The MAARS Operations course is a comprehensive farm accident rescue course based on real-life agricultural accidents. Currently, there is no training required of emergency responders for dealing with agricultural accidents. Howard Doss, Safety Specialist (retired) at Michigan State University’s Agricultural Engineering Department, reports that each year in Michigan, four to six people are killed in agriculture incidents, and 6,000 - 8,000 people are seriously injured. Specialized training and experience is vital for developing effective response and management of agricultural accident scenes. Without proper training, professional rescuers can actually create more problems than they solve at the scene of a farm accident.

The overall goal of this program will be to improve rescue efficiency at a farm scene accident and thereby positively impact patient outcomes. Because agriculture is the largest and most dangerous industries in the state, the objective of the MAARS training is to improve responders awareness of agricultural accident hazards and rescue techniques. Objectives include understanding why agriculture is one of the most dangerous industries in Michigan and training on methods that will be most effective in this unique area. Due to the nature of the industry and the likely accident scenarios, this training will also provide useful training for chemical contamination and equipment-related accidents on the golf courses, construction sites, chemical storage locations and other hazards that may be found in urban areas or that that involve chemicals or heavy rescue.

The training will be conducted on-site where machinery can be accessed, and includes one 4 hour period of lecture and discussion this is recommended on Friday night. Eight hours of extensive hands-on practical exercises and table-top exercises that simulate accident scenarios are usually done on the Saturday following. Sunday is set aside for a area farm tour and hands on practical exercises involving real farm machinery, manikins and staged instructors. This is the students’ opportunity to use the skills they have learned during the class.

The program is set up for about 20 students for the three day class. There are about 20 Continuing Education credit available and some of these are practical. These are set up on a class by class basis as some are customized for your department and requirements. We are able to bring some farm equipment with us depending on your location and available equipment you are able to obtain.

**Sample of**

**Michigan Agricultural Accident Rescue System**

**Operations Course Agenda**

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**3 DayAgenda**

**Day One**

17:30 Registration and Sign up

18:00 Lecture portion of class

20:30 Class dismissed

**Day Two**

07:30 Class Set Up

08:00 Review Awareness Training (Lecture Review)

Farm Accident Management

Tractor/Machinery

Incident Command System

Rescue Tools

12:00 Lunch

13:00 Tabletop Exercises

1. Incident Command 1 & 2 2.Sandbox Tractor Rollover

3. Cribbing and Rescue Tools

4. Heavy Object Moving

16:45

Anhydrous Leak Power point

17:00 Clean-up/Debriefing

**Day Three**

08:00 Review of previous material.

09:00 Farm Tour (Local Farm)

11:00 Practical Exercises

Tractor Rollover

Machinery Response

Augers

12:00 Lunch/Debriefing

13:00 Practical Exercises continued 15:00 Debrief/Review

16:00 Clean-up

17:00 Testing & Certificates

Cost of Class and Payment Options

3 Day class and training to the Operation Level

$250.00 per student.

There may be a distance and mileage charges. Please contact for additional charges.

This class includes Continuing education credits.

14 lecture credits available and

5 practical credits.

M.A.A.R.S. will bill your respective departments.

