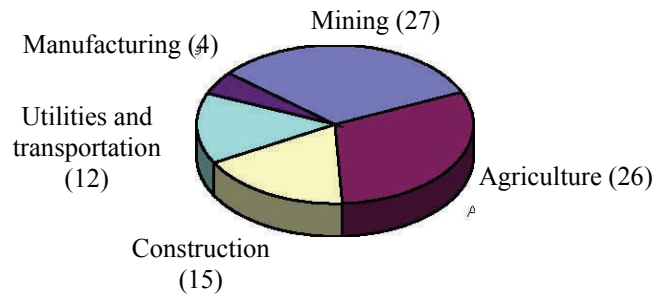


Many dangers are present in an agricultural environment that can cause death, injury or disability, making agricultural work among one of the most dangerous jobs available.

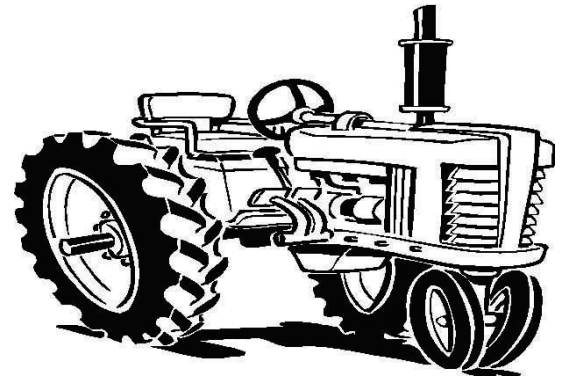
Death Rate/100,000



Working Safely Around Agricultural Equipment

Working in an agricultural environment requires the use of a wide variety of equipment that can be dangerous if the correct precautions are not taken.

- Inspect the machinery
- Avoid loose fitting clothing and jewelry
- Examine the area before starting equipment
- Leave the guards on
- Use lockout/blockout procedures
- Make it a rule to stay clear of unshielded moving parts
- Never permit riders on equipment
- If you are ill, on medication, stay off equipment
- Practice good housekeeping
- Use hand signals in high noise situations
- Strive to set an example of safe, efficient work practices



Working Safely Around Tractors

Accidents involving tractors are the leading cause of agricultural injuries. Most of these accidents can be avoided with a working knowledge of the causes.

- On ROPS equipped tractor, wear the seat belt
- Inspect your tractor regularly
- Reduce tractor speed when turning
- Avoid ditches, steep banks, and holes
- Never allow riders
- When tractor is stuck, get help from another tractor
- Hitch only to drawbar or designed hitch points
- Watch tractor size compared to job
- Articulated tractors need special attention
- Set brake, turn off engine, and disengage PTO when tractor is stopped for adjustments
- Use common sense. No horseplay, racing, stunts

Defensive Driving for Farm Vehicles

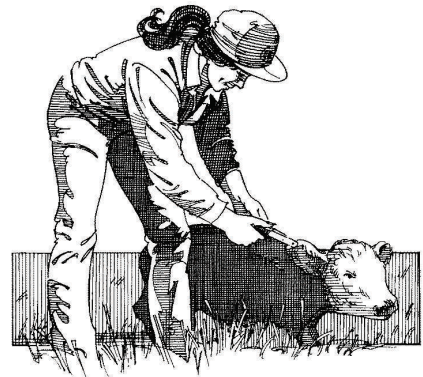
Farm vehicles are not designed for travel on roadways, so when it is necessary to drive on the road special care should be taken.

- Make sure vehicle is roadworthy -brakes, lights, slow moving vehicle sign -escort vehicles: wide vehicles or loads
- Yield as often as possible
- Wear seatbelt
- In high noise situation, use hand signals
- Be extra cautious at intersections
- Do not drive if physically or mentally unprepared -very tired, on medication, emotionally upset
- Stay alert to dangers

Working Safely Around Farm Animals

Under certain circumstances farm animals can behave unpredictably. Certain precautions should be taken to reduce the risk of injury.

- Approach animals cautiously
- Unlike swine, do not use gates or boards to separate cows and horses
- Leave yourself an escape route
- Sick or hurt animals can spread diseases and are unpredictable
- Use extra caution with female animals with young, during breeding, or in strange locations or situations
- Maintain good lighting and housekeeping
- Expect the unexpected



Working Safely Around Electricity

Electricity can be deadly, so precautions must be taken to prevent accidents.

- Repair, replace or discard faulty equipment when a hazard is recognized
- Wear protective gear when working with electricity
- Inspect electrical tools regularly
- Inspect power cords
- Do not misuse extension cords
- Make sure electrical equipment is grounded
- Watch out for overhead power lines
- Never put water on an electrical fire
- Practice good housekeeping

For Further Reading: OSHA Web Site <http://www.osha.gov/>

For Further Information Contact:

HICAHS

Department of Environmental and Radiological Health Sciences

133 Environmental Health Building

Colorado State University

Fort Collins, Colorado 80523-1681

(970) 491-6152

FAX: (970) 491-2940

<http://www.hicahs.colostate.edu>

