ResponsibleAg

Tampa Bay LEPC Presentation

Mary C. Hartney
Florida Fertilizer & Agrichemical Association
FLORIDA FERTILIZER & AGRICHEMICAL ASSOCIATION

FEEDING THE WORLD
  ENGAGE  PROACTIVE  FACTUAL

FIGHTING BACK
  SAFETY—SECURITY—SUSTAINABILITY—SUCCESS—SOILS

INFLUENCE
  ADVOCACY

SCIENCE-BASED
  DEVELOP  4 R NUTRIENT STEWARDSHIP

DEDICATED
  REVITALIZE  STRENGTHEN  IMPACT  OUTREACH

RESPOND
  UNIFY

DEDICATED
  DEDICATED

INFLUENCE
FFAA 2014-15 Directors & Officers

- Chairman: Marshall Frasier, Triangle Chemical
- Vice Chairman: Larry McCauley, DuPont
- Secretary/Treasurer: Mike Roberts, Griffin Fertilizer
Fertilizers account for what ___ percentage of the world’s food supply?

a. 0-20%

b. 10-30%

c. 30-50%

d. 40-60%
Fertilizer is responsible for approximately 40-60% of the world’s food production

- ABC basics of fertilizers are N, P, K
- Each type of fertilizer has different uses and pros/cons
- Why does Florida ag use AN? AN’s attributes: high nitrogen content, low volatility, ease of application
EXECUTIVE ORDER 13650
ACTIONS TO IMPROVE CHEMICAL FACILITY SAFETY AND SECURITY – A SHARED COMMITMENT
REPORT FOR THE PRESIDENT
May 2014
Review comments from the OSHA RFI and determine whether AN hazards should be addressed through one/both of the following:

- Updating the 1910.109 standard based on the work of consensus standard organizations, such as NFPA, that are in the process of developing AN safe handling practices.
- Covering AN in a more comprehensive PSM standard

Form an OSHA Alliance with the fertilizer industry, emergency response organizations, and other Working Group Agencies to develop solutions to promote best practices for AN safety.

Work closely to consider if additional EPA action is needed to complement OSHA AN safety regulations.
EO: Short Term AN Safety/Security Issues

- Complete a final rule to implement the Secure Handling of Ammonium Nitrate provisions of the Consolidated 2008 Appropriations Act.
- Solicit feedback through a Chemical Facility Anti-Terrorism Standards (CFATS) Advance Notice of Proposed Rulemaking (ANPRM) on potential modification of the CFATS regulations to address AN. For example, consider lowering the current screening threshold quantities for AN under CFATS.
- Update the Chemical Advisory: Safe Storage, Handling, and Management of Ammonium Nitrate
EO: Other Action Recommendations

- Within a year, EPA and DHS also tasked with:
  - soliciting input on potential modernization and strengthening of EPA’s Risk Management Program;
  - issuing an alert on inherently safer technologies, detailing concepts, principles and examples of the technologies, and begin work on voluntary guidance; and,
  - sharing certain data elements of CFATS, RMP, PSM, and MTSA data with first responders, State agencies and LEPCs.
An industry-supported stewardship initiative that will assist fertilizer storage and handling facilities to achieve and maintain compliance with federal laws and regulations.
ResponsibleAg Will:

- Help facilities with regulatory compliance
- Demonstrate responsibility and transparency
- Assure continued access to products
- Enhance safety
Scope

- Federal regulations pertaining to fertilizer storage and handling, with initial emphasis on AN and NH$_3$, but include the federal requirements for all fertilizer products.

- ResponsibleAg may include (at the facility’s option) other federal requirements in the checklist (i.e. fuel storage, pesticide containment), but those added items will not be part of the assessment score.
How It Works

• Nonprofit organization, governed by a board of volunteer leaders.

• Participation open to Fertilizer manufacturers, distributors and retailers.

• Participation is voluntary.

• Registered facilities agree to an assessment conducted by a ResponsibleAg-credentialed auditor every three years.
ResponsibleAg Board of Directors

CHAIRMAN Billy Pirkle, Sr. Director, Environmental, Health & Safety, CPS

SECRETARY Pete Mutschler, Environmental and Safety Director, CHS Inc.

TREASURER Scott Rawlins, Director, Regulatory & Governmental Affairs, Wilbur-Ellis Company

- Alicia Duke, Director, Health and Safety, Simplot
- Justin Gough, Director, Agricultural Products, LSB/El Dorado Chemical Company
- Dave Ito, Vice President, Human Resources & Regulatory Affairs, Lyman/Tremont Group
- Tim McArdle, Executive Vice President & COO, Brandt Consolidated, Inc.
- Rosemary O’Brien, Vice President, Public Affairs, CF Industries, Inc.
- Rod Wells, Manager, Plant Food Division, GROWMARK, Inc.
ResponsibleAg Technical Committee

- Paul Baute, Grammer Industries
- Clark Capwell, The McGregor Company
- Anne Cook, The Andersons
- Randy Crowell, Tennessee Farmers Cooperative
- Vance Dann, Southern States Cooperative
- Paul Derig, JR Simplot Company
- Shawn Lambert, Co-Alliance
- Alan Mahoney, MFA
- Joe Register, RW Griffin Feed Seed & Fertilizer
- Gary Vogen, Yara North America
- Allen Summers, Asmark Institute
Building Productive Relationships with First Responders

In the event of an incident at your facility, a coordinated and effective emergency response plan is essential to limit the potential consequences of a fire, explosion, spill or other accident. Developing a relationship with local first responders, communicating your emergency plan and integrating their recommendations before an accident occurs are critical components to successful emergency response management.

Establishing a proactive and positive relationship between your retail facility, the Local Emergency Planning Committees (LEPCs), and local responders will foster a better understanding of your facility and ensure that, in the event of an accident, first responders know how to approach your facility, reduce risk and limit the potential for more significant damage.

The following steps offer an avenue to development of a coordinated emergency response plan:

[Image of firefighters]
Glades County: Operation Fertilizer
Glades County: Operation Fertilizer
Glades County: Operation Fertilizer
Trick or Treat?

According to the United Nations, the world population reached __________ on October 31, 2011?

a. 6 billion
b. 7 billion
c. 8 billion
d. 9 billion
Feeding a Growing & Hungry World

“Civilization as it is known today could not have evolved, nor can it survive, without an adequate food supply.”

“…This is a basic problem, to feed 6.6 billion people. Without fertilizer, forget it. The game is over.”

--Dr. Norman Borlaug
With Thanks to ARA/TFI for the ResponsibleAg Portions of this presentation

Questions?