



Teach Your Way: Open Source Ag Health and Safety Curriculum

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Protecting the People who Feed the World[®]

How we Protect:

1. Ongoing needs assessment of Ag producer needs (following Total Farmer Health)
2. Train rural health professionals across the nation
3. Establish partnerships with NIOSH Ag Centers, rural research centers, and other NPOs
4. Maintain a culture of readiness and organizational expectation to protect and respond



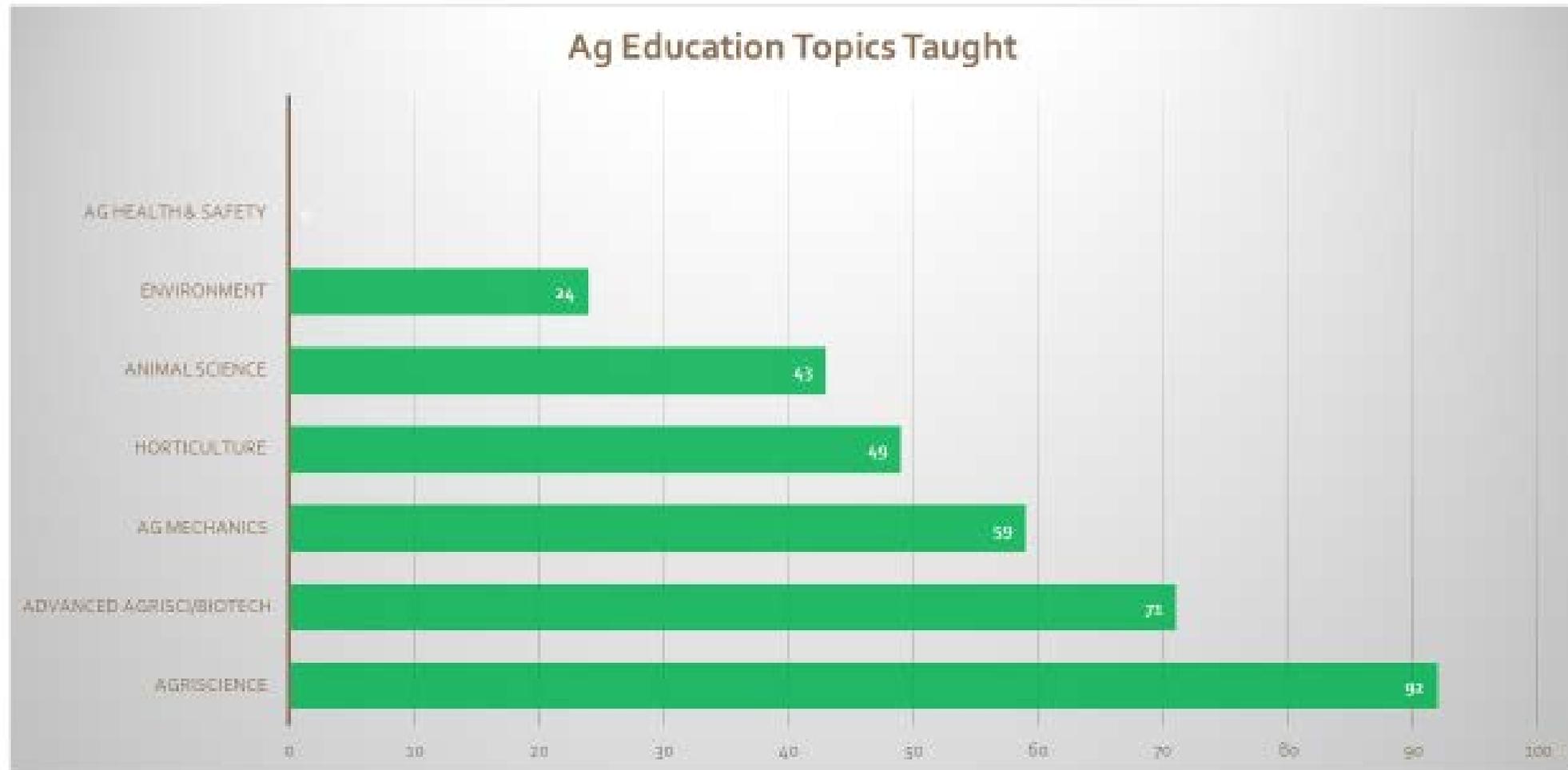
Invest in Your Health: Train the Trainer Program



- ❖ AgriSafe is offering this Train-the-Trainer series to anyone who works with youth (ages 14-23 years).
- ❖ AgriSafe is committed to train safety and health professionals who wish to teach IYH trainings in their classroom. Under our open share platform, once certified, you are free to use the training materials.
- ❖ The series of modules will walk you through 5 target areas and includes an instructor guide after completing each topic. These train the trainer courses will help prepare you to teach on each of the topic areas included. You will have the opportunity to increase your knowledge and will receive an instructor guide to use with your students or young workers. The modules include On-Demand webinars, Classroom Learning Activities, as well as an Instructor Guidebook.
- ❖ IYH training modules aim to educate, prevent and protect young farmers by providing them with the tools they need to stay safe and healthy.
- ❖ These Train the Trainer courses are designed for teachers, Extension staff, 4H and FFA leaders and others who work with young adults.
- ❖ Our end goal is to build the capacity of rural educators and leaders to train young workers.



Ag Classroom Education- Source National FFA



The training topics that will be discussed included:



Say What? Protecting your Hearing



Cover Up! Head to Toe Personal Protective Equipment



Stay Cool! Prevention of Heat Related Illness



Stop Zoonosis it its Tracks- Prevention of Zoonosis



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



Say What: Protecting your Hearing

The young producer works in an environment with noise hazards and plays in an environment with noise hazards. Noise-induced hearing loss (NIHL) is common (and preventable) but unfortunately, use of hearing protection among youth is not.

Instructor Guidebook: Say What?!

This Train the Trainer course is designed for teachers, Extension staff, 4H and FFA leaders and others who work with young adults.

The young agricultural producer works in an environment with noise hazards. Noise-induced hearing loss is preventable but unfortunately use of hearing protection among youth is not common.

This program will highlight the pathophysiology of hearing loss, the importance of preventing noise induced hearing loss and share *Invest in Your Health* training materials and classroom activities to teach hearing loss prevention.



Instructor Guidebook Includes:

- On-Demand Webinar Link
- Presentation File Link
- AgriSafe Decibel Hunt
- Additional Resources for Instruction



AgriSafe Decibel Hunt

Livestock Building



Decibel Reading _____

Maximum exposure limit (*minutes*)
without hearing protection _____

Grain Auger/Grain Bins



Decibel Reading _____

Maximum exposure limit (*minutes*)
without hearing protection _____

Music Room



Decibel Reading _____

Maximum exposure limit (*minutes*)
without hearing protection _____

Tractor or Lawn Mower



Decibel Reading _____

Maximum exposure limit (*minutes*)
without hearing protection _____

Woodshop



Decibel Reading _____

Maximum exposure limit (*minutes*)
without hearing protection _____

Mobile device/ear buds



Decibel Reading _____

Maximum exposure limit (*minutes*)
without hearing protection _____

Vacuum



Decibel Reading _____

Maximum exposure limit (*minutes*)
without hearing protection _____

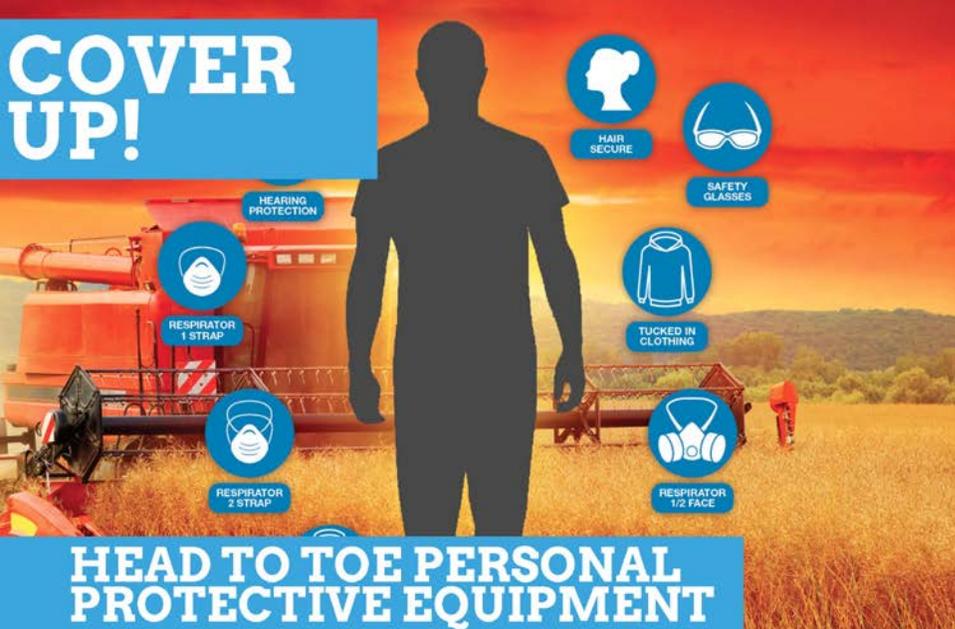
Indoor stadium



Decibel Reading _____

Maximum exposure limit (*minutes*)
without hearing protection _____

COVER UP!



HEAD TO TOE PERSONAL PROTECTIVE EQUIPMENT

Instructor Guidebook: Cover Up!

This Train the Trainer course is designed for teachers, Extension staff, 4H and FFA leaders and others who work with young adults.

Agriculture is ranked as one of the most dangerous occupations and involves workers and families of all ages – but injuries can be prevented if we use the right protective equipment for the job.

This program will present an overview of common exposures in farming and ranching. Students can discuss those exposures and determine the appropriate protective gear for each scenario. In addition, there is one case study presenting common multiple exposures that young people experience are included for discussion.



Invest in Your Head
Educate. Prevent. Protect.



Instructor Guidebook Includes:

- On-Demand Webinar Link
- Presentation File Link
- AgriSafe Activity Worksheets
- AgriSafe Personal PPE Worksheet



Cover Up! Head to Toe Personal Protective Equipment

Agriculture is ranked as one of the most dangerous occupations and involves workers and families of all ages – but injuries can be prevented if we use the right protective equipment for the job.

This program will present an overview of common exposures in farming and ranching. Students can discuss those exposures and determine the appropriate protective gear for each scenario. In addition, two cases studies presenting common multiple exposures that young people experience are included for discussion.

Objectives- by the end of this session, students will be able to:

- Review several of the indicators related to use of personal protective equipment (ppe) in agriculture
- Access personal protective (ppe) educational material developed for classroom use
- Select decision making activities from programs designed for classroom timeframes
- Identify safety and health resources for use in educational settings

MACHINERY

Personal Protective Equipment



ACTIVITY INSTRUCTIONS:
 1. Examine the figure in the picture. 2. Draw a line from the protective equipment you select and place on the picture of the worker. 3. Draw an X through the ones you did not choose. 4. Now, on the back side of this page, write in the protective equipment you would need when working in this area.



LIVESTOCK

Personal Protective Equipment

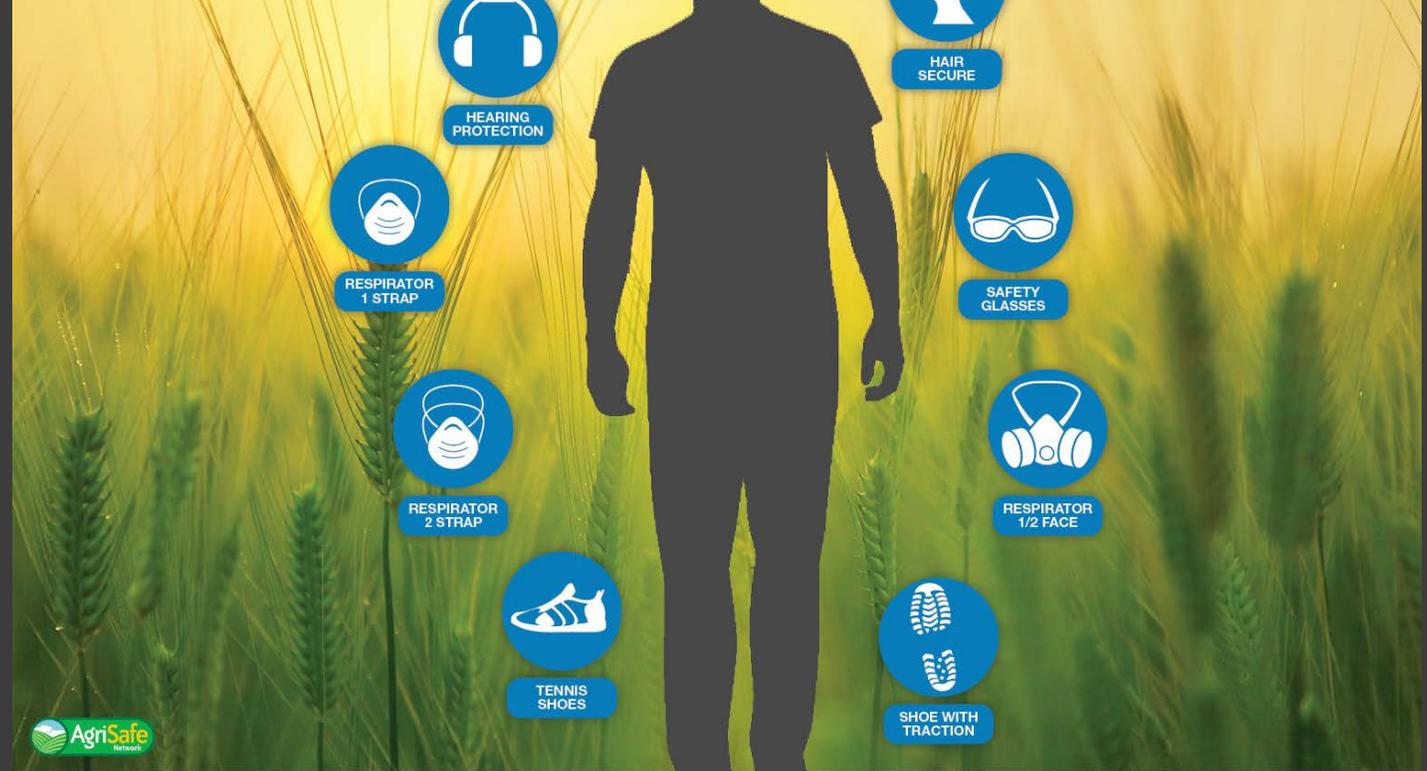


ACTIVITY INSTRUCTIONS:
 1. Examine the figure in the picture - what protective gear do you think he/she should use when working in grain? 2. Draw a line from the protective equipment you select and place on the picture of the worker. 3. Draw an X through the ones you did not choose. 4. Now, on the back side of this page, write in the protective equipment you would need when working in this area.



GRAIN

Personal Protective Equipment



ACTIVITY INSTRUCTIONS:
 1. Examine the figure in the picture - what protective gear do you think he/she should use when working in grain? 2. Draw a line from the protective equipment you select and place on the picture of the worker. 3. Draw an X through the ones you did not choose. 4. Now, on the back side of this page, write in the protective equipment you would need when working in this area.



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STAY COOL!

PREVENTION OF HEAT RELATED ILLNESS



Instructor Guidebook: Stay Cool!

This Train the Trainer course is designed for teachers, Extension staff, 4H and FFA leaders and others who work with young adults.

In 2014, 253,000 young workers between the ages of 16-23 were employed in agriculture. In production agriculture, it is common to work in a hot environment and/ or in direct sunlight. Every year, thousands of workers become sick from exposure to heat, and some even die. Heat-related illnesses, while potentially deadly, are easily preventable.

This program will present an overview of the types of heat related illnesses; warning signs of life threatening exposure, learn immediate care procedures and access educational resources including information on employer responsibilities and worker's rights.



Instructor Guidebook Includes:

- On-Demand Webinar Link
- Presentation File Link
- AgriSafe Case Study Worksheet
- Additional Resources for instruction



Stay Cool! Prevention of Heat Related Illness

In production agriculture, it is common to work in a hot environment and/ or in direct sunlight. Every year, thousands of workers become sick from exposure to heat, and some even die. Heat-related illnesses, while potentially deadly, are easily preventable.

Objectives- by the end of this session, participants will be able to:

- Identify the various types of heat related illnesses
- Identify warning signs of life-threatening exposures
- Learn immediate care procedures
- Access educational resources



TRAIN THE TRAINER PREVENTION OF ZOO NOTIC DISEASE

Instructor Guidebook: Stop Zoonosis in its Tracks

This Train the Trainer course is designed for teachers, Extension staff, 4H and FFA leaders and others who work with young adults.

Agricultural producers are at high risk for acquiring a zoonotic disease related to their work environment with minimal information related to risks, symptoms and prevention. The majority of emerging infectious diseases in the U.S. are zoonotic in nature. They are often difficult to determine and many go unreported for a variety of reasons.



Instructor Guidebook Includes:

- On-Demand Webinar Link
- Presentation File Link (Prezi format)
- AgriSafe Zoonotic Bingo Game
- AgriSafe Zoonotic Fact Sheet
- CDC Handwashing Activity
- Extension Zoonotic Activity



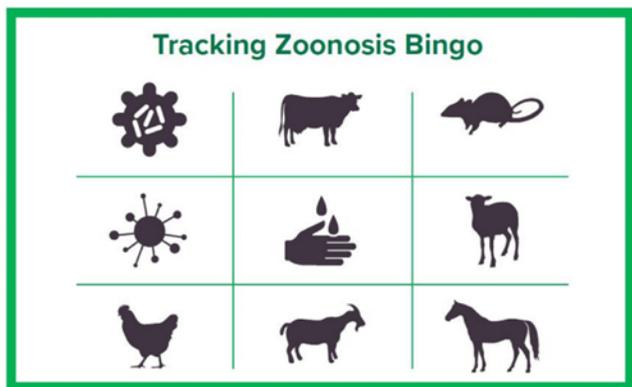
Stop Zoonosis it its Tracks- Prevention of Zoonosis

Agricultural producers are at high risk for acquiring a zoonotic disease related to their work environment with minimal information related to risks, symptoms and prevention. The majority of emerging infectious diseases in the U.S. are zoonotic in nature. They are often difficult to determine, and many go unreported for a variety of reasons.

Objectives- by the end of this session, students will be able to:

- Define zoonotic disease and identify various modes of transmission;
- Locate recommended educational resources for use in educational programs;
- Discuss warning signs and symptoms of major zoonotic diseases;
- Identify zoonotic diseases affecting the production agricultural population

Tracking Zoonosis Bingo

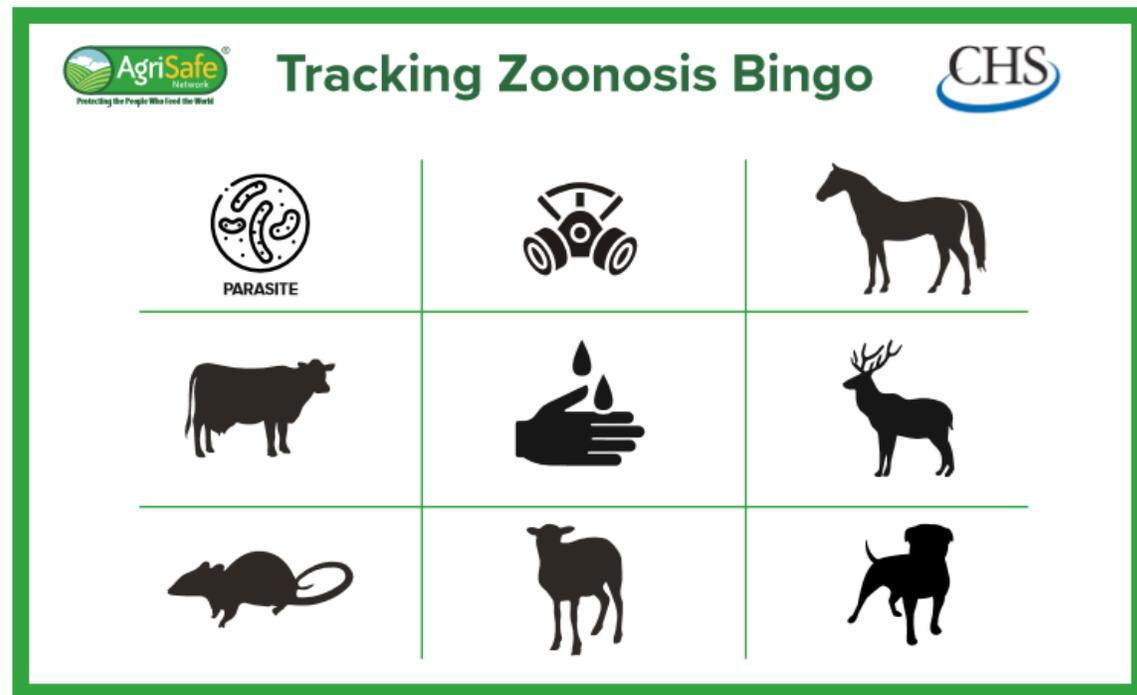


AgriSafe Network created the Tracking Zoonosis Bingo game to assist Ag Educators in the instruction of major Zoonotic diseases common in agriculture.

Materials include:

- Bingo cards for students
- Bingo question/answer cards for instructors
- AgriSafe Zoonosis fact sheet

AgriSafe offers Invest In Your Health Trainer Exchanges where educators can be certified to train on five AgriSafe modules (targeted for ages 16-23). AgriSafe provides the course instruction and training materials. For more information on the Train the Trainer courses designed for teachers, Extension staff, 4H and FFA leaders and others who work with young adults visit: www.agrisafe.org/invest-in-your-health-program





HAZARD MAPPING!

Instructor Guidebook: Hazard Mapping

This Train the Trainer course is designed for teachers, Extension staff, 4H and FFA leaders and others who work with young adults.

Agriculture is ranked as one of the most dangerous occupations and involves workers and families of all ages – but injuries can be prevented if we use the right protective equipment for the job.

Participants will learn about the Hazard Mapping curriculum and will be given access to all teacher and student materials after completing the webinar.



Instructor Guidebook Includes:

- On-Demand Webinar Link
- AgriSafe Activity Worksheets
- Hazard Mapping Stickers



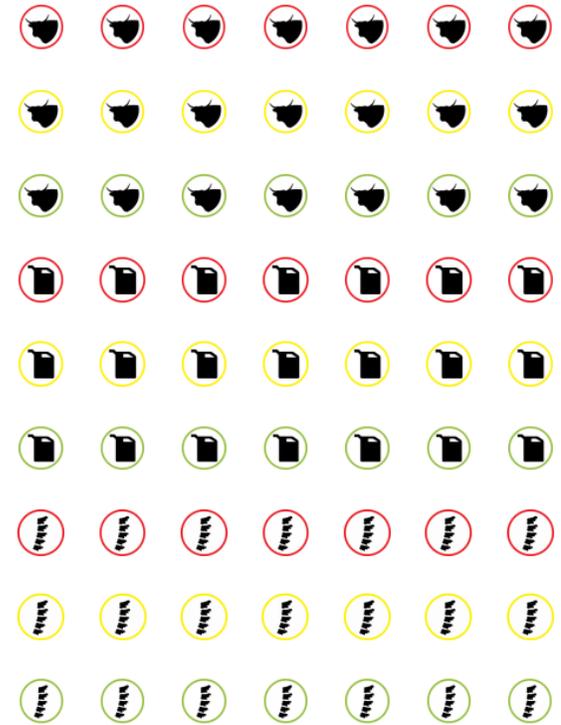
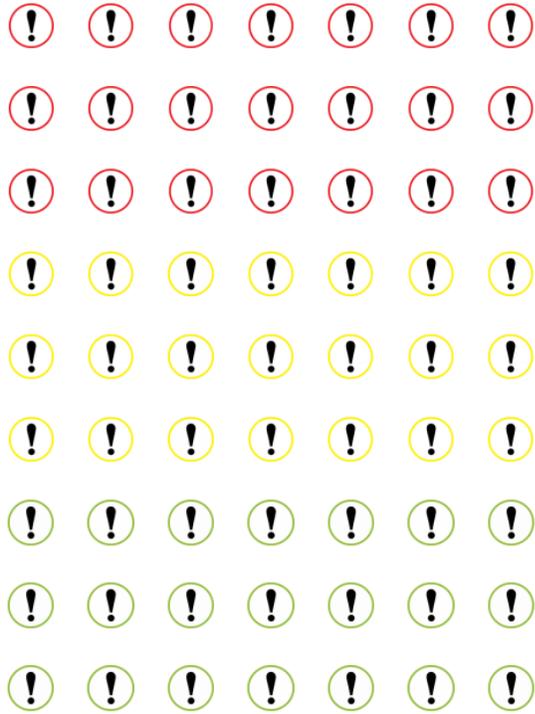
Where Y'at-Using Mapping to Define Hazards in Agriculture

Participants will learn about the Hazard Mapping curriculum and will be given access to all teacher and student materials after completing the webinar. A Hazard Map is a visual representation of the workplace where there are hazards that could cause injuries or illness. The Hazard Mapping method draws on what students know from their farming experience. The Hazard Mapping approach works best when conducted among a small group of students with some similarity in their work and exposures.

Objectives:

- To examine the hazards in agricultural production.
- To identify and locate hazards so that those hazards can be targeted for elimination.
- To embrace a participatory process that involves as many students as possible.
- To respect the vast array of skill, experience and know-how that students have about their farm jobs and their dangers.
- To collectively and creatively pool our knowledge and prioritize what problems to eliminate.





Hazard Mapping Printable Stickers

Certification

Once all five modules are completed the instructor will earn an Invest in Your Health Instructor Scholar certificate.

Using AgriSafe's online Learning Lab, instructors have the capability to use the provided materials in a classroom setting to educate students.

Upon request, students are also eligible to receive an Invest in Your Health Student Scholar certificate of completion once they complete the assigned modules under the guidance of the instructor.

Under our open share platform, once certified, you would be free to use the training materials in your classroom setting.

AgriSafe Learning Lab

Visit <https://learning.agrisafe.org/>

Create FREE! Profile Only Account (*Takes less than a minute*)

Register to take remaining **Invest In Your Health - Train the Trainer Courses**





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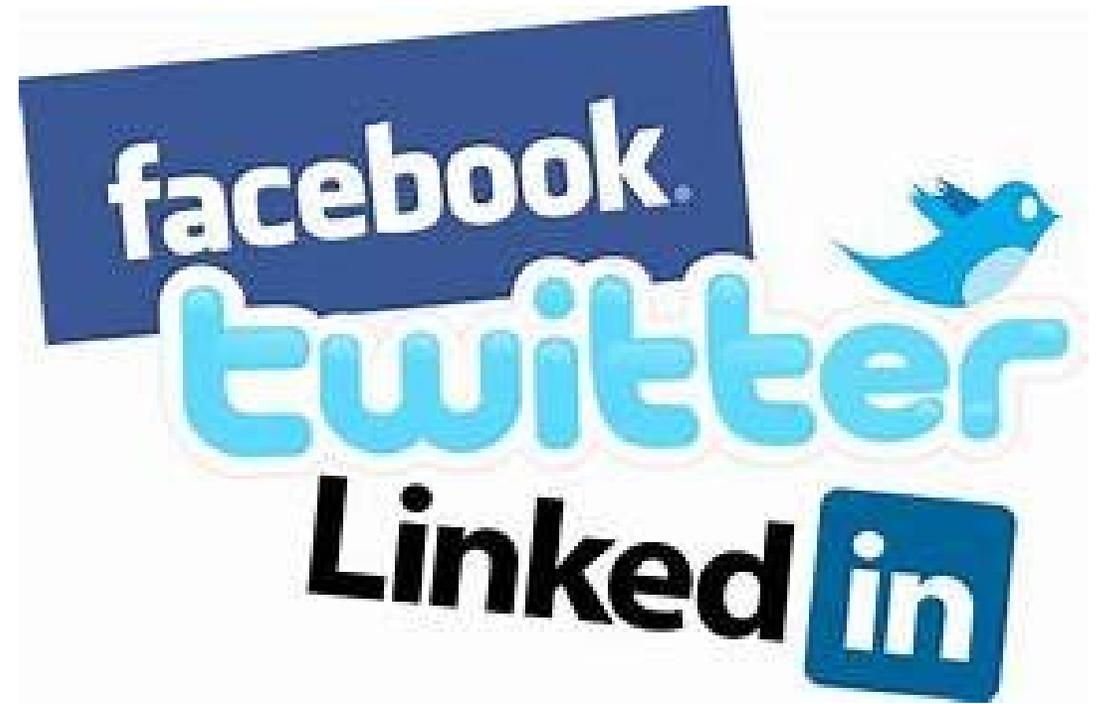
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Partnerships
are a
cornerstone of
AgriSafe's
outreach



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