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*This is an interactive annual report. To access resources and webinars listed simply click the text or images.*
Who We Are
The AgriSafe™ Network, a non-profit national membership organization, represents health professionals and educators who are concerned about the health and safety of farm families. Many agricultural injuries, diseases, and fatalities can be prevented through the delivery of agricultural occupational health services.

Farmers Who Feed Our Nation experience an increased incidence of:
• respiratory diseases
• zoonotic infections
• skin cancer
• musculoskeletal disorders
• hearing loss
• depression
• disabling injuries
• occupational fatalities

Our Core Values
We believe that providing occupational health services to farmers will improve the quality of their lives and those of future generations.

Our Core Strength
Our core strength is based upon the professional standards required to deliver AgriSafe services. Only health professionals who have received extensive training in the field of agricultural health and safety earn the right to be named “AgriSafe Providers”. This is where our commitment to uphold the quality of AgriSafe services will never waiver.

Our Dedication
The AgriSafe Network is dedicated to supporting AgriSafe health professionals who are prepared to serve the health care needs of farmers.

Member Benefits Include:
Continuing education via workshop and webinars
• Educational resources
• Technical assistance
• Marketing benefits
• Network opportunities with other clinicians and experts in the field
• Updates on the most cutting-edge developments in agricultural health and safety
Chairperson’s Message

As Chair of AgriSafe during the last three years I learned that it takes a team approach to make a real world impact. AgriSafe had performance goals in 2012 because teams of committed professionals built the capacity to serve. It should be no surprise then that our theme for this year is Building Capacity. We did this through building upon existing partnerships and facilitating new collaboration. Our most significant partnership can be seen on page 14 where we collaborated with CS-CASH and responded to the rapidly emerging issue of aflatoxin exposure. Together, we developed media materials (radio psas, print and social media) to raise awareness on the issue. Please help us disseminate this information to your colleagues and most importantly to the people who “Feed America”.

Sincerely,
Denise Andress, RN, BSN
Chairperson
Western Area Health Education Center
Hettinger, ND
“2012 underscores the depth and breathe of AgriSafe Network’s extensive reach to farmers, clinicians and other partners. Through its commitment to protecting those who help feed us, AgriSafe provided services and resources to over 40,000 constituents across the country.”

- Amy Liebman
AgriSafe Builds National Impact

State Affiliates

Illinois
Robert (Chip) Petrea, PhD
Agricultural Safety & Health Network, Urbana & Champaign

Iowa
Kelley Donham, MS, DVM
Iowa’s Center for Agricultural Safety & Health
University of Iowa College of Public Health, Iowa City

Louisiana
Ann Carruth, DNS, RN
Southeastern LA University, Hammond

Nebraska
Risto Rautiainen, PhD
Central States Center for Agricultural Safety and Health (CS-CASH)
University of Nebraska Medical Center, College of Public Health, Omaha

North Carolina
Robin Tutor, MPH, OTR/L
NC Agromedicine Institute, Greenville

North Dakota
Denise Andress, RN, BSN
Southwest Area Health Education Center, Hettinger

Vermont
Jean McCandless, MSW
To find organizational, provider, and individual members in your region, click here.
Invest in Your Health: Ag College Prevention Program

AgriSafe provides customized educational and preventive screening services for students at two year or four year agricultural college programs.

Educate

- Agricultural Hazards
- Ergonomics
- General Health and Wellness
- Hearing Loss
- Injury and Illness Prevention
- Respiratory Hazards
- Pesticides and Human Health
- Skin Cancer

Prevent

- BMI
- Blood Pressure Screening
- AgriSafe Health Risk Assessment
- Respirator Fit Test
- Optional Add-On Services:
  - Basic Lung Function Screening and Review of Results
  - Dermascan to Screen for Sun Damage
  - Hearing Screening

Protect

- AgriSafe Head to Toe Personal Protective Equipment Packet
  - (Chemical Gloves, Ear Plugs, Goggles, and Respirators)
  - Direction on Use and Care of Personal Protective Equipment

Sustain

- AgriSafe Membership
- Educational Materials
- Follow Up Behavior Survey
- Web-Based Health Tools
- Web-Based Trainings

“Both my mom and dad have high blood pressure, sometimes I worry about that.”

“As a new generation of farmers, you have access to great information and technology. You can choose what you want to do with it. I’m here to help you make smart choices.”
Carolyn Sheridan
Clinical Director

“I’ve had a cough, and just don’t feel good after helping clean a bin out a couple times, is this what I should use?”
Our goal is to empower students to recognize agricultural health and safety risks, and become their own health advocates.

Program Expansion at Iowa State

Over 50 students served in pilot expansion initiative sponsored by CHS Foundation. Carolyn Sheridan capitalizes on fifteen years of experience to launch pilot in 2012.

Students Share How Experience Will Make an Impact

- It will help protect me from hazards in my everyday life
- I will make smarter decisions about PPE on the farm
- I plan to bring knowledge back to my family farm
- I will apply it to keeping farmers and crop workers safe
- I will actually use the correct PPE and safety measures.
- I plan to help inform others about the dangers of agriculture and how to protect themselves
AgriSafe Network
The National Education Center for Agricultural Safety (NECAS)

joined forces in 2012 to offer a variety of training options and educational resources.

Grain Safety
Chemical Safety
Equipment Safety
Respirator Selection
Confined Space and Manure Entry
Occupational Health Risk Assessments
Prevention of Grain Storage Fires and Explosions
Prevention and Recognition of Pesticide Poisoning
Personal Protective Equipment Selection
Federal Health and Safety Standards
OSHA Agricultural Standards
Respiratory Health
Mental Health
Ergonomics

This material was produced under grant SH-SH22284SH1 from the Occupational Safety and Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U.S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government.
Agribusiness Training

OnSite Trainings Offered in 2012

Training Topics:
• Safe Practices for the Grain Handling Industry
• Grain Handling Rescue
• Personal Protective Equipment - Head to Toe Protection
• Respiratory Protection and Selection
• Ergonomics: Slips, Trips & Falls
• Respirator Issues in the Grain Handling Industry
• Safety Issues in Grain - Fires & Explosions
• Safety & Health Issues for Christmas Tree Growers

Training Locations:
• Oklahoma City, Oklahoma
• Emmetsburg, Iowa
• Iowa City, Iowa
• Peosta, Iowa
• Omaha, Nebraska
• Sacramento, California
• Chancellor, South Dakota
• Sparta, Wisconsin
• Bloomer, Wisconsin
• Eau Claire, Wisconsin
• Durand, Wisconsin

OSHA Webinars Offered in 2012

Respiratory Selection for Farm Families
AgriSafe - January 12

The Nuts & Bolts of Cholinesterase Monitoring for Farmers, Ranchers & Agricultural Workers
AgriSafe - March 28

PPE for Agricultural Workers
AgriSafe - May 31

Respirator Selection for Agricultural Producers
AgriSafe - June 5

Ergonomics: Slips, Trips & Falls
AgriSafe - June 19

Grain Safety
NECAS - July 5

Cholinesterase Monitoring
AgriSafe - July 10

Prevention of Grain Storage Fires and Explosions
NECAS - July 17

Personal Protection Equipment for Agricultural Producers
AgriSafe - July 31

Understanding OSHA’S Agricultural Exemption
AgriSafe - Sept. 25

Chemical Safety
NECAS - October 10

Confined Spaces of Grain Bin Entry
NECAS - November 9

Physical Assessment & Wellness Program
AgriSafe - December 12

Performance = Exceeding Our Goals
406 trained through distance-based webinars
374 trained through onsite trainings
68 hours of training provided

The goal is to help businesses maintain a healthy and productive workforce.

Click here to view our webinars.
Building Partnerships
AgriSafe Joins Forces with Rural Health Advocates

100,000 Rural Listeners Reached
AgriSafe, the National Organization of State Offices of Rural Health (NOSORH) and other state/national rural stakeholders celebrated the second annual National Rural Health Day on Thursday, November 15, 2012. NOSORH created National Rural Health Day as a way to showcase rural America and to increase awareness of rural health-related issues. On that day, Carolyn Sheridan reached 100,000 rural listeners as a guest speaker on AgriTalk. She joined Mike Adams live for his show and was able to advocate for better quality care for farm families.

AgriSafe Makes a Strong Showing at Farm Progress Show
AgriSafe was fortunate to exhibit at the 2012 Farm Progress Show Health and Safety Tent held in August. It was well organized and orchestrated by AgriSafe member, Kathy Leinenkugel, Coordinator Occupational Health & Safety Surveillance Program from the Iowa Department of Public Health. AgriSafe staff promoted respiratory health and distributed 480 particulate respirators that were graciously donated by 3M.

Voice for Ag Safety and Health
AgriSafe was proud to be a policy partner at the National Rural Health Association's (NRHA) 23rd annual Rural Health Policy Institute held in early 2012. AgriSafe was highlighted throughout the meeting as the voice for agricultural health and safety. AgriSafe Chair, Denise Andress, was honored to introduce Mary Wakefield, Health Resources Services Administration (HRSA) administrator, native of her state (North Dakota) who is a strong rural health champion. Her presentation was empowering and clearly justified why we need to fight for quality health care in rural America.
Monthly Webinars
Sponsored by National Rural Health Association

Planning Your Heat Stress Prevention Program, March 7
Joel H. Sherman
Grimmway Enterprises, Inc

Engaging Hired Farm Workers in Agricultural Health Research, April 18
Maria Stoecklin-Marios, PhD, MPH
University of California, Davis

Mental Health & Aging Farmers, May 9
Deborah B. Reed, PhD, MSPH, RN
University of Kentucky

Discovering & Implementing Opportunities for Expansion, August 8
Robin Tutor-Marcom, MPH, OTR/L
NC Agromedicine Institute, AgriSafe of North Carolina

Keeping Farm Kids Safe & Healthy, September 19
Shari Burgus, Education Specialist
Farm Safety for Just Kids

Using Social Marketing to Address Barriers and Motivators to Agricultural Safety and Health Best Practices, October 17
Aaron Yoder, PhD
Penn State University

Ergonomics Issues in Dairy Production, November 14
John Rosecrance, PhD, PT, CPE
Colorado State University

Protecting the People who Feed America, November 16
Carolyn Sheridan, RN, BSN, AgriSafe Clinical Director
Natalie Roy, M.P.H. AgriSafe Executive Director

FReSH: The New Frontier for Ag Safety and Health Resources, December 5
Aaron Yoder, PhD
Penn State University

Partnering with Universities
Agricultural Occupational Health Trainings
Instructed by Carolyn Sheridan, RN, BSN, AgriSafe Clinical Director

Occupational and Environmental Health Rural Health Professionals, The Core Course
East Carolina University
Greenville, North Carolina – April

Occupational and Environmental Health Rural Health Professionals, The Core Course
University of Iowa
Iowa City, Iowa – June

Agricultural Medicine: Occupational and Environmental Health Rural Health Professionals
University of Nebraska Medical Center
Omaha, Nebraska - July

Agricultural Medicine: The Core Course – Occupational and Environmental Health for Rural Health Professionals
Marshfield Clinic
Marshfield, Wisconsin – October
Educational videos aimed at increasing use of Respiratory personal protective equipment featured AgriSafe Clinical Director, Carolyn Sheridan. CS-CASH recognized that Carolyn’s ability to connect with Ag producers (as also a farmer herself) and her training as an AgriSafe nurse are features that will complement the centers outreach campaigns. Three video segments were produced in 2012 and distributed throughout the mid-west region.

Emerging Issues Require Immediate Response
Drought conditions in the midwest caused confusion and concern among Ag producers regarding aflatoxin and endotoxin exposures. AgriSafe joined other partners to create an educational media campaigned aimed at providing accurate and timely information to reduce risk of exposure.

AgriSafe continued collaboration with Successful Farming Magazine in 2012. Carolyn Sheridan assisted editing articles and AgriSafe was featured in many of these articles.

Visual media has gained popularity and AgriSafe is fortunate to collaborate with impressive media partners. AgriSafe built a partnership based on the principle that by working together, more ranchers and farmers can be served.
Reducing Pesticide Exposure

Is it Possible to Change Behavior Among Teens?
Changing health behavior among young teens is challenging and utilizing proper PPE is no exception. AgriSafe presented research findings that indicate youth do not consistently wear PPE. Innovative models to impact this hard to reach population must include use of social media.

New Cholinesterase Resources
AgriSafe joined forces to develop clinical resources with the National Farm Medicine Center and the Migrant Clinicians Network to aid in cholinesterase monitoring. These resources include:
- Clinical Algorithm
- Protocol
- Cholinesterase Monitoring Webinar

These resources were developed with the idea that rural health professionals must have access to clear standards and recommendations when monitoring insecticide handlers.

Navigating the Pesticide PPE Maze
In her presentation at the Stakeholders Meeting; “Personal Protective Technology (PPT) Selection Use and Expectations Presentation” AgriSafe’s Clinical Director, Carolyn Sheridan trained health and safety experts on fit testing techniques. She provided tips on working with farmers and ranchers who are not accustomed to wearing PPE on consistent basis.

Cholinesterase Testing Protocols for Healthcare Providers

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<th>Description</th>
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<td>Pre-Treatment</td>
<td>Washing hands before and after handling chemicals.</td>
</tr>
<tr>
<td>Post-Treatment</td>
<td>Using soap and water or an alcohol-based hand sanitizer.</td>
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Post-Treatment Exposure

- Personal protective equipment should be removed and washed as soon as possible.
- Proper PPE donning instructions should be followed.

Medical Removal

- Consult with a healthcare provider to determine if removal from the pesticide area is necessary.

Leak to Return to Handling

- Ensure proper ventilation and remove any unnecessary clutter.

Rescue for Respiratory

- Use a self-contained breathing apparatus or a properly used respiratory protection.

Review of Handling Protocol

- Evaluate all steps and recommendations to ensure effective practices.

Cholinesterase Testing Protocol Algorithm

1. Wash hands before and after handling chemicals.
2. Use soap and water or an alcohol-based hand sanitizer.
3. Consult with a healthcare provider to determine if removal from the pesticide area is necessary.
4. Ensure proper ventilation and remove any unnecessary clutter.
5. Use a self-contained breathing apparatus or a properly used respiratory protection.
6. Evaluate all steps and recommendations to ensure effective practices.
Program Staff

Executive Director’s Message
Solid roots, an amazing internal structure and flexible branches are why the 300 year old historic oaks that surround my property are still standing. Hurricanes have destroyed homes but these amazing trees are thriving. Likewise, AgriSafe spent 2012 establishing the capacity, integrity and fortitude to grow in an uncertain non-profit economy. The Susan Harwood Training grant provided the funding to expand AgriSafe’s services-it was and continues to be a large branch of our mission. Other branches include marketing our cause (do others understand why we exist?) and expanding our expertise (happy to recruit Charlotte Halverson out of retirement).

In almost every annual report, I have asked the same question. If you believe that farmers, farm workers and ranchers need access better health care from trained professionals, then join our organization. Our roots started with our members and our growth depends on it.
Let’s branch together,

Natalie Roy, M.P.H.
Executive Director

Carolyn is instrumental in collaborating with partners in the development of critical clinical resources such as the newly developed Cholinesterase Protocol and Algorithm and the Aflatoxin and Endotoxin Grain Dust resource. Webinars focusing on Agricultural Health and Safety Topics for workers and health professionals is a key focus area resulting in several webinar presentations with accompanying resources. Ongoing work with the Building Capacity Project offers opportunities to teach sections of the Agromedicine courses in North Dakota, Iowa, Illinois, Wisconsin, Vermont, Nebraska, and North Carolina.

Charlotte Halverson, BSN, COHN-S
Occupational Health Nurse

Charlotte officially joined the AgriSafe team in the spring of 2012. Certified by the American Board of Occupational Health Nursing, Charlotte works with the AgriSafe staff to develop educational programs and materials, including webinars, directed toward small agricultural businesses and rural health care providers. Engaged in the national rural and agricultural health care scene since 1986, she has a nursing background in critical care, community health, and several years managing a hospital based parish health ministry program serving urban and rural communities.

Stacey Jenkins
Distance Education Coordinator

Stacey joined the AgriSafe Network staff in 2008. She has coordinated AgriSafe’s monthly agricultural safety and health webinar series since that time, bringing together expertise and audiences from across the country. The webinar series continues to draw clinicians, educators, and researchers into conversation about issues impacting the health and safety of the farming community.

LaVonne Van Voorst
Membership Coordinator
Administrative Assistant

LaVonne provides logistical support to members and facilitates the communication between members, staff and board of directors. In 2012 she was responsible for expanding the dissemination of AgriSafe webinars to diverse professionals throughout the country. This work resulted in a significant increase in webinar attendance. As membership coordinator she assures that resources designed for members are easily accessible through AgriSafe’s new website (which was launched in 2012).
Financials

Total Expenses = $301,084

Operating Expenses 25% $76,389
Program Services 75% $124,695

Total Program Services $224,695

Total Operating Expenses $76,389

Support and Revenue
Grant Income .................................................................................................................. $298,253
Membership Dues & Contributions ................................................................................. 12,505
Training Income ............................................................................................................. 6,422
Sales of Safety Products ................................................................................................. 1,288
Miscellaneous Income ..................................................................................................... 608
Interest Income .............................................................................................................. 28

Total Support and Revenue .................................................................................. $319,104

Total Expenses ............................................................................................................. $301,084

Change in Net Assets ...................................................................................................... 18,020
Net Assets at Beginning of Year ..................................................................................... 7,367
Net Assets at End of Year .............................................................................................. 25,387

AgriSafe Operates as a Lean and Efficient Non-Profit
Total FTE for 2012 equaled only 3 FTE. All but one staff are part-time. Several staff operate behind the scenes from design work to IT consultation. Countless volunteer hours from members and board of directors made it possible to serve in 2012.
Sponsors and Program Partners

As a non-profit organization the AgriSafe Network is strengthened by the generosity of sponsors and program partners. The following sponsors and partners are committed to improving the safety and health of agricultural communities.

www.agrisafe.org
Follow us on Facebook at www.facebook.com/agrisafe.network

866-312-3002
info@agrisafe.org

P.O. Box 1338
Spencer, Iowa, 51301

The AgriSafe Network is a nonprofit 501(c)3 therefore, all donations are tax exempt.
If you are interested in supporting the Network, please contact us at 866-312-3002 or E-Mail us at info@agrisafe.org