



# The Lone Star

**Agricultural Safety & Health Newsletter**  
Biological & Agricultural Engineering Department - Texas A&M University

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## Model Farm Demonstration

### Objective:

Increase awareness among participants of the hidden hazards that are common on farms.

### After this Lesson the Student Should be Able to:

1. Locate the hidden hazards on farms.
2. Know what to do, if someone is injured on the farm.

### Procedure:

1. Set up the model farm at some central location before the program.
2. At the beginning of the program, point out the model and tell participants that they are to try to find and list on their answer sheet as many safety hazards as possible.
3. Throughout the day, give participants a few minutes whenever possible to look at the model.
4. Near the end of the program, ask participants to name the safety hazards and compare their response to the answer key, discussing each one briefly.
5. Have a prize for the participant(s) who name the most hazards correctly.

### Sample Model Farm Demonstration Answer Key

Suggested hazards displayed on the model farm are:

1. Extra rider on tractor with mower.
  2. Persons under combine head.
  3. Person riding on top of hay on hayrack during transport.
  4. Child and dog walking in cornfield where chopper is working.
  5. Person walking along the road on the wrong side.
  6. Person riding in back of pickup truck.
  7. No safety chains on anhydrous ammonia tank.
  8. Driving tractor with the loader fully raised.
  9. Fuel tanks too close to building.
  10. Person stepping over PTO shaft on silage wagon.
  11. Person climbing in silage wagon.
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12. Child playing on wagon of grain being unloaded.
13. Person standing with foot on auger hopper.
14. Extension cord running across driveway.
15. Unsecured gates leaning against silo.
16. Sprayer being filled too close to livestock pen.
17. Man leaning out of haymow door.
18. Open abandoned well next to driveway.
29. Person standing in skid-steer loader instead of using ladder.
20. Child playing in feed bunk in cattle pen.
21. Unattended ladder standing against the barn.
22. Tillage plow in yard improperly blocked and blocking door.
23. Other than the combine none of the equipment has SMV emblems.