

Model Farm Safety

Overview

The model farm has 20 plus unsafe situations that viewers are asked to discover and to explain why they could result in a serious injury.

Objective

Students will find, identify and suggest safe alternatives for different farm hazards that may be present.

Introduction

1. Introduce yourself to the students; let them know your name, background, and anything else that may interest them and ties into the presentation.
2. Make the students aware that the information you will present to them is important and that they need to pay attention.
3. Inform the students that they will participate in an activity as time allows and they must be responsible during this activity. Stressing responsibility is especially important if you deal with a younger group of students.

Introduce the Farm Safety Hazards Topic

- Students all have their own stories and experiences to tell.
- Introduce the model farm, and ask the students if they know what some farm hazards might be.
- Ask the students if they have ever been on a farm, if they live on a farm, have family or friends that live on a farm, etc.

Activity

Materials Needed

- Model farm demonstration display (make sure all figures in display are securely glued to the base; please report damage when returning the display).

Conducting the Demonstration

- Inform students that there are over 20 safety hazards in the model farm. Depending on the group size and your own judgment, have students work individually, with partners or as a group to find the hazards. You may supply worksheets for students to locate the hazards.
- When a hazard is identified, ask students why they believe it is a hazard.
 - How is this hazard harmful?
 - Is this hazard common on farms?
 - How is this hazard prevented?

Wrap Up

After the activity, discuss with students what hazards are present on farms. Use the following discussion questions:

- . Why is training important before using a new type of equipment?
- . Should you operate machinery under the influence of drugs or alcohol?
- . Why should you wear protective clothing while operating farm machinery?
- . Why should some farm areas be off limits for playing in or near?
- . What areas should be off limits for playing in or near?
- . Why is it dangerous to ride in places like a pickup back or in a loader bucket?
- . Why should you never enter an animal pen without adult supervision?
- . Why should you never play in or around grain handling and storage equipment?

Re-discuss the safety rules on a farm site or when working with farm equipment. Go through the rules below and make sure students understand the importance of these rules.

- . Before operating equipment
 - o Before anyone uses a power tool or a piece of equipment, the person needs complete training with the item and must be made aware of hazards that may occur with its misuse.
 - o Wear protective clothing while operating farm machinery. Never wear baggy or loose fitting shirts, pants, or coats.
- . No extra riders!
 - o Most machinery is designed for one rider, not two or three. Only the driver should ride machinery; extra riders can easily be thrown or knocked off the vehicle. Strictly enforce this rule.
 - o Never ride in the bucket of loaders, on tongues between a truck/tractor and the implement, or on any implement being towed.
 - o Keep all bystanders away from work areas and working machinery.
- . Safety while operating equipment
 - o Shut down motors on any piece of equipment that is being refueled.
 - o Put safety guards and shields in place when operating machinery.
 - o If equipment becomes clogged or jammed, never clean out the blockage until the

machine is shut off and all moving parts come to a complete stop.

- Protective devices
 - Equip all tractors with Roll Over Protective Structures (ROPS).
 - Wear seat belts when operating machinery equipped with ROPS.
 - Equip all farm equipment traveling on any roadway with an approved slow moving vehicle (SMV) emblem.
- While moving equipment
 - Obey traffic laws when traveling on public roadways with farm equipment.
 - Take terrain into consideration when driving farm vehicles.