

Grazing News



Iowa State University
Department of Animal Science
Equine Science Newsletter & Updates

January 2012

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HAPPY NEW YEAR

Below is new and updated information from Iowa State University Equine Science. If you have questions or comments about this message or the content listed herein, please contact me.

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University Extension
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Specialist
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Master Equine Managers measuring the heart girth of the horse.

Upcoming Events

- [Find Your Dream Job in the U.S. Horse Industry - Jan. 10th](#)
- [Iowa Horse Council Annual Meeting - Jan. 21st](#)
- [Equine Health and Prevention of Diseases - Jan. 29th](#)
- [Horse Jamboree Updates - Feb. 2nd](#)
- [Management of the Mare and Foal Workshop - Feb. 11th & 12th](#)
- [Horsin Around 2012 Featuring Robin Frid - Jan. 14th & 15th](#)
- [NCR Equine Business Conference - February 25th](#)
- [Iowa 4-H and Youth Horse Jamboree - March 24th & 25th](#)
- [Iowa Horse Fair - March 30th - April 1st](#)
- [Block & Bridle Horse Show - April 20th - 22nd](#)
- [Session 1: Master Equine Manager 1 - 4/3, 4/10, 4/17, 4/24, 5/1, 5/8, 5/11 & 5/12.](#)

- [Session 2: Master Equine Manager 1 - 5/10, 5/17, 5/24, 5/31, 6/7, 6/14, 6/15 & 6/16](#)
- Hold the date of May 21st for a Forage Management program.



Find Your Dream Job in the U.S. Horse Industry

January 10, 2012

6:00 PM CST

Speakers: Dr. Christine Skelly, Michigan State University; Dr. Kathy Anderson, University of Nebraska; Dr. Peggy Miller, Iowa State University

Attend a live Webcast right from home! These interactive events feature equine experts from around the globe talking about topics that are important to you. Webcasts are co-sponsored by MHU and eXtension's HorseQuest (www.extension.org/horses).



Description: Do you dream of turning your passion into your profession? If your passion is horses, finding a career in the horse industry may be for you. The United States has the most diverse horse industry in the world, with a variety of breeds and disciplines supporting 2 million horse owners in both recreational and competitive events. The U.S. Horse Industry produces 38.8 billion dollars annually of goods and services. This presentation will give a broad overview of the U.S. Horse Industry and the careers that support it. In addition, we will discuss how to choose a career that fits your talents and professional expectations.

To register for the webcast go to http://www.myhorseuniversity.com/resources/webcasts/jan_2011

Iowa Horse Council Annual Meeting

January 21st, 2012

@ Iowa State University

Ames, IA

Attend the annual meeting of the Iowa Horse Council to find out what the council is all about.

10:30 Registration

11:30 Lunch

SPEAKERS

12:30 **Paul Tauke**
State Forester/Chief

Update on Iowa Trails

Iowa DNR Forestry Bureau

Jill Paxton

Bureau Chief

12:50 Iowa Department of Agriculture and Land Stewardship
Horse and Dog Bureau Update on Horse Industry in Iowa

1:10 Dr. Kim Houlding
Madrid Veterinary Clinic Update on United Organization of the Horse

Dr. Peggy Miller-Auwerda
1:30 Department of Animal Science
Iowa State University Update on ISU Animal Science & Equine Program

2:00 Business Meeting
Call to Order
Minutes of 2011 Annual Meeting
Old Business
Committee Reports
New Business
Election of Board Members & Officers

[RSVP to Dr. Peggy M. Auwerda by January 13th](#)

Directions to Kildee Hall - Room 1204 - From Hwy 30 exit on University Blvd and go north to Wallace Road. Turn left on Wallace and right on Osborne. Right before the entrance gates turn right into the parking lot.

<http://www.fpm.iastate.edu/maps>

<http://maps.google.com/?ll=42.02953532525486,-93.64401529799471&z=16>



Horsin' Around 2012

January 14 & 15, 2012

RB Warren Arena

UNL Animal Science Complex

Lincoln, NE

Annual UNL Horsin' Around Conference Jan. 14-15
LINCOLN, Neb. -- Robin Frid of Pilot Point, Texas, will be the 2012 featured presenter during the 20th annual Horsin' Around conference Jan. 14-15 at the RB Warren Arena in the Animal Science Complex on the University of Nebraska-Lincoln's East Campus.

Frid's niche is all-around horses and during the two-day Horsin' Around conference he will show his methods in a variety of areas including showmanship, trail, horsemanship and English equitation, said Kathy Anderson, extension horse specialist at UNL.

Frid, who opened his winning training facility in 2006, works well with youth and amateurs, Anderson said.

"He is a 20 year veteran of the competitive circuit and he has produced some of the most talented and awarded horsewomen and men in the last decade," she said. More information about Frid can be found on his website at <http://robinfrid.com>



Registration for the event opens Dec. 1 and closes Jan. 7. The 2012 conference is limited to the first 450 paid registrations. Anderson said to register early as some conferences have sold out.

Other presenters at this year's conference include Mikki Nienhueser and Kathy Potthoff. Nienhueser serves as the animal emergency coordinator for the Nebraska Department of Agriculture in which she works to develop plans and provide training opportunities for responders in animal health incidents. Potthoff is a UNL 4-H youth development extension educator. She has presented 4-H educational programs on the national, regional, state and local levels in positive youth development, volunteer development, cultural education, outdoors, companion animals, horse and other animal science areas.

The conference begins at 9 a.m. both days and is open to participants of all ages. Adult registration is \$30 for both days or \$20 for one day. For youth 18 and under, cost is \$25 for both days or \$20 for one. If the clinic doesn't sell out, registration will be available at the door for adults at \$40 for both days and \$25 for one day and for youth at \$30 for both days and \$20 for one day.

No phone-in registrations are accepted. For more information or to register, call (402) 472-6411 or e-mail kanderson1@unl.edu. More information can be found at horse.unl.edu or on Facebook at <http://www.facebook.com/UNLhorse>

Equine Health and Prevention of Diseases

January 27th, 2012

8:00 A.M. - 5:00 P.M.

<http://www.extension.iastate.edu/masterequine>

The course is a program designed to help you maintain optimal health and reduce risks of disease on your farm. You will be introduced to many of the common problems facing the horse owner and you will learn the steps to take so that you can reduce the risk of diseases and injuries for your horses.

Schedule

8:00	Registration
8:30	Introductions
8:45	Equine Emergencies
9:45	Colic
10:30	Break
10:45	Developing a year round farm biosecurity program for maintaining the health of the horse.
11:30	Teeth and dental care
12:30	Lunch
1:30	Hand-On - Daily Health Checks; Body Condition Scoring; First-Aid Treatments; Lacerations & Treatments, How to Splint a Leg, Bandaging Legs; Examination of a Potential Colic Including Nasogastric Tube Placement and Abdominal Ultrasound, Dental Examination, Emergency Rescue



Speakers - Dr. Joan Howard and Dr. David Wong, ISU Equine Veterinary Clinical Sciences

Registration

Only 20 people Accepted to Participate. Space is filling up.

Before 1/20 - \$200

1/21-1/26 - \$225

MEM's & Students - 10% Discount

Iowa Horse Jamboree Updates

February 2nd

6:00 - 8:00 pm

- Updates on the Jamboree schedule
- Learn about what is new in 2012
- Learn about hippology & quiz bowl
- Learn study techniques for hippology & quiz bowl
- Attend the live Webcast right from home! To connect click on <https://connect.extension.iastate.edu/livestock4h> and sign in as a guest.



Management of the Mare and Foal Workshop

February 11th & 12th, 2012

<http://www.extension.iastate.edu/masterequine>

All horse owners, mare and/or stallion managers, foaling attendants, and other breeding farm personnel will benefit from this program by learning the most efficient methods for ensuring success of their breeding program.

Saturday February 11th

8:00 Registration

8:45 Nutrition of the Mare

9:30 Mare Anatomy & Physiology - Hormonal Patterns & Influences on the Reproductive Tract, Manipulation of the Estrous Cycle Including Lighting

12:00 Lunch

1:00 Pregnant Mare Care, Pre-foaling Management of the Mare, Predicting Parturition & Foaling Procedures; Complications of Pregnancy & Foaling; Post-Parturient Foal Management

3:00 Neonatal Foal Care & Foal Diseases

4:30 Nutrition for the Growing Horse

5:15 Advanced Technologies in Reproduction



Sunday February 12th - Wet Lab - Live Demonstrations & Hands-On (Limited to 15 people)

8:30 - 4:00 Record Keeping to Enhance Reproductive Efficiency; Estrus Detection, Fertilization & Pregnancy; Ultrasonography Assessment of Follicle Growth in the Transitional & Cycling Mare; Breeding Soundness Exams; Placenta Evaluation; Progesterone Assays; Learn to Inseminate Mares

Speakers - Dr. Peggy Auwerda, Dr. Roy Kipper, Dr. Bruce Christensen

<http://www.extension.iastate.edu/masterequine>

North Central Equine Business Management Conference

February 25th

Universities Connect Equine Industry Professionals with Resources and Opportunities. Multi-state conference will foster rural equine business development in the North Central Region.

EAST LANSING, Mich - Equine business professionals in the North Central Region of the United States are invited to a dynamic, multi-state conference where they will be connected with land grant universities, industry professionals and other valuable resources.

In an effort to keep equine businesses a vital part of our rural communities, the [Equine Business Conference](#) will provide horse industry professionals with information and resources on liability, business finance, marketing and insurance for equine businesses.

Hosted by Michigan State University, University of Minnesota, University of Nebraska and Iowa State University, this one-day conference will be offered on Saturday, February 25, 2012 in four locations - East Lansing, Michigan; St. Paul, Minnesota; Lincoln, Nebraska; and Ames, Iowa. At each location, participants will hear from a "live" industry expert and will see broadcasts of presenters from the other three locations. Topics will include:

- Equine Insurance: Using Insurance to Protect Your Horse, Yourself, and Your Equine Business Investment
Wade Ellerbrook, Licensed Real Estate Broker, Insurance Broker and Appraiser
- Law: Legal Liability and Contracts,
Julie Fershtman, Attorney, Foster Swift Collins & Smith, P.C.
- Taxes and Finance: Structuring Your Horse Business to Succeed in the Future
Tina Barrett, Executive Director, Nebraska Farm Business
- Promotion, Marketing and Advertising: Tips on Social Media and Low- and No-Cost Promotion
Terry Schroeder, C.E.O., Reichert Celebration, Inc.

Advance [online](#) registration is required. The registration fee is \$30. [Sponsorship opportunities](#) are also available.

Funded in part by a grant from the North Central Regional Center for Rural Development, the Equine Business Conference is a collaborative effort between [My Horse University](#) and [eXtension/horses](#). Equine industry professionals are also encouraged to join the Equine Business Network (EBN) community on [Facebook](#) and [Twitter](#). Through partnerships with eXtension/horses and My Horse University, EBN offers an array of free online resources including webcasts that are based out of the participating land grant universities

Join our new facebook page [Equine Business Network](#)
Join us on [Twitter](#)

[Hay Substitutes](#)

Below is a list of hay substitutes that should be helpful if you find your self running low on hay.



Hay Substitutes				
Feed	Can be fed as the sole part of the diet?	Advantages	Disadvantages	Notes
Hay Cubes	Yes	Can be fed as the complete diet Both grass and alfalfa cube are available Consistent quality Low dust.	Normally more expensive than hay Some horses may chew on wood more May need to soak for some animals depending upon their teeth.	Usually sold in 55 lbs bags Maintenance Horse 17-18 lb/day
Haylage	Yes	Maintains quality of forage High in energy and protein Low dust	Ensiled bags are heavier than hay Danger of botulism	
Beet Pulp	No	Good source of fiber Fairly high in Ca.	Moderate protein (8%) Low vitamin content Must be soaked before being fed, thus is labor intensive If not adequately soaked, animal can choke Will spoil if left soaking too long in warm weather	Up to 10 lb (dry wt) can be fed per horse. Supplement with a balanced vitamin/mineral supplement Some beet pulp is pelleted with molasses
Rice Bran	No	Good source of fat Good source of fiber	High phosphorus	Commercial products generally add Ca to balance P
Wheat Bran	No	Good source of fiber High in protein (16%)	Extremely high in phosphorus Feeding excessive amounts may cause debilitating Ca:P imbalances	Limit to no more than 1 lb per adult horse per day
By-products from grain harvest	No	Depending upon the product, it may be quite palatable Provides extra fiber Good when used with a complete feed	Does not have enough protein and energy to meet the needs of a mature equine	Examples: Oat straw, wheat Straw, soybean hulls, corn stalks
Straw	No	High fiber May satisfy a horse's desire to chew	Contains very little nutritional value	Straw should only be used as a chew factor
Complete feed with crude fiber (CF) > 15%. Horses with Equine Metabolic Syndrome should be fed ration where CF > 20%	Yes	Available in pelleted, textured and extruded forms Easily obtainable Consistent quality Palatable Ease of handling	More expensive than hay May result in more wood chewing Feeding horses without other roughage may increase risk of colic and/or laminitis	12-15 lbs are needed per day to meet the average horse (1000 lb) requirements

WORLD'S LARGEST BREED REGISTRY OFFERS OPPORTUNITY FOR DRESSAGE ENTHUSIASTS: The American Quarter Horse Association now allows

dressage participants to earn points at USEF/USDF-licensed competitions that are approved by the AQHA.

(Des Moines, Iowa) - Are you an AQHA registered horse owner and dressage enthusiast? You now have the opportunity to earn AQHA points at USEF-licensed/USDF-recognized dressage competitions that are approved by the AQHA.

AQHA points can be earned starting at the highest test in Training Level going through Grand Prix. The points earned may accumulate toward awards such as Register of Merit, year-end high point awards, and Incentive Fund payout (Training level not eligible for Incentive Fund payout).

For horse and rider eligibility requirements please visit the AQHA website at www.aqha.com.

The Iowa Dressage & Combined Training Association offers a USDF/USEF/AQHA Approved Dressage Show at Maffitt Lake Equestrian Center in Cumming, Iowa on June 16-17, 2012.

Maffitt Lake Equestrian Center is a state-of-the-art show facility that offers multiple show arenas, warm-up areas, permanent stabling, and camping sites. The all-weather footing makes it an ideal setting for the Iowa Dressage Classics.

To learn more about the Iowa Dressage Classics, please visit the IaDCTA website at www.iadcta.org.

For more information please contact:

Rachel Wehrheim

319-624-2546

medicineriverfarms@yahoo.com

www.iadcta.org

Iowa Horse Jamboree

March 24th & 25th

Iowa State University

Entries will be due March 1.

Come and join the excitement March 24 & 25, 2012 in Ames. The Youth Horse Jamboree is an opportunity for youth to participate in a host of activities. From hippology to quiz bowl, public speaking, and horseless horse projects including photography, visual arts, woodworking, creative writing, and others.

The [Tack Swap](#) is back by popular demand.

<http://www.extension.iastate.edu/4h/projects/livestock/horse.htm>



Master Equine Manager 1

There will be 2 sessions of the Master Equine Manager 1 program. The sessions are scheduled for:

- Session 1 - On-Line: 4/3, 4/10, 4/17, 4/24, 5/1, 5/8 Hands-On: 5/11 & 5/12
- Session 2 - On-Line: 5/10, 5/17, 5/24, 5/31, 6/7, 6/14 Hands-On: 6/15 & 6/1

The on-line portion of the program will be held Thursday evenings from 6 to 8 pm. The last two-days are hands-on activities at Iowa State University.

The Iowa State University Extension (ISUE) Master Equine Manager Program is designed to provide applicable information to the horse owner on horse care and management. The program consists of six 2-hour internet sessions which includes behavior, nutrition, pasture management, facilities, equipment, selection and evaluation, diseases, parasites and hoof care. A two-day hands-on skill development session coincides with the on-line program. The hand-on sessions covers forages, feeds, health care, hoof care, facilities, selection and behavior. For the total program you will receive 24 hours of equine science and management.



Evaluating Hay Samples

Benefits and Opportunities for the Certified Master Equine Manager

- Promote quality horse care and responsible horse ownership.
- Conduct training clinics and workshops for youth and adults.
- Manage or assist with horse events, shows, trail rides or judging activities.

- Participate in horse organizations with public education programs.
- Develop new skills to enhance employment opportunities within the industry.
- Secure web access to numerous equine references pertaining to each subject matter.
- Receive instruction and certification from Iowa State University.
- Permanent Master Equine Manager name badge



Measuring the Horse's Proportions

Comments from the Fall 2011 Session

- The course was great, and very flexible i.e recording the sessions. The knowledge of the speakers was very impressive as was there ability to adate the the very wide knowledge and experience of the group. I will and already have recommended this course.
- If I attend future sessions I'm sure they will be as good or better than this session. Thank You so much.

For more information go to <http://www.extension.iastate.edu/masterequine>

Iowa Horse Judges Directory & Iowa Ring Stewards Directory

Available January 10th at the [Iowa Horse Judges Page](#).

eXtension's HorseQuest Online Resources

[Ask the Experts](#)

[Free Horse Learning Lessons](#)

[Horse management articles](#)

