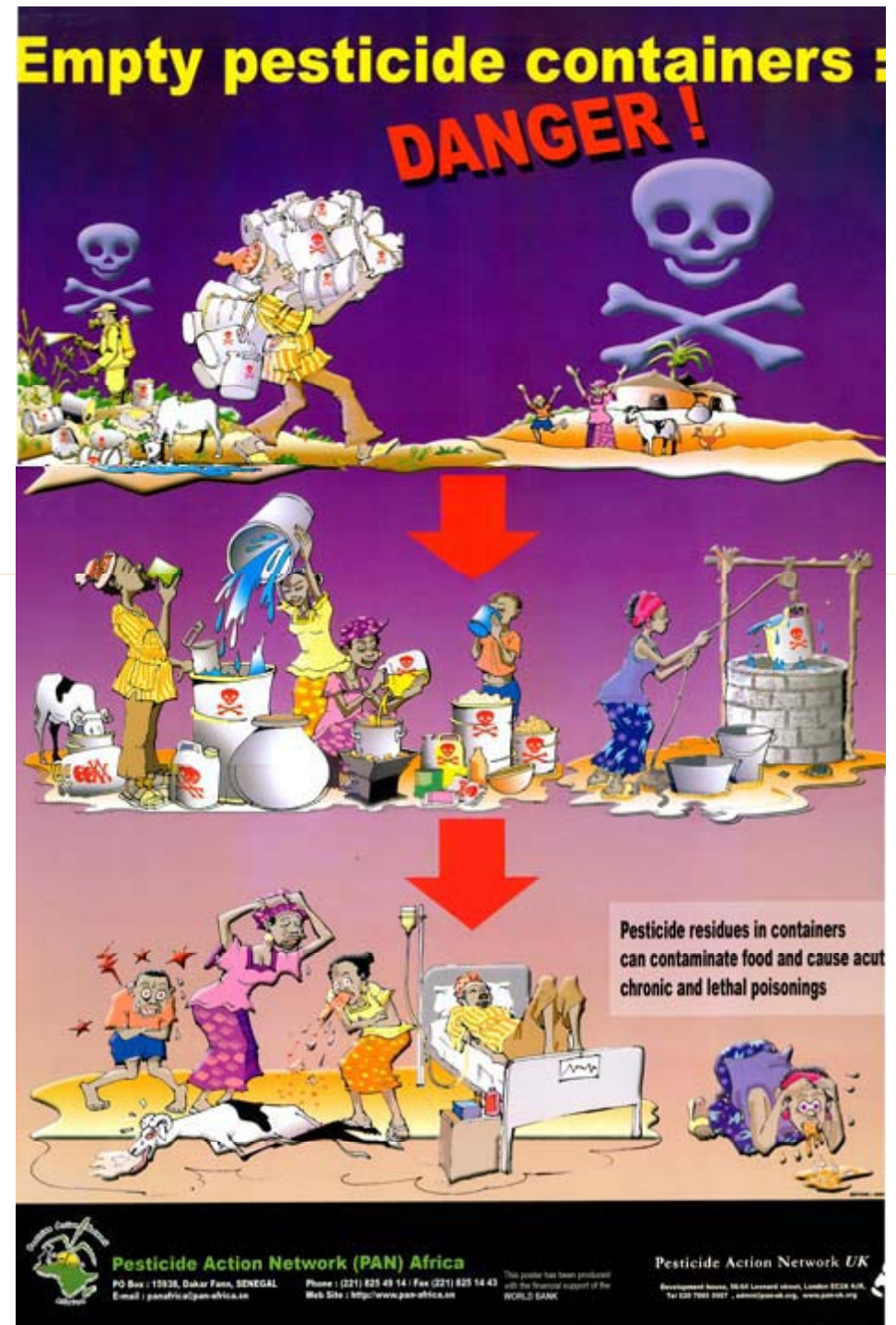
“Do not put crop protection products into bottles for beverages”

“Cardboard packaging burn”

The Global Crop Protection Federation (actual Crop Life)

Consequences of inappropriate pesticide container use

..... a cartoon

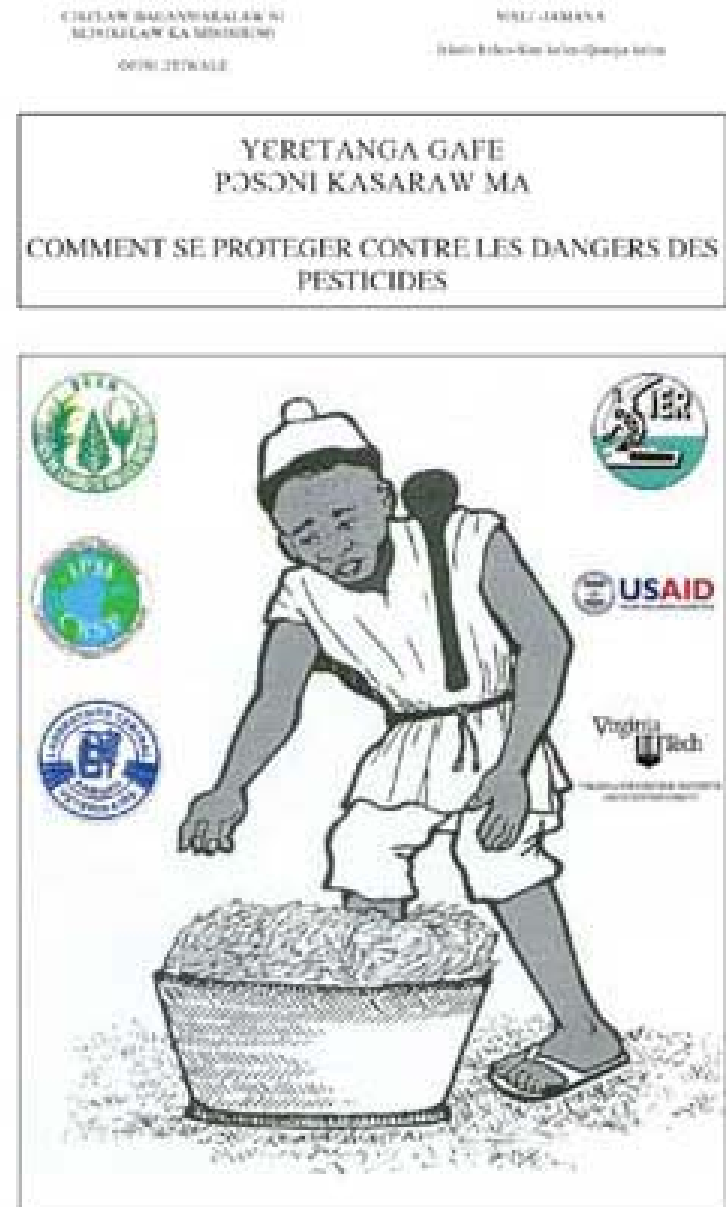


Poster-sized Pesticide Safety "Flip Book"

Written in French and Bamanan

[Flip Chart Pesticide Safety](#)

<http://www.wapp.biochem.vt.edu/en/17b-educators-training.html>



Jan 2001



Thank you
