

14.1 List and explain the following situations that should be considered an emergency requiring an immediate request for assistance from fire/rescue emergency medical services or law enforcement:

- Personal injury causing excessive blood loss, loss of consciousness, or difficulty breathing
- Person trapped under equipment or other heavy object
- Exposure to a chemical labeled with Danger, Danger/Poison, or skull and cross bones
- An out-of-control fire or explosion
- Hazardous chemical spill or spill of manure or other material that would threaten others or the environment
- Down electrical wires
- Entrapment in a confined space or free flowing material such as grain
- Entanglement in machinery
- Extremely hostile person
- Animal attack
- Drug overdose

14.2 Describe at least three of the following emergency or first-response measures that should be in place in agricultural worksites:

- Strategic placement of telephones, radios, and other communication aids
- Posting of emergency numbers by all phones
- Address and directions for finding the farm or worksite
- Have in place an emergency action plan
- Access to first-aid kit
- Strategic placements of fire extinguishers
- Labeled circuit breaker box and utilities
- Training of staff in appropriate first-response procedures
- Access to specialized emergency response protective equipment
- Central meeting location

14.3 List the first-response steps that should be taken in the event of an emergency.

- If it can be done safely, turn off all operating equipment and flowing material
- Call 911
- Move victim only when he or she is in immediate danger
- If trained in first aid/CPR, provide assistance to the victim
- Await the arrival of help

14.4 List the following types of information that the emergency dispatcher needs when reporting an emergency.

- Name and phone number
- Address and emergency road number, if known
- Exact nature of the emergency

14.5 Explain the importance of knowing how to control bleeding while waiting for medical assistance.

14.6 List the steps that should be followed while waiting for help to arrive.

- Stay calm
- Stay on the line
- Do not re-enter the scene
- Do not put yourself at risk
- Shut off operating equipment
- Do not move an unconscious or seriously injured victim unless there is immediate danger
- Secure the scene
- Assign some to go the nearest roadway to meet and direct the responding emergency personnel

14.7 *List the steps that should be taken in the event of an agricultural fire or explosion.*

14.8 *Explain the three classes of fires that could occur on a farm, ranch or self-propelled equipment.*

- Class A
- Class B
- Class C

14.9 *Demonstrate the correct steps for discharging an ABC-type fire extinguisher using the P.A.S.S. method.*

14.10 *Identify the label as the best source of information on first-aid for pesticide poisoning.*

14.11 *Know that immediate use of water is the best first-aid for exposure to anhydrous ammonia.*

14.12 *Describe the following symptoms of heat stress.*

- Heat cramps
- Heat exhaustion

14.13 *Describe the following symptoms of heat stroke.*

- Red, hot, dry skin
- Altered consciousness
- Rapid, weak pulse
- Rapid, shallow breathing
- Elevated body temperature

14.14 *Identify the first-aid steps for heat stress.*

- Remove the victim from heat and exposure to sun
- Cool victim as rapidly as possible
- If victim is conscious, provide cool fluids to drink
- Care for heat cramps is rest and fluids

14.15 *Describe the following symptoms of frostbite and hypothermia:*

- Pale/white skin
- Loss of feeling
- Uncontrolled shivering
- Slurred speech
- Lack of coordination

14.16 *Identify the following first-aid steps for frostbite and hypothermia.*

- Seek immediate shelter out of the wind and preferably a heated place
- Begin rewarming affected areas
- Seek medical attention immediately to avoid loss of extremities due to frostbite or death caused by low body temperature

14.17 *Explain the steps that should be taken in the event of entrapment in grain.*

14.18 *Explain the steps that should be taken in the event of a confined space incident.*

14.19 *Explain the steps that should be taken in the event of an electrical contact.*

- Do not make contact with down power lines
- Stay in machine
- Call 911 immediately
- Notify supervisor

14.20 *Explain why an up-to-date tetanus vaccination is an important preventative measure for agricultural workers.*