

ResponsibleAg

Tampa Bay LEPC Presentation

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FLORIDA FERTILIZER & AGRICHEMICAL ASSOCIATION

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FFAA 2014-15 Directors & Officers

- ▶ Chairman: Marshall Frasier, Triangle Chemical
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Test Your Knowledge



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



Coordination/Communication/Compliance



EXECUTIVE ORDER 13650
ACTIONS TO IMPROVE CHEMICAL
FACILITY SAFETY AND SECURITY –
A SHARED COMMITMENT

REPORT FOR THE PRESIDENT

May 2014

EO: Short Term AN Safety/Security Issues

- ▶ 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.

Responsible MG

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.

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National First Responder Guidance

First Responder Guidance



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:



Glades County: Operation Fertilizer



Glades County: Operation Fertilizer



Glades County: Operation Fertilizer

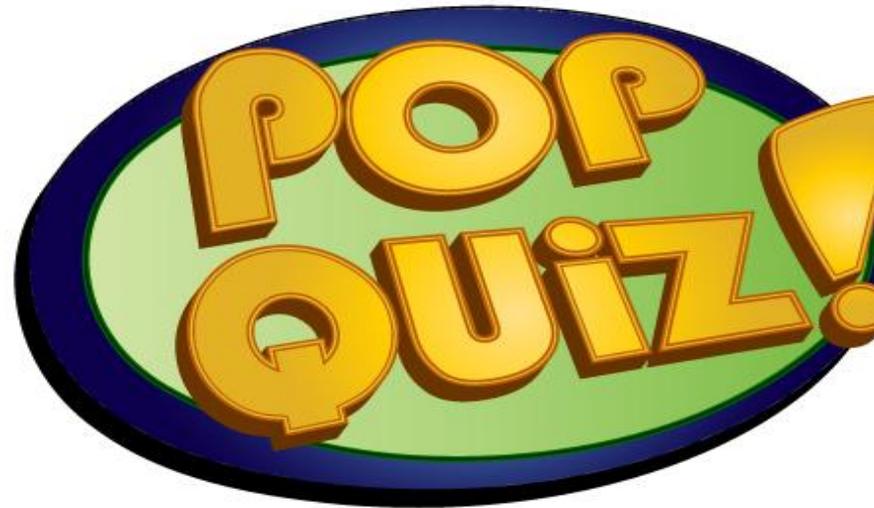


Trick or Treat?

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



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Portions of this
presentation

Questions?