

MANAGING FARM CHEMICAL EMERGENCIES

Program Description & Needs

MANAGING AGRICULTURAL EMERGENCIES

PAgricultural Rescue Training

Pennsylvania State University
Managing Agricultural Emergencies
205 Agricultural Engineering Building
University Park, PA 16802

Phone: 814-865-2808
Fax: 814-863-1031
Email: deh27@psu.edu
<http://agemergencies.cas.psu.edu>



This module is designed to teach emergency responders (fire, rescue, EMS) how to properly manage emergencies involving farm chemicals. Participants will learn to determine the level of hazard present and what resources they will need to effect an efficient patient care outcome. Emphasis will be placed on how to secure information; understanding toxicities; choosing appropriate personal protective equipment; and proper patient care procedures. This **operations/technical** level training will teach emergency providers how to efficiently manage farm chemical emergencies following NFPA 471 Responding to Hazardous Materials Incidents, NFPA 472 Professional Competence of Responders to Hazardous Materials Incidents, and NFPA 473 Competencies for EMS Personnel Responding to Hazardous Materials Incidents.

- **Intended audience:** emergency responders (fire, rescue, EMS).
- **Prerequisites:** Introduction to Farm Emergencies and Haz-Mat Operations.
- **PPE required:** Standard emergency service duty uniform. Appropriate PPE will be supplied.
- **Cost:** \$100 per student. Grant assistance may be available.
- **Length/composition:** 8 hours of contact time consisting of 2 hours of classroom lecture/discussion; 1 hour of tabletop/small group activities and 5 hours of individual and group hands-on activities. Active participation is required. Contact time does NOT include class breaks or travel time.
- **Minimum/maximum:** Minimum of 10/Maximum of 25.
(over)

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- **Local resources needed:** Classroom facility to comfortably seat registered participants for first two hours and last half hour. An area of approximately 200'x200' for the hands-on scenarios. Preferably this area will be outside but can be inside during inclement weather. An inside area approximately 10'X10' (or larger) consisting of a separate building or room for one of the scenarios. Normal fire department and EMS response vehicles and equipment will also be used during the scenarios (SCBA's and patient treatment equipment consisting of cervical collars, backboards, gurneys, etc.)
- **Con/Ed and certification:** PA DOH has awarded 8 hours (6 hours med/trauma 2 hours other). All PA-agricultural Rescue training courses are objective based. All participants successfully completing the training will receive a course completion certificate.