

# **Security in the Fertilizer Industry**

## **Fertilizer Dealer Plant Security**

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# Agribusiness Security Working Group

## ASVA Fact Sheet

<b>Sponsor:</b>	The Asmark Security Vulnerability Assessment (ASVA) is sponsored by the Agricultural Retailers Association (ARA) in cooperation with CropLife America and The Fertilizer Institute working together on behalf of industry as the Agribusiness Security Working Group.	
<b>Milestones:</b>	8/2002	Development began
	1/2003	Development completed and announced
	2/2003	Received Association Institute for Chemical Engineering (AIChE) Center for Chemical Process Safety Certification
	3/2003	Asmark donated license for SVA web-based tool to ARA
	4/2003	Agribusiness Security Working Group begin promotions
	7/2003	Number of SVAs performed reaches 1,000
	9/2003	Number of SVAs registered exceeds 2,000
		Number of State Associations participating reaches 18 (of 21)
		Number of national retail groups participating reaches 8 (of 9)
		Goal set to exceed 3,000 locations completed by 12/2003
<b>ASVA Organization:</b>	The ASVA is a web-based model in which pertinent factors are considered, ranked and weighted against one another for the issues specific to a retail facility. The ASVA tool allows the retailer to answer questions online concerning the facility's current status and receive a computer-generated rating for Risk and Vulnerability. Participants receive a final report complete with recommended countermeasures. Key and central to the ASVA methodology is the utilization of layers of protection. The layers help demonstrate to facility management and personnel potential ways to improve site security in an incremental fashion, thus allowing for more informed decisions and effective implementation.	
<b>How it Works:</b>	Retailers nationwide contact their State Association to register to perform a SVA. The State Association registers each location, assigns a login and forwards instructions to the participating retailer. Retailers logon to ARA's website to perform the SVA and provide answers to 85 questions which represents multiple layers of risk and vulnerability. Upon submission the retailer receives the final report. Cost per location is as low as \$60 depending upon quantity and membership.	

**Statistics:**

Based on the SVAs performed and submitted to date:

**Risk Index** *(Helps in site prioritization, products handled, location, people in area)*

- Slight 1%
- Low 36%
- Medium 61%
- High 2%

**Vulnerability Index** *(Identifies and quantifies security vulnerabilities)*

- Low 71%
- Medium 29%
- High 0%

Percentage of participating locations reporting **inventory** of:

- Ammonium Nitrate 37%
- Anhydrous Ammonia 48%
- Aqua Ammonia 10%
- Urea 63%
- Diesel Fuel 65%
- Gasoline 60%
- Nitric Acid 1%
- Propane 51%
- Inhalation Hazard Pesticides 38%
- Class 1 Poisons 80%
- Class 1-9 Hazardous Materials 91%