



Goals and Objectives of the Minnesota Horse Council

- ♦ Promote and/or support equine educational activities
- ♦ Improve communication in all horse related activities with the general public
- ♦ Gather information of value to equine related activities
- ♦ Distribute gathered information as appropriate
- ♦ Provide expertise, consult and advise
- ♦ Establish, develop and enhance equine trails and other infrastructure and encourage their prudent use

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Message from the Expo President

After 5 or 6 years of snow, sleet, wind, and rain, the good Lord decided that the Minnesota Horse Expo should have a good weekend. Of course we got 7 or 8 inches of snow over the proceeding weekend but with the great help from the Minnesota State Fair crew and the high sun, the 2013 Minnesota Horse Expo got off to a great start and a wonderful three-day Expo. The Horse Barn was full with over 300 horses from over 52 different breeds and all of the inside vendor booths



were sold. A great selection of clinicians and demonstrations were the usual for the Expo. Most of the rooms were well attended to hear the clinicians and demonstrations. New this year was the Cavallo Equestrian Arts show *Ma'Ceo* in the tent south of the Dairy Building. All shows were mostly sold out and we had to add a third show on Saturday--a great addition for the 2013 Expo.

I want to say thank you to all who attended the Minnesota Horse Expo 2013--the crew of the Minnesota State Fair, clinicians, demonstrators, vendors, horse stall renters, the general public and last but not least, the Directors and Staff of the Minnesota Horse Expo who worked throughout the year to put the Expo together.

THANKS TO ALL. SEE YOU AGAIN APRIL 25, 26, AND 27, 2014!

Glen G. Eaton
President, Minnesota Horse Expo



**APRIL
25 • 26 • 27**

Horse People Helping Horses

by Dawn Moore

More than likely, we all know someone that has been hit by a disaster or fallen on hard times. Over the past several years there have been several barn fires where large horse operations have lost close to everything--not just in Minnesota, but nationwide. With the economy still trying to rebound, horse owners are hit just as hard as anyone. Coming out of a year where the hay crop was not what we were used to having just seems to make matters worse. The forecast for 2013 hay crop is not looking much better, either. The Minnesota Horse Council along with some local horse owners in the western metro were thinking ahead. Back in February 2009, the first funds were made available to the Minnesota Horse Council to create a program which would be there to help out the unwanted horses in the state of Minnesota. Thus, TEEFA was created. Prior to that, the MHC has had the Disaster Committee which is there to work with local officials in times of natural disasters, but they were limited by their procedures as to which situations they could get involved and are not allowed to be involved unless there is a disaster.

Since 2009, the need for assistance has continued to grow. We all read and hear about how horses are being mistreated, abandoned or sometimes just plain forgotten. In addition, Canterbury Downs has a program in place to help the "guys behind the scenes" at the track. The Minnesota Racing Horse Quality of Life Foundation was created back in 1989. In 1994 the Minnesota Hooved Animal Rescue program rescued their first horse. Today, with a computer and a little bit of networking skills, one can find several organizations on the internet which are available to help the horse owner who has fallen on hard times. Each program has its own requirements and application process. Some programs are breed specific and/or member specific, while others may be open to anyone. The May issue of the MHC newsletter included several articles on some of the organizations that are available to help horses, horse owners or others involved with the horse industry. The list and accompanying

articles are by no means a complete list, nor are these programs recommended by the Minnesota Horse Council, but merely a small representation of what is available. The Minnesota Horse Council encourages you to do your own research and make sure you understand the criteria required for each of the programs, do further research, and broaden your own awareness before you apply for assistance. If you have a specific need and are not sure where to turn, feel free to email the Minnesota Horse Council (mn.horsecouncil@comcast.net) and we will try our best to steer you in the right direction.

Next time you hear that a neighbor has lost their job, or is struggling due to a health issue, reach out and tell them about the programs available and don't be afraid to contact one of us on the MHC Board for anonymous assistance.

TEEFA Temporary Emergency Equine Feed Aid

www.MNHorseCouncil.org/

Minnesota Haybank

<http://minnesotahorsewelfare.org/hay-bank/>

Arabian Horsemen's Distress Fund

www.horsemensdistressfund.com

UPHA Benevolent Fund

www.uphaonline.com/benevolentfund.html

MN Hooved Animal Rescue Foundation

www.mnhoovedanimalrescue.org/

Sundown Horse Shelter

www.sundownhorseshelter.org

Minnesota Horse Racing Quality of Life Foundation

12920 Pioneer Trail, Minnetonka MN 55343

Horse Trailer Regulations

The Minnesota Horse Council, in response to several requests for information about trailering regulations, has met with representatives of the MN State Patrol and has prepared some information pertinent to the subject.

Most importantly, if trailering your horses can be considered "furtherance" of a commercial activity, then you are required to follow commercial vehicle regulations.

It is clear that trucks and horse trailers used by professionals in the horse business are considered commercial vehicles and need to meet certain requirements. Even horse hobbyists may sometimes be considered commercial.

Our attorney, Allison Eklund, has put together a .pdf file that includes the pertinent information from the MN Department of Transportation: www.mnhorsecouncil.org/docs/mndot-horse-trailer-regs.pdf



The University of Minnesota has presented a webinar on the subject:

Is Your Truck and Trailer a Commercial Vehicle?

Presenter:

Sgt. Jay Sletten, Commercial Vehicle Inspection Unit

Original Air Date: Tuesday, January 26, 2011

Length: 61 minutes

To view this webinar: <https://umconnect.umn.edu/p59973754/>

If you review the materials in the .pdf file and then watch the webinar, you will be well informed on current laws regarding horse trailering.

Horses In Need After Oklahoma Tornado Devastation

By Bernadette Palmeri

Horse owners around the United States are offering support and care for the equine victims of the EF5 tornado, which devastated areas of Oklahoma May 20, though several farms lost animals during the storm.

The Orr Family Farm (Oklahoma City, Okla.) suffered a large amount of damage from the tornado. Owners Dr. Glenn Orr and Tom Orr are still unsure on the exact amount of horses lost, but they estimate the number is near 80. The historical farm, dedicated to agricultural education and family entertainment for the greater Oklahoma City area, reported on their facebook page that four of their ponies survived the storm and are doing well.



The Orr family has set up a hotline where people can leave information about any help they would like to provide, 405.283.2258. They also have a PayPal account for donations.

The 106-acre farm is also home to Celestial Acres, a training facility that lost four barns, an 85' x 200' indoor arena, horse walkers, turnouts and paddocks. The Orr family confirmed that 34 of the horses at Celestial Acres survived the tornado and are in excellent condition.

Lando Hite, an exercise rider for trainer Mark Lee, who's based at Celestial Acres in Moore, told CNN that he attempted to free some of the farm's horses in the short amount of time he had before the tornado hit. Hite was forced to seek shelter in one of the farm's stalls, which later collapsed.

A number of other trainers, including Sky and Randall Weidner of Plain as Bay Eventing, rent space at Celestial Acres. The Weidners lost all 12 of their Thoroughbreds and Quarter Horses during the tornado, along with their farm equipment. Randall, president of the Minnesota Quarter Horse Racing Association, was preparing to move horses to Canterbury Park (Minn.) in preparation for an upcoming race. The Randall Weidner Catastrophe Trust has been set up through Wells Fargo or donations can be made via PayPal at rwquarters@yahoo.com.

"I want to thank you all for your prayers and offers to help," wrote Sky on the Plain as Bay facebook page. "At this point I am still in shock and just can't believe it happened. Randy and I were very lucky we got out in time. We literally had left the farm, and no more than ten minutes later the tornado hit the barn. We are now just trying to cope the best we can. I am heartbroken. All the horses we lost were my 'children,' each unique and very special."

Many local organizations are working to provide animal owners with relief. The Oklahoma City Animal Welfare Division is accepting donations for large and small animals online or in person at 2811 S.E. 29th St. OKC, OK 73129.

Other organizations outside of the immediate area are offering varied forms of support. The American Quarter Horse Association is collecting non-perishable food, toiletries, buckets, shovels and gloves at their headquarters in Amarillo, Texas. The American Morgan Horse Association is also accepting tax-deductible contributions at AMHECT, 4066 Shelburne Rd, Suite 6, Shelburne VT 05482-OK Relief Fund. Fleet of Angels is a transportation network for at-risk horses, and they currently have on-call members prepared to relocate animals. Likewise, the Women's Horse Industry Network is raising money for horse owners in the area who were affected by the tornado.

Individuals are also connecting through facebook in order to collect resources for those affected by the storm. To contribute, visit the following pages: Now or Never Horse Helpers, Oklahoma Disaster Equine Safe Havens and Red Earth Feed & Tack.

Reprinted with permission from The Chronicle of the Horse, www.chronofhorse.com.

Equine Pasture Management Program

The University of Minnesota is now accepting registrations for the fee-based Equine Pasture Management Program. A properly managed pasture reduces feed expenses, promotes overall horse health and reduces environmental concerns. The pasture management program aims to optimize the use of Minnesota and Wisconsin horse pastures and includes two farm visit from an University of Minnesota equine specialist; area soil map, soil analysis, and fertility recommendations; forage quality analysis and plant species identification; poisonous plant identification and weed control recommendations; manure management recommendations; an overall facilities assessment; and a customized pasture and grazing management plan. Registration is available online at



www.regonline.com/EquinePastureManag2013

Emergency Preparedness: Being Prepared During Times of Disaster Important Tips for Horse Owners

By AAEP



In the event of a disaster, your veterinarian knows how important it is for you as a horse owner to have pre-planned actions and proper information to make rapid decisions that may save your horse's and even your own life.

ASSESS YOUR RISKS

What are the most likely disasters in your area (flood, fire, tornado, hurricane, nuclear accident, disease threat, chemical spill, ice storm, etc.)? For each type of disaster, check:

- ♦ What are your major vulnerabilities?
- ♦ What can you do to minimize the damage?
- ♦ What plans do you have in place?
- ♦ Who do you need to contact?

BEFORE THE EVENT

- ♦ Take a careful look at your property and identify the best place for your animals in each type of disaster you consider.
- ♦ Prepare for the possibility you might want to evacuate (check with your local veterinarian, law enforcement, animal control, or Ag extension agent for routes and recommendations).
- ♦ Find several alternative locations and check the entry requirements for each. Be sure to have agreements arranged for your animals in advance.
- ♦ Prepare an ID packet for each horse: age, sex, breed, color, registrations, unique ID's, photos, microchip numbers, etc.
- ♦ Write down any special feeding instructions; list any medications with dosage; record the name and phone number of your prescribing veterinarian.
- ♦ Be sure all vaccinations and medical records are in writing and up-to-date. Have current Coggins test records and consult with your veterinarian for other recommended immunizations or tests.
- ♦ Take records with you. Records left at home may be damaged or destroyed during a disaster.
- ♦ Check for alternate water sources. Have fresh water and hay available for 48-72 hours.
- ♦ Keep trailers and vans well maintained and full of fuel.
- ♦ Keep insurance coverage current and adequate.
- ♦ Consider an event where you might be unable to save/evacuate all your animals. Make a priority list. Familiarize family and farm personnel with the list in case you are not there when the disaster occurs.

Prepare an emergency kit for a minimum of 72-hour care, which includes:

- ♦ Plastic trash barrel with lid
- ♦ Tarpaulins
- ♦ Water buckets
- ♦ First aid items (Betadine or Nolvasan solutions, antibiotic ointment, gauze squares and bandages, Ichthammol ointment (feet), tranquilizer injections (optional), eye ointment)
- ♦ Portable radio, flashlight and extra batteries
- ♦ Fire resistant, non-nylon leads and halters
- ♦ Knife, scissors, wire cutters
- ♦ Duct tape
- ♦ Livestock markers or paint
- ♦ Leg wraps
- ♦ Lime and bleach/disinfectant

DEVELOP A BUDDY SYSTEM

Talk with a neighbor or friend and make arrangements to check on each other after a disaster. Tell one another if you are evacuating and to where, so authorities will know. Buddies may agree to pool resources, such as generators, water tanks, trailers, etc. Permanently identify each horse by tattoo, microchip, brand, tag, photographs (front, rear, left and right side) and/or drawing. If disaster strikes before you can do this, paint or etch hooves, use neck or pastern bands, or paint your telephone number or last four digits of SSN on the side of the animal.

PRACTICE YOUR PLAN

When disaster strikes, remain calm and follow your plan! Remember it is vital to be able to leave early in any mandatory evacuation to avoid getting stalled in traffic and create unnecessary hardships.

AFTER AN EVENT

- ♦ Notify family, friends and officials that you are OK and whether you stayed or evacuated. Use phones, radios, Internet, signs or word of mouth.
- ♦ Inspect your premises carefully before turning out horses. Look for foreign materials (tin, glass, nails) and downed fences or power lines.
- ♦ Be careful leaving your animals unattended outside. Familiar scents and landmarks may be altered, and your horses could easily become confused and lost.
- ♦ Check with your veterinarian or State Veterinarian's office for information of any disease threats that may exist because of the situation.
- ♦ If you find other horses, use extreme caution in handling, and work in pairs if possible. Keep the horse contained and isolated, and notify authorities as soon as possible.
- ♦ If any horses are lost, contact local authorities.

BE PREPARED TO IDENTIFY AND DOCUMENT OWNERSHIP WHEN CLAIMING LOST HORSES.

AAEP Foundation Funds Efforts to Aid Horses Affected by Severe Weather

The Foundation offers support through its Equine Disaster Relief Fund

Relief organizations responding to equine emergencies in the aftermath of destructive storms, fires, floods or other natural disasters are eligible for funding from the American Association of Equine Practitioners (AAEP) Foundation.

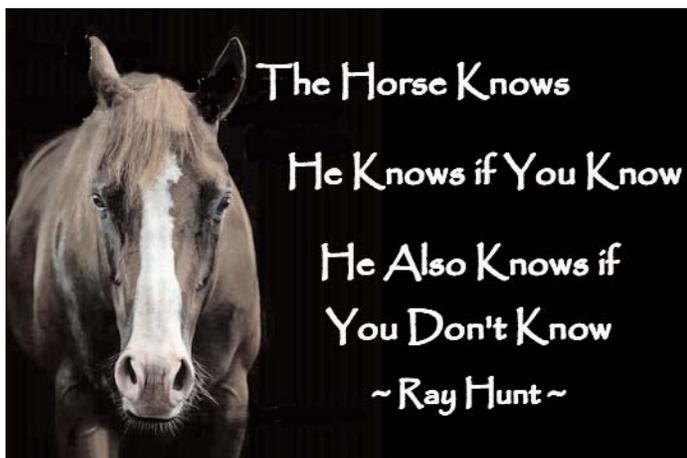


As part of its mission to improve the welfare of horses, the AAEP Foundation accepts year-round funding requests to assist organizations responding to disasters affecting the equine community, including those involved with developing and implementing equine disaster preparedness programs and efforts. Organizations working to help horses in areas devastated by severe weather or other natural disasters can apply for funding from the Foundation's Equine Disaster Relief Fund at http://www.aaep.org/foundation_funding_grants.htm.

After Hurricane Katrina hit the Gulf Coast in 2005, the AAEP Foundation created an Equine Disaster Relief Fund to aid horses in the event of a natural disaster. Since the fund was established, the AAEP Foundation has donated emergency funds to support the Mounted Division of the New Orleans Police Department, the Louisiana State Veterinary Medical Association's Equine Committee Foundation, the Mississippi State Veterinary Medical Association's Animal Disaster Relief Fund, hay and feed programs in the Gulf region, and support for emergency preparedness programs at the University of Florida and Texas A&M Colleges of Veterinary Medicine, among others.

In addition, the Foundation welcomes donations for its Equine Disaster Relief Fund to help accommodate the potential needs of equine and veterinary communities impacted by storms and natural disasters. To make a donation, visit the AAEP Foundation website at www.aaepfoundation.org.

The AAEP Foundation, a 501(c)(3) organization created in 1994, serves as the charitable arm of the American Association of Equine Practitioners to improve the welfare of the horse. Since its inception, the Foundation has allocated nearly \$2.5 million to support its mission.



National Coalition of Equine Organizations and Companies Launch TimeToRide.com

Joining a national initiative to increase awareness of and interest in horse-related activities, The American Horse Council announces the launch of a new Website and social media platform, TimeToRide.com.

With its design based on in-depth consumer research, the site targets moms who are challenged to not only find family-friendly activities but who are also interested in finding refreshed joy for themselves. The site is a collaborative effort of ten horse organizations coordinated through the American Horse Council in Washington, D.C.

“We know American families are strapped for time with the demands of work, school, and day-to-day survival,” said Jay Hickey, president of the American Horse Council. “We need to make it easier for families to discover the benefits of horse-related activities.”

The new site is organized into categories that include lessons and camps, trail riding, rodeos and fairs, and events and shows. It provides links to professional resources and will build a data base of providers through an interactive map to be launched in the near future.

“The horse is a mystery to Americans living in the hustle and bustle of urban and suburban settings,” notes Hickey. “We’re hoping to show that a horse experience is accessible and certainly worth investigation.” The site will deliver general information about horses and different activities, and then make a connection to local and regional opportunities.

To generate participation and enthusiasm, the TimeToRide.com platform includes a rewards system that encourages visitors to join, visit horse-related sites, and share experiences. The rewards include merchandise delivered based points accumulated by visiting equine pages on Facebook or following various Twitter accounts. It will also offer a regular rotation of sweepstakes. The first two sweepstake offers include two tickets to the Preakness Stakes and Belmont horse races.

TimeToRide.com is the first website and social media platform generated through a coalition of horse organizations: the American Association of Equine Practitioners, the American Horse Council, the American Quarter Horse Association, Dover Saddlery, Farnam, Merck, Merial, Purina Animal Nutrition LLC, National Thoroughbred Racing Association, the United States Equestrian Federation and Zoetis.

Grant Scholen Retires ♦ DNR State Trail Program Coordinator

By Irv Parker for the MN Trail Riders Association & Darrell Mead for the MN Horse Council

After the Horse Trail Pass legislation was enacted and put in place by the 2007 Minnesota Legislature, the administration of the program was assigned jointly to the DNR Parks and Trails Division and to a citizen's advisory group, now known as the EAG (Equestrian Advisory Group). Together, this 'committee' would determine how and where the annual revenues from the Horse Trail Pass would be allocated within the DNR administered public lands.

The DNR handed their portion of the task to Grant Scholen of the Division of Parks and Trails, and named him as State Trail Program Coordinator. Grant appealed to the Equine community in general and to the Minnesota Horse Council and the Minnesota Trail Riders Association specifically to identify qualified Advisory Committee members. The citizens group today consists of Barb Scottston, Darrell Mead, Irv Parker, Joe Sammon, Lois Payne, Mark Widner, Marvin Breikreutz, Russ Wright, and Terry Leary. All are recognized trail riders and/or trail supporters. All happen to be members of the MTRA, and most or all belong to the Minnesota Horse Council.

In addition to himself and the citizens committee, Grant invited internal guests and participants from the DNR either as information sources or as equine affiliated interested individuals. Some, but by no means all, have been Kim Lockwood, Aaron Wunrow, Richard Peterson, and Ron Potter. They have all had positive contributions to the equine trail business at hand.

Once the working group was identified and in place, Grant established the general operating guidelines as to meeting places, set the agendas with our inputs, led the discus-



From left: Terry Leary, Irv Parker, Dee Parker, Marv Breikreutz, Grant Scholen, Ken Olson, Betty White

sions, and arranged for and tracked the progress of the approved projects. He polled the various park managers to determine their most pressing needs, helped prioritize them and made critical recommendations. Together, under Grant's leadership, the EAG and the DNR established criteria for how and where projects were prioritized, and determined allocation of available funds within these guidelines. Most riders will recognize many of the projects while in camp or on the trail and can track the progress via the annual reports that are now a model of reporting.

Grant, you led without dictating, you led by doing seamless staff work, you led by being quietly willing to challenge the status quo, and you led by being an unselfish advocate for the equine lovers of Minnesota.

You've done a marvelous job. Thank you and best wishes in your retirement!

Ask the Expert: Buying Hay By: Krishona Martinson, PhD, University of Minnesota

Q: What questions should I ask when buying horse hay?

A: Here are some questions horse owners should ask when purchasing hay:

1. Have you sold to horse owners before or do you specialize in horse hay?
2. What is the average weight of the bales? This is very important if buying hay by the bale.
3. What crop/cutting is the hay? Helps indicate maturity; good to know.
4. What species are present in the hay? Legumes and grasses have different nutrient values.
5. Where was the hay harvested? Rule out ditch hay.
6. Was the hay rained on? Rained on hay is a good choice for horses with metabolic problems; it tends to be lower in water soluble carbohydrates.
7. Was the hay stored inside or under cover after baling? Hay stored inside or under cover has less storage loss.
8. Was the hay field fertilized and/or sprayed for weeds? Show good management and likely a better quality product.
9. What are the payment options?
10. Is delivery available and if so, what is the cost?
11. What is the price? Is there a price break for volume or cash?
12. Is assistance available with onsite handling and stacking of hay, and if so, at what cost?
13. How much hay do you have/bale each year? Helps ensure a consistent supply of hay.

HORSE OWNER COLLABORATION NEEDED FOR RESEARCH ON LAMINITIS

- Is your horse confined to a drylot because he or she suffers from laminitis?
- Is your drylot weedy?
- If you answered "yes" to these two questions, we want to collaborate with you!

Equine metabolic syndrome and diets high in carbohydrates are known triggers for laminitis. Recent reports indicate horses housed on dry lots are still experiencing laminitis, despite being fed a low-carbohydrate diet. We hypothesize that weeds in the drylots are contributing to this problem.

Candidate farms must have at least one horse with a history of laminitis confined to a weedy dry lot. Owners must agree to provide access to the farm on three occasions (spring, summer and fall), to complete a short questionnaire, and sign a letter of agreement. No financial compensation will be given to the owner. At each visit, weeds in the dry lot will be identified and harvested, and evidence of ingestion noted. The horses housed in the dry lot will be examined and photographed by researchers and a medical history will be collected.



University of Minnesota researchers are looking to collaborate with 10 horse farms within 2 hours of St. Paul that have weedy drylots and laminitic horses.

If you meet the criteria and are interested in collaborating on this project, please contact Krishona Martinson at (612)-625-6776 or krishona@umn.edu



Research funded by a grant from the Minnesota Horse Council



DAKOTA WICOHAN RECEIVES MHC GRANT

The Minnesota Horse Council generously donated \$500 to Dakota Wicohan in 2012. Dakota Wicohan used this wonderful gift to purchase supplies for our Sunktanka/Horse Program.

Dakota Wicohan is a Dakota community-based nonprofit organization that is dedicated to renewing Dakota language and lifeways in Minnesota. One of our community's important cultural lifeways is the horse tradition. To teach and transmit the horse tradition, Dakota Wicohan operates the Sunktank Horse Program.

Sunktanka engages an average of 50 Dakota community members annually through a wide range of activities, including:

- ◆ **Sunktanka Summer Camp** - a horse riding camp held 3 days per week for 6 weeks for 30 Dakota youth every summer in the Redwood Falls area.
- ◆ **Fall Riding** - a twice per week afterschool horse riding program that goes for 6 weeks in September and October for up to 20 Dakota youth from both the Lower Sioux and the Upper Sioux Dakota communities (see photo from Fall 2012 session).
- ◆ **Spring Riding** - a twice per week afterschool horse riding program that goes for 4 weeks in May and June for up to 20 Dakota youth from both the Lower Sioux and the Upper Sioux Dakota communities.



- ◆ **Dakota 38 Memorial Ride** - a historic community horse ride to Mankato, MN to commemorate the hanging of 38 Dakota men on December 26, 1862. Riders come from multiple Dakota communities and Sunktanka supports the ride. We host and feed the riders and their horses when they come to the Lower Sioux area and many of our riders join the ride for the last leg to Mankato.

In sum, Sunktanka helps to nurture and reclaim the beautiful and spiritual Dakota horse tradition among the Dakota communities of southwestern Minnesota.

Thank you so much for your kindness and generosity. *Pidamayaye!*

Adding Supplements to Water

A 1,000 pound horse should drink about 8 to 10 gallons of water each day. In order to encourage horses to drink, especially when away from home, owners frequently “flavor” (i.e. peppermint) their water; however sometimes electrolytes or supplements are added, which are different than flavors. The objective of this study, conducted by Land O’Lakes Purina, was to test the hypothesis that horses decrease water intake when supplements or electrolytes are added to water.

Six mature horses were offered both plain water and water with one of four different supplements. Additives included two electrolyte preparations (Farnam Apple Dex and Land O’Lakes Calf electrolyte), a vitamin/mineral (Farnam Red Cell) additive, and a joint additive (Finish Line Fluid Action). All additives were offered at a rate of 28 g per 5 gallons of water.

Water intake from buckets was recorded via weight and replenished at 7:00 am and 6:00 pm each day. Horses were fed the same diets, had unlimited access salt, and were housed individually.

There was an effect of adding supplements and electrolytes to water as horses preferred plain water with a mean daily intake of 3 gallons versus 1 gallon for supplement or electrolyte water; horses drank over twice the amount of plain water compared to supplement or electrolyte water. There was no difference within the additive treatments for water intake. There was a trend for water intake to be affected by time of day, with the greatest volume consumed overnight. This trend may have been influenced by timing of water weighing and replenishment, and/or housing management conditions.

Adding supplements or electrolytes to water can decrease intake in horses. This may lead to dehydration, poor performance or other adverse health effects in horses.

Summarized by Krishona Martinson, PhD, University of Minnesota

Reprinted from the May 2013 University of Minnesota Horse Newsletter

Hay Steaming

Management strategies for horses with respiratory disease include soaking hay prior to feeding. Hay steaming is an alternative to this practice; however, little is known about its impact on forage nutritive values or intake. The objective of a study recently conducted at the University of Minnesota was to determine the effect of steaming on forage quality and intake by horses.

Two alfalfa orchardgrass mixed hays were evaluated: a low and moderately moldy hay. Each day, one bale of each hay was steamed for 90 minutes using a commercial hay steamer (Happy Horse Products; Figure 1). Two flakes of steamed or un-steamed low or moderately moldy hay were offered simultaneously to six adult horses in individual hay nets (three horses per treatment). Horses were fed for 5 days and then switched hay types for 5 additional days. Horses were allowed access to hay for 2 hours and dry matter intake was calculated. Flakes of un-steamed or steamed hay were also agitated in an electric cement mixer, and dust concentrations were recorded every minute for 30 minutes using a tapered element oscillating microbalance (TEOM) sampler.



FIGURE 1 - Hay Steamer

Steaming increased hay moisture and therefore reduced dry matter to 77 and 71% for low and moderately moldy hay, respectively. In both low and moderately moldy hay, steaming reduced phosphorus content. Steaming reduced water soluble and ethanol soluble carbohydrate content by 13% and 27%, respectively, for moderately moldy hay, but had no effect on low mold hay. Steaming reduced mold levels in both hays. Dust concentrations of moderately moldy hay were reduced by 55%; however, dust levels in low mold hay were not affected by steaming. Dry matter intake of low mold hay was increased by steaming; however, dry matter intake of moderately moldy hay was not affected by steaming.

For hay with low mold levels, steaming decreased mold levels, increased dry matter intake of the hay, but had no effect on dust level. In moderately moldy hay, steaming reduced mold and dust levels, but did not improve dry matter intake. Steaming represents a management strategy for reducing dust and mold levels and increasing dry matter intake in some hays. However, steaming should not replace the main goal of feeding good quality (i.e. low in dust and mold) hay.

Co-authors: J. Earing, PhD, M. Hathaway, PhD, C. Sheaffer, PhD, B. Hetchler, L. Jacobson, PhD, and J. Paulson, University of Minnesota and Tennessee Farmers Cooperative.

Reprinted from the April 2013 University of Minnesota Horse Newsletter

MINNESOTA HORSE COUNCIL BOARD MINUTES - April 9, 2013

Meeting Location: Nutrena Conference Room - Leatherdale Center, U of MN St Paul

Board Members Present: Missie Schwartz, Tim Bonham, Jan Schatzlein, Marian Robinson, Mark Ward, Dawn Moore, Judy Jensen, Sue McDonough, Glen Eaton, Tom Tweeten, Dave Fleischhaker, Trina Joyce, Charlyn Cadwell, Jennifer Willey, Darrell Mead, Tracy Turner

Absent:

Members/Visitors: Miriam McGurran, Allison Eklund, Doug Persian, Tim Wampfler

I. Meeting called to order: 6:31 P.M. by President Darrell Mead.

II. Introduction of Board Members/Visitors

III. Call for Additions/Changes to Agenda:

1. Jennifer Willey added Email Safety to New Business.
2. Jennifer Willey added Promotions to Committee Reports.
3. Tracy Turner added Legislative to Committee Reports.
4. Tom Tweeten added We Can Ride Accountability to New Business
5. Dawn Moore added Procedures to Old Business.

IV. Treasurer's Report for March was presented by Tim Bonham. Discussion and review followed. Adjustments were made to the Promotions and Trail budgets to reflect the actual budgets and expenditures. Mark Ward motioned to approve the February Treasurer's Report Dave Fleischhaker seconded, motion carries. The March and April Treasurer's Reports to be approved at the May meeting.

V. Approval of Minutes: Mark Ward motioned to approve the March minutes with spelling correction.. Tracy Turner seconded, motion carries.

VI. Secretary's Report: Dawn Moore advised directors to remember to remind the secretary or the administrative assistant if they are unable to attend a meeting. Dawn Moore also advised 140 renewals were mailed out on April 1st. Charlyn Cadwell requested a new supply of business cards and asked that TEEFA be mentioned on the reverse side. Dawn Moore requested any other directors needing business cards to contact her.

VII. OLD BUSINESS

A. MN Hay Bank: Mark Ward opened discussion on the request from the MN Hay Bank. Mark Ward had previously motioned (see March minutes) to fund the MN Hay Bank \$5,000 and TEEFA \$5,000 with the parameters that the monies be earmarked from the funds turned over from the 2013 MN Horse Expo for the 2014 budget. In addition, the MHC will require the MN Hay Bank to provide receipts for hay and then reimburse the MN Hay Bank upon receipt. Judy Jensen seconded. Discussion followed. Motion carries via a paper ballot showing twelve in favor and four against the motion. Darrell Mead will draft a letter to both the MN Hay Bank and TEEFA regarding the outcome of the voting.

B. We Can Ride Accountability: Tom Tweeten posed the question regarding the accountability of groups whom receive MHC funds. A consensus of the directors was to request a reporting of their general financial health and the impact of the donation on their operations. Dawn Moore will invite an individual to represent We Can Ride at the MHC May meeting.

C. Procedures: Darrell Mead requested all committee chairs update and post their procedures to the MHC storage site. Darrell Mead shared a vision to review all of these procedures as a board.

COMMITTEE REPORTS

A. Expo - Glen Eaton reported: All I am going to say at this time is that the Expo is ready to go. Speakers are set, Horse Barn is full and we have a waiting list for vendor booths. The Ma'Ceo Performance is ready, the rodeo and volunteers are ready so we are just waiting for two and a half weeks to pass. For the 2014 Minnesota Horse Expo Directors I propose the following. Darrell Mead, Jennifer Buskey, Glen G Eaton, Missie Schwartz, Brenda Miller, Del Bauernfeind, Janet Schatzlein, Angela McNally, Charlyn Cadwell, Dave Fleischhaker and Leslie Stewart.

B. Direct Funding: Mark Ward advised two applications have been approved in the month of April. The American Youth Council Symposium, MN planning committee in preparation for the 2014 National Symposium held in MN received \$500. Cass County Ag Association received \$500 to pay for instructors and pole bending bases for a series of clinics on horse related topics. Mark Ward presented the procedures for the Direct Funding Committee for MHC Board review. An application form has been generated for future use and a handout for Expo has been created as well. Mark Ward shared a sample letter of acceptance. Darrell Mead requested hard copies of all be sent to Trina Joyce for the archives. Tim Bonham motioned to accept the Direct Funding procedures as presented, Jan Schatzlein seconded. Motion carries.

C. MHC Website: Mark Ward advised the website is open to suggestion from the Directors. Mark Ward asked that any information a Director would like to see up on the website be emailed to him. Mark Ward advised an application for membership will soon be available on the website. All payments will go through the secure site PayPal.

D. MHC Horsemen's Directory: Mark Ward advised the list of therapeutic/disabled riding programs has been posted to the Directory. There are 805 registered users currently.

E. Legislative: Tracy Turner advised the tax changes did not pass, liability protections to extend beyond nonprofits are going to be addressed in the near future. Allison Eklund provided a legal description of the creation and regulation of the MN Federated Humane Societies. Tim Bonham discussed Legacy Grants.

F. Promotions: Jennifer Willey advised there will be a very general survey at Expo in 2013. A sample was shared with the directors. Jennifer Willey is looking for director volunteers to work the booth at the 2013 MN Horse Expo. Jennifer Willey shared a sample thank you letter for new members.

G. Coalition of State Horse Councils: Glen Eaton reported that the meeting in Washington DC, along with the American Horse Council meetings, are June 16th through the 19th. Tracy Turner and Glen Eaton are scheduled to attend the meetings

I. NEW BUSINESS

A. Horse of the Year Committee: Jennifer Willey proposed a new committee to honor a Horse of the Year. Seven categories are currently proposed (all around, lesson horse, show horse, trail horse, stallion, broodmare, lesson horse). The award would be open to all breeds, including grade horses. The Promotions committee will discuss the idea further and report back to the board of directors at the May meeting.

B. Education Committee: Tracy Turner proposed a new committee that could be charged with being the educational arm of the MHC. The committee would provide educational materials for Facebook and the MHC website, as well as providing educational materials for the newsletter. Trina Joyce motioned to institute this committee with Tracy Turner as chair and Jennifer Willey as co-chair. Judy Jensen seconded, motion carries.

C. TEEFA: Charlyn Cadwell shared the current procedures for application and decision making for TEEFA assistance. Charlyn Cadwell to present the procedures for TEEFA at the May meeting.

D. Email Safety: Jennifer Willey passed around an example of an email scam.

Announcements:

April 12th is the deadline for submissions for the next newsletter.

X. Darrell Mead adjourned the meeting at 9:16 PM.

NEXT MEETING: May 14, 2013 ♦ 6:30 p.m.
University of MN ♦ Leatherdale Center

MHC WORD SEARCH

Q	S	I	O	P	X	E	E	S	R	O	H	C	D	A	P	C	L	M
M	A	D	R	A	W	A	R	E	E	N	O	I	P	R	O	O	E	S
R	Y	O	T	C	E	R	I	D	H	O	R	S	E	E	S	U	G	D
S	P	I	H	S	R	O	S	N	O	P	S	T	A	S	E	N	S	I
U	X	P	N	O	I	T	A	C	U	D	E	R	X	N	L	C	E	R
N	E	R	M	E	M	B	E	S	H	I	P	A	T	O	B	E	I	E
A	T	O	S	E	N	N	I	M	O	L	E	I	E	P	A	R	T	C
L	E	M	C	H	D	I	S	A	S	T	R	L	R	S	T	A	I	T
H	U	O	U	O	W	E	F	A	R	E	S	B	E	E	S	F	L	F
A	N	T	N	R	M	E	M	B	R	S	O	L	T	R	D	L	I	U
G	N	I	T	E	E	M	L	A	U	N	N	A	T	R	E	E	C	N
I	D	O	L	T	P	I	O	N	E	S	O	Z	E	E	I	W	A	D
H	I	N	D	E	C	H	O	W	T	A	F	E	L	T	F	E	F	I
A	N	S	R	N	G	R	A	N	S	T	T	R	S	S	I	S	W	N
Z	G	C	U	N	C	I	A	L	U	V	H	S	W	A	T	R	O	G
Y	R	O	T	C	E	R	I	D	S	N	E	M	E	S	R	O	H	R
I	C	N	O	H	G	E	N	O	I	P	Y	S	N	I	E	H	S	I
V	I	E	V	I	T	A	L	S	I	G	E	L	O	D	C	E	M	D
T	R	I	A	M	B	S	C	H	O	L	A	R	S	H	I	P	S	S
S	H	O	A	I	S	L	E	O	F	B	R	E	E	D	S	A	L	E

Find all the words in the list. Words can be found horizontally, vertically, diagonally and backwards.

- | | |
|---------------------|-------------------------|
| AISLE OF BREEDS | HORSEPERSON OF THE YEAR |
| ANNUAL MEETING | LEGISLATIVE |
| CERTIFIED STABLES | MEMBERS |
| COUNCIL | MINNESOTA |
| DIRECT FUNDING | NEWSLETTER |
| DISASTER RESPONSE | PIONEER AWARD |
| EDUCATION | PROMOTIONS |
| GRANTS | SCHOLARSHIPS |
| HORSE | SHOW FACILITIES |
| HORSE EXPO | SPONSORSHIPS |
| HORSE WELFARE | TEEFA |
| HORSEMENS DIRECTORY | TRAIL BLAZERS |



MEETING SCHEDULE

www.mnhorsecouncil.org and
www.minnesotahorsemensdirectory.org

MINNESOTA HORSE COUNCIL BOARD MEETINGS

Leatherdale Equine Center Center ♦ 6:30 pm
1801 Dudley Ave ♦ St. Paul
Located on the U of M St. Paul Campus

June 11, 2013	Dec. 10, 2013	April 8, 2014
July 9, 2013	Jan. 18, 2014 -	May 13, 2014
Sept. 10, 2013	Annual Meeting	June 10, 2014
Oct. 8, 2013	Feb. 11, 2014	July 8, 2014
Nov.r 12, 2013	March 11, 2014	Sept. 9, 2014

MINNESOTA HORSE EXPO BOARD MEETINGS

Byerly's Community Room ♦ 6:30 pm
3777 Park Center Blvd ♦ St. Louis Park, MN

June 25, 2013	Dec. 31, 2013	May 20, 2014
July 30, 2013	Jan. 28, 2014	June 24, 2014
Sept. 24, 2013	Feb. 25, 2014	July 29, 2014
Oct. 29, 2013	March 25, 2014	Sept. 30, 2014
Nov. 26, 2013	April 15, 2014	Oct. 28, 2014

For Horse's Sake

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For Horse's Sake is the official newsletter of the Minnesota Horse Council (MHC). Statements appearing in *For Horse's Sake* are those of the authors and not necessarily those of the MHC. To reprint any material published in *For Horse's Sake*, please notify MHC of your intentions. Full credit needs to be given to the author. Articles of relevance to the equine industry are earnestly solicited. The Minnesota Horse Council is a non-profit member-supported volunteer organization representing all equine disciplines and breeds in Minnesota's equine livestock industry.

Please e-mail or send potential articles to:

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Newsletter Deadlines

June 2013	5/17/13	Dec 2013	11/15/13
July/Aug 2013	6/28/13	Jan-Feb 2014	01/17/14
Sept. 2013	8/16/13	March 2014	02/14/14
Oct. 2013	9/13/13	April 2014	03/14/14
Nov 2013	10/18/13	May 2014	04/11/14

MINNESOTA HORSEMEN'S DIRECTORY

The Minnesota Horsemen's Directory is a free resource provided by the Minnesota Horse Council to help you find horse-related information and services in and near Minnesota.

- ♦ Find a farrier, trail riding stable, boarding, lessons, tack stores, and much more! Use the Events Calendar to find shows, clinics and other horse-related activities. Use the new Jobs category to find a job or skilled job seeker.
- ♦ Find what you're looking for by choosing a category, or search the directory. Once you are in a category, browse the results alphabetically or by a sub-category or region.
- ♦ Help make this site comprehensive and accurate. Submit a free listing of your Minnesota horse-related business or organization. Once listed, you can edit your listing as often as you wish.
- ♦ Whether you are looking to hire or looking for an equine-related job in or near Minnesota, submit a Help Wanted or Seeking a Job ad here.

www.minnesotahorsemensdirectory.com



MEMBERSHIP APPLICATION

www.mnhorsecouncil.org

- Individual - \$15
- Family - \$20
- Organization - \$25
- Corporation - \$25
- Certified Stable: First Year - \$35
- Certified Stable: Renewal - \$25

Name _____

Farm/Business Name _____

Address _____

City/State/Zip _____

Phone _____

Alt. Phone _____

E-mail _____

Website _____

Brief description of your stable/business/involvement with horses:

Would you like to volunteer with MHC? If so, please list any interest you have: _____

I'd like to receive the MN Horse Council newsletter, "For Horse's Sake" by:

- E-mail - color (saves on postage and paper)
- United States Postal Service - B&W

Please complete this form and send with your check to:

Minnesota Horse Council
 PO Box 223 ♦ Plato, MN 55370



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State Horse Council

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In This Issue

Message from the Expo President.....	1
Horse People Helping Horses.....	2
Horse Trailer Regulations.....	2
Horses in Need After Oklahoma Tornado Devastation.....	3
U of M Equine Pasture Management Program.....	3
Emergency Preparedness.....	4
AAEP Foundation Funds Efforts to Aid Horses Affected by Severe Weather.....	5
National Coalition of Equine Organizations and Companies Launch TimeToRide.com.....	5
Grant Scholen Retires.....	6
Ask the Expert: Buying Hay.....	6
Horse Owner Collaboration Needed for Research on Laminitis.....	7
Dakota Wicohan Receives MHC Grant.....	7
U of M Research Updates.....	8
MHC Board Minutes - April 9, 2013.....	9
MHC Word Search.....	10

APRIL 25, 26, & 27



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Minnesota Horse Council

