

MANAGING FARM TRACTOR EMERGENCIES

Program Description & Needs

MANAGING
AGRICULTURAL
EMERGENCIES

PAgricultural Rescue Training

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This module is designed to teach emergency responders (fire, rescue, EMS) how to properly manage emergencies involving tractors in various settings. Tractors are involved in nearly 50% of farm deaths and disabling injuries so rural responders must be proficient in how to manage incidents involving tractors whether on the farm or off. Tractors are not only used on the farm but on construction sites, parks and recreational areas and highway right of ways, so this module is applicable to non-rural emergency responders as well. Participants will learn how to properly stabilize a tractor as well as attached equipment. Emphasis will be placed on teamwork to achieve the best possible care for the patient and property that is involved in the incident. This **operations/technical** level training will teach emergency providers how to efficiently manage tractor related emergencies following NFPA 1670 Standard on Operations and Training for Technical Rescue Incidents.

- **Intended audience:** emergency responders (fire, rescue, EMS). One third of the class participants must be representing EMS.
- **Prerequisites:** Introduction to Farm Emergencies; Basic Vehicle Rescue and/or EMS (EMT or higher) certification.
- **PPE required:** Fire Department turn out gear or sturdy work clothing consisting of trousers and long sleeve shirt or coveralls, hardhat, eye protection, work gloves, and steel toe shoes/boots.
- **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. A minimum of three farm tractors: 1) a farm tractor to turn over*; 2) a tractor with a front-end loader to overturn the first tractor; 3) a tractor hooked to an implement with a PTO and hydraulics. The 2nd and 3rd tractors must be operational. A 4th tractor and 2nd implement can be used if a single implement cannot be found with both PTO and hydraulics. A minimum of 5 straw or paper filled manikins: 4 that will be used for the extrication scenarios and one that will be destroyed by the PTO/Implement demonstration. A medium or heavy rescue unit and an ALS ambulance that are both dedicated to this training exercise to supply appropriate tools and equipment for the practical portion of the class.
- **Con/Ed and certification:** PA DOH has awarded 7 hours (4 hours med/trauma 3 hours other). All PAgricultural Rescue training courses are objective based. All participants successfully completing the training will receive a course completion certificate.

*PSU may have a turnover tractor available.