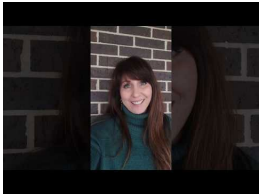




Gear Up for Ag Health and Safety Texas A&M Online Program

Gear Up for Ag Health and Safety™ Program Overview & Introduction

Gear Up for Ag Health and Safety™ is the main program of [Ag Health and Safety Alliance™](#) which is an international nonprofit organization that focuses on the health and safety of the next generation of agriculture. Watch this video from Carolyn Sheridan, Founder and President of Ag Health and Safety Alliance, who explains why we are unable to deliver our program in person at Texas A&M University this semester.



The Gear Up for Ag Team

Click the videos to meet our [Gear Up for Ag team](#) Carolyn Sheridan, David Sullivan (Sully) & Jenna Gibbs



Each year, our program is delivered in the US, Canada, Australia, Denmark and Sweden. We enjoy having a great time with college and high school students from around the world. Check out our [website Gallery](#) and [YouTube Channel](#) to see more videos of our travels and pictures from Gear Up for Ag programs around the world. Our Texas program is possible through our partnership with [SW Ag Center](#) and we were looking forward to being at Texas A&M this semester. [Check out this video](#) from Texas A&M 2019.

Gear Up for Ag Survey Please take 5-8 minutes to complete a survey so we can learn a little more about your agricultural background and current health and safety practices. [Click here to take this important survey.](#) When you complete this survey, you will be entered in a drawing to win a “GEAR UP for AG” cooler shown in the photo to the right. A cooler, like this one, is useful during busy times on the farm or ranch - such as calving season, during long travel, or harvest. When busy, many agricultural workers forget to pack a healthy snack or take a break while out in the field or on the road. The cooler/pack is also a great place to store essential pieces of Personal Protective Equipment (PPE) such as safety glasses, hearing protection and respirators.



Gear Up for Ag Program

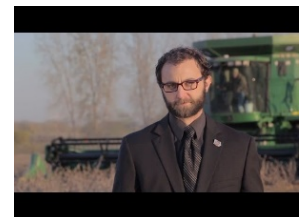
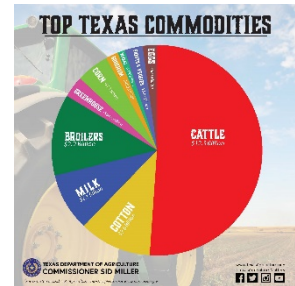
Welcome to our online version of the Gear Up for Ag program. This document will take you through several Ag Health and Safety topics to give you an overview of the hazards associated with Agriculture and some preventions strategies.

Agriculture The Occupational Safety and Health Administration (OSHA) has acknowledged that farming is one of the most dangerous professions in the United States. Machinery, chemicals, grain bins, livestock handling, sun and heat, toxic gases, silos, and wells are some of the most potentially life-threatening farming hazards. The well-being of our nation's farmers and agricultural workers is vital to strong communities and the U.S. economy. Health and safety training gives farm families the awareness and information they need to reduce safety hazards and protect youth who also work on the farm.

To keep up with projected population growth, more food will have to be produced in the next 50 years as past 10,000 years combined. Today, the average U.S. farmer feeds 166 people. Agriculture provides more than 24 million U.S. jobs in all kinds of industries. Texas leads the nation in total number of farms and ranches, with more than 245,000 operations averaging 530 acres in size. Together, this land spans more than 130 million acres. Texas agriculture's total economic impact reaches \$115 billion annually, and one out of every seven Texans works in an agriculture-related job.

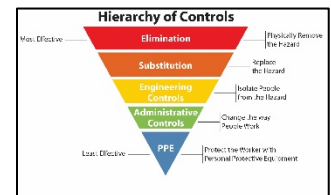
[Learn](#) about top ten Texas Commodities.

Check out the [Farmer Nice](#) Video to learn more about things that come from Ag.



Gear Up for Ag Health and Safety™

Prevention Strategies: The idea behind the Hierarchy of Controls is that the control methods at the top of graphic are more effective and protective than those at the bottom. Following this hierarchy normally leads to the implementation of inherently safer systems, where the risk of illness or injury has been substantially reduced. [Click](#) to learn more.



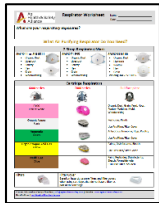
Personal Protective Equipment Personal protective equipment, commonly referred to as "PPE", is equipment worn to minimize exposure to hazards that cause serious workplace injuries and illnesses. These injuries and illnesses may result from contact with chemical, radiological, physical, electrical, mechanical, or other workplace hazards. Personal protective equipment may include items such as gloves, safety glasses and shoes, earplugs or muffs, hard hats, respirators or coveralls, vests and full body suits.

What Personal Protective Equipment (PPE) do you need?	
Head	<input type="checkbox"/> Sun Safety Hat <input type="checkbox"/> Hard Hat
Eyes	<input type="checkbox"/> Safety Glasses <input type="checkbox"/> Goggles <input type="checkbox"/> Face Shield
Ears	<input type="checkbox"/> Earplugs <input type="checkbox"/> Ear Muffs
Respiratory	<input type="checkbox"/> N95 Respirator <input type="checkbox"/> Chemical Respirator
Body	<input type="checkbox"/> Coveralls <input type="checkbox"/> Chemical Resistant Suits
Hands	<input type="checkbox"/> Work Gloves <input type="checkbox"/> Chemical Resistant Gloves
Feet	<input type="checkbox"/> Safety Shoes <input type="checkbox"/> Steel Toed Shoes

[Learn more](#) about PPE and [Click to view](#) and print the PPE work sheet.

Ag Health and Safety Topics

Respirators Respiratory protection in agriculture and other occupations means getting the right mask for the right job with the right fit. Click on the [respiratory video](#) and [fit check video](#) to learn how the size and amount of dust can impact your lungs and how to do a respiratory fit check. [View](#) and print the Respiratory protection worksheet to determine which respirator is right for you.



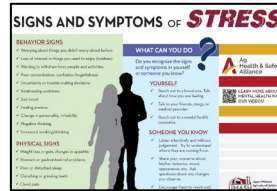
Hearing Noise-induced hearing loss is a major concern for people exposed to loud noises. Any noise that causes ringing in the ears is TOO LOUD! Wear hearing protection! Understand Noise Reduction Rating (NRR) and buy protection with highest rating. [Click here](#) or on icons to learn more.



Sun Safety and Heat Illness Farmers work outdoors and, by default, are at risk of developing skin cancer. Understanding the risk is important to motivate farmers to take simple precautionary actions. Heat illness can also impact people who work outdoors and during recreation and sports activities. Click below to view videos and see more resources from [GPCAH](#) and [SkinCancer.org](#)



Mental Health Stress, depression, and suicide are on the mind of agricultural communities, where economic, social, and environmental forces challenge the health and safety of farmers, agricultural workers, and their families. Watch this short video and [click here](#) to view more resources from our partners.



Eye Safety Eye safety includes the use of engineering controls and finding safety glasses with the right size and shape for your face. Check for the ANSI Z87.1 standard when purchasing safety glasses or goggles. [Check out this resource](#) from [eXtension](#) and this [e-Tool from OSHA](#) to get the right protection.



ATV Safety Agricultural workers all over the world rely on ATVs to complete tasks on the farm. Serious injuries can result from improper use of ATVs. **If you take proper safety precautions, you can reduce the risk of ATV-related injury or death.** [Click here](#) and on the icons for more information.



Livestock Handling: View SWAG Center [Right from the Start Safety Awareness for the Next Generation of Livestock Producers](#) resources and Check out UMASH [livestock handling resources](#).



[Click here](#) to view the entire Gear Up for Ag Health and Safety™ Prezi Program Online. This presentation will take you approximately 15- 20 minutes to click through the slides which include additional Ag Health and Safety topics and more information related to the topics shown above.

[Click here](#) to take a short POST TEST to give us feedback on our program.

Follow us on social media:



FACEBOOK @aghealthandsafety



INSTAGRAM @aghealthandsafetyalliance

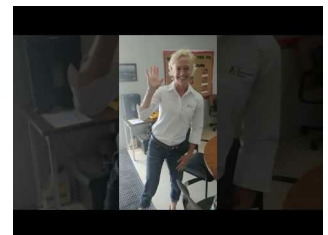


SNAP CHAT @GearUpforAG



TWITTER: @ahsa_aghealth

To end our online **Gear Up for Ag™** program we would like to share a video from last time we were in Texas, a blooper, Sully "Cracking the Whip" on Ag Health and Safety" and Jenna saying Hello from Iowa.



AND ONE more video from Carolyn Sheridan

Thank you for joining our first online Gear Up for Ag program. Reach out to us by email to find out how to receive PPE in the mail donated from our [sponsor 3M](#).

Contact us for more information: info@aghealthandsafety.com

Resources

[Click](#) to see our online partner resources

[Click](#) to see Southwest Ag Center's Agricultural Resources

