

# HIGHLANDS OF THE HEARTLAND

Spring Issue 2015  
Issue 19

Heartland Highland Cattle Association, 976 State Highway 65, Tunas, MO 65764  
<http://www.heartlandhighlandcattleassociation.org/> 417.345.0575



## Letter from the HHCA President

By Jerry Delcour

April has finally arrived after the usual long winter and its almost time for the HHCA auction. We have a great list of consignments for the sale. This is a chance to purchase some new bloodlines or add to your herd whether you are looking for registered or unregistered cattle.

The HHCA classified listings are selling very well so this is a good time to list your cattle. Listing your cattle is free and buyers are checking the site daily looking for good cattle. I recently read a good article about marketing your cattle for sale so some of these tips are from that article and some of the advice is from my own experiences.

Don't take the picture too close up or with the cow in a dark shade. A picture taken from a long distance isn't good either. Always make sure the picture is current. If its spring or summer, don't send in a picture of the calf standing in snow from last winter.

If you are listing a cow, you need to be able to tell if the cow is open or bred and if bred have your vet confirm how many months pregnant the cow is. Your cow being "pasture bred" will not bring as much MONEY as it will if a vet checks her. Preg checking is very cheap and can make quite a difference in your price.

Also have your registration numbers ready so the bloodlines can easily be checked. Good records of birthdates are a must if the animal is unregistered.

Don't Pass on problem animals. Keep your problems in the back pasture or butcher them.

Always have a price ready for a potential buyer. Don't ask a buyer to price your cattle for you. Better yet don't put them on the market until you have that price decided.

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Check out what other comparable cattle are selling for in the area.

When someone comes to look at what you have for sale have them so they are easy to see. Make sure you can show your animal either by looking on foot, 4-wheeler or pickup.

No buyer wants to spend time "looking" for your cattle.

Finally if you make a sale and the buyer is making a trip back to get cattle, be sure and have a good loading system. Again nobody wants to chase cows around the farm.. I recently had someone tell me he went to pickup a cow or 2 and spent 6 hours in the hot summer trying to chase down and load a couple of cows and calves.

I hope this might help make things go better with prospective buyers.

Remember April 23rd. is the auction. Even if you are not buying or selling come and meet your fellow members and enjoy the auction. Hope to see you there.

**Congratulations to Dr. Alan Cameron of Minden, LA,  
winner of the Highland Mailbox Scholarship Raffle!**

## Mark Your Calendar! 4<sup>th</sup> Annual Highland Cattle Auction, 23 April 2015, Norwood Sale Barn, Norwood, MO

There are 79 Highlands consigned, registered, unregistered, crossbreds. What a line up!!!! Bred Cows; Cow/Calf pairs/ weanling, yearling, 2 and 3 year old heifers, yearling bulls and breeding bulls, male and female Highland crosses. All young animals with years of production. You have a great bloodlines to choose from to add to your Highland fold.

Go to [www.highlandcattleauction.com](http://www.highlandcattleauction.com)

For those who are coming on Wednesday we have a motel in Mountain Grove with lots of trailer space. You can contact the Days Inn at 417.926.5555 to make

arrangements to stay overnight. If you are delivering animals on Wed., please contact Jerry at 417.693.0858 or Gloria at 417.733.3201, to let us know estimated time of arrival. Don't forget to bring bedding and feed for your animals overnight.

If you are planning on purchasing animals at the auction, the Sale Barn owner stated they will accept cash and checks, but if you are from out of state, ID will be required.

***WE LOOK FORWARD TO SEEING YOU AND YOUR TRAILERS THERE!***

## Important Website Information for Members

I have been notified many times in the last several months through email from members after you have posted a new classified ad or when we have posted a new member on the directory that you have received some SCAM emails either to purchase your Highlands or to become a Friend. Many times the emails haven't been caught by your spam protection so you have them in your email box. Most of you have realized from the grammar in the emails that they are SCAMS, but still many of you are concerned.

I have talked to our webmaster of our website and he is going to try to remedy this problem so you can continue to feel safe by using the classified ad section as well as having your name posted on the membership directory.

Our webmaster has a solution to build/program a new system on the website which is basically a contact form. Contact emails would be replaced with a link to this form and would pass an ID of what member is to be contacted.

There will be no extra cost to the members in membership dues to have this program. This will be another benefit from the HHCA to safeguard our members and help promote our Highland breed and the association.

Please, continue to post your ads to the classified section as you have done in the past. We know that the Classified page and the HHCA website does pay off, especially when we get over 200,000 hits a month.

## Introducing a Junior HHCA Member

My name is Courtney Hutson and I am a Junior member of the HHCA. I have been around cattle all my life and 3 years ago I bought my first Highland and have enjoyed them and wouldn't have any other breed. I bought my first purebred unregistered Highland 3 years ago on March 23 and she has been my show heifer for awhile now. She has also taken herd leader.

Then on last September I purchased FTA Kitty's Leah. She is my grumpy cow, that is what we call her because she has the attitude of the dwarf Grumpy, but once we put the difference aside she gets her work

done like she is supposed to. She is also my cuddle bug. I have bought others and I wouldn't sell her or any of them unless it was needed. She is a starter of my herd as well as the others so this is two of them.

I also bought CBS Rhinestones Legacy and call her my farm ewa from Cobblestone Farm and Legacy was a bottle calf and she has wonderful bloodlines and in general she is wonderful. She is a little girl at heart and wants to play so my brother and her play around in the pasture. He calls her his baby but she is all of ours'

Please see *Junior* on page 4

## Welcome New Members

### Alabama

Tim & Anca Bishop, Union Grove, AL

### California

Drew Workman, Coarsegold, CA

### Iowa

Bob & Glenda Frank, Lake Park, IA *sponsored by Randy & Chris Batz, Sac City, IA*

### Kansas

David McGregor, Carbondale, KS *sponsored by Anna Ortego, Turkey Creek, LA*

### Michigan

Eddie Mackay, Three Rivers, MI

### Minnesota

Mark & Jamie Schulz, Elkton, MN

### Missouri

Lucas & Kahla McClure, Lebanon, MO *sponsored by Steve Stewart, Spokane, MO*

Mike Phelan & Todd Marquette, Wildwood, MO

Anna Elizabeth Burns, Deepwater, MO *sponsored by Elizabeth Dawson, Eldorado Springs, MO*

Lyndon Irwin, Bois D Arc, MO *sponsored by Elizabeth Dawson, Eldorado Springs, MO*

Beauford Wilson, Stover, MO *sponsored by Jerry Delcour & Janet Melton, Crane, MO*

Preston Haglin, House Springs, MO

### Nebraska

Gary & Karen Higgins, Beatrice, NE

### Oklahoma

Jeremy Hoffman, Longdale, OK *sponsored by Robert & Dianne Smith, McCloud, OK*

Richard Powell, Earlsboro, OK *sponsored by Lonnie & Pam Cofer, Fairview, OK*

Patricia Mills, Jay, OK

### Texas

Mike Wallace, Jacksonville, TX *sponsored by Glenn & Sherry Young, Tyler, TX*

Ron & Beth Wells, Lindale, TX *sponsored by Glenn & Sherry Young, Tyler, TX*

Judith Scott, Maybank, TX *sponsored by Glenn & Sherry Young, Tyler, TX*

Billy & Sherri Carpenter, Springtown, TX

### Wisconsin

Heather Bailey, East Troy, WI

Michael & Katie Parish, Mayville, WI

Ben & Mary Schmidtke, Platteville, WI

A sincere Thank You to all the HHCA members who sponsored some of these new members. When they sold their Highland cattle, they sponsored the buyer a HHCA membership. It is only \$15 to sponsor a new member. Sponsorship gives the new members information and networking within the Association as well as many other benefits. Think about sponsorship when you sell your Highlands.

## Managing Cattle and Lice

Insects only trouble cattle in the summer, right? Wrong. Winter's cold temperatures bring out mange and lice, and the accompanying sores and incessant itching. Relief, and better cattle health, comes with attention and treatment. Though time, effort and expense are involved, not treating the conditions can lead to herd and financial losses.

### Types of mange

The five types of mange are caused by different parasites.

Chorioptic mange is the most common form of mange in the U.S. It's caused by non-burrowing mites found at the base of the animal's fur. They feed on skin debris and tissue fluids. Chorioptic mange is found on the scrotum, udder, thighs, under the flanks, inside the hocks and at the base of the tail. These mites are not visible, so skin scrapings are needed for positive diagnosis.

Psoroptic mites bite the skin and feed on the secretions. This mange is common to central and western states. Initially mites are found on the withers, along the back and base of the tail. The condition can quickly worsen to oozing sores.

Mites that burrow under the skin cause sarcoptic mange. Its lesions are found in areas with little hair: ears, udder, scrotum, inner thighs and around the base of the tail.

Other mange conditions are demodectic mange which is transferred from cow to calf during nursing.

Psorergatic mange is very mild and usually isn't treated.

### Mange symptoms and treatment

Mange is very contagious and is spread through direct contact among infected cattle. Contaminated grooming tools also spread it, so clean them thoroughly.

Please see *Lice* on page 5

*Junior from page 2*

baby. She will always put a smile on our faces just like the rest. She is what I am working on with a little girlfriend, Braylee. Braylee's family has been a friend of my family since I was little so I have been working with her on the whole showing idea. Right now we have stopped training due to school. Legacy is my go to girl for training since she is like, "yup I am listening; let's do this already" and goes with the flow so. She has plenty of experience with kids just starting out. Then to Ewa who I haven't had much experience with since I had to sell her last November because she had put my family endanger. A friend of mine said he would put her in his pasture with his cows so that she wouldn't endanger anyone and that worked out for her. She is happy as she had her calf. Then on to Shatacres Crimsonrose who was at the 2015 National Western Stock Show in Denver and she had caught mine and my dad's eye. So we bought here and brought her home and she has been my new baby to spoil. Her bloodlines are amazing and she has been

amazing in the little amount of time I have had her. She adjusted quickly and she has quite a few people who love her. So that is my herd right now and for me and my family that is enough. We have been so busy with life when we bought these four It was like time slowed down for us.

I have showed my Highlands at the North Central Show in MN and at the Husker Highland Show in York, NE and for the first time at the Denver NWSS this year in January. I placed three times in the show and had the opportunity to walk some of the sale Highlands into the ring. I was introduced to the membership at the HHCA annual meeting in Branson and met many new Highland breeders.



## 2016 Calendar Winners

**Front Cover Winner:** Cedar Creek Farm

**January:** Deardorff Highlands, Clint Deardorff, Yale, IA

**February:** Windy Cow Farm, Keith & Marcy Morris Lamar, MO

**March:** Busted Bucket Ranch, Warren & Claudine Berg, Gatesville, TX

**April:** Quinn Farm, Ian & Mandy Quinn, Strafford, MO

**May:** Twisted Timbers Ranch, Brian & Carolyn Beddow, Tioga, TX

**June:** Finley Falls Highlands, Ron & Phyllis Campbell, Nixa, MO

**July:** C&C Highland Ranch, Chris & Christy Laye, Richland, MO

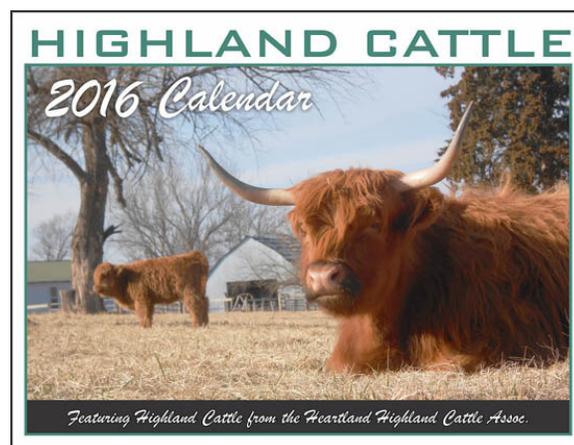
**August:** Cheek Farm, Gary & Cindy Cheek, Fair Grove, MO

**September:** Little Farm, Ron & Pam Little, Williamsville, MO

**October:** Darrell & Amy Hedges, Sadler, TX

**November:** Cholly Farm, Chad & Holly Buckwalter, Walnut Shade, MO

**December:** Cedar Creek Farm, Roger & Tracee Riley, Preston, MO



There were 25 members who submitted Highland pictures to the 2016 Calendar Contest.

For those of you who didn't win a photo on a month, your photos were placed on the calendar in areas on the months where there was room. Also many photos were used on the Highland notepads produced for sale. So your pictures have been used and you might be surprised what month or notepad you find them on. Thank you all for submitting photos for this wonderful fundraiser for the association.

### Lice from page 3

Mangy cattle have small, crusty lesions that can become heavily scabbed over. Lesions can spread without treatment. Other symptoms include excessive rubbing and licking, as well as dehydration, weight loss, hypothermia from severe hair loss and reduced milk production. Mange can be fatal in and of itself, because of overall deterioration of the animal's health.

When an infected animal is discovered, remove it from the herd. Quarantine new animals and keep them under observation for a few weeks.

The treatment is similar for various types of mange, so discuss the options with your veterinarian. Pour-on medications usually take effect faster than injections. Injections, however, are used in severe mange cases where the infection is deep under the skin. Discuss the treatment options with your veterinarian.

### Cattle Lice

Lice are tiny insects that move over the body of the cow causing severe itching.

Biting lice eat dead skin and scabs, while chewing lice feed on hair, scabs and skin excretions. Sucking lice suck blood and serum. Sucking lice do the most damage by draining the animal's energy, stunting growth and cutting weight gain.

As cattle scratch for relief, they can rub off large patches of fur causing raw, bleeding areas. Lice

infestations weaken the animal, hinder appetite and normal feeding, and restrain growth rate. Overall, lice reduce the animal's ability to fight disease.

Lice cause the cattle industry considerable financial losses, because of the negative impact on the animals' health.

### Lice symptoms and treatment

Lice are spread by direct contact between infected cattle. Those with the condition have a rough, shaggy appearance. They rub and lick excessively. Bald areas appear on the face, neck, back, shoulders and the base of the tail.

Examine the cattle every few weeks and before applying control measures. Part the animal's hair where lice are most likely to be found and look for lice or for eggs attached to the hair. Determine what type of lice has infected your cattle, as some treatments are more effective on one type than another.

Insecticides are used to treat cattle lice. Apply them using a pour-on approach, injections, back rubbers, dust bags or sprayers. However, insecticide sprays don't kill the eggs, so a follow-up treatment about two weeks later is usually recommended.

Whichever method or product is chosen, follow dosing instructions. Treat all cattle at the same time. Results are best if the animals are in good health.

## Welcome New HHCA Board Members and Officers

We want to welcome our new HHCA Officers. **Jerry Delcour**, Hairy Cow Farm from Crane, MO is the new HHCA President and **Blake Coble**, Coble Highland Ranch from Henryetta, OK is the HHCA Vice-President.

Three new HHCA Board members elected were **Harold Ramey**, High-Land Farm, from Alton, MO; **Keith Bakeman**, Laughing Sun Ranch, from Dadeville, MO and **Clint Deardorff**, Deardorff Highlands, from Yale, IA.

A Sincere "Thank You" to the outgoing President Greg Roberts and two Board members, Glenn Young and Troy Schroeder for their years of service and dedication to the HHCA and especially for their numerous hours of time spent helping with fundraising and promoting the Highland breed. Your dedication is very much appreciated.

## Board of Directors and Officers' Contact Information

### Board of Directors

Year	Name	Location
2016	Christine Batz	Sac City, IA
2017	Steve Stewart	Spokane, MO
2017	Clint Deardorff	Yale, IA
2018	Harold Ramey	Alton, MO
2018	Keith Bakeman	Dadeville, MO

### Officers

**President** Jerry Delcur  
 2387 Lane Branch Road  
 Crane, MO 65633  
 417.369.0505  
[hairycows@centurytel.net](mailto:hairycows@centurytel.net)

**Vice President** Blake Coble  
 13055 New Lake Rd.  
 Henryetta, OK 74437  
 918.652.1411  
[coblehighlandranch@yahoo.com](mailto:coblehighlandranch@yahoo.com)

**Secretary/  
 Treasurer** Gloria Asmussen  
 976 State Hwy 64  
 Tunas, MO 65764  
 417.345.0575  
[heartlandhighlandcattle@gmail.com](mailto:heartlandhighlandcattle@gmail.com)

## Check out the HHCA website!

[www.heartlandhighlandcattleassociation.org](http://www.heartlandhighlandcattleassociation.org)

On the site you will find updated classified ads, membership page of new members, and the Events page with the Calendar of Events and pictures from the events.

This is a great place to get and give information about your farm and Highland cattle.

Use your FREE ad and get exposure and results.

Cut along line

## Renewal or New Membership Application Heartland Highland Cattle Association

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Cell \_\_\_\_\_

E-mail Address \_\_\_\_\_

Please remit \$25.00 yearly (12 month) membership dues to:

Heartland Highland Cattle Association

976 State Hwy. 64

Tunas, MO 65764

If you have any questions, comments or concerns, please contact the Secretary, Gloria Asmussen at 417.345.0575

## Spring Calving Season

By Dr. Mike Bloss, DVM

Spring calving season is just around the corner. This also means calving problems and the need to intervene and assist in the delivery of the calf. While this may seem a straightforward procedure, many things can make for a more difficult and less successful outcome. Here are several mistakes made before, during and after calving that can lead to problems for the calf and the cow.

**Do not use sawdust or newspaper for bedding your calving area.** Calves can inhale sawdust, causing lung damage. It can also get into the cow's reproductive tract, causing infection. Newspaper sticks like glue to a wet newborn calf. Use straw bedding for the best environment.

**Avoid moving cows/heifers multiple times when they are in labor.** Research has shown that labor time can be increased as much as 9-16 hours by moving during Stage 2 labor (the water bag ins showing). Now I know that sometimes moving during Stage 2 labor is unavoidable; give the cow or heifer some time to get accustomed to her new surroundings so that labor can resume.

**Do not rupture the water bag.** Contrary to some popular beliefs, rupturing the water bag does not speed up calving. Rupturing the sac can decrease uterine contractions due to decreased internal pressure. The fluid also cushions the calf's head as it enters the birth canal.

**Do not use soap and water as lubrication.** The soap actually breaks down and removes the cow's natural lubricants. Improper lubrication can lead to increased uterine and vaginal wall trauma during birth, and make pulling more difficult. Use commercially available lubricant when assisting with labor and delivery. These are available from your veterinarian or animal health supplier.

**When pulling a calf, try to pull only when the cow pushes.** Do not pull constantly. When the cow relaxes, maintain your position; this will also stimulate cervical and vaginal dilation.

**When pulling a calf in a normal head first position, stop pulling when the last rib is delivered.** This allows several things to happen. First, blood from the placenta can be transferred to the calf before the umbilical cord breaks. Second, mucus can drain from the nasal passages and the throat, often allowing the calf to take a breath. Thirdly, you can now rotate the hips of the calf approximately 45 degrees to facilitate extraction of the remaining part of the calf.

**Do not hang a calf upside down or swing it to remove fluid.** I have been guilty of this myself in the past, but it does not remove fluids from the lungs; instead, it allows the abdominal organs to compress the lungs, making it difficult for the calf to breathe. It is better to place the calf in a sitting position on its chest, allowing both lungs to expand. Take a clean piece of straw and gently scratch the nasal passage can stimulate a cough to expel mucus. Respirators are available to expand the lungs; make sure you are trained by a veterinarian before using such a too. Following these pieces of advice can lead to more live calves that are less stressed immediately after delivery, and decreasing postpartum disease issues with your cows. Once again, good luck delivering those calves.

**List of Supplies and Equipment for Calving Time**  
Calving time is just around the corner, or maybe it's begun already. Do you have your supplies ready? These lists will help you make sure you're prepared:

### Supplies and Equipment for Assisting Deliveries:

Bucket (stainless steel or heavy plastic/rubber) for water + disinfectant

Source of warm water

Old plastic cup from the convenience store – use it to dip water from the bucket to clean up the cow

Disinfectant, preferably cow-friendly (Nolvasan, iodine-based, etc. – get what your vet uses)

- Antiseptic soap (surgical scrub like Nolvasan scrub, betadine – get what your vet uses)
- OB sleeves
- OB lubricant – get what your vet uses, and have a lot on hand
- OB chains – better than straps or ropes for cleanliness. One long one with loops on each end works best
- OB handles
- Calf puller in good repair
- Head snare
- Bristle brush – for cleaning up equipment afterwards

### Supplies and Equipment for Getting the Calf Up and Going:

- Old towels -- for cleanup and for rubbing calf after delivery
- Disinfectant for navel (iodine, etc. – on recommendation from vet)
- New syringes & needles for medication
- Tubing bag/esophageal feeder – one that can

Please see *Calving* on page 7

*Calving from page 7*

- be thoroughly cleaned between calves
- Colostrum replacer (not colostrum supplement -- for emergencies when the real stuff is not available)
- Smaller gallon bucket for collecting colostrum or mixing colostrum/milk replacer powder – thoroughly clean after use.
- Wire whisk – makes mixing powder easy; thoroughly clean after use.

**Supplies and Equipment for Treating Baby Calves:**

- Bottles/nipples or tubing bag/esophageal feeder – thoroughly clean after each use
- Milk replacer
- Syringes/needles for medication
- Medications/preventatives as outlined by your veterinarian (such as antitoxins, antibiotics,

vitamin injections, etc.)

- Electrolyte powder for scouring calves
- Smaller gallon bucket for mixing milk replacer/electrolyte – clean after each use
- Wire whisk
- Ear tags, applicators and markers
- Elastrator bands
- Butane refills for portable dehorners

MANY OF US RAISING HIGHLANDS HAVEN'T HAD TO USE SOME OF THIS EQUIPMENT LISTED, BUT IT GIVES YOU AN IDEA OF WHAT CAN BE NEEDED DURING CALVING TIME

## HHCA Annual Meeting

**What a Great ANNUAL MEETING!** If you were not able to attend the HHCA annual meeting gathering this year on March 7<sup>th</sup>, you really did miss a great time. The largest group to attend this year, 85 members and friends, all that visiting with ole' friends, networking, selling Highlands and showing off their pictures of all the Highlands, what a great time.

There were three good speakers and hopefully everyone went away with some new information they learned from them.

The noon reception luncheon was attended and enjoyed by all as there were many different Highland beef dishes served. Seemed everyone had their plates full. Thank you to all of you who brought your special Highland beef recipe to share with the members.

Congratulations to Dr. Alan Cameron and wife Sharon, as recipient of the Lee Wolfgang Promotional and Educational Award. Also congratulations to the two \$250 Scholarship winners. Elizabeth Shiever, a

Junior at Northwest OK State University, Alva, OK and she is the daughter of member Ed & Charlotte Shiever of Newkirk, OK. The other \$250 Scholarship winner was Abbi Collins, a Senior High School student who will be attending Kansas State University, daughter of member Cameron Collins of Riley, KS.

I want to give a SINCERE THANK YOU to all those who helped with the gathering. It would have never run so smoothly without all your help. Thanks to the people manning the registration table, Jann Ramey, Tracee Riley, Dave Embury, Randy Batz, and the ladies who set up the lunch and the merchandise tables, Kathleen Collins, Theresa Thompson, Donna Scritchfield, Janet Melton and Sybil Roberts. I am sure I have missed others who helped out, so please pat yourself on the back and I say Thank you. As the membership grows, it is so rewarding to see so many helping. You are truly appreciated.



## Sweet and Spicy Meatballs Recipe from the Kitchen of Janet Melton

Prep Time: 30mins/45mins freezer

Cook Time: 25mins

Ready In:

Yields: 45 servings

### INGREDIENTS:

One pound extra lean ground beef ( we use Highland beef)

1 cup brown sugar

2 heaping teaspoons onion powder

1 teaspoon ground red pepper

1 teaspoon ground coriander

### DIRECTIONS:

Mix ingredients listed well. Shape meat mixture into meatballs of desired size. (Approx. 1/2-3/4 inch is what we like)

Place balls on plate single layer. Then place plate in the freezer for 45 mins to firm shape.

Then they are ready to cook in large skillet. If you have really lean meat you want to start with a few drops of olive oil in the pan, but not much.

Cook on medium/low heat turning frequently to brown on all sides. Once totally brown, turn to low heat, place lid on skillet, finish time remaining.

Drain on paper towel.

Serve as they are. Taste the sweet then feel the heat.

### FOOTNOTES:

Pick a nice serving dish to serve in. Something bright ,stoneware to hold heat, keeps meat warmer. Time depends on how fast you are at making meatballs!

## Grass Tetany

Grass tetany is a serious, often fatal metabolic disorder characterized by low levels of magnesium in the blood serum of cattle. It is also called grass staggers and wheat pasture poisoning. It primarily affects older cows nursing calves less than two months old, but it may also occur in young or dry cows and growing calves. It happens most frequently when cattle are grazing succulent, immature grass and often affects the best cows in the herd.

High nitrogen fertilization reduces magnesium availability, especially on soils high in potassium or aluminum. Grass tetany occurs most frequently in the spring, often following a cool period (temperatures between 45 and 60°F) when grass is growing rapidly, but also is seen in the fall with new growth of cool season grass or wheat pastures.

Typical signs of grass tetany begin with an uncoordinated gait and terminate with convulsions,

coma, and death. Animals on pasture are often found dead without illness having been observed. Evidence of thrashing will usually be apparent around the cow if grass tetany is the cause of death.

The prevention of grass tetany depends largely on avoiding conditions that cause it. Graze less susceptible animals on high risk pastures. Steers, heifers, dry cows, and cows with calves over 4 months old are less likely to develop tetany. The use of dolomite or high Mg limestone on pastures and including legumes in pasture mixes will decrease the incidence of tetany in grazing cattle. In areas where tetany frequently occurs, feed cows supplemental magnesium. Supplementation increases blood magnesium levels and alleviates much of the grass tetany problem. Adequate amounts of magnesium must be consumed on a daily basis.

## HHCA Classifieds

CHECK OUT ALL THE ADS ON THE HHCA WEBSITE AT [www.heartlandhighlandcattleassociation.org](http://www.heartlandhighlandcattleassociation.org)

Use your FREE membership ad on the website classified section and in the newsletter, your ad will pay off.

There are always SOLD signs being placed on ads.

**Please note: only ads with livestock for sale are listed on this page. To see farm site ads, please go to the website as noted above.**

### Alabama:

Glenn Brook Acre's Waldo Highland bull & other Highlands cows/heifers

Black Watch bloodlines

[info@gb3highlandcattle.com](mailto:info@gb3highlandcattle.com)

205.432.9531

2 yr. old unreg. Highland brindle bull, docile, from reg dam & sire. Email

[jsalvago@att.net](mailto:jsalvago@att.net)

205.425.3636 or 215.281.4406

Bessmer, AL

### Colorado:

White unreg. Highland bull dob 6-2013, good conformation, like to be brushed

11/2 hr NW of Denver; 970.531.1550

[jlanson@rkymtnhi.com](mailto:jlanson@rkymtnhi.com)

### Illinois:

18 mo. old Highland bull, good

bloodlines Virgil Gordon, Orangeville, IL

815.266.1827 [vgord48@aol.com](mailto:vgord48@aol.com)

### Kansas:

Reg. Highland breeding bll, Cameron-Collins, Riley, KS 785.585.2041

[camisaboiler@yahoo.com](mailto:camisaboiler@yahoo.com)

### Missouri:

Unreg. white Highland bull and Cheek's Sunset Spanky, can be reg. Cheek's

Farm Fair Grove, MO

417.818.2255

[gary@williamsconst.com](mailto:gary@williamsconst.com)

Cedar Creek Cedric dob 3.19.14 red

Highland yearling, halter trained, can be registered ; Preston, MO

417.722.1222

[traceelriley@yahoo.com](mailto:traceelriley@yahoo.com)

18 month unregistered red heifer,

Bryant View Highlands, Ava, MO

417.683.2122 [bryantview@centurytel.net](mailto:bryantview@centurytel.net)

Yearling Highland steer, Hardin, MO

816.332.2098 cell, 660.484.3771

[morun22@hotmail.com](mailto:morun22@hotmail.com)

### Oklahoma:

Unreg. White yearling bull, Prague, OK 405.567.9300

[Melissa.nichols122@yahoo.com](mailto:Melissa.nichols122@yahoo.com)

Reg. weanling heifers and bulls, Red

Rock, OK 585.723.4304, Kristi Andrews

[viviankandrews@gmail.com](mailto:viviankandrews@gmail.com)

Four unregistered Highland heifers for sale, Westpoint, TN 901.491.0183

[topoftheworldfarm@gmail.com](mailto:topoftheworldfarm@gmail.com)

## New Sale Items!

If you weren't able to attend the Annual Meeting, you don't have to miss out on THESE new (and popular) HHCA items:



**Heartland Highland Cattle  
Association**

976 State Hwy 64  
Tunas, MO 65764

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**Hairy cows are the way  
to go!**

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*We're on the Web!*

*Visit us at:*

[www.heartlandhighlandcattleassociation.org](http://www.heartlandhighlandcattleassociation.org)

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Heartland Highland Cattle Assn.

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Tunas, MO 65764



**Customer Name**  
**Street Address**  
**City, ST ZIP Code**