

# Staying Alive – The Simple Things

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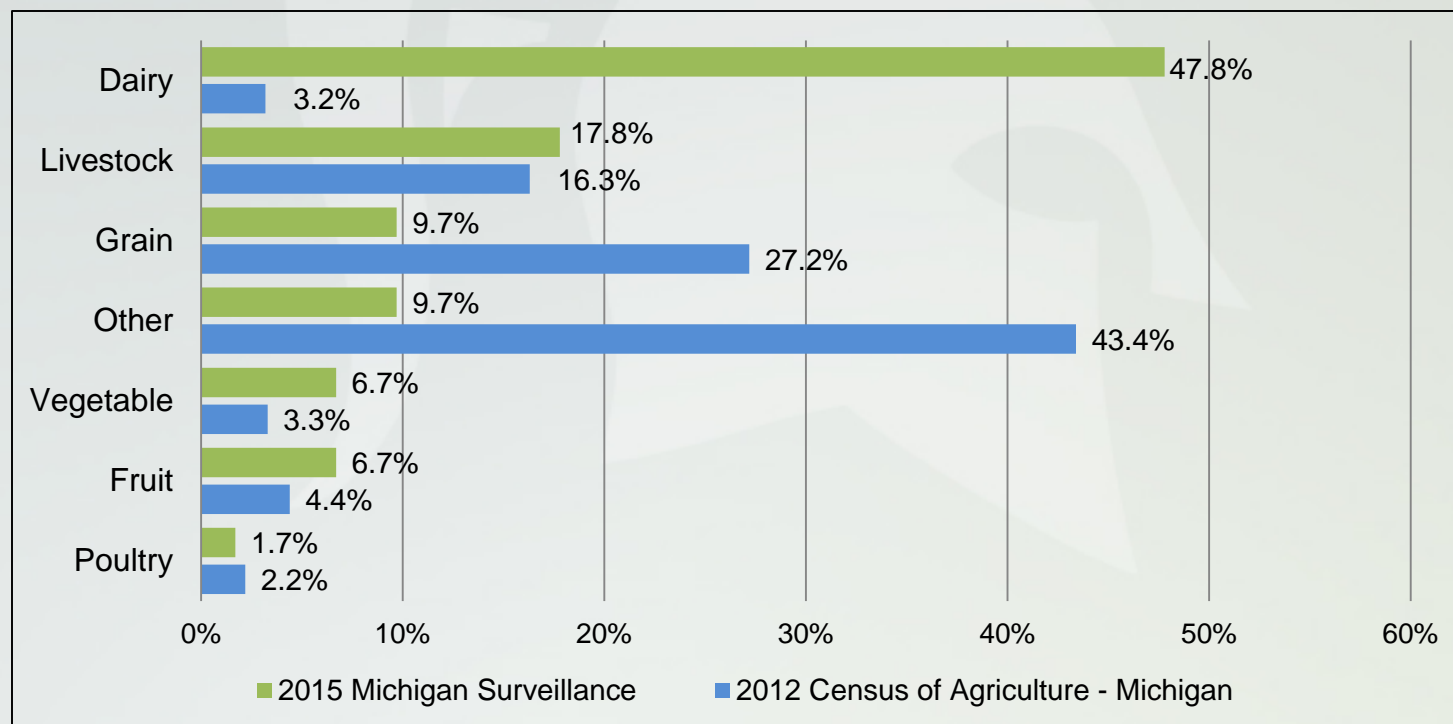
MFB – Agricultural Labor and  
Safety Services

 **MICHIGAN FARM BUREAU®**  
**FAMILY OF COMPANIES**



# Farm Type – Work-Related Farm Injuries, Michigan 2015

- Information on farm type in medical record available: 360 (53.1%)
- Information on farm type in 2012 US Census of Agriculture – Michigan: 52,194 (100%)





**EPIC FAIL**.COM

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# Tractor Operation



# Agricultural Tractor Operator Qualifications



- Agricultural tractor operators, working in farming operations, MUST:
  - Be over 16 to operate a tractor over 20 hp unless (Child Labor, Bulletin 102)
    - A person 14-16 has a valid 4-H or Extension certificate
  - Be trained on the specific tractor and implements they will be using prior to operating equipment and annually thereafter

# What Do You Think?



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# Common Mishaps

- Rollovers: Rear and side
- Front-end loader incidents
- Falls from tractor
- Tractor run-over's
- Caught-between crushing
- PTO shaft entanglement
- By-pass starting







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# Safe Lifting?



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# Power Take Off (PTO)



# PTO Safety

- Use proper shields and guards
- Don't attempt to pull anything free from a rotating shaft!!!
- Near go over (or under) an operating PTO unless guarded by secondary shielding
  - Make a practice of simply never stepping over shafts



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# Entanglement



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# Runover

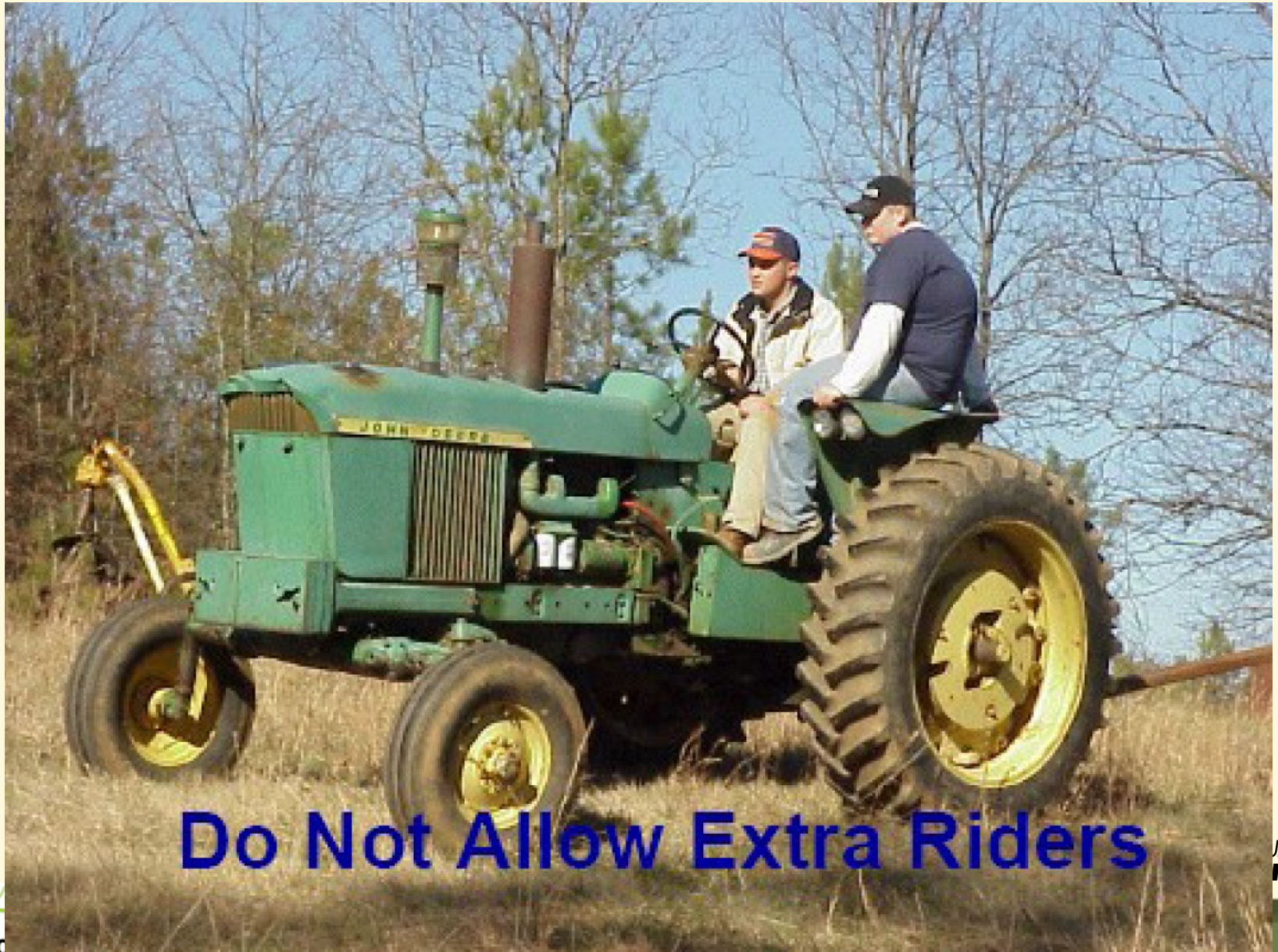


# RUNOVER INCIDENTS



- Usually happens due to:
  - Inability to see others in the line of travel
  - Extra riders falling off from steps, cab, or drawbar
  - Backing the tractor toward machinery to be attached
  - By-pass starting
- Avoid runovers by:
  - Keeping others out of the area where a tractor is operating
  - Stopping, shift to neutral and set brakes before connecting
  - Have workers step out of the area when adjustments are made
  - Clear communication methods between operator and workers





**Do Not Allow Extra Riders**

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# General Equipment

# MIOSHA Equipment Standards

- **PART 51. AGRICULTURAL TRACTORS**
  - Requires ROPS on post 1976 tractors
  - Requires annual operator training
- **PART 53. FARM FIELD EQUIPMENT**
  - Requires guards and shields
  - Requires annual operators instruction













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# Chemical











#### POST MILKING TEAT DIP:

Use full strength.

Immediately after removing inflations, dip or spray each teat in undiluted **Pro IoDip 1000™**. Allow the teat to air dry. Do not wipe. Replace the solution if it becomes visibly dirty.

#### PRE MILKING TEAT DIP:

Just before milking, make sure the teats are clean and dry. Dip or spray each teat in undiluted **Pro IoDip 1000™**, allow to soak for 15-30 seconds. Dry with a single service towel and attach milker units.

**Pro IoDip 1000™** is a teat dip to aid in the prevention of the spread of mastitis causing organisms.

ProChemicals LLC

**Pro IoDip 1000™**  
IODINE TEAT DIP

#### ACTIVE INGREDIENTS:

Iodine	1.0%
Skin Emollients	10.0%

FOR INDUSTRIAL AND FARM USE ONLY  
KEEP OUT OR REACH OF CHILDREN

Manufactured by ProChemicals LLC  
EXP 10-2019

Iodine has been recognized as an effective broad-spectrum bactericide, and it is also effective against yeasts, molds, fungi, viruses, and protozoans.







**KEEP OUT OF REACH OF CHILDREN  
NOT FOR HOUSEHOLD USE**

## **DANGER**

**CORROSIVE.** Contains sodium metasilicate, sodium carbonate and an anionic wetting agent. Causes eye and skin burns. Causes severe respiratory tract irritation. Harmful if swallowed.

## **PRECAUTIONARY STATEMENTS**

Wear impervious gloves, chemical splash goggles (for continued or severe exposure, wear a face shield over the goggles), and an apron. Do not ingest. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Reacts with reducing sugars in food products to form a hazardous carbon monoxide gas. Take proper precautions, especially when using this product in an enclosed or semi-enclosed area. Use proper confined space entry procedures - monitor for carbon monoxide.

*Consult your Ecolab Representative for specific use instructions and recommended dispensing equipment. Please refer to the Material*





Questions?