

SAY

Safety in Agriculture for Youth



2026 MONTHLY PLANNER

SAY PROJECT

Safety in Agriculture for Youth (SAY) is a grant project funded by the US Department of Agriculture (USDA), and the National Institute of Food and Agriculture (NIFA) to develop a sustainable and accessible national clearinghouse for agricultural safety and health curriculum for youth.

SAY NATIONAL CLEARINGHOUSE

The SAY National Clearinghouse consists of two different types of educational products: formal curricula and other supporting resources and provides their alignment to Agriculture, Food, and Natural Resources (AFNR) Career Cluster Content Standards related to agricultural safety and health.

The term "Formal Curriculum" refers to material that: 1) has learning goals or objectives that are clearly stated; 2) includes subject matter content supportive of the learning goals or objectives; and 3) has an evaluation component (for example, some type of student assessment, such as a quiz).

The term "Other Supporting Resource" refers to more individualized, originally authored resources, such as technical fact sheet series, video clips, PowerPoint presentations, or other materials that lack one or more of the three elements of a Formal Curriculum. Both types of materials may be supportive of AFNR Career Cluster Content Standards and can be valuable educational materials for youth agricultural safety and health.

Please note: all photos and graphics in this calendar were provided by Canva Pro, a graphic design platform.

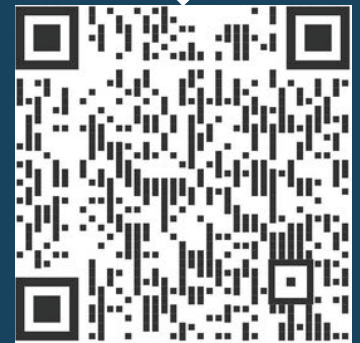
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FUNDING

ag-safety.extension.org/SAY

Use the QR
code or web
address:

SCAN ME



For the funding period of 2021 - 2025, the SAY Project now consists of three funded projects that each focus on a different aspect of youth farm safety. The projects are housed at the University of Nebraska Medical Center, the Ohio State University, and Utah State University and will respectively focus on the SAY National Clearinghouse Project (e.g., SAY Clearinghouse, curricula submissions and review, and marketing), Youth Farm Safety Education and Certification (YFSEC) Instructor Training and YFSEC Youth Training. This project is supported by a USDA-NIFA Youth Farm Safety Education and Certification (YFSEC) Program award number 2021-41521-35104.

Access curriculum and resources that align with AFNR standards in the SAY Clearinghouse from the SAY homepage.

AgSafety4U

Central States Center for Ag Safety & Health

An online certificate course designed for youth, new and beginning farmers, and for employers and employees of ag operations looking to enhance their knowledge, and to provide professional development with a heavy emphasis on tractors and machinery.



Protecting Young Workers in Agriculture

Great Plains Center for Agricultural Health

Promoting U Through Safety & Health (PUSH): A Training for Young Workers

Provides people who hire, teach, or supervise young agricultural workers strategies to protect their workers. Topics include why young workers are at risk for injuries on the farm, supervision, teaching, and communication methods.

Provides young workers (less than 25 years old) with strategies to protect themselves at work. Topics include why young workers are at risk for injuries, finding and controlling hazards, worker rights, communication, workplace violence, harassment, and discrimination and being alert and ready for work.

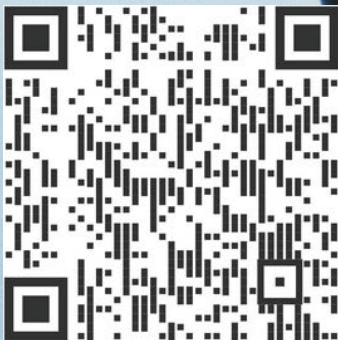
OSHA 10-Hour General Industry

CareerSafe

From OSHA basics to agriculture industry-specific workplace hazards such as confined spaces and tractor safety, this course provides foundational knowledge of occupational safety and health standards appropriate for careers in the agriculture industry.

ONLINE COURSES

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Welding Safety

Covers the required safety measures that should be in place to prevent welding injuries, and outlines the safety measures to take while welding and doing other 'hot work.'

Good Day's Work

General Electric

Course creates an awareness of dangerous electrical situations on a farm operation, including contact with overhead power lines, live circuits, poorly maintained electrical equipment and more.

Ladder Safety

With this course, your employees will be reminded of how dangerous ladders can be, and the common-sense measures they should take to eliminate these easily avoidable ladder accidents.

Walking/Working Surfaces

Introducing the many surfaces and equipment—both on the ground and above it—that can present unforeseen slip, trip and fall hazards. Includes required safety measures that should be in place in work areas to protect from falls, and to know when encountering ladders and scaffolds. Also fall protection and general safety tips!

Chainsaw Safety Video Series

Free videos on how to use a chainsaw safely, helping to protect the health and safety of workers in agriculture, forestry, and fishing, and their families

US Agricultural Safety and Health Centers

Safety First

Interactive website for safety and operation of machinery found in high school agriculture, carpentry, and welding shops, including lesson plans and operational tests.

Safety First

The Ladder Safety App is designed to improve extension and step ladder safety for ag workers.

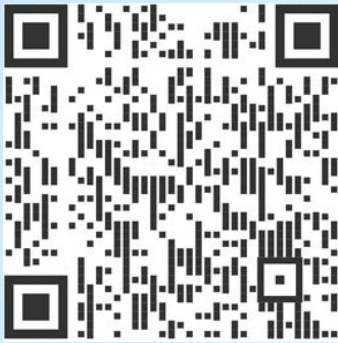
Ladder Safety App

NIOSH



SAFETY AROUND THE FARM & RANCH

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February

National FFA Week

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Agricultural Confined Spaces: Young & Beginning Worker Materials

Purdue University
Ag Safety & Health

Summarizes injuries and fatalities associated with agricultural confined spaces and provides access to resources for those conducting related safety and health training.

Young Workers Stand T.A.L.L. Grain Safety

Grain Handling
Safety Coalition

Encourages young workers to seek assistance when needed to protect themselves from danger and to share with others information about worker safety.

Grain Handling and Bin Safety

Good Day's Work

This video discusses common hazards associated with grain and safety training starting with prevention measures. It also covers how to safely enter a grain bin and how to respond if you or an employee does become entrapped.

Good Day's Work

Confined Spaces

This video explains exactly what classifies as a "confined space," including those that require a permit for entry, examining what makes these types of work areas so dangerous and look at the information that must be included on an entry permit, and much more.

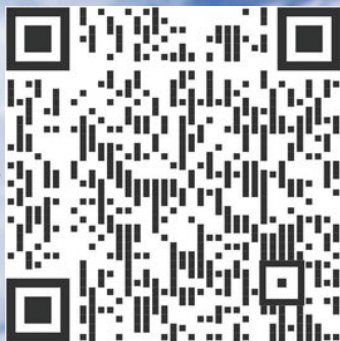
Lockout Tagout

Good Day's Work

Covers the fundamentals of the lockout/tagout procedure and why it is so important including the six steps to properly execute a lockout/tagout scenario, and how to safely bring a lockout/tagout back online.

CONFINED SPACE AND GRAIN SAFETY

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Agricultural Safety Awareness Program (ASAP)
Stand Up 4 Grain Safety Week

PPE

In-depth training courses on each of the topics covered in this overview of the basics that includes protection of one's hearing, vision, face and body. Content will also cover how to choose the proper PPE for the job, and tips on how to keep equipment clean and properly stored after use.

Good Day's Work

Respiratory Protection

This course expands the student's fundamental knowledge of exposure risks, plus the proper fit, storage and maintenance for respirators.

Hearing Protection

This class will cover all the essentials, including agricultural examples of which jobs require which types of hearing protection, proper fit and instruction on how to choose the correct type of protection based on NRR ratings.

Cover Up! Head-to-Toe Personal Protective Equipment

Agriculture has some of the highest rates of injury among all other occupations in the U.S., but injuries can be prevented if we use the right personal protective equipment (PPE). This lesson overviews common harmful exposures in farming and ranching and what PPE youth can use to prevent or reduce injuries and exposures.

Invest in Your Health AgriSafe Network

Say What? Protecting your Hearing

Noise-induced hearing loss (NIHL) is common and preventable but unfortunately, most youth do not wear hearing protection. This lesson overviews ear anatomy, common noise hazards on a farm or ranch, how to prevent NIHL, and what PPE to wear.

Great Plains Center for Agricultural Health

The goal of this course is for rural health and safety professionals to be able to recognize the responsibilities of employers and employees when using PPE in the workplace and apply methods for the proper selection of PPE.

PPE for Agricultural Health

PPE to Reduce Pesticide Exposure

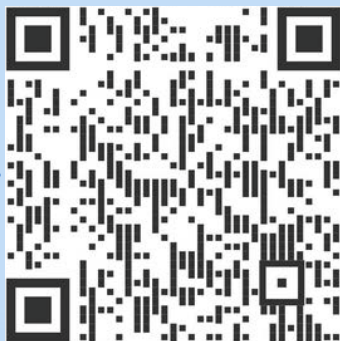
Penn State Extension

The purpose of this demonstration is to illustrate how exposure to pesticides can be significantly reduced to nearly eliminated with the use of Personal Protective Equipment (PPE).



PERSONAL PROTECTIVE EQUIPMENT

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Agricultural Tailgate Training

Ohio State University
Ag Safety & Health

Topics for “tailgate training”: are short, frequent, safety training sessions to keep safety in the forefront of employee's daily routine.

Transportation Hazards in Agriculture

National Farmers
Union

An overview of transportation hazards in agriculture and understand how to minimize and prevent injuries.

Farm Safety Videos

Great Plains Center for
Agricultural Health

Videos addressing farm
machinery safety, and more.

Guarding of Farm Equipment & PTO Shafts

Good Day's Work

Important for workers of all ages and experience levels always follow safe procedure and understand the importance of guards, and why removing them cause a significant number of accidents.

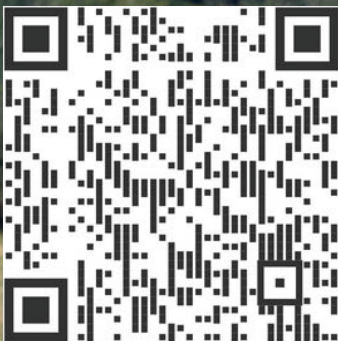
Harvester Safety

How to safely operate harvesters, including familiarization with controls and components, do's and don'ts to avoid harm, and operating instructions for specific scenarios employees may encounter.



MACHINERY SAFETY

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Immigrant Dairy Worker Health and Safety

A health and safety intervention for immigrant workers in dairy in Spanish and in English. This project is a partnership of Migrant Clinicians Network, the National Farm Medicine Center, and the Upper Midwest Agriculture Safety and Health Center.

Invest in Your Health AgriSafe Network

Stop Zoonosis in its Tracks!

The majority of emerging infectious diseases in the U.S. are zoonotic in nature (transferable between animals and humans). This lesson overviews common zoonotic diseases including modes of transmission, signs and symptoms, and preventative measures.

FeedYard 15

Safety awareness for livestock producers with a teacher resource guide.

University of Nebraska Medical Center

Right From the Start

Free safety training curriculum that is available to cattle feedyard operations.

Positive Animal Handling (Stockmanship)

This teacher resource to teach stockmanship explains ways it can be practiced, including at least 3 items to consider when approaching dairy cattle, describing the zip-zag method to moving cattle and using the pressure point in relation to an animal's flight zone is more effective in reducing stress.

UMASH

Needlestick Prevention

Needlestick prevention resources are intended to educate those individuals and prevent injuries in swine and dairy operations.

Dairy Safety Training

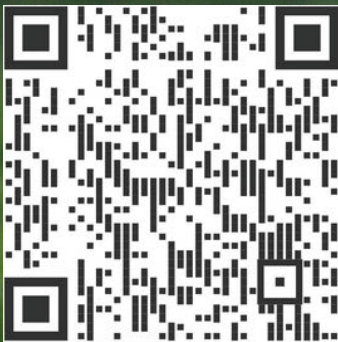
YouTube videos to educate dairy farm workers on practices that will keep both the workers and the cows safe and healthy.

US Agricultural Safety and Health Centers



LIVESTOCK SAFETY

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Gearing up for Safety

Purdue University
Ag Safety & Health

For youth who are 14 and 15 years of age, this course will provide them with the materials needed to be certified through the Department of Labor's Hazardous Occupations in Agriculture Order (HOOA). Receiving this certificate enable youth 14 to 15 years of age to perform jobs listed as potentially hazardous such as operating a tractor over 20 PTO hp.

Rollover Ranch

University of Nebraska
Medical Center

A fun and educational IVR game that simulates tractor, ATV, and electrical safety. The user drives around a farm to complete different activities, all while operating the equipment safely and avoiding hazards. If the player takes proper safety measures, they should be able to survive.

National Safe Tractor & Machinery Operation Program

Penn State
Extension

A Guide to Teaching Safe Tractor Operation

A certificate program for 14- and 15-year-old youth enabling them to legally operate farm tractors and powered equipment for hire which they other-wise would not be allowed to operate under the U.S. Department of Labor's Hazardous Occupations Order in Agriculture.

The manual developed by Penn State to assist instructors to organize and conduct a hands-on safety tractor driving workshop.

Roll-Over Protective Structures (ROPS)

Good Day's Work

This course focuses on the importance of understanding the center of gravity in relationship to the tractor's stability zone, the factors that can affect position of the center of gravity, and actions to take in order to prevent a rollover.

TRACTOR SAFETY

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Stay Cool!

Invest in Your Health
AgriSafe Network

This lesson overviews the different types of heat-related illnesses, signs of life-threatening exposure, and immediate care procedures.

Preventing Heat Related Illnesses

University of Nebraska
Medical Center

Learn how to avoid heat-related illnesses and keep your team safe from the risks.

Occupational Diseases of the
Lung and Skin in Agricultural Settings

Great Plains Center for
Agricultural Health

This course is for rural health and safety professionals to be able to identify occupational diseases of lungs and common skin diseases in agricultural settings and recognize potential worker health effects and apply controls.

Heat Safety Tool App

NIOSH

A useful resource for planning outdoor work activities based on how hot it feels throughout the day. It has a real-time heat index and hourly forecasts specific to your location. It also provides occupational safety and health recommendations from OSHA and NIOSH.

OCCUPATIONAL HEALTH

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Equine Farm Safety Training

World class equine education at your fingertips from My Horse University.

Michigan State University Extension

Animal Handling: Swine

UMASH

When working with pigs, especially sows, it is important to practice positive animal handling. Calm pigs are easier to sort and separate than excited pigs and stress is reduced for both the animal and the worker.

Covers information relating to animal handling that place workers at risk for injury or illness.

Illness and Injury Prevention Among Animal Caretakers

Great Plains Center for Agricultural Health

Provides a basic understanding of the hazards for individuals that handle or treat livestock on a regular basis. Animal caretakers engage in demanding tasks and may be kicked, bitten, or exposed to biological hazards.

Livestock Handling

Saddle Up Safely

Univeristy of Kentucky Ag Equine Programs

Horseback riding is a rewarding sport, but it should be safe as well. This course aims to make a great sport safer and more enjoyable for all riders.

Loading cattle doesn't have to be stressful or risky—watch this video and learn how to handle the process like a pro!

Loading Animals Safety

Safe Cattle Handling and You

Cattle handling is all about patience, respect, & understanding behavior. Stay calm, move slowly, and respect their space to keep things stress-free and safe.

Your guide for staying safe in the cattle industry while protecting both you & your horse.

Horse and Rider Safety

Handling Pharmaceuticals

Even the most experienced can encounter new and unforeseen challenges with the storage, handling and disposal of pharmaceuticals and other toxic substances.



Good Day's Work

ANIMAL SAFETY

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National Farm Safety & Health Week

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Off-Road Vehicle Hazards

An overview of off-road vehicles used in agriculture to understand how to minimize and prevent injuries and fatalities.

Great Plains Center for
Agricultural Health

High Plains Intermountain
Center for Agricultural
Health & Safety

ATV Safety Course

The purpose of this training is to increase awareness of the risks and hazards associated with riding ATVs and to advocate for safer riding strategies to prevent injury and fatality.

Colorado School of
Public Health

ATV Safety Training Videos

Focus on primary uses of ATVs on ranches and farms: animal handling, fence building and mending, weed control & spraying and transportation

ATV/UTV Stability Lesson

A comprehensive student-centered agricultural education management system.

The Agricultural
Experience Tracker

National Farmers Union

Farm Safety Videos

Videos addressing
farm machinery
safety, and more.

ATV Aware

Although useful on farms and ranches, ATVs have known safety hazards associated with their use. Education or awareness of safe ATV riding behaviors is lifesaving for all ages.

University of Nebraska
Extension

ATV Safety

Learn how to safely operate an ATV, specifically with regard to riding techniques for various terrain and other hazards, as well as the equipment required to maximize safety. It also includes most common causes of serious injury and fatality and how to avoid them.

Good Day's Word



ATV SAFETY

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Injury Risk Assessment

Utah State
Extension

A supervised agricultural experience (SAE) is a key component of an agricultural education program for high school students. The Injury Risk Assessment for SAEs integrates safety through daily lesson plans, implementing a code, and student self-assessment.

Where Y'at? Using Mapping to Define Hazards in Agriculture

Invest in Your Health
AgriSafe Network

Students learn how to identify and map out farm hazards so that they can either be eliminated or that safety procedures can be put in place around them.

Good Day's Work

First Aid

On a farm operation, where medical assistance may be miles away, every second counts. Being confident in basic first-aid skills could be the difference between life and death for you or a co-worker.

SaferFarm Hazard Assessment

National Farm
Medicine Center

Includes demonstrations on PTO hazards, tractor stability, blind spots, flowing grain hazards and corn harvest safety.

First Aid & Emergency Preparedness

University of Nebraska
Medical Center

First aid and emergency preparedness resources found here.

PREPAREDNESS

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National FFA Convention

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Think F.A.S.T.

Farm & Ag Safety Training is an initiative designed to proactively address on-farm safety concerns for youth. The program materials are free to all and tailored for audiences 14- 17 and focused on safety, leadership, & critical thinking skills applied to agriculture-specific contexts.

American Farm
Bureau Federation

Collaboration with
3 NIOSH-funded
Ag Centers

Telling the Story Project

Injury prevention messages that highlight personal stories and first-hand experiences. "We don't want this to happen to anyone else"

SW Ag Center

Home Safe Home

All three videos involve a farmer who was working alone when it happened. They admit they should have waited, to identify unnecessary risks and make changes before tragedy strikes.

Youth@Work Talking Safety

Fun, free, and engaging curriculum is meant to be used in a classroom setting, and has been customized for each state, DC, the Virgin Islands, and Puerto Rico to address their specific laws.

NIOSH

Farm Safety Learning Lab

Hands-on, durable materials that make learning tactile and fun. Topics: risk factors, points of peril, PPE, hand signals, tractor operation, implement attachment and driving with an implement, and materials handling, specifically skid steer and front-end loader control.

OSU Extension

Teaching Ag Safety and Health
Management Planning

Penn State
Extension

Manual provides risk reduction information & resources for developing safety and health management programs.



DECISION MAKING TRAINING

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