

PTO GUARDING



The Power Take-Off (PTO) is a powerful tool on the farm. Unfortunately, it is also a deadly tool. People are seriously injured and even killed while working around PTOs. Safety precautions are necessary for anyone working with this piece of equipment.

1 > OBJECTIVE

Prepare dairy workers to more effectively recognize the safety hazards associated with PTOs

2 > DISCUSSION QUESTIONS

1. Where is the PTO typically located on a tractor?
2. What equipment uses a PTO on this dairy?
3. Why shouldn't you be near a moving PTO?
4. What personal items/clothing can be caught in a moving PTO?

3 > TRAINING POINTS

PTO hazards include:

- ▶ Death
- ▶ Entanglement
- ▶ Loss of limb or muscle
- ▶ Dislocations or broken bones

Never touch a moving PTO.

Never step or reach over PTO drivelines — always walk around them.

PTO drivelines spin very fast.

- ▶ Drivelines can pull people in and entangle them before they are able to pull back

Do not wear loose clothing or accessories near PTOs.

- ▶ Many items can be caught in PTOs including jewelry and long hair
- ▶ Always tie long hair back before working around a PTO

Always disengage the PTO and shut off the tractor before exiting to service or inspect machinery.

- ▶ Never work on a piece of equipment while its engine is running

Immediately notify your supervisor of any PTO components that are missing guards or shields.

- ▶ Guards and shields are vital to PTO safety

4 > KEY TAKEAWAYS



- ☑ **Keep all PTO guards and shields in place.**
- ☑ Never dismount a tractor to inspect an engaged and revolving PTO.
 - ☑ If you must inspect a moving PTO from outside the tractor, maintain a safe distance (*approximately 2 – 3 feet*) from the moving driveline
- ☑ Never leave a tractor unattended while the PTO is running.
- ☑ Avoid wearing loose fitting clothing or accessories when working around PTOs.
- ☑ Always walk around – never over – PTO drivelines.