Youth Farm Safety Panel

UMN/NDSU Extension Farm & Ranch Safety Webinar Series

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• 22 million people employed in an agriculture-related field
• 2 million farms in the U.S.
• 893,000 children/youth live on farms
• More than half of these work on farms (51%)
• An additional 265,600 youth are hired to work on farms
• Over 23 million youth visit farms
Perceived benefits of raising children in rural areas

- Lots of room for kids to play
- Instills a passion, love and respect for land
- Lifelong friendships with other farm kids
- Work/bond with family
- Teaches about the life/death cycle
- Builds character
- Instills a good work ethic
- Teaches responsibility
- Better health
- Have the best pets
The Problem

Top 5 Injury Statistics:

- A child dies in an agriculture-related incident about every 3 days.
- Every day, about 33 children are seriously injured in an agriculture-related incident.
- The number of ag-related youth worker fatalities is higher than all other industries combined.
- Many agricultural work-related injuries and deaths are associated with children doing work that does not match their developmental level.
- 60% of children ag-related injuries happen to children who are not working.

Agriculture is one of the most dangerous occupations in our nation, and the only worksite in the U.S. where children of any age can be present.
The Problem

Top 3 Causes of Injuries & Fatalities:

Fatal:
- Machinery
- Motor Vehicles
- Drowning

Non-Fatal:
- Falls
- Animals
- Machinery/Vehicles

Economic IMPACT

$1.26 BILLION
Solutions to the Problem

Top 5 Safety Strategies

1. Keep Kids Away from Tractors

40% of accidental farm deaths of children under 15 are caused by tractors.

4 out of 5 farm children regularly ride tractors. It's time to break the tradition. It's easier to bury a tradition than a child.

www.childrensafety.org/products

Free Posters

- Bury a Tradition
- Quality Time
- 75 lb. Child
Solutions to the Problem

- Child Care
- Safe Play Areas
  - Fenced
  - Ground Cover
  - Supervision
  - Age-appropriate Equipment
  - Play Ideas
Agricultural Youth Work Guidelines

- Multiple Languages
- Modifiable
- Skin tones
- Equipment Colors
- Multiple Formats
- Topic Specific Booklets
- Farm Equipment
- Animals
- Gardening

Solutions to the Problem
Solutions to the Problem

Ensure environment is as safe as possible

- Eliminate/reduce hazards:
  - Examples:
    - Distractions
    - Slippery/uneven surfaces
    - Repetitive motion

- Provide Personal Protective Equipment:
  - Examples:
    - Non-slip shoes
    - Gloves
    - Hearing protection

Safe Agritourism

Provides information and access to hundreds of resources to help agritourism operators keep visitors safe.

Visit Site

Farm Mapper

Digitally identify and map hazards through a bird’s-eye or augmented reality view.

Visit Site

Safe Farm

Provides tools and resources to identify and address farm hazards and risks.

Visit Site

Operating a Tractor

Can you do this job safely?

- You must be able to do all of the following to perform this job safely:
  - Reach and operate controls while wearing a seatbelt
  - Operate the tractor while standing
  - Operate the tractor while wearing a seatbelt
- Understand and constantly repeat a 10-step process
- Recognize hazards, problem solving, and response appropriately
- React quickly to hazards
- Master enough to consistently do what is expected
- Stay in a safe and comfortable position before walking
- Avoid loose clothing, clothes with long hair
- Comply with the wearing guidelines
- Safety demonstrate the job 4 to 5 times
- Maintain written communication link

Adult Responsibilities

- Ensure tractor is mechanically sound and safety features are in place, including ROPS
- Review developmental guidelines to verify youth is able to operate tractor
- Demonstrate how to safely drive tractor
- Provide appropriate training
- Educate youth on avoiding/avoiding hazards
- Ensure youth does not operate tractor after dark or bad weather
- Train youth to call an adult if equipment malfunctions

Supervision

- Ensure tractor is sized appropriately for youth. Youth must be 10 years to drive an articulate tractor. See Tractor Operations Chart for guidelines
- 14-15 yrs: Intermittent supervision progressing to periodic
- 16 yrs: Periodic supervision

Hazard

- High speed
- Sharp objects
- Killer (insect)
- Run over
- Cultivate with objects
- Football
- Non-slip shoes
- Operator’s helmet
- Hearing protection (if needed)
- Raspberries (if needed)

Protective Strategies

- Cultivate safety
  - www.cultivatesafety.org
Solutions to the Problem

Supervisor Training

- English
- Spanish

Safety Videos

- Bending
- Lifting
- Climbing
Federal Child Labor Laws

• Don’t apply to family farm youth
• Hazardous jobs banned for youth under 16
  • Non-agricultural jobs are 18
• Some exemptions for certain tasks
  • Allow for task performance as young as 14
• Restrictions and guidance for
  • Age
  • School hours
  • Wages
  • More...
• Check for state regulations

For more information, visit:
https://www.dol.gov/agencies/whd/child-labor/agriculture
**Finding Examples and Incidents**

[AgInjuryNews.org](https://www.aginjurynews.org)

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**AgInjuryNews.org**

**WELCOME TO AGINJURYNEWS**

A free, interactive collection of near real-time agriculture related news reports

[Sign Up] [Log in]

<table>
<thead>
<tr>
<th>3,242 Incidents</th>
<th>4,345 Victims</th>
<th>2,053 Fatalities</th>
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<tbody>
<tr>
<td>23-year-old man killed in industrial accident in Fresno County</td>
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<tr>
<td>23 yo male fatally injured while working in an orchard when, for unknown reasons, he was pulled into a shredder.</td>
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<tr>
<td>02/07/2021</td>
<td>Victims: 1 California</td>
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<tr>
<td>Horicon man killed in logging accident</td>
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<td>65 yo male fatally injured when struck by a tree that had been cut.</td>
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<tr>
<td>02/04/2021</td>
<td>Victims: 1 New York</td>
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<tr>
<td>Truck Hits Farm Equipment Near Bruneau, One Killed</td>
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<tr>
<td>21 yo male fatally injured when the farm equipment he was operating on a public roadway was struck from behind by a semi.</td>
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<tr>
<td>02/04/2021</td>
<td>Victims: 1 Idaho</td>
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<td>Apparent farm accident claims Jamestown man's life</td>
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<td>60 yo male fatally injured after sustaining injuries in an incident inside a grain bin.</td>
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<tr>
<td>02/03/2021</td>
<td>Victims: 1 North Dakota</td>
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Website & Brochure (download): https://cultivatesafety.org/

Brochure (order): nccrahs@marshfieldresearch.org
Social Media – Be a safety advocate

How old were your kids when they started working machinery? Note: blades are off...he started riding a two wheeler at 18 months and ice skates better than any adult 😊

My father in law started baking hay in a tractor at 5....but that was 50yrs ago.

My son started at 8 and my daughter at 9

15m  Like  Reply

Depends on the kid. If they can handle it than let them do it. If they can't than they are to young. The younger they are able to do things with the parents the better they are going to be

15m  Like  Reply

Write a reply...

Jana Davidson
Here are some great guidelines to help you assign age-appropriate tasks - https://www.marshfieldresearch.org...

7m  Like  Reply

Marshfield Clinic Research Institute
Agricultural Youth Work Guidelines
marshfieldresearch.org
“DO’s and DO NOTs”

www.CultivateSafety.org/Resources

MEDIA GUIDELINES for AGRICULTURAL SAFETY

LIGNES DIRECTRICES POUR LES ME-EN MATIÈRE DE SÉCURITÉ

PAUTAS PARA LA COMUN-
en materia de SEGURIDAD AGRÍCOLA

The agricultural stories we share are based on real social media messages like the ones below. They are not meant to represent or affirm what we write, says one of the images we share in this guide. VISUAL MEDIA

DO share farm attacks and other farm equipment being loaded and cut, because these stories we share are a reality. We can’t control what others say or do, but we can show others how to do the right thing. VISUAL MEDIA

DO share children being appropriately clothed under supervision.

DO post videos of individuals wearing proper T-shirts personal protective equipment, and equipment like that if you have a farm attack. You can even make your farm attacks in a video or post them in a video.

DO use the authority to shut off or reduce the power of your electricity or on a farm attack.

DO serve people on person to people with full protection, unless or unless you are afraid.

DO share people on people. Do this in a way that makes sense in the situation.

DO share children on people. Do this in a way that makes sense in the situation.

DO share children on people. Do this in a way that makes sense in the situation.

SPECIFICITÉS AUX EN-
JEUNES ET ADULTE

LES histoires agricoles que nous partageons sont basées sur des histoires réelles du social media, comme celles qui sont ci-dessous. Elles ne représentent pas ou ne confirment pas ce que nous écrivons, dit une des images que nous partageons dans ce guide. VISUEL MEDIA

DO partager des fermetures et autres équipements de ferme, car ces histoires que nous partageons sont une réalité. Nous ne sommes pas en mesure de contrôler ce que les autres disent ou font, mais nous pouvons montrer comment faire la bonne chose. VISUEL MEDIA

DO partager des enfants qui portent correctement des vêtements, ou des équipements de protection individuelle, et ces équipements, si vous avez un incident de ferme. Vous pouvez même partager vos incidents de ferme en vidéo ou publier des vidéos sur le sujet.

DO utiliser l’autorité pour éteindre ou réduire l’électricité de votre ferme ou un incident de ferme.

DO partager des personnes qui partagent des personnes, de manière qui fait du sens dans la situation.

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IMAGES

MUST PHOTO: Personne enveloppée dans un fauteuil roulant et tenant une corde de sécurité. En arrière-plan, un objet en flammes. Les photos et la vidéo doivent être réalisées par des photographes professionnels, et être appropriées pour un usage non commercial. S'assurer que les droits d'auteur sont correctement attribués. IMAGES

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It’s important that farm parents and supervisors implement strategies to protect children because

- Agriculture is one of the most dangerous industries in the U.S.
- It is the only worksite where children of any age can be present
- Every day, 33 children are seriously injured and
- Every three days, a child dies in ag-related incidents

By making farms and ranches safer, families can reap the benefits of living and working in rural areas and children can grow up to live a long and healthy life.
Training Materials for Parents, Supervisors and Teachers to Protect Young Agricultural Workers (online training, videos, activities)

Do you train, supervise, or hire young agricultural workers?

As the agricultural season is ramping up, now is a great time to think about how to protect the safety and health of adolescent and young adult workers who are at higher risk of injury. A free, evidence-based training developed by the University of Iowa and the National Children's Center for Rural and Agricultural Health and Safety is available for supervisors, parents, and teachers. Topics include supervising, training, and communicating more effectively with young workers. The training and supplemental materials are available in online and print formats in English and Spanish.

Videos (English and Spanish)

[Video thumbnails with corresponding titles and descriptions]

https://hwc.public-health.uiowa.edu/protecting-young-ag-workers/
CONNECT WITH US
www.progressiveag.org
888-257-3529

- Apply to host a Progressive Agriculture Safety Day
- Find a Progressive Agriculture Safety Day near you!
- Check out our Daily Learning Drop Series
- Farm Safety For Just Kids (FS4JK) resources.
- Like/Follow/Subscribe to us on Social Media
Contact Us

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