

# TAILGATE TOPIC



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## TOPIC: **Wine Grape Harvesting at Night**

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**OVERVIEW:** In some cases, farming requires harvesting into the night or beginning at night due to time or environmental factors. This tailgate talk highlights several considerations to help maintain a safe working environment.

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### TALKING POINTS:

#### Planning

- Plan the work to be performed prior to entering the field at night.
- Meet with crews to discuss the job tasks, associated hazards and safety rules.
- Inspect all equipment in daylight hours. Fix hazards before operating any equipment (i.e., Unguarded PTOs).
- Walk the field during daylight hours to identify potential obstacles and hazards like overhead and electrical wires and low hanging branches.
- Set up lights in daylight hours.
- Lighting around plants and grapes is critical since workers are handling sharp cutting tools.
- Consider mobile lighting so employees have light when going to get water or the portable toilets.
- Trim bushes and trees before working at night.

#### Administrative Controls

- Warm up exercises before performing manual harvesting and material handling.
- Temperatures may be mild at night, but the potential for heat illness still exists. Provide at least one quart of water for each worker and 5 minute rest periods each hour.
- Workers should work in pairs when working at night.
- Get enough rest prior to performing work at night or early morning hours.
- Supervisors and co-workers should be aware of fatigue and the related safety issues. Working on or near machinery should be prohibited.

#### Personal Protective Equipment

- Wear long sleeves and have warm clothes handy as temperatures may drop quickly. It is always best to keep your muscles warm prior to and during harvesting.

- Wear high visibility vests and miner lights on bump caps, especially when tractors or harvesters are in use.
- If performing frost control activities, be sure to provide personal protective equipment like a rain coat and gloves.

#### Emergency Management

- Have a plan of action in place in case of emergency.
- Have a reliable means of communication available (i.e., cell phone, two-way radio). Check to make sure it works in all parts of the field. Keep extra batteries on hand.
- Have first aid supplies on hand.

#### Vehicle Safety

- Mark the end of rows for anything that is an obstacle in that row to avoid the tractor or harvester from making contact or needing to back out of the row.
- Have a staging area for trucks that is well lit and has plenty of space. Look for overhead electrical wires.

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### REVIEW QUESTIONS:

1. What should you keep handy in case of cold temperatures at night? (Answer: Warm clothes (jacket, thermals, etc.)
2. What should you do in the daylight hours before beginning night activities? (Answer: Plan the work, inspect equipment, walk the fields, look for overhead electrical and other obstacles, set up lighting and trim trees and bushes, if necessary.
3. How much water should be made available for each worker per hour? (Answer: 1 quart per hour)
4. What are two hazards associated with working outdoors at night that would most likely not be present during the day? (Answer: Darkness, cold temperatures and fatigue)

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