

Ag Safety S.T.A.T. January 2015

AG SAFETY S.T.A.T. -SAFE TACTICS FOR AG TODAY

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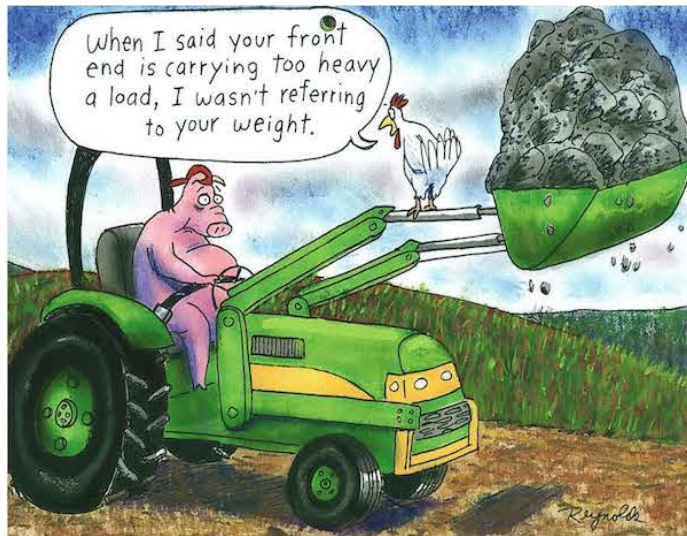
THOUGHTS FROM THE EDITOR –

Dee Jepsen – State Agricultural Safety and Health Leader

It's 2015, and a great year to be involved in agricultural safety! There are new safety initiatives taking place on the national level. Our state program staff will be sharing new resources with you all year long as these new projects become available. This newsletter has several highlighted. Please keep our office in mind as you need new ideas for incorporating safety demonstrations and/or presentations into your 2015 Plans of Work. This monthly newsletter may give you ideas to use and share with your community clients.

Also new for 2015 is the "Monthly Safety Snicker." This headline replaces previous year's newsletter sections that contained safety slogans and quick facts. Each month a new snicker will be a cartoon or graphic. They are there to enjoy, and remind us to be safe while working in agriculture.

MONTHLY SAFETY SNICKER



ANNOUNCEMENTS – Keeping the Next Generation Safe

As we begin a new year, we are welcoming a new approach for teaching youth agricultural safety and health education. The OSUE Ag Safety and Health group has many resources available for your use during educational programming for youth and their parents. These resources can be adapted to current programming or be used to create a new programming opportunity in your community. A few examples of where these resources can be included are safety days, health fairs, county fairs, school programs, farmer breakfast events, Farm Bureau events, FFA events, etc.

Youth Ag. Safety and Health Resources

Safety Focused Lesson Plans:

- Whoa (Livestock Safety)
- Ouch (Action/Reaction Time)
- Oops (Tractor Safety)
- Yuk (Pretty Poisons)
- Grain Entrapment
- ATV Resources include: ATV Action, ATV Gear Scramble, and Riding Under the Influence

Safety Curriculum Packages:

- Farm S.O.S (Strategies of Safety)
- OSHA for the Classroom
- Farm Safety Lesson Plans for Amish children
- Hearing Protection
- Tractor Certification (see other article in this newsletter)

When using these resources, we ask that a short evaluation be completed to provide us with information about the audience. This information is helpful in measuring impact and for enhancing future resources. To request any of the information above, please contact Kathy Mann, mann.167@osu.edu or 614-292-0622.

ANNOUNCEMENTS - Safety in Agriculture for Youth (SAY) Project Activities National Youth Farm & Ranch Safety Symposium

The National Youth Farm and Ranch Safety Symposium was held October 27-28, 2014 in Louisville, Ky. Professionals from many organizations came to together to discuss the topic: Protecting youth while working on the farm. This 1.5 day event incorporated national speakers from multiple organizations. Organizations included: Department of Labor, National Institute for Occupational Safety and Health (NIOSH), National Children's Center, National Council for Agricultural Education, American Farm Bureau Federation, National Council of Agricultural Employers, American Association for Agricultural Education, Farm Safety For Just Kids, and Progressive Agriculture Foundation.

The primary goal of the symposium was to develop a national strategy to enhance awareness of, access to and utilization of farm and ranch safety materials by youth and adults who instruct and/ or work with youth.

During the Symposium, a new resource was announced for youth safety and health educational materials. This national clearinghouse was designed specifically for the SAY Project. The [SAY website](#) has much more information about these resources as well as an opportunity for educators to add their own resources. A particular interest of the SAY project team is to gather curricular and other supporting resources that meet the Department of Education’s AFNR standards. There is a link to [submit your curriculum or other supporting resources](#). Teaching young workers about safety is the primary goal. Students, parents, and educators are welcome to check out this national initiative and start using the resources as they are developed and added to the clearinghouse.

MACHINERY MAINTENANCE – Tractor and Machinery Safety Resources
Dewey Mann - Research Associate for Agricultural Safety and Health

Ohio is one of the leading states for offering formal tractor and machinery certification to youth. Thanks to the dedication of OSU Extension educators, AgriScience instructors, and their volunteers, over the past five years an average of 543 youth/year successfully completed a tractor and machinery certification program in Ohio (2010-2014).

The U.S. Department of Labor (DOL) prohibits all youth under 16 years of age from completing ‘hazardous’ agricultural tasks **UNLESS** the youth:

- (1) Is working for their parent or legal guardian, or
- (2) Has successfully completed a tractor and machinery certification program.

Some of these ‘hazardous’ task, as defined by the Secretary of Labor include:

- Operating a tractor over 20 PTO HP,
- Operating or assist to operate machinery (self-propelled or attached to the tractor),
- Operating earth-moving equipment,
- Working around breeding livestock,
- Working with lumber larger than 6-inches butt diameter,
- Working at heights greater than 20-feet.

The tractor and machinery certification classes allow youth to legally complete certain agricultural tasks, along with providing valuable life-lessons, and helping to instill safe work practices. Here is a list of current resources available to instructors, parents, employers, and youth:

Name of Resource	Brief Description	Intended Audience	Link to Resource
NSTMOP ¹	Task sheets are the main curriculum for the NSTMOP and are divided into six modules.	Instructors and Youth	Modules and Task Sheets http://www.extension.org/pages/67882/nstmop:-student-information#.VJSRzEA1AA
	Description of the law, requirements of the program, testing procedures, etc.	All	Intro to Student Manual (p.1-5) http://www.extension.org/sites/default/files/NSTMOP%20Student%20Manual%20Front%202013-2.pdf
	Suggested driving course, scoring forms, curriculum content	Instructors	Intro to Student Manual (p.6-14) http://www.extension.org/sites/default/files/NSTMOP%20Student%20Manual%20Front%202013-2.pdf

			MOP%20Student%20Manual%20Front%202013-2.pdf
Gearing Up ²	High visual powerpoints, a glossary containing hundreds of technical terms, and all of the necessary evaluation tools.	Instructors	Gearing Up – Instructor CD http://www.finneyco.com/safetycd_leaders_guide.htm
	This is designed to be highly interactive and attractive to today's youth. Each unit contains learning activities and review questions.	Youth	Gearing Up – Student Website http://www.gearingup.info
	The purpose of this website is to increase awareness of safety and legal issues related to employment of youth in agriculture.	All	Gearing Up Website http://www.ydae.purdue.edu/tractor/default.htm
	Complying with the law	All	Regulations Handout https://www.ydae.purdue.edu/tractor/HOSTA_poster.pdf
AgSafety4u	Online course that provides an overview of identification and hazard control in agriculture. The end of unit test can be used as the written exam for tractor and machinery certification (Cost: \$50)	Instructors	AgSafety4u – Online Course http://campus.extension.org/enrol/index.php?id=664
	Frequently Asked Questions (FAQ)	All	NSTMOP FAQ http://www.extension.org/pages/67880/nstmop-faqs#.VJg9uUA1BxU Gearing Up FAQ https://www.ydae.purdue.edu/tractor/faq/FAQ_list.cfm

¹National Safe Tractor and Machinery Operation Program – A series of colorful task sheets

²Gearing Up for Safety

For questions about the tractor and machinery certification program, please contact Dewey Mann, research associate for agricultural safety and health, and lecturer for agricultural systems management, at (614) 292-1952 or mann.309@osu.edu.

INJURY PREVENTION – Universal Design and Assistive Technology **Andy Bauer – Ohio AgrAbility Educational Program Coordinator**

Universal Design concepts help thousands of people everyday. Universal Design is the design of products or environments that are not only designed for people with disabilities, but for all people to make life easier. Most people have Universal design concepts in their homes but don't realize it: lever style handles on doors and faucets, flat rocker style light switches, all of which make opening doors, turning on water and lighting a room easier. Can you think of other items in your home that are available to anyone that can make life or your chores easier? Several of these concepts can be applied to your farm shop and buildings to make work outside easier for you not only in cold weather, but also throughout the year. When carrying heavy or awkward loads in your arms it is easier to turn on lights with the bump of an elbow on a rocker switch than a toggle switch and think about changing some of those hard to open sliding doors to overhead doors to make it easier to get equipment in and out in bad weather.

Assistive Technology includes any kind of device, modification, or service that will help a person with a disability work and live more independently. It may be low tech or high tech, expensive or inexpensive, but ultimately it makes it possible for someone to complete a job that might otherwise be difficult. While assistive technology can make farming possible for individuals with limitations, it can also make life easier for everyone. When working in the shop this winter, think about the changes or modifications that you could do to your equipment to make your jobs easier to do or reduce stress on your body. Maybe it is extending the steps to get on or off equipment easier, saving stress on your joints. Your legs and knees need more help than just extending the steps, then consider a lift mounted on the equipment or independent of the equipment to make your access easier and extend the length of time you can continue to do your job. Change out that worn out seat on the tractor to reduce stress on your back, consider an air ride seat, or maybe a seat that will swivel to make it easier to see behind you. Another consideration of assistive technology would be the addition of mirrors or video cameras to see equipment behind you and save stress on the back.

These are just a few of the Assistive Technology ideas that are designed to help the farmer with disabilities to be able to continue farming, they will also help the farmer without limitations continue farming, with reduced stress on their bodies, and extend their ability to work.

For more information on the Ohio AgrAbility Program contact us at; agrability.osu.edu or Andy Bauer at bauer.528@osu.edu or (614) 247-7681.

EMERGENCY MANAGEMENT – Time to Check Your First Aid Kits. Kent McGuire – OSU CFAES Safety and Health Coordinator

The beginning of the year is a great time to check your first aid kits. A well-stocked first-aid kit can help you respond effectively to common injuries and emergencies. However, over the course of time items get used, while not being restocked or items become expired and outdated. When in a time of need, the worst thing that can happen is to open the first aid kit and there is nothing left to use. Basic items in a first aid kit should include:

- Adhesive bandages (assorted sizes)
- Absorbent compress dressings (at least 5 x 9 inches)
- Sterile gauze pads (at least 3 x 3 inches)
- Adhesive cloth tape (at least 1 inch wide)
- Roller bandages (at least 2 inches wide)
- Triangular bandages
- Instant cold compress
- Antibiotic ointment
- Antiseptic wipes
- Non-latex gloves
- Scissors
- Tweezers
- First aid instruction booklet

Many store bought first aid kits will have additional items such as aspirin, sterile eyewash, an emergency blanket, hand sanitizer, and small splints. If any of the items have an expiration date, make sure the items have not expired. One item that should be added to the first aid kit is a specific list of contact numbers, emergency phone numbers, poison control center information, and even chemical spill contact information. An updated list can easily be taped to the inside of the lid of the first aid kit so it can be referred to during an emergency.

Keep first aid kits in easy-to-retrieve locations based on the home or workplace environment, the number of people that may use the kit, and type of activity being conducted. Keep at least one first-aid kit in the home or workplace, and consider keeping one in vehicles or equipment that are used on a regular basis.

For more information about agricultural safety visit <http://www.agsafety.osu.edu> or contact Kent McGuire, OSU Ag Safety & Health, at mcguire.225@osu.edu or 614-292-0588.

Ag Safety S.T.A.T. – Safe Tactics for Ag Today is an e-mail newsletter prepared by Dee Jepsen, Extension Agricultural Safety Specialist and team members from the State Safety Office, in the Department of Food, Agricultural and Biological Engineering at OSU. The primary goal of this monthly newsletter is to help you stay connected to everyday safety news and activities that maybe used in your own newsletters or programs. If you have safety-related questions or program ideas that you would like to share, please contact Dr. Jepsen at jepsen.4@osu.edu.
