

Instructions: These quiz cards turn the tractor safety quiz into a practice quiz activity for two or more people.

- Print the document and cut each piece of paper along the dotted lines. Each page will create four quiz cards.
- Once the cards are cut out, one person reads each card one at a time, providing the question and possible answers.
- Participants guess the answer, then the presenter announces the correct answer.

S1170 | ©SAIF 12.20

Q: True or false?

The slow-moving vehicle emblem is only to be displayed on tractors?

a) True

b) False

Extra info:

The slow-moving vehicle emblem is to be displayed on farm equipment and all other vehicles designed to travel at speeds of 25 mph or less.

Q: The slow-moving vehicle emblem is to be displayed on farm equipment and all other vehicles designed to travel at speeds of 25 mph or less. What should you do if you approach farm equipment or a vehicle displaying this emblem?

a) Proceed as normal.

b) Proceed with caution and be prepared to stop.

c) Proceed until you are within 50 feet of the vehicle/equipment, then stop.

Q: When driving tractors and equipment on roads, what should you do to ensure your safety?

a) Display the slow-moving vehicle sign.

b) Use escort vehicles.

c) Drive with the rollover protective structure down so you can jump away in the event of a crash.

d) Both a and b

Extra info: Using a rear escort vehicle is a best practice that can save your life.

Q: What does ROPS stand for?

- a) Rangeland Occupation Protection System
- b) Recovery operation program status
- c) Rollover protective structure**

Q: When should you fasten your seat belt on a tractor?

- a) If it has rollover protection.**
- b) If it does not have rollover protection.

Extra info: You should always have a ROPS in place and wear a seatbelt, unless you qualify for a rollover protection exemption and cannot complete your work with the ROPS in place.

Q: Why would you not want to fasten your seat belt if you **do not have** rollover protection?

- a) In the event of a rollover, you need to jump away from the tractor so that you are not crushed.**
- b) If you are in a collision, the seatbelt can pull across your lap, cutting off circulation to your legs.

Extra info: You should always have a ROPS in place and wear a seatbelt, unless you qualify for a rollover protection exemption **and** cannot complete your work with the ROPS in place.

Q: Why should you fasten your seat belt if **you have** rollover protection?

- a) Because you should always fasten your seat belt on a tractor.
- b) So you remain in your seat and within the protective structure.**

Extra info: If a tractor has a ROPS, you are protected if the tractor rolls over, but you must fasten your seatbelt so you remain in your seat. This ensures that you stay in the protection system and are not crushed.

Q: True or false?

Making sharp turns at high speeds, especially on a sloped surface, can be very dangerous and cause an overturn.

- a) **True**
- b) False

Q: If you are driving a tractor out to a field and another worker hops on the steps for a ride, what should you do?

- a) Give them a ride.
- b) Stomp on the brakes and knock them off.
- c) **Carefully stop and ask them to get off.**

Extra info: A high percentage of tractor deaths and injuries are due to tractor run-overs. Standing on the steps increases chances of this occurring.

Q: True or false?

When you get off a tractor you should leave it running.

- a) True
- b) **False**

Q: True or false?

Many kinds of agricultural equipment expose workers to noise above safe levels, which can lead to hearing loss.

- a) **True**
- b) False

Extra info: The best practice is to turn off the engine and set the parking brake.

Q: True or false?

Listening to earphones or earbuds is not only unsafe when operating a tractor, it can also lead to hearing loss if you listen to the music too loudly.

- a) **True**
- b) False

Q: What is a PTO?

- a) **Power take-off shaft**
- b) Post-trainee operator
- c) Power tool operator

Q: Do power take-off shafts have to be guarded?

- a) **Yes, guarding is required.**
- b) Only if you are working by them
- c) No

Q: Why do power take-off shafts need to be guarded?

- a) To protect the shaft from being damaged by the implement when turning
- b) **They can instantly entangle clothing, jewelry, limbs, or hair.**
- c) To keep the shaft from getting wet or dirty

Q: When hitching to a tractor, what should you hitch to?

- a) The PTO master guard
- b) Hitch points and/or an approved drawbar**
- c) Axle and/or high point

Q: When refueling your tractor, you should always:

- a) Shut off the engine.
- b) Let the engine cool off.
- c) Refuel outdoors or in areas with good ventilation.
- d) All of the above**

Q: True or false?

Tractor overturns are the leading cause of tractor-related deaths.

- a) True**
- b) False

Q: True or false?

Proper training, a safe attitude, and safe behavior can prevent almost all tractor-related accidents.

- a) True**
- b) False

Q: Why should you clean the steps on a tractor platform?

- a) **To help prevent slip/fall injuries**
- b) So your tractor looks great
- c) So your co-workers can safely ride on them
- d) All of the above

Q: When operating an open-cab tractor, you should wear the following protective equipment:

- a) **Ear plugs or muffs and safety glasses**
- b) Music players/headsets to drown out the tractor noise
- c) Regular sunglasses to keep glare down

Q: Approximately how many deaths occur each year from overturns, run-overs, entanglements, and highway collisions involving agricultural tractors?

- a) 100
- b) 50
- c) **250**

Q: Which of these accounts for more than half of tractor-related deaths?

- a) **Overturns**
- b) Run-overs
- c) Entanglements
- d) Highway collisions

Q: Studies have shown that a structure installed on tractors can virtually eliminate deaths from overturns or rollovers. What is this structure called?

- a) ROPS (rollover protective structure)**
- b) PTO (Power take-off)
- c) Loader Bucket

Q: What are the leading causes of agriculture fatalities, according to the National Safety Council?

- a) Tractors
- b) Non-tractor machines
- c) Confined spaces
- d) Livestock
- e) Electrocution
- f) All of the above**

Q: Run-overs occur when operators fall from moving tractors and are crushed under the tractor or attached equipment, or when operators are run over while standing on the ground. Approximately how many deaths occur each year from run-overs?

- a) 15
- b) 50
- c) 60**

Q: Bystanders are often run over by tractors when they are:

- a) Hand hoeing
- b) Standing by trees
- c) Not seen by the operator**

Q: Tractor collisions with motor vehicles or trains account for approximately how many tractor operator deaths each year?

- a) **50**
- b) 20
- c) 10

Q: True or false?
Tractor collisions often result when vehicles attempt to pass the tractor while it is turning.

- a) **True**
- b) False

Q: True or false?
Tractor collisions often result when vehicles round a turn and cannot stop in time.

- a) **True**
- b) False

Q: When driving a tractor on the road, should you use an escort vehicle?

- a) No, they distract drivers and clutter the area.
- b) **Yes, using a rear escort vehicle is a best practice that can save your life.**

Q: What is the leading cause of fatal injuries to farmworkers under 20 years of age?

a) Machinery/tractors

b) Livestock

c) Bee stings

Q: What precautions should you take when working around hydraulic systems?

a) Wear safety glasses and sturdy gloves when checking the system.

b) Shut off the engine before servicing.

c) Lower the implement and support with a block.

d) Depressurize the system and check for leaks in the line.

e) All of the above

Extra info: Do NOT use your hand or other body part when checking for leaks in the line. Instead use a piece of cardboard, or hydraulic leak detection fluid. Even a pinhole leak can lead to death or amputation.

Q: What should you do if you see that a guard is missing on a rotating object such as a power take-off shaft or a fan blade on the tractor?

a) Make sure the equipment is turned off.

b) Use different equipment.

c) Mark the equipment “out of use” and notify your supervisor.

d) Both a and c

Q: What type of clothing should be worn when driving a tractor?

a) Clothes that look cool

b) Loose, comfortable clothing

c) Close-fitting clothing without dangling strings or flapping cloth

Q: Why should you wear close-fitting clothing without dangling strings or flapping parts when operating or around equipment?

- a) **To avoid tripping over loose clothing or getting caught in moving parts**
- b) It looks more professional.
- c) It's less distracting.

Q: What is the biggest risk of walking near an operating tractor?

- a) Slowing down operation
- b) Scaring the driver
- c) **Getting run over by the tractor or equipment**

Q: An extra rider on a tractor driving down the road is dangerous. What safe mode of transportation should be used instead?

- a) Ask a licensed driver to take you to your destination in a car or truck.
- b) Ride a bicycle.
- c) Walk
- d) **Any of the above, as long as they are safe for the circumstances**

Q: True or false?

Transporting materials with the loader bucket in the raised position shifts the center of gravity and increases the likelihood of a rollover, back flip, or tip-over.

- a) **True**
- b) False

Q: True or false?

Tractor buckets are safe to use for a work platform.

- a) True
- b) False**

Q: True or false?

You can't be electrocuted if you touch an overhead electrical line with a tractor loader bucket.

- a) True
- b) False**

Q: What should you do if a tractor bucket or other equipment contacts an overhead electrical line?

- a) Stay where you are; you are safe within the cab.**
- b) Immediately climb down the steps and run from the equipment.

Extra info: If a fire starts, jump out and away from the cab making sure that you land on both feet at the same time. Do not touch the ground and equipment at same time. Shuffle feet to prevent arcing until you are more than 10 feet away from equipment. Others should stay away from the tractor and call 911.

Q: How do you prevent injuries involving power take-off shafts (PTO)?

- a) Make sure all PTO shields are in place and in good condition.
- b) Never step over a PTO while it is running, even if it is shielded.
- c) Do not wear jewelry or loose clothing, and tie long hair back to prevent contact with any part of the PTO.
- d) All of the above**

Q: How are PTOs dangerous?

a) They are difficult to see.

b) The speed of the spinning shaft makes it hazardous.

Extra info: If something gets caught in the shaft, it can pull other items in, including body parts.

Q: To prevent falls while mounting or dismounting a tractor, what's the minimum number of contact points you should maintain?

a) 1

b) 2

c) 3

d) 4

Q: What are some of the things that make rural roads dangerous?

a) Narrow

b) Not well marked

c) Not well lit

d) Heavily populated by slow-moving vehicles and/or wide loads

e) Dusty

f) All of the above

Q: True or false?

Noise levels of 85 decibels on a tractor are considered safe for an eight-hour exposure.

a) True

b) False

Q: True or false?

It is not necessary to use a seat belt when the rollover protection structure is built into the cab.

a) True

b) False

Q: Which of the following is **NOT** a purpose for a tractor?

a) A remote power source

b) A machine to pull/carry another machine

c) A way to transport co-workers and friends

d) A transporter of materials

Q: When operating a tractor near a ditch, how far away should the operator keep the tractor from the ditch?

a) One foot away for every foot the ditch is deep

b) Five feet away no matter the depth of the ditch

c) So that your tire runs along the edge

Extra info: Consider soil condition and tractor weight when determining a safe driving distance.

Q: Which tractor is appropriate for work on hillsides?

a) A tall tractor with a narrow wheel base

b) An open cab tractor without a rollover protective structure (ROPS)

c) A tractor with a wide wheel base and an open cab with rollover protection, or closed-cab

d) A tractor with a high clearance level

Q: What should you do if an unoccupied tractor starts to roll away?

- a) Chase after it, jump on the steps, and take control. Tractors are expensive!
- b) Lasso it to stop it from rolling any further.
- c) Yell to make sure no one is in the tractor's path, but otherwise let it go.**

Extra info: The chances of being crushed or severely injured trying to stop a runaway tractor are very high. The tractor is most likely insured and is not worth your life.

Q: Which side of the tractor should you use to get on or off?

- a) The left side, the side with the clutch**
- b) The right side, the side with the brake

Extra info: Do not use the brake side. You might accidentally disengage it when climbing on or off the tractor.