

Mid America CropLife Association

- - IBC Recycling Options - -

Steve Wiest, US Market Segment Manager

November 11, 2009



TOPICS

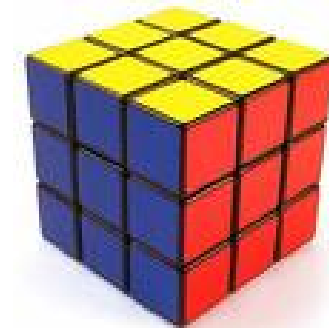
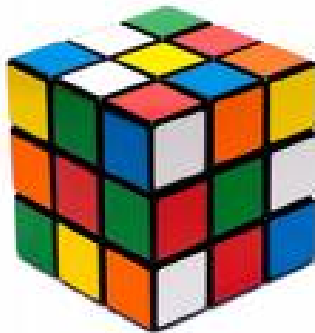


- 1. Approach & Timeline**
- 2. IBC Recycling Considerations**
- 3. Recycling Process & Method**

Approach & Process

Compliance Advisory Panel

Operations Committee



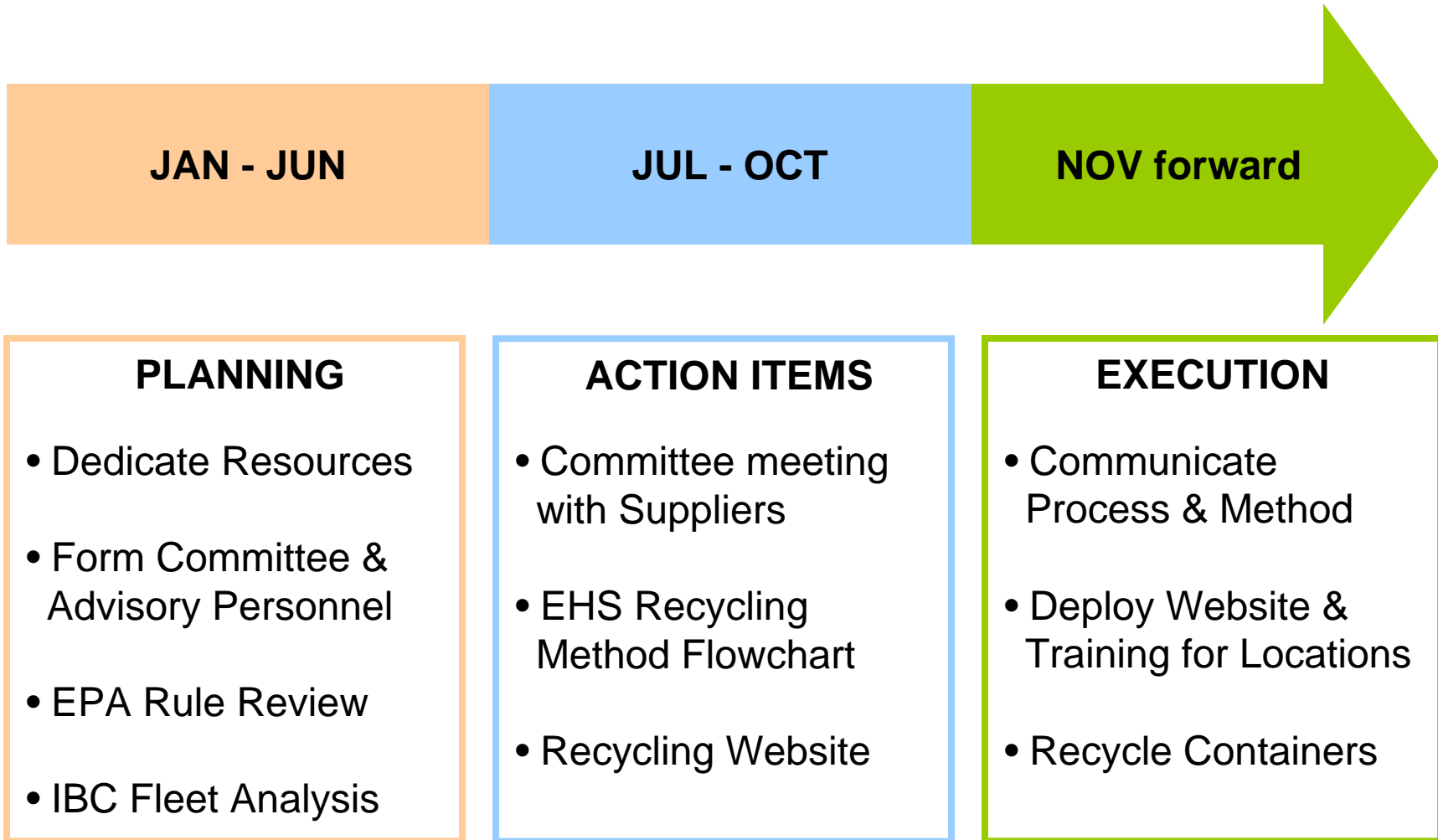
- 2009 Operations
- 2011 Regulations
- Products & Services
- Stewardship
- Cost \$

GUIDANCE

2011
Compliance

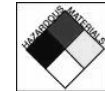


Recycling Time-Line



Recycling Considerations

- **“Retired” Out-of-Use IBC containers to Recycle**



- **Pesticide Refilling & Rinsate Operations**

- Check Valve Use = Rinsate Mitigation (Time & \$)
- Begin Integrating Check Valves on IBC's in Fall 2009
- Recommend Registrants fit IBC's with Check Valves



- **Cage & Bottle vs. Roto-molded Tanks**

- Retrofit IBC with Check Valve or IBC replacement
- Cost vs. Longevity



- **Procurement Decisions**

- Check Valve Availability
- IBC Manufacturing Capacity
- Cost, Product Options & Services = Viable Solution



Recycling Services

IBC Manufacturer / Distributor Programs



Combine Recycling Services with Replenishment Programs

- **IBC North America - Clean Tide Container**
 - Cage & Bottle IBC's
 - Reconditioning & Recycling Service
- **CropLand Container Corporation**
 - Cage & Bottle IBC's
 - Reconditioning & Recycling Service
- **GREIF**
 - Cage & Bottle IBC's
 - Reconditioning & Recycling Service
- **MAUSER - National Container Group (NCG)**
 - Cage & Bottle IBC's and **Roto-molded IBC's**
 - Reconditioning & Recycling Service
- **SCHÜTZ Ticket Service**
 - Cage & Bottle IBC's
 - Reconditioning & Recycling Service



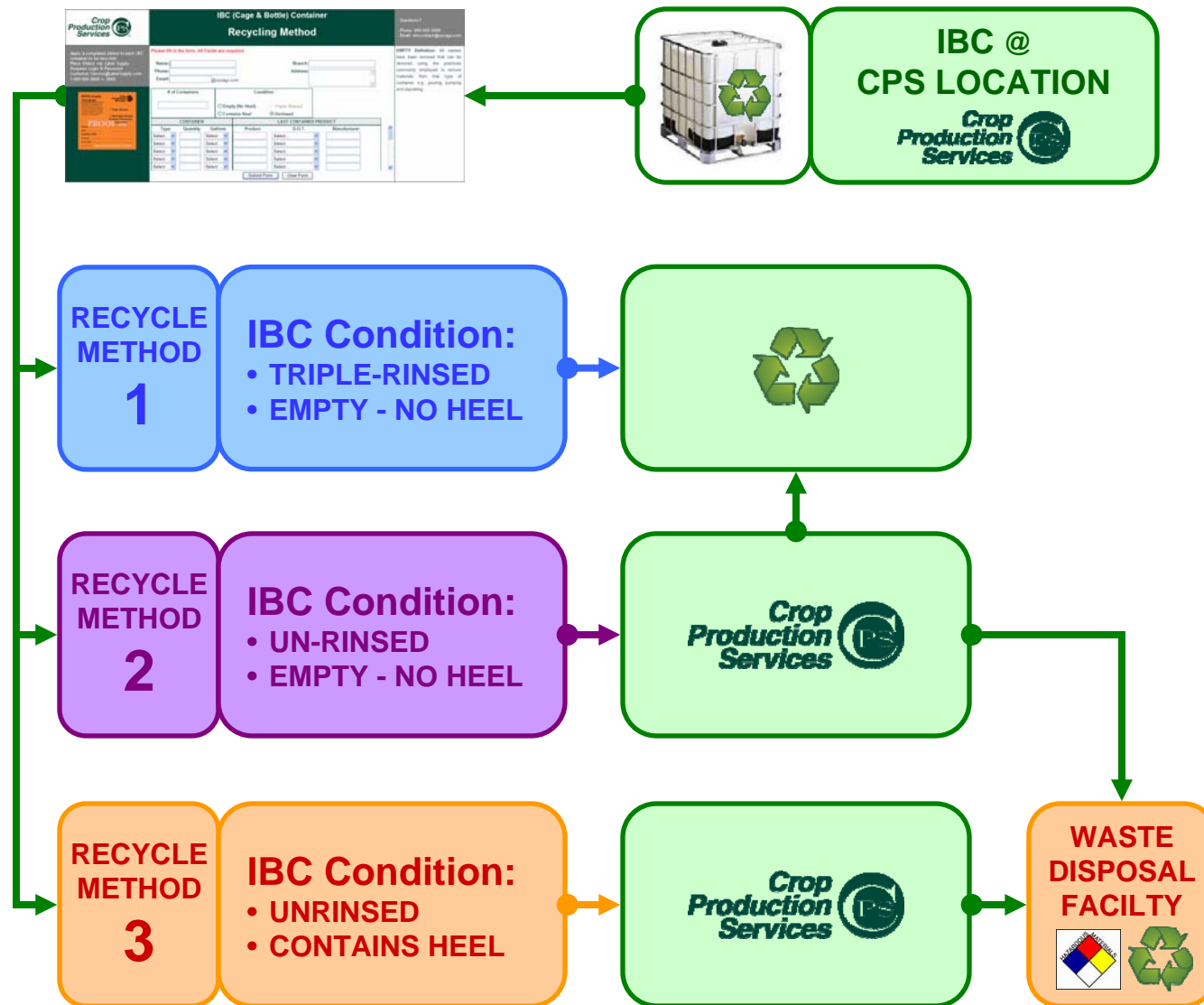
- IBC Recycling
- IBC Reconditioning
- New IBC's Purchases
- Freight Logistics

IBC (Cage & Bottle) CONTAINER Recycling Method

IBC (Cage & Bottle) Container



EMPTY Definition: All wastes have been removed that can be removed using the practices commonly employed to remove materials from that type of container, e.g., pouring, pumping, and aspirating, and no more than 0.3 percent by weight of the total capacity of the container remains in the container or inner liner if the container is greater than 119 gallons in size.



RCRA Empty Container

Crop Production Services 

RCRA EMPTY Definition: All wastes have been removed that can be removed using the practices commonly employed to remove materials from that type of container, e.g., pouring, pumping, and aspirating.

Triple Rinsed

Not Triple Rinsed Product Previously Contained:

Initials: _____

Date: _____

Facility CPS _____

Address: _____

City, State: _____

CPS4015 (10/09) Please fill out with felt tip pen or sharpie.

COMPANY CONFIDENTIAL

IBC Recycling Portal



- Automates CPS Recycling Method
- Collects IBC Information & 'Last Contained Pesticide' Information
- Communication to EHS for Action & Creates Record

IBC (Cage & Bottle) Container Recycling Method

Questions?
Phone: 888-888-8888
Email: ehscontact@cpsagu.com

Please fill in the form. All Fields are required.

Name:

Phone:

Email: @cpsagu.com

Branch:

Address:

# of Containers	Condition
<input type="text"/>	<input type="radio"/> Empty (No Heel) <input type="radio"/> Triple Rinsed <input type="radio"/> Contains Heel <input checked="" type="radio"/> Unrinsed

CONTAINER			LAST CONTAINED PRODUCT		
Type	Quantity	Gallons	Product	D.O.T.	Manufacturer
Select... v	<input type="text"/>	Select... v	<input type="text"/>	Select... v	<input type="text"/>
Select... v	<input type="text"/>	Select... v	<input type="text"/>	Select... v	<input type="text"/>
Select... v	<input type="text"/>	Select... v	<input type="text"/>	Select... v	<input type="text"/>
Select... v	<input type="text"/>	Select... v	<input type="text"/>	Select... v	<input type="text"/>
Select... v	<input type="text"/>	Select... v	<input type="text"/>	Select... v	<input type="text"/>

RCRA Empty Container
 Apply a completed sticker to each IBC container to be recycled.
 Place Orders via: Label Supply
 Requires Login & Password
 Customer.Service@LabelSupply.com
 1-888-888-8888 x. 8888

RCRA Empty Container Crop Production Services

Apply a completed sticker to each IBC container to be recycled.
 Place Orders via: Label Supply
 Requires Login & Password
 Customer.Service@LabelSupply.com
 1-888-888-8888 x. 8888

Triple Rinsed
 Not Triple Rinsed Product Previously Contained

PROOF #0

Date: _____
 Facility CPS
 Address: _____
 City, State: _____

Please fill out with ink by post or stamp.

EMPTY Definition: All wastes have been removed that can be removed using the practices commonly employed to remove materials from that type of container, e.g., pouring, pumping and aspirating.

COMPANY CONFIDENTIAL

Thank you

- **MID AMERICA CROPLIFE ASSOCIATION**

- **CROPLAND CONTAINER CORP**
- **FARMCHEM**
- **HOOVER MATERIALS HANDLING**
- **GREIF**
- **IBC NORTH AMERICA**
- **MAUSER**
- **PROMENS**
- **SCHÜETZ**
- **SNYDER INDUSTRIES**
- **SOLAR PLASTICS INC**
- **TAYLOR-CAIN**

