



FARM SAFETY CHECK

ELECTRICAL SAFETY CHECKLIST

For agricultural operations, electricity is essential but it can be dangerous. Annually in the United States, 62 farm workers are electrocuted, including youth. In many of those cases, contact between machinery and an overhead power line or utility poll is the cause. Electrical safety is key to prevent fires, injuries, electrocution, and potential death. This checklist will help you identify possible electrical hazards on your farm and ways to protect your family and workers.

You and/or your employee(s) can use this form to complete safety checks on your farm. Add any additional safety checks you think are important when inspecting your farm. Keep the completed forms for follow-up, future reference, and inspections. You can download additional copies of this form at: <http://umash.umn.edu/umash-farm-safety-check/>

| Potential Hazard OR Checklist Items | Yes | Needs Correction | Date Corrected or Notes |
|--|--------------------------|--------------------------|-------------------------|
| Are workers aware of the many ways they can come into contact with electricity, like overhead power lines? Even nonmetallic materials, like wood, can conduct electricity. | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do all workers know where power lines are located? Consider establishing an equipment route that maintains a minimum of a 20-foot clearance from all power lines. | <input type="checkbox"/> | <input type="checkbox"/> | |
| Have all workers been trained in proper emergency exit procedures if equipment contacts power lines? Including: Staying in the vehicle unless there's fire. If exit is necessary: jump clear with feet together, hop away. Never touch vehicle and ground at the same time. | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are workers aware of their equipment's true height? Including antennas on tractors, augers, trailers/wagons, etc. | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is there a clearly posted height restriction of 14 feet for all portable and moveable equipment to ensure safe clearance during windy conditions? | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do all workers know to call 811 before they dig? | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are all electrical equipment and wires in good condition? Buy tools that are designed to prevent shock, and make sure their parts and connections are secure before each use. Electrical cords shouldn't be frayed or have exposed wiring. Wires should be firmly supported or in conduit. | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are main electrical shutoffs clearly marked and accessible? | <input type="checkbox"/> | <input type="checkbox"/> | |

Name of person completing safety check: _____ Date completed: ____/____/____



UMASH is funded by the National Institute for Occupational Safety and Health (NIOSH), cooperative agreement U54OH010170.





FARM SAFETY CHECK

[INSERT TOPIC HERE]

ADDITIONAL RESOURCES

[Preparation and Awareness are Keys for Farm Electrical Safety \(Spanish translation available\)](#)

Safe Electricity.org

<https://safeelectricity.org/public-education/tips/preparation-awareness-keys-farm-electrical-safety/>

[SPOTLIGHT: Electrical safety – Stay prepared & aware this spring!](#)

Upper Midwest Agricultural Safety and Health Center (UMASH)

<https://umash.umn.edu/spotlight-electrical-safety-stay-prepared-aware-this-spring/>

[Youth in Agriculture: Electrocutation](#)

Occupational Safety and Health Administration (OSHA)

<https://www.osha.gov/etools/youth-agriculture/electrocutation>

[Electric Safety Tips for Farms How to Avoid Electric Hazards](#)

Touchstone Energy Cooperatives

<https://membersfirst.coop/electric-safety-tips-farms>

[Electrical Hazards on the Farm](#)

Michigan State University Extension

<https://nasdonline.org/1037/d000835/electrical-hazards-on-the-farm.html>

[Electricity](#)

Show Me Farm Safety

<https://farmsafety.mo.gov/contact-us/>

The facts and information provided are suggestions for your safety. This is not a comprehensive or exhaustive list of all actions needed to ensure your safety, and this list is not an endorsement of any products mentioned.