NCDA & CS Structural Pest Control & Pesticides Division

Integration of Pesticide Disposal Assistance and Pesticide Container Recycling

Derrick Bell - Program Manager

2010 TPSA Conference – Savannah, GA February 22, 2010

One Goal ...

To Provide Citizens of the State an
Environmentally Proper Way
to Handle Unwanted or Unusable Plastic
Pesticide Containers (Especially Mini-bulks,
Tanks, and Plastic Drums) That May Contain
Residual Pesticides

by Properly Disposing of the Unwanted Pesticides and Recycling the Plastic Material

One Goal ... Two Programs

- PESTICIDE DISPOSAL ASSISTANCE
- PESTICIDE CONTAINER RECYCLING

Project Overview

Project: Mini-Bulk Plastic Recycling

- Provide Proper Recycling/Disposal Solution
- Organize Processing Sites To Segregate Residual Pesticide from Recyclable Plastic
- Properly Dispose of Generated Pesticides
- Recycle Generated Plastics







Project: Mini-Bulk Recycling

- Provide Proper Recycling/Disposal Solution
 - Over 700 Licensed Pesticide Dealers in NC
 - Old, Brittle and Damaged Mini-Bulk Tanks
 - Non-Returnable
 - Residual Pesticides Remain in Containers











Project: Mini-Bulk Recycling

- Organize and Publicize
 - Publication Packages
 - All 100 County Cooperative Extension Agent Offices
 - Each of the over 700 Licensed Dealers
 - Posters
 - Website
 - Brochures Including Survey Form

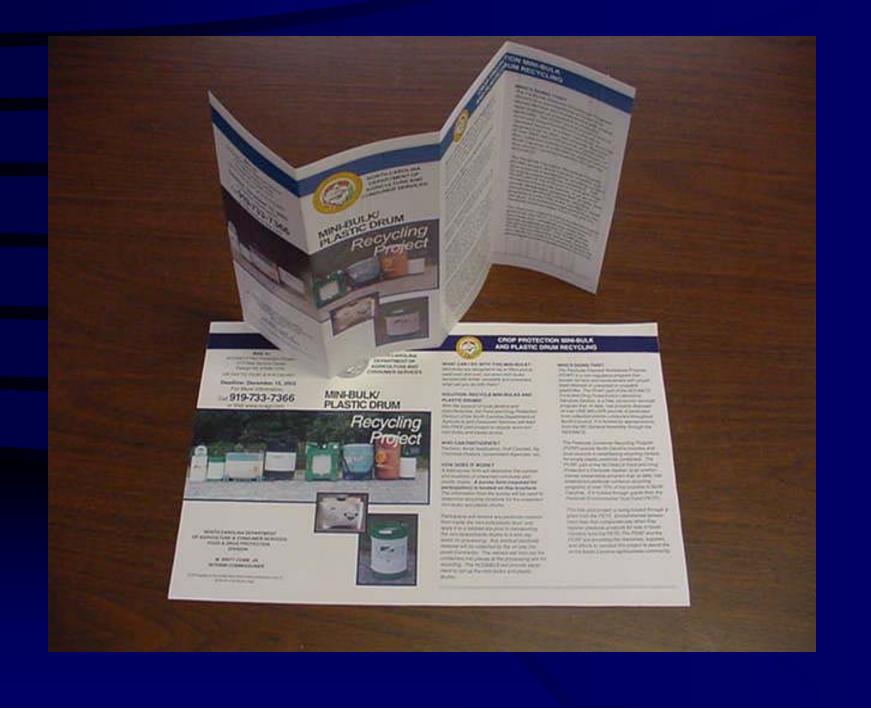




The NCDA&CS is sponsoring the recycling of old, unwanted pesticide mini-bulks.

This is a NO COST project to assist North Carolina farmers and pesticide dealers.

Sponsors: Pesticide Disposal Assistance Program, Milayda Pesticia Section Concernitive Extension Service, US An Recycling, DKL, No Colo Protection A sociation Funded through a grant from the Pesticide Environmental Inco



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Project: Mini-Bulk Recycling

- Processing Mini-Bulks
 - Staging/Processing Area Set-Up
 - Poly Sheeting, pallets, power supply, etc.
 - Signed Release of Liability Forms
 - NCDA&CS supply of power tools
 - Safety equipment incl Tyveks, safety glasses, gloves, etc.
 - Residues Collected by On-site Haz Waste Contractor
 - Supply of Drums and Cubic Yard Boxes for Waste









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North Caralina
Department of Agriculture
and Consumer Services
Food and Drug Urutection Division

Fire Contractings

E. Braco Williams

PESTICIDE DISPOSAL ASSISTANCE PROGRAM
AND THE
PESTICIDE CONTAINER RECYCLING PROGRAM.

MINI-BULK AND PLASTIC DRUM RECYCLING PROJECT

RELEASE OF LIABILITY FOR USE OF TOOLS

L the undersigned, in consideration of using tools or equipment belonging to the North Carolina Department of Agriculture and Consumer Services at no cost, hereby agree as follows:

- I am familiar with the tools or equipment and I understand the risks associated with the
 use of such tools or equipment, and I harrby assume all such risks.
- I bereby release the Department and its employees from any and all liability what soever for any personal injury or property damage arising out of my use of such tools or equipment.

Date	
	Segnature:
	Print Name:





















Project: Mini-Bulk Recycling

- Recycle Generated Plastics
 - Staged On-site
 - Ground On-site or Combine Staging Sites for Convenience
 - Processed Plastic Recycled by ACRC Certified Recycler





















Project: Mini-Bulk Recycling

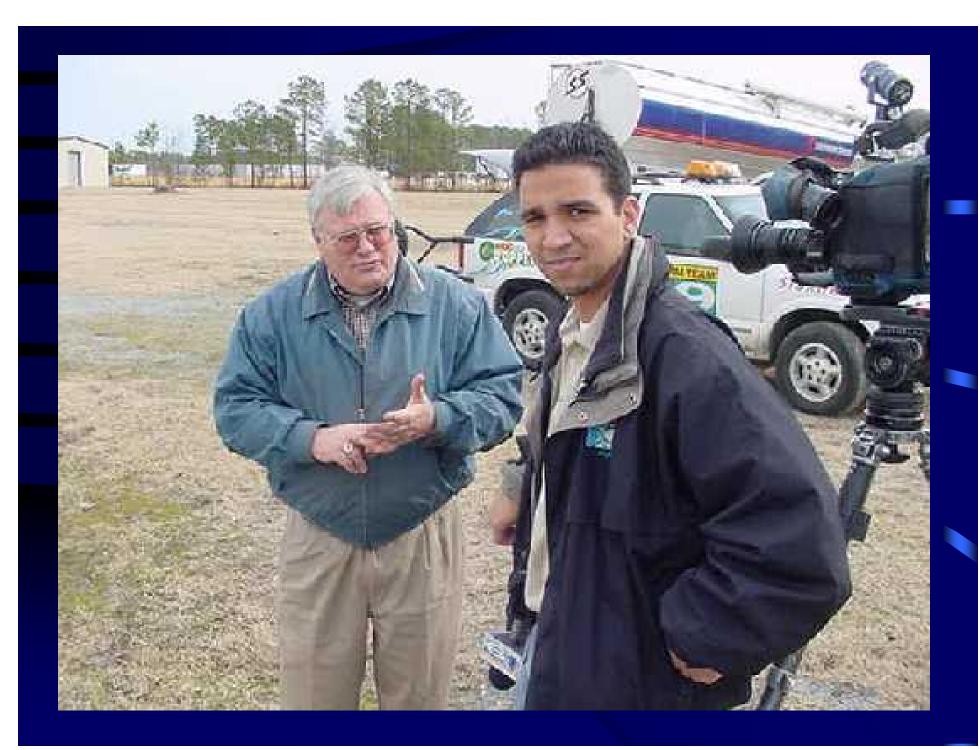
Promotional

Newspapers

– TV Coverage On-Site

- Press Releases





Project: Mini-Bulk Recycling

- Production and Totals: (Grant)
 - 20 Processing Sites
 - 400 6,200 Pounds of Plastic per Site
 - Total of 19,850 Pounds of Plastic to date
 - Disposal and Mobilization Cost: \$22,195
 - Plastic Recycling Cost: None

MINI-BULK 2008-2009

		ESTIMATED	ESTIMATED	ESTIMATED
LOCATION	DATE	MINI-BULK	PLASTIC	MATERIAL FOR
		CONTAINERS	GROUND	DISPOSAL
			(LBS)	(LBS)
TARBORO	061908	18	600	0
ROCKY MT	090308	65	3,000	0
RED OAK	092308	20	2,000	3,935
MURFREESBORO	011309	25	2,000	0
CLINTON	021309	12	1,200	870
FARMVILLE	021809	80	10,000	3,134
Salisbury	100109	40	3,000	1,000
TOTAL	7	260	21,800	8,939

plastic now ground at all sites as of 041509

Contact Information

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