

The Katahdin Hairald

Quarterly Newsletter of Katahdin Hair Sheep International



Volume 26, No. 3

www.katahdins.org

Fall 2014



Welcome New Members

**April 15 - July 15,
2014**

New Youth Memberships

Konnor Porter of His Holler..... Sevierville, AL
Edward Drew Maddox of Morris Plantation Deleon Springs, FL
Sarah Rae Morris of Morris Plantation Deleon Springs, FL
Rachel Carrie Morris of Morris Plantation..... Deleon Springs, FL
Shaylen Cowger of Cowger Farm Farina, IL
Rhett L Hancock of Hancock Farms..... Noble, IL
Billie Riviega Chrisney, IN
Haley Johnson of IHI Farms..... Slater, IA
Hadley Moore of River View Farm..... Old Town, ME
Tara Lillehaugen of Lillehaugen Farms..... Brocket, ND
Christina Rodrigues of Andulusia Farms Damascus, OR
Karen L Dice of KD Sheep Somerset, PA
Karissa Rogers of Seven Peaks Farm Newport, TN
Grace Dunn of Liberty Farms Delaplane, VA
Hannah N Hass of Mountain Laurel Farm North Tazewell, VA
Tristan N Hass of Mountain Laurel Farms North Tazewell, VA
Diana & Estrellita Sanchez of Windermere Farm... Lovettsville, VA
Kyliah & Lilah Coleman of Sustainable Earth Farm.... Olympia, WA
Kaitlyn Olsen Woodinville, WA
Rashann Olson..... Woodinville, WA
Alexis Jones of Jones Sheep Farms Lewisburg, WV
Benjamin Fell of Abiding Acres Farm..... Delavan, WI

New Adult Memberships

Daniel & Lauren Fagerman of Fagerman Farms..... Hartselle, AL
Robert Or Carol Keller Gulf Shores, AL
Howard or Shirley Massey..... Russellville, AL
Blake Mears of BK Katahdins..... Grant, AL
Alex & Jeanie Baker of Baker's Acres Ranch..... Yellville, AR
David & Nina Baker of Pisgah Conway, AR
Pocahontas Agriculture Department, Pocahontas FFA Farm.....
..... Pocahontas, AR
Terry A Hall of Hall Ranches..... Bakersfield, CA
Michael & Jan Lofton of Diamond L..... Pueblo, CO
Leslie M Smay of Southern Cross Farm..... Kane, IL

John Stroub of Lazy S Ranch..... Murphysboro, IL
Jeff, Jule & Morgan Munzey of Triple "M" Ranch Lafayette, IN
Loren L Siebke of Prairie Grass Lamb Grand Mound, IA
Helen Oldenettel of Myhoma Farm..... Haven, KS
Mark Finrock of WiggyFinney Farm..... Richmond, KY
Richard Popham of Circle P Farms Brandenburg, KY
Zachary Poynter of Zachary Poynter Farm Mt. Vernon, KY
Randy P Melancon of Oak Line Ranch New Iberia, LA
RJ & Riley Schexnayder of RJS Farms..... Crowley, LA
Attn: Meg Anderson Unity College of Unity College Livestock Barn
..... Unity, ME
Will & Lisa Dorsey of Will and Lisa Dorsey..... Port Republic, MD
Roy D Squires of Mulheron Farm Manjemoy, MD
Aaron Fintel of Open Skies Farms Alliance, NE
Daniel Fix of Cor Mariae Farms, LLC Firth, NE
Carolyn Sandall of Sandallwood Farm York, NE
James & Ursula Reynolds of Five on the Hand Ranch ... Reno, NV
Jim & Georganna Reynolds of Reynolds Ranch Inc Reno, NV
Michelle M Degree of MMD Inc Sullivan, NH
Ellen C Drew of Drew Hill Farm..... Wolfeboro, NH
Lynn & Jimmie Bingle of L & J Farm..... Stantonsburg, NC
Christine LaRoche of CopperTop Farm Mount Gilead, OH
Mike & Leslie Nelsh of Riviera..... Cable, OH
Louis J Degregorio of LM1R..... Redmond, OR
Beverly Sieminski of Winding River Farm Lorane, OR
John Childress of Blessed Assurance Farm..... Red Lion, PA
Rodney Cooper of Big Oaks Farm Whitwell, TN
Keith & Tania Porter of His Holler Sevierville, TN
Tommy Wilkins of Willow Ridge Farms..... Franklin, TN
Bang Nguyen of HBN Cypress, TX
Amanda Fletcher of Beyond Blessed Farm..... Abingdon, VA
Jerry & Martha Hensley of White Rock Farm
..... Pennington Gap, VA
Sue & Joe Huff of Hargis Farm..... Lebanon, VA
Gretchen Saunders Roy, WA
Deborah Nosse of Fleece A Flying, LLC..... Bridgeport, WV

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Advertising

Display Ad Rates ★: Contact Operations for current rates and spec sheet. 479-444-8441, info@katahdins.org

Classifieds - Classified sale ads for Katahdin or Katahdin-cross sheep are free to all KHSI members in the Katahdin Hairald and at the KHSI website. For the Hairald, limit length to 40 words.

Ad commitment for Winter 2014 Hairald due October 9th, 2014.

★rates for display advertising are subject to change upon approval of the Board of Directors.

Ad design available from:

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www.xpressionsonline.us



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Cover: "October in the Pacific Northwest", 2013 KHSI Photo Contest – Scenic Category, Karen Kenagy, Oregon
Karen says this is our fall flushing pasture. In early fall after dry summers (as in the photo), the clovers dominate the pasture forage. It is a locally produced pasture mix in which we add 5% Med Red Clover and 5% Haiti White Clover. The locally produced grass mix includes: Cowgirl Fescue 30%, Elsie Orchardgrass 19%, Spring Green Festulolium 15%, Meadow Green Festulolium 15%, TetraGain tetraploid Perennial Ryegrass 12%, Big Blue Kentucky Bluegrass 4.6%, Giant Redtop Bentgrass 2.5%

Pictured Above: "Green, Green Grass of Home", 1st Place 2013 KHSI Photo Contest – Best Promotion-Ewes, Sheila Allen, KY

Directors Corner

Greetings KHSI Members

Lee Wright, KHSI President

Most likely you will be receiving this issue just before or just after our annual KHSI Expo and Sale in Hastings, Nebraska. I'm writing this just before the Expo, so it reflects my thoughts ahead of the Expo and other upcoming events. This will be the 10th annual Expo that KHSI has hosted, and if the wheels don't fall off before I get there, the 8th that I've been able to attend. Each year this event never ceases to amaze me with the outstanding programs we have access to all across the country.

This year's event promises to be an excellent venue for cutting edge research, and educational opportunities at the USDA Meat Animal Research Center. So I hope you all take this opportunity to come out, catch up

with old friends, make new ones, and have a chance to purchase some great breeding stock at the sale. I know I look forward to meeting and talking with many of you!

I think we're all looking forward to hearing the presentation on Sheep Genomics, by Noelle Cockett, a newer topic for our Expo. I'm also looking forward to the latest from Dr. Kreg Leymaster on maternal performance of Katahdins in his research, and Dr. Mike Heaton on the latest breakthroughs with Ovine Progressive Pneumonia. I'm also ready to get a refresher on Structural Soundness by long time Katahdin friend, Dr. Bert Moore. This will be a unique opportunity for our entire membership! Check out the Expo info at katahdins.org or on the back cover of the Summer Issue if this issue reaches you before the meeting. Better yet, just hit the highway and come see for yourself.

Please don't forget to give KHSI Operations (aka: Jim & Teresa), Wes Limesand, Expo Committee Chair, and Dr Kreg Leymaster and other staff at USDA-MARC a huge pat on the back for all their time and efforts in planning and organization of this

event. We couldn't do it without the people willing to take on the responsibilities of these tasks. And this is a great time to encourage everyone to please become involved in promoting Katahdins, not only for your own farms, but join a committee and help out. The more we work together, the more productive our organization can be!!

Summer isn't the end of the opportunities to travel to sheep activities. There are plenty of events this fall including more sales and shows. Be sure to look for the ads or articles for: The Big E, NAILE, the VA Tech Ram Test, and the Midwest Hair Sheep Sale in Indiana in this issue, and check the calendar for details.

I'll also take this opportunity to say: I thank the KHSI members for their support of me as a Board member and as President. But should I not get the opportunity to serve another term, it has been an honor and a privilege to serve this great organization, and to see the wonderful success of this great breed over the past several years! Thank you for putting your faith in me and the KHSI Board for the time I have served.



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Capitalizing on Sheep Efficiencies for Profit

Jim Morgan, PhD Arkansas

Author's Note: The points in this article work for the majority of management systems. The article would need to be written differently for certain operations, especially for extremes: a) extreme environments (e.g. land that can support only 1 or less ewes for 2-5 acres, b) extreme animals (extremely large females (1400 pound plus cows and 225 pound plus ewes)

All livestock species have their particular specializations where they excel and are efficient. To make a profit, we as livestock producers can take advantage of those efficiencies (Table 1). Compared to cattle, sheep offer up to three specific advantages and in some operations, even four. First, if a mature ewe weans twins or triplets, they can easily produce more pounds of meat/acre or per pound of foodstuff than cattle. Second, the ewe only needs to be fed higher levels of quality food for the last trimester of gestation and during the first two months of lactation. The other 8-9 months of the year a mature ewe can be fed at maintenance rations. A third efficiency is that sheep can lamb at 12 months of age whereas cattle need to be two-three years of age. A fourth efficiency that sheep share with goats is that both of them will consume more weeds as well as the grass and can convert the weeds to meat.

will only have a marketable calf that is around 60% of her weight. Weaning 100% of the weight of the momma is a considerable advantage for sheep. A marketable triplet (if it can be raised without lots of extra labor and fits your system) really impacts efficiencies.

If a ewe weans a single in a year, she is less efficient than a cow (there are exceptions when the feed options greatly reward sheep over cattle). As Maryland extension agent, Susan Schoenian wrote on a poster, "If you want singles, raise cattle". Momma cows with their larger body size (800-1300 pounds) have lower maintenance requirements needed to maintain body weight. Plus the average beef cow has a very productive lifespan lasting for 12 years, and in some cases 15-20 years of age. If a ewe is not weaning twins, she should be considered less efficient than a cow.

What should a producer do to identify and track this efficiency? The dam production record is a key approach. Keep daughters out of mature ewes that always wean twins. Buy rams whose dams always wean twins. In terms of meat production in Katahdins,

Exceptions to the twinning rule. Note that yearlings often single even though they go on to twin or triple the rest of their life. Ewes are less prolific when they are lambing aseasonally. It is much more common for a ewe to single from July-November.

Table 2. Dam Production Records

Ewe 1	Ewe 2	Ewe 3	Ewe 4	Ewe 5
1/1,2/1, 1/1,3/3	1/1,2/2, 2/2,2/2	1/1,2/2, 2/1,2/1	2/2,3/2, 3/3,3/2	2/2,3/3, 3/3,3/3
How to read the records. The first number of each pair is the number born and the second is the number weaned for that year. Ewe #1 singled and raised a single her first year. Her second year she twinned but raised a single and so forth.				

A shepherd needs to look at the dam production record over the course of 3-4 years and compare it to other ewes in that same flock (Table 2). It is the ewe that consistently weans twins or triplets that is more likely to pass this on to her offspring. Ewe #2 excels at twinning and raising twins. Ewe #5 does an excellent job of weaning triplets and may work for some management systems but not for all. The rest of the ewes are less consistent at having multiple births and raising all of her lambs. However number of lambs does not tell the whole story. A shepherd needs to look at the quality of lambs. Having one or two lambs out of a twin or triplet litter that are 20 pounds lighter than what you need at weaning is typically not acceptable. The second method, which is more accurate, is to use the EBV (estimated breeding values) provided by the National Sheep Improvement Program (or Genovis in Canada) to identify rams and ewes with the weaning you need (I'll cover that in a future article).

EFFICIENCY ADVANTAGE 2

- MAINTENANCE RATIONS FOR 8 MONTHS OF THE YEAR

Sheep have a gestation period of 150 days and meat sheep have a peak lactation period of 60 days. Cattle have a gestation length of 9 months and the standard beef weaning is around 205 days (7 months). A momma cow needs to be fed at above maintenance rations for much of the year.

Table 1. Practices that can Decrease Efficiency of Sheep and Profit

Practice	Result	Lost Advantage
Leaving the Ram in Year Round	1. Decreases # of multiple births, especially during summer breeding season 2. Long lambing season	See Efficiency Advantage #1 See Efficiency Advantage #2
Long Lambing Season (> 35-45 days)	Decreased feeding efficiency of ewe	See Efficiency Advantage #2
Late weaning of lambs	Decreased feeding efficiency of ewe	See Efficiency Advantage #2

EFFICIENCY ADVANTAGE 1 - MEAT PRODUCED/YEAR PER MOMMA - MULTIPLE BIRTHS

If a ewe weans twins, the shepherd can market the weight of the ewe each year. To keep sheep more efficient than cattle, the flock has to wean close to 200%. In general, a momma cow

choose rams from ewes that wean twins. There are two methods that producers can use to select ewes that wean good numbers of live lambs. The first method is illustrated in table 1 and all producers who keep records can access and provide this information. It is a key profit trait in sheep production.

CONTINUED ON PAGE 4

To capture the second efficiency advantage of sheep, the shepherd needs to be able to group their ewes and lambs that are at similar stages of their production cycle. To be efficient, a ewe with no lambs and not in late gestation needs to be fed around half the ration of that same ewe with 30 day old lambs. Common inefficiencies that most operations can control include: a) flock having lambs over the course of 3-4 months or longer, b) not separating different classes of sheep based on their nutritional needs and c) not regulating feed intake or not decreasing feed levels when a ewe is not lactating or not in the last few weeks of pregnancy, d) weaning later than necessary for nutritional or lamb health and keeping the lambs with the ewes longer than needed. If a flock is large enough and has the facilities, then it pays to separate a) gestating ewe lambs from gestating ewes and b) ewes based on the number of lambs being raised.

In Table 3, a ewe on maintenance needs less than half the amount of quality feed that a ewe nursing twins does. If you have all your ewes together and they are lambing over the

course of several months, your feed costs can be double for ewes that should be on maintenance rations. ewes.

Weaning at a time appropriate for your management system can also improve feed efficiency. The sooner the ewe can be put on maintenance rations or maintenance forage the cheaper the feed bill is. The shepherd needs to know his/her nutrition program to prevent train wrecks. Weaning too soon can result in stunting of lambs or lamb death. Improper management of ewes during the initial post-weaning period can result in significant mastitis. In general, if the ewe and lamb diet is a nutrient-dense and quality feed such as a quality grain and hay ration to the ewes, it is more efficient to wean lambs close to 60 days of age. At the other extreme—a low quality hay or low quality pasture for the lambs—weaning may need to be closer to 110-120 days of age. High quality forage along with forage-developed rumens in the lambs allows weaning at 75 days of age (in general).

A shepherd needs to be constantly evaluating body condition of their ewes based on the part of the produc-

tion cycle they are in, weather, shelter and feed availability throughout the year. If the ewes are too thin or overweight, then these average targets need to be modified. If the ewes are outside and being pummeled by 1-2 inches of 32-38 degree rain every day for a week, they will probably be losing weight and the simplified rations in table 2 will be less than needed.

ADVANTAGE 3 –

LAMBING AT A YEAR OF AGE.

Not all sheep management systems can take advantage of lambing at a year of age. Each shepherd needs to evaluate their system. If the shepherd has the resources, facilities and a little more management time, it can pay to breed that ewe lamb. Pregnant ewe lambs need more feed (Table 3) as a percent of body weight and if a shepherd manages them with mature ewes, either the ewe lambs are underfed or your mature ewes are overfed or somewhere in between. Shepherds can also evaluate their feed supply. If winter forage or hay is below average, this may be the year to sell all the ewe lambs or put them in a low input pen and not breed them.

ADVANTAGE 4 – WEEDS IN YOUR

PASTURES AND BEST PASTURE MANAGEMENT

Sheep diet preferences include more non-grass species than cattle. Many cattle producers mow or use herbicides to control weeds that sheep would convert to meat. Many of these weeds are 20-25% crude protein and thus a good resource. Research has found that in most systems one ewe can be added per cow without changing the stocking density of the cattle. This is due to the slightly different diet preferences. The most efficient forage grazing systems typically have both cattle and sheep. An excellent pasture manager/grazing specialist in most years can maintain a pasture in better quality with sheep alone than with cattle alone, mostly due to the better control of the weeds.

*Sheep Industry Production Handbook, 2002. An excellent printed resource (also includes a CD) which is available from the American Sheep Industry Association at <http://www.sheepusa.org/sheep-production-handbook> or by calling (303) 771-3500.

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Table 3. Simplified Table of Nutrient Requirements of Sheep – Dry Matter Intake

Stage of Production	% of Body Weight in Ewes	% of Body Weight in Ewe Lambs
Post-weaning Replacement Ewe Lambs		2.1 – 3.9%
Maintenance	1.6 – 2.0 %	
1 st 15 wks of gestation	1.8 – 2.4%	2.4 – 3.5%
Last 4 wks of gestation (130-150% lamb crop)	2.2 - 3.0%	2.6 - 3.8%
Last 4 wks of gestation (180-225% lamb crop)	2.3 – 3.4%	
1 st 6 – 8 wks of lactation (single)	3.0 – 4.0%	3.6 – 4.2%
1 st 6 – 8 wks of lactation (twin)	3.5 – 4.8%	3.9 – 5.2%
The table is simplified and is to be used for “relative” comparison between different stages of production. It does not account for differences in TDN or CP of hay, grain or forage.		
Ranges in % are due to weight of ewes. Lighter ewes have higher nutrient needs on a percentage of body weight. A shepherd should weigh their ewes and calculate amount needed from more complete tables.		
Note, if ewes are in poor body condition; % BW needs to be adjusted upwards. If ewes are over condition (too fat), they can be fed a lower rate (note that fluctuations in feed intake during the last 4 weeks of gestation need to be done with care).		
Values taken from the SID Sheep Production Handbook 2002*. These values are based on the 1985 NRC standards.		

Summary Table

Our Common Choices Affecting Efficiency of Sheep Meat Production

Sheep Advantage 1: Pounds of meat produced per momma per year

	Efficiency Improvement	Efficiency Decrease
Dam Production Record	Emphasize dam production records to select ewes and sires (number born/weaned) and then adding optimal growth and muscling	Concentrating primarily on size, growth and/or muscling and ignoring number of lambs raised
Conformation	Using acceptable structural correctness and selecting on key production records	Conformation - only selection typically rewards big singles. Over time, a selection system driven mostly by conformation and not including dam production records will decrease number born and raised.
EBVs (estimated breeding values)	Lbs of quality lamb weaned/year which is driven mostly by twins or triplets that grow adequately for your market	Selecting primarily on post-weaning growth and muscling

Sheep Advantage 2: Maintenance rations for 8 months of the year


	Efficiency Improvement	Efficiency Decrease
Lambing season	Tight lambing season - 14-35 days	Long lambing season (greater than 45 days with all ewes fed together Note: if a small percentage of ewes lamb late, this is not necessarily a big issue
Multiple Lambing Seasons per Year	Tight lambing seasons - 14-35 days	Longer lambing seasons with all ewes fed together for whole period
Weaning	Weaning time optimized for nutritional and management system.	Weaning time not optimized. E.g. Keeping lambs with ewes longer than necessary.

Weaning Note: If management system includes significant creep feed and grain/high quality hay to lactating ewes, then weaning lambs close to 60 days and putting ewes on maintenance rations saves feed dollars. If ewes and lambs are on forage/hay alone, weaning is usually best done at 75-110 days based on quantity and quality.

LANDRETH FARM KATAHDINS

SPL

Congratulations to Shaylen Cowger of Farina, IL and Rhett Hancock of Noble, IL on your successes in the Leroy Boyd Memorial Jr. Show held June 23, 2014 in Sedalia, MO



Thank You to all our buyers, bidders, and visitors in Sedalia!

**2014 Ewe Lambs by
DOC P319, HLB 201,
& LU 07-022**




DOC P319

For Sale at the Farm: Ewe Lambs, Brood Ewes (exposed for fall lambs), a few select Ram Lambs

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Steve Landreth

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HLB 201

Retirement Hobby Becomes Successful and Enjoyable Business

*Carolyn Drinkard,
Thomasville, Alabama*

Editor's Note: A version of this article was previously published in June 2014, in the Alabama Cooperative Farming News, Volume 42:#10.

If you drive along Highway 9 in the small community of Sandflat, south of Thomasville, Alabama, you may have to look twice to believe what you see! Grazing on both sides of Sandflat Road are herds of white sheep. Profiled against the green fields are groups of Katahdin sheep and a white Pyrenees dog keeping vigil on the flock. The pastoral scene is found on Oak Lane Farm, owned and operated by Alton and Carolyn Drinkard.

What's so unusual about seeing sheep in Sandflat? In Southwest Alabama, namely Clarke County, there are very few sheep herds. Also, these are Katahdins, a relatively new American breed of hair sheep, developed in the 1950's-1970's and named after Mt. Katahdin in Maine. Katahdins are a composite breed developed from hair sheep, imported from the Caribbean,

and several wool breeds including Suffolk sheep, which were imported from Great Britain.

The Drinkards originally raised Boer goats but were attracted to Katahdins in 2005 because of the breed's gentle nature and ease of handling. In addition, Katahdins are known to have fewer parasite and foot problems.

Drinkard and four of his friends, who also raise Katahdins in the Sandflat area, have joined together to form their own "mini-cooperative", working together to help each other. They breed their ewes to lamb at times of high market demand. Then they network and market their products to get the best prices. Florida wholesale companies buy most of the lambs, but some individuals buy the sheep for their personal consumption. In addition, buyers purchase ewes for new herds. If a buyer is seeking a special product, each owner contacts the others to supply the need.

The owners also share feeding tips, especially the best values on grain and forage. The sheep are grass-grazed as much as possible, because many con-

sumers say that the grass-fed meat has a milder flavor. The warmer climate in southwest Alabama allows grass production nine to ten months out of the year; however, the owners do plant rye and clover for winter grazing and supplement their feeding programs with high quality hay.

The Drinkards choose to grain-feed their Katahdins before and during lactation. To help with finding the proper grain combination, the owners contacted Jimmy Hughes, a nutritionist who works for the Alabama Farmers Cooperative. Hughes formulated a feed that they now use for the sheep. The feed is made to Hughes' specifications and shipped to the Co-Op in Faunsdale, Alabama, about 45 minutes from their homes. Because of the distance, the owners take turns bringing feed for the others.

In the Drinkard's system, Katahdin ewes are wormed a few weeks before breeding and then within 24 hours after lambing. Usually Katahdin mothers have few problems birth-

CONTINUED ON PAGE 7

DAVID & JANE SMITH KATAHDINS



SCD 2618
3rd Highest Selling Ram at
2014 Midwest Stud Ram Sale

***Thank you to all our buyers
at the sales and off the
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ing, but occasionally a problem may arise. Ewes usually birth two or three lambs. Interestingly, the breeders have noticed a pattern among their lambs: if their farms show a higher percentage of rams one year, they will have a larger percentage of ewes the next year.

Drinkard raises both registered and commercial sheep, running a flock of 25 ewes and 46 offspring. He also houses 2 registered rams. This year, he decided to experiment with cross breeding five of his young ewes with a Barbados ram that he purchased in Louisiana. (Barbados are a hair sheep breed introduced to the US in the early 1900s.) The offspring are showing the docile natures of their Katahdin mothers, while sporting the vivid coloring of their Barbados father. "People are amazed at the coloring of these young lambs in the midst of the other white lambs. A lot of people stop on the roadside and take pictures of them," said Drinkard.

The Drinkards have two grandchildren, Mary Madeline and Evans, who

live in Rome, Georgia. The grandchildren enjoy coming to the farm to help with all the animals. In fact, Evans has been helping to feed the herd since he was two. Mary Madeline comes up with most of the unusual names



Alton Drinkard with his flock and guardian dog pup

for the many animals that live on Oak Lane Farm. Both children adore the big Pyrenees dog named PupPup, who watches over the sheep. During the ice storm in January, PupPup saved two lambs whose mother had

abandoned them. For some reason, the mother took one of her lambs to the barn and left the other two, stranded near the pond. A neighbor reported seeing the dog using her nose to push the newborn lambs up the hill to shelter. Both lambs were saved because of the dog's devotion to her flock.

Drinkard also raises three different breeds of chickens and some guineas. As another sideline, he trains beagles for rabbit hunters. Drinkard started the flock as a hobby, hoping to have something to do after he retired in 2006. He says he stays busy all day, but that's what makes life interesting. He really enjoys his Katahdin flock, however. "They are like pets to me," he laughed. "When I walk into any of my pastures, they come running to me. My favorite time is the lambing season. I get up early every morning to see what's new. You can't beat that!"

For more information on this Katahdin operation, contact Oak Lane Farm at altondrinkard@gmail.com or 334-636-5345.

Carolyn Drinkard is a free-lance writer who lives in the Sandflat Community, south of Thomasville.

Hairald Calendar

KHSI periodically posts information on sheep sales and sheep events as a public service. Posting sale and event information does not imply endorsement or verification of the claims of any sale or event. Sales and events posted are not sanctioned by KHSI unless otherwise noted. Contact the KHSI Operations Office to ask for your event or sale to be posted. 479-444-8441 or info@katahdins.org

****August 15, 2014.** Big E Entry Deadlines. For both the Junior and Open Shows. Can enter after 8/15 but before 8/31 for an increased fee. West Springfield, MA. www.thebigecom/fair/

****September 22, 2014.** Katahdin Open & Junior Show at the Big E. West Springfield, MA. www.thebigecom/fair/

****September 27, 2014.** 3rd Annual SWAREC Pasture Ram Test Sale and Field Day. SWAREC, Glade Spring, VA. Contact Lee Wright, lrte@vt.edu, 276-944-2200. Presentations by V Tech extension and research staff prior to sale. Field Day 1:30, Sale at 5:30

****October 1, 2014.** NAILE Entry Deadlines for both Junior & Open Show. Entries must be postmarked by Oct 01, 2014. www.livestockexpo.org

****November 16, 2014.** Kennedy Family National Katahdin Junior Show at NAILE. Kentucky Exposition Center, Louisville, KY. www.livestockexpo.org

****November 20, 2014.** National Katahdin Open Show at NAILE. 8 AM. Kentucky Exposition Center. Louisville, KY. www.livestockexpo.org

******- Indicates there is an article with more information in this issue of the Hairald.

NOTE: Sale only events are listed in the Sale Roundup Feature elsewhere in this issue.

Sustaining Momentum as a Breed *David S. Redwine, DVM, Virginia*

My parents were born in the 1920's, before television, automobiles, and indoor plumbing. For over fifty years, I listened to their stories (my mother is still living), and tried to imagine the magnitude of change that they witnessed during their lives. Recently at a sheep symposium, as I educated new sheep producers on the history and development of Katahdin sheep as a breed, it occurred to me that I am participating in the evolution of an industry that is no less remarkable than that of my parents' lives.

My sheep production class in 1984 basically introduced me to the major wool breeds, and the traditional production and marketing methods. There was no mention of hair sheep, ethnic markets, or natural disease resistance. The three P's, as I call them, (predators, parasites, and price) left most shepherds with a facial expression that resembled the Great Depression. Even in the early 90's, I remember attending a sheep meeting, where wool producers laughed at the hair sheep folks, treating them as outcasts for considering Katahdins as a meat

breed. I prophesied that day that those who refuse to adapt to change would die alongside their foolish pride.

Since those days, I have watched with amazement as Katahdin meat sheep, powered by their ease of management, efficient performance, and booming popularity, have left some shepherds in their wake on their way to becoming the most popular breed in America. Gone are the days of confusion with goats, discounted market prices, and lack of recognition. We as producers, are to be congratulated for our guidance and promotion during the climb to the top.

Let's take a moment to reflect on how we got here. Why are Katahdins so magnetic? In a moderate environment, they practically train new shepherds. They breed efficiently, deliver a 200 percent lamb crop, claim and raise them, and provide a highly palatable product. They require less labor, feed, and management than other breeds, and fit perfectly into the "small acreage" program of today. By selecting for traits that increase the bottom line, we have developed the "angus cow"

of sheep breeds, the animal that is superior in almost every category.

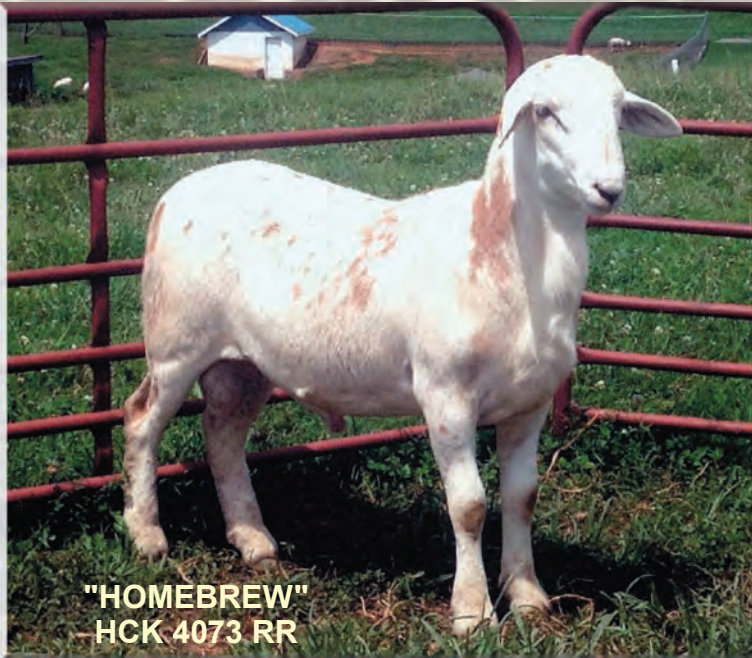
We are smart to remember that as a meat breed, carcass traits and performance in a commercial production system should guide our selection and management. Traits such as bone, muscling, depth of rib, capacity, and length of body should be paramount in our programs. Twinning, maternal characteristics, and parasite tolerance and resistance, and longevity also make our sheep superior to other breeds. Unlike the shepherds of the past century, we are now "market driven", seeking the needs of our customers, and striving to grow exactly what they desire. This may vary from place to place in our country, but we know that Katahdins can adapt and perform in most any system.

One popular debate with breeders is that of the show ring. There is no denying the value of exhibition in spreading the popularity of Katahdins. However, if we continue to lead the industry, the show ring MUST

CONTINUED ON PAGE 10

Hillcrest Katahdins

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*Performance, Eye Appeal,
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Focus on Ewe-th: 2014 Leroy Boyd Memorial Junior Show



Rachel Deornelis, MO receiving Senior Showmanship plaque from Judge Eric Bruns. Also pictured is her Reserve Champion Ewe.



Howard Brown awarding Robin Schapeler (left), MO and Josey Bush (right) MO their trophies from last year for high points at the 2013 Leroy Bush Memorial Youth Show.



Shaylen Cowger, IL receiving the award for Junior Showmanship from Judge Eric Bruns. IL



Gunnar Jessee, VA with Champion Ewe



Gunnar Jessee receiving the Traveling Trophy for high points provided by Catherine Boyd. From left, Susanne Boyd Purvis, Gunnar Jessee. Catherine Boyd and Judge Eric Bruns.



Rhett Hancock, IL showing first place Feb Ewe Lamb with help from a Lincoln University (MO) agricultural student.



Pee Wee Showmanship participants, Cooper Gehring MO; Corbyn Reister, WA (grandchildren of Henry & Becky Shultz, MO).

Several individuals helped with putting this event together. A SPECIAL THANKS to Henry & Becky Shultz for organizing, obtaining the prizes and making sure all was in place. Besides all the parents, we would like to thank Catherine Boyd and family, Jake & Petrea Carlson & Howard Brown. Pictures provided by Petrea Carlson, MO and Bob Shauck, MO.



Champion Ewe Drive. Gunnar Jessee VA (left); Shaylen Cowger IL (center); Rachel Deornelis MO (right).

To be featured in Focus on Ewe-th, send me pictures or a story about your 4H, FFA, or farming accomplishments or your sheep, farm, or herding dogs, whatever! Send to natalie.hodgman12@gmail.com. (Please include your name, age, where you live, what you did and a caption for your picture!)

reflect the type of Katahdin that performs on the farm. Many breeds have already been ruined by evolving into a separate "show type" conformation, which falls apart in a production setting. Katahdins should be judged by Katahdin breeders. A Shaggydale breeder has no idea what makes our breed so good, and his so bad. "It takes one to know one" has never applied better to a situation. By developing a breed standard, and selecting for it, we can all exist together, for the betterment of the breed.

Our challenge in the next twenty years will be maintaining our spot at the top, and preserving the traits that make Katahdins so popular. As my old football coach used to say, we must "dance with who brung us". We must maintain maternal and carcass traits, as well as performance. We have an obligation to educate producers and promote the breed at every opportunity, and involve our youth whenever possible. I challenge you to keep it going. Talk to fellow producers, learn from each other, help each other, and let's raise the bar even higher. Our next twenty years look extremely bright.



"Katahdins – The Pot of Gold at the End of the Rainbow", 2013 KHSI Photo Contest - Scenic Category, Caroline McMillen, PA

EDUCATIONAL EVENTS CALENDAR

KHSI periodically posts information on sheep sales and sheep events as a public service. Posting sale and event information does not imply endorsement or verification of the claims of any sale or event. Sales and events posted are not sanctioned by KHSI unless otherwise noted. Contact the KHSI Operations Office to ask for your event or sale to be posted. 479-444-8441 or info@katahdins.org

****September 27, 2014. 3rd Annual SWAREC Pasture Ram Test Sale and Field Day.** SWAREC, Glade Spring, VA. Contact Lee Wright, lrite@vt.edu, 276-944-2200. Presentations by V Tech extension and research staff prior to sale. Field Day 1:30, Sale at 5:30.

******- Indicates there is an article with more information in this issue of the Hairald.

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Website: www.dpkatahdins.com
Email: dpkatahdins@gmail.com

New lambs due mid-September **Top Choice**

Our Next Generation walking into the future



**Reserve Champion Ram &
1st Place January Ram Lamb**
2014 Midwest Stud Ram Sale
sold to Sharon Krause, Dalla Terra Ranch



Corbyn Reister and Cooper Gehring
Peewee Showmanship
Leroy Boyd Junior Show

Thanks also to the following buyers at the
2014 Midwest Stud Ram Sale:
G.F. (Doc) and Deb Kennedy • Lincoln University
Sand Mountain Katahdins • Katlyn Striplin
Caney Creek Farms • Poynter Sheep Farm



1st Place February Ram Lamb
2014 Midwest Stud Ram Sale
sold to Robert Foster, Green Top Farm



**Reserve Champion Ewe &
1st Place Yearling Ewe**
2014 Midwest Stud Ram Sale
sold to Todd & Renee Bauer, Rack of Lamb Corral



Henry Shultz & Family

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DOC P297

Champion Ram at Louisville 2013, a May 25th yearling whose twin sister was second to champion ewe in class. He was with 160 ewes prior to the show and an additional 60 after the show.

Visit with us at the major shows and sales this year. We and our sheep will be there.

HLB 1138 and MVF 6931 are no longer with us, but their sons and daughters are very much so.



DOC P185

A maternal half brother to "First Ever" out of ADS 0105, 2nd Place Fall Ram at Louisville. You will see him again.



POY 44

Midwest Sale Champion Ram 2011, sire of 2012 Champion Ewe at Louisville



ADS 0105

Our choice of the ram lambs at the 2011 Expo held in Pipestone

Pipestone Katahdins

G.F. & Deb Kennedy, and Gary Gorter

Pipestone, MN • 507-215-0487 • gkennedy@pipevet.com

Katahdin Junior Show at NAILE Sponsored by Kennedy Family

By GF "Doc" Kennedy, D.V.M. and
Deb Kennedy

The Katahdin Youth Show at NAILE, Louisville KY will be sponsored by GF Kennedy and Deb Kennedy as a memorial to Doc's parents, Gerald and Verna Kennedy. Gerald spent his entire working career in the agriculture industry, raising and processing poultry. Verna spent her working years helping Gerald in the

family owned business and raising their children, and she was the first licensed special education teacher in Iowa. Their love of livestock was passed to their children, through encouraging and supporting their children to participate in 4-H and FFA and exhibit livestock in local and state fairs.

There was a time when Doc Kennedy raised a pig in the family basement.

Pretty supportive parents, we would say! While raising their family, they still found time to support young people in need. After their children were grown, both Gerald and Verna continued to support the community youth in a variety of ways. It is in this spirit of support-

ing the endeavor of all young people that we are proud to honor Gerald and Verna with the sponsorship of the first and continuing Katahdin Youth Shows. There will be funds available to provide \$500 per year for 8 years, beginning in 2014.

A total of \$660 in premiums will be awarded at the Kennedy Family National Katahdin Junior Sheep Show, with \$500 from the Kennedy Family and \$160 from Katahdin Hair Sheep International. Premiums will be 30 20 20 15 10 for most classes. Entries close on October 1, 2014. The entry fee is \$15 per head for the Junior Show Only. To enter BOTH the Junior and Open Shows, \$30 entry fee is due to NAILE, and \$5 per head fee must be sent to KHSI Operations, PO Box 778, Fayetteville AR 72702. Sheep will be judged on Sunday November 16.

Entry information is available at <http://www.livestockexpo.org/entryInfo.aspx> OR by contacting John Dyer at 812-362-8012 or jdkatahdins@reagan.com

All rams RR

Stud Rams
JDK 207
DOC P40
VJ 9048

Foundation ewes from
Kennedy-Dosch-Young



John, Judy & Scott Dyer

new email:
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JM 0-60 Prime Time



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caneycreekfarm@united.net
www.caneycreekfm.com



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Best Management Practices for Genotyping for Scrapie Resistance

Jim Morgan, PhD Arkansas

Author's note: The purpose of this article is to provide information, not to encourage or discourage shepherds to genotype their sheep for resistance to scrapie.

Those who test for resistance to scrapie at codon 171 of the prion protein often treat this as an error-free system. However, there are a few ways that errors can creep into the records some shepherds keep on their RR, QR or QQ sheep. Understanding those potential errors and the risks in light of your operation's breeding objectives is important.

For those that are knowledgeable about scrapie, this article will point out the Best Management Practices first. For those that need more background (don't know what scrapie is, don't know what RR or QR is), then it may help for you to read the last part of this article first.

Before going into this discussion, it needs to be pointed out that whether a sheep is RR, QR or QQ does not affect its ability to grow, produce meat, lamb, be parasite resistant or an easy care sheep. For some sales it does af-

fect the value of breeding stock, even though there is no consistently documented effect on meat production. Some producers test all their sheep, some never test, some only test their breeding rams and some only test their sale sheep if the buyer requires it.

A shepherd needs to set their breeding objectives, determine their scrapie risks and develop their breeding stock marketing program, before making a decision on whether to test and/or select for scrapie resistant RR sheep. Many Katahdin flocks that are not buying ewes have low risk for scrapie and may decide that selecting for RR sheep is not a priority. The popularity of using RR sheep can and does result in a significant financial reward for some flocks that test, select for and sell RR sheep.

BEST MANAGEMENT PRACTICES

- 1) Use a genotype testing lab that is approved by USDA APHIS. Labs are approved by USDA APHIS if they have passed a proficiency test, apply for approval and meet the requirements. Labs not approved by USDA APHIS have chosen not to apply for approval for various

reasons, dropped out because they feel approval does not improve their market share, or have been removed because they have too high of a genotyping error rate.

The three approved labs are: Gencheck in Greeley, CO, Genesek in Lincoln, NE and the Colorado Department of Agriculture, Rocky Mountain Regional Animal Health Laboratory in Denver, CO. (Note: many of our members are using non-approved genotyping labs). With very sensitive tests and human errors, labs will make errors. If you are not using one of these three labs and accurate codon tests are important, it may be advisable to switch.

At one time there were over 6 labs approved for scrapie resistant genotyping but now there are only 3 that are USDA approved. You can keep up by checking this link for approved labs before you do your testing:

http://nvap.aphis.usda.gov/animal_health/animal_diseases/scrapie/app-labs-genotype-test.shtml

CONTINUED ON PAGE 17

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Flock Prefix: BIR

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Registered Katahdin Breeding Stock



**Spring 2014 Ewe
and Ram Lambs
Available Sired by:**

Selected for:

- ★ **Performance on Forage**
- ★ **Performance in the Show Ring**
- ★ **Parasite Resistance**
- ★ **Prolificacy**

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Brad, Tracy, Ben, & Kristi Williams
Atoka, Oklahoma

(580) 889-1646 • birchcreekfarms@yahoo.com

BAG 1725, "Diesel"

Bred by Buckeye Acres Genetics, "Diesel" was Grand Champion high-selling ram at the 2012 Midwest Stud Ram Sale, selling for \$3,300.

SHU 3348, "Today's News"

Bred by Prairie Lane Farm, "Today's News" was Grand Champion ram at the 2013 Midwest Stud Ram Sale, selling for \$2,000. Also Reserve Junior Champion Ram at NAILE in 2012.

W11

Bred by Up Hill Ranch, Sired by MVF 6108 "Bojangles", and out of the 2010 Reserve Grand Champion ewe at the 2010 Midwest Stud Ram Sale. W11 is an RR Triplet half brother to POY 44, the Grand Champion high-selling ram at the 2011 Midwest Stud Ram Sale.

Buckeye Acres



2262 - Top Selling Ram - \$3,500
sold to Charles Jones, Clarksville, OH
Charles also purchased our
Highest Selling Ewe Lamb for \$1,800



2nd High Selling Yearling Ram - \$1,350
sold to Cathy Nebel, Cedar Rapids, NE
Cathy also purchased 2263, triplet brother to 2262

**Thank You to all of you who participated
in our recent Internet Sale**
(22 head of Katahdins sold for an average of \$880)



Top Selling Yearling Ewe - \$1,100
sold to Barry Glassman, Darlington, MD



2nd High Selling Yearling Ewe - \$1,000
sold to Todd & Renee Bauer,
Rack of Lamb Corral, Windom, KS
Todd & Renee were also our High Volume Buyers
– 8 yearling ewes & 2 ewe lambs at the Online
Sale, 10 top ewe lambs off the farm.

Check our website
often for updates!
Watch for the date of
our 2015 Online Sale.

Brood Ewes Available NOW!
Call early, and we'll offer breeding
to our leading stud rams.

Ron & Carla Young — Buckeye Acres Genetics
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roncyoung@gmail.com • buckeyeacres.com

BAG

- 2) Test your important animals twice. The more important an RR or QR animal is to your breeding program, the more likely you should test a second time.
- 3) This 3rd practice is not required for any sale that I am aware of. However, if a shepherd is selling to an individual, and wants to minimize legal exposure, having a licensed veterinarian collect and mail the sample in for testing would exhibit good faith in a court of law.
- 4) Test lambs, even if you know the QR, RR, QQ status of the parents. Many things can happen: errors in tagging or labeling the sample of the parents, errors at the testing lab, errors in recording the dam or sire of offspring, those rams that seem to be able to fly over fences, that one day last fall in which a ram got into the wrong pen that you forgot to write down or your hired hand moved an escapee back to the wrong pen. A shepherd also needs to learn

enough about scrapie so that they can make informed and accurate decisions about their management. Scrapie is rare in the US and Canada now. If you minimize exposure to ewes at risk (no exposure to ewes from outside your flock within a month of lambing at shows or sales or exhibits) or totally eliminate the exposure of ewes to ewes from other flocks, scrapie infection of the flock is non-existent or minimal.

WHAT IS SCRAPIE? WHAT DO RR AND QR MEAN? WHAT DO SHEEP PRODUCERS NEED TO KNOW?

- a) What is scrapie? Scrapie (pronounced scrā - pē) is a neuro-degenerative disease that has been present in sheep for at least 250 years.
- b) How does scrapie spread? The best evidence is that scrapie is spread via the placental tissues and fluids. "Susceptible" sheep can become infected with scrapie by being born to a ewe that has scrapie or has licked placental tissues or fluids from an infected ewe (or licked the newborn lamb from an infected ewe). There is some evidence that a susceptible sheep can pick up scrapie

by licking surfaces that are highly contaminated by placental tissues or fluids from infected ewes (e.g., ingesting soil, barn surfaces). Rams can be infected but are not believed to be significant sources of scrapie, since they do not produce placental tissues or fluid.

- c) Why is scrapie important? It has been designated a key disease by USDA. Both the US and Canadian sheep industries are on record for eliminating scrapie from their countries' sheep flocks. In the US, flocks that are identified with scrapie are quarantined and have all scrapie susceptible sheep, removed and necropsied. In the US, the flock owner is indemnified for any condemned sheep. It is important to eliminate scrapie in countries with scrapie cases for the following reasons. Countries with scrapie are limited where they can sell sheep meat, sheep by-products and sheep breeding stock. There are some projections that the presence of scrapie in the country decreases the value of a sheep sold for meat

CONTINUED ON PAGE 20

Brokaw Farm Katahdins

'PBB' Proven Genetics + Performance




Great set of ram lambs for sale on the farm!

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Breeder Page at katahdins.org

HalleluYah Lambs



All sheep are from a certified scrapie free flock

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Rack of Lamb Corral

Registered Katahdin **TRB**
Hair Sheep

2014 LAMB CROP SOLD OUT – THERE IS A REASON!!!



Diesel

"Diesel"
2012 Grand Champion Ram
Midwest Stud Ram Sale



Hemi

"Hemi"
2012 Grand Champion Ewe
Midwest Stud Ram Sale



Today's News

"Today's News"
2013 Grand Champion Ram
Midwest Stud Ram Sale



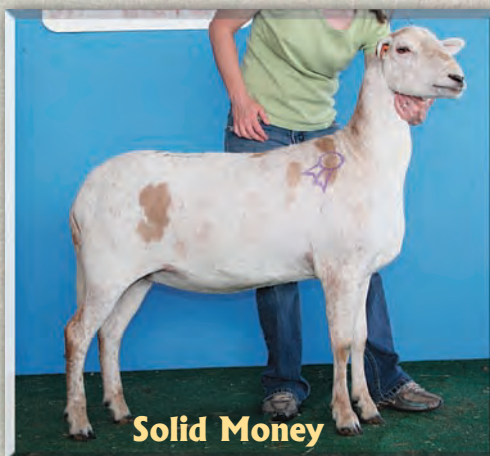
News Flash

"News Flash"
2014 Grand Champion Ram
(partnered with Buckeye Acres)
Midwest Stud Ram Sale

If you need Katahdins that
will breed honestly, call or
better yet come and visit
our ranch in Windom, KS.

**We are now taking
orders for 2015 ewe and
ram lambs.**

We will turn our rams in
August 9, 2014.



Solid Money

"Solid Money"
2014 Reserve Grand Champion Ewe
Midwest Stud Ram Sale

Another 27 high quality Katahdin's call it home at Rack of Lamb Corral – Sheep we purchased at the 2014 Midwest Stud Ram Sale: Grand Champion Ram (partnered with Ron Young of Buckeye Acres); Reserve Grand Champion Ewe; Yearling Ewe, 2nd in class, next to the Reserve Grand Champion Ewe; Fall Ewe, 2nd in class, next to the Grand Champion Ewe; January Ewe, 1st in class and the March Ewe, 1st in class. We also purchased 10 extra fancy ewes from Buckeye Acres 2014 online sale along with 10 hand picked ewes off the Buckeye Acre Ranch. We are extremely

excited to start matching
our ewes with the sire of
choice for breeding.

We also entered two
January Ram Lambs in
the 2014 Midwest Stud
Ram Sale: TRB 210 – First
in Class #583, he was
2nd in class, next to the
Reserve Grand Champion,
he sold to Richard Fielder,
IL for \$1,200.00 and TRB
209 – Debonair #582, he
was 5th in class, he sold
to Logan Roberts, TN for
\$650.00

**Thanks to all
our 2014 buyers
nationwide**

TRB

Rack of Lamb Corral
Owners/Operators Todd and Renee Bauer
3020 Hwy 56 • Windom, KS 67491 • 620-245-1884
toddbauer@ks-usa.net • Website: www.rackoflambcorral.com

HLB
Genetics

HLB
Genetics

TOMORROW'S KATAHDINS TODAY

To date we've sold 47 head in
the Midwest Stud Ram Sale and
Private Treaty.

THANKS to everyone
who purchased HLB Genetics in 2014:

Arkansas	Kansas	Kentucky	Maryland
Missouri	Montana	Pennsylvania	Tennessee
Texas	Virginia	Oklahoma	Puerto Rico

All Registered
Katahdins RR

Consigning 9
head to the KHSI
Expo in Hastings,
Nebraska.

Visitors
Welcome!

MOVE-N-ON

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by 5-10 US dollars.

- d) What do RR, QR and QQ mean? There is a protein found in the membrane of all cells called the "Prion Protein". In sheep with scrapie, the prion protein has an abnormal shape. Depending on the amino acid sequence of the protein, sheep can be susceptible or resistant to scrapie. An easy test is to look at the DNA sequence of the prion protein at codon 171 of the gene for the prion protein. If a sheep is RR, it is highly resistant to scrapie and will pass on resistance to all offspring. Sheep that are QQ at codon 171 are highly susceptible to scrapie. Sheep that are QR are considered resistant to the common form of scrapie, but are susceptible to relatively rare "valine" scrapie strain.
- e) Scrapie tags. If a producer sells a sheep it needs a scrapie tag. In the US, shepherds can call their state USDA APHIS office to receive free tags at 840-873-2824.

WHERE DO ERRORS COME IN?
(FOR THOSE OF YOU WHO LIKE TO UNDERSTAND MORE)

Mistakes can come from contamination of samples at the farm or testing lab, mislabeling samples, or not testing lambs out of known parents.

- a) Contamination errors. Getting a QR result, when it is actually RR or QQ. Low risk, but it can happen. Contamination can occur in the testing lab or the person doing the sampling. With DNA tests it only takes an incredibly small amount of a contaminant on the tip of a finger, pipette or test tube. Contamination of a QR or QQ sample will not result in a RR. Sample contamination will not result in false RR or false QQ. Only false QR results are the result of contamination.
- b) False RR results. This can't be caused by contamination. Only by mislabeling samples in the farm or by the testing lab.
- c) Not testing lambs out of two parents in which the genotype can be predicted. If parentage is accurately known, then lambs out of two RR parents will be RR. Lambs out of two QQ parents will be QQ. Lambs out of one RR parent and one QQ parent will always be QR.

Not testing a lamb makes several assumptions, that the parents' tests were accurate, that the assigned dam is accurate (ewes steal lambs) and that no mistakes were made when a shepherd is writing down tags numbers. If you have been up for 3 days straight in the lambing barn, mistakes are very possible.

OTHER RISKS

Most Katahdin breeders collect their own samples and submit them. For some customers, it might pay to have a licensed veterinarian collect and submit the sample. This removes a shepherd's personal liability (if you ever ended up in court with a lawsuit) for sampling errors or being accused of taking a sample from an RR sheep and submitting with the wrong ID.

SUMMARY

In summary, if RR, QR or QQ status of a sheep is very important for your breeding program, then best management practices are to use a USDA approved genotyping lab and to test the key animals in your system twice.

CONTINUED ON PAGE 24

Hound River Farm



Need Parasite Resistance?

Purchase Genetics, not Dewormers!

Parasite resistance is hereditary. Our herd sires have the genetic ability to pass this trait on to their offspring. Fecal Egg Counts and Estimated Breeding Values (EBVs) available on all lambs.

VPI 2006 & WRI 2011 were top performers at the 2012 Virginia Tech Forage-based Ram Test for both growth and parasite resistance.

**Our sheep are pasture-raised and exposed to parasites year-round. Contact us to reserve your next herd sire. www.houndriverfarm.com
Roxanne & Milledge Newton, Hahira, Georgia. (229)-794-3456**

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Our Breeding Sires:



"Poncho"



"Cowboy"



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*Excellent Bloodline Breeding Stock from
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CTE

Preliminary 2014 Midwest Stud Ram Sale Results

104 Katahdin Lots Sold

Editor's Note: At printing time, the final results were not available. They will be posted on the "Results" page of the KHSI website when available. www.katahdins.org

In Sedalia Missouri on June 25th, 104 lots sold at the Midwest Stud Ram Sale for a total of \$65,575 and averaged \$631 per lot. This is a very good average for a large Katahdin sale. This year the three top selling Katahdin lots were ewes. Twenty-four rams sold between \$500 and \$1000, with another seven selling between \$1000 and \$1500. These are very solid prices.

Year	Total # of Lots	Average Price
2013	108	\$642
2014	104	\$631

The top selling ram was the Grand Champion Ram, a yearling, consigned by Ed and Helen Julian of Rootstown Ohio. Todd and Renee Bauer of Rack of Lamb Corral in Windom, Kansas had the second high selling ram. Henry and Becky Shultz of Centralia Missouri sold the Reserve Grand Champion Ram for \$1000. Four other rams sold for \$1000 or more and



Ed Julian (center) with his 2014 Midwest Stud Ram Sale Grand Champion Katahdin Ram. Dr Sergio Bolanos (left) is presenting Ed Julian with a plaque for Grand Champion Ram sponsored by CrikaMex, the Katahdin Association in Mexico. Ram is held by Kody Wolf of Ohio.

they included a ram by David and Jane Smith of Indiana, a ram by Doc & Deb Kennedy of Pipestone Katahdins from Minnesota, and two rams consigned by Jeff and Jan Poynter of the Poynter Sheep Farm from Indiana.

The top selling ewe was the Grand Champion Ewe, fall born,

and she was consigned by John, Judy and Scott Dyer of the Dyer Family Katahdins in Indiana and sold for sale high price of \$2600. The second high selling ewe, \$1800, traveled from Southwestern Virginia and was consigned by Kenneth and Connie Jessee of Jessee Katahdins. The Reserve Grand Champion Ewe was consigned by Henry and Becky Shultz of Centralia Missouri and sold for \$1600.

The best consignment award went to Becky and Henry Shultz of Prairie Lane Farm of Centralia, Missouri.



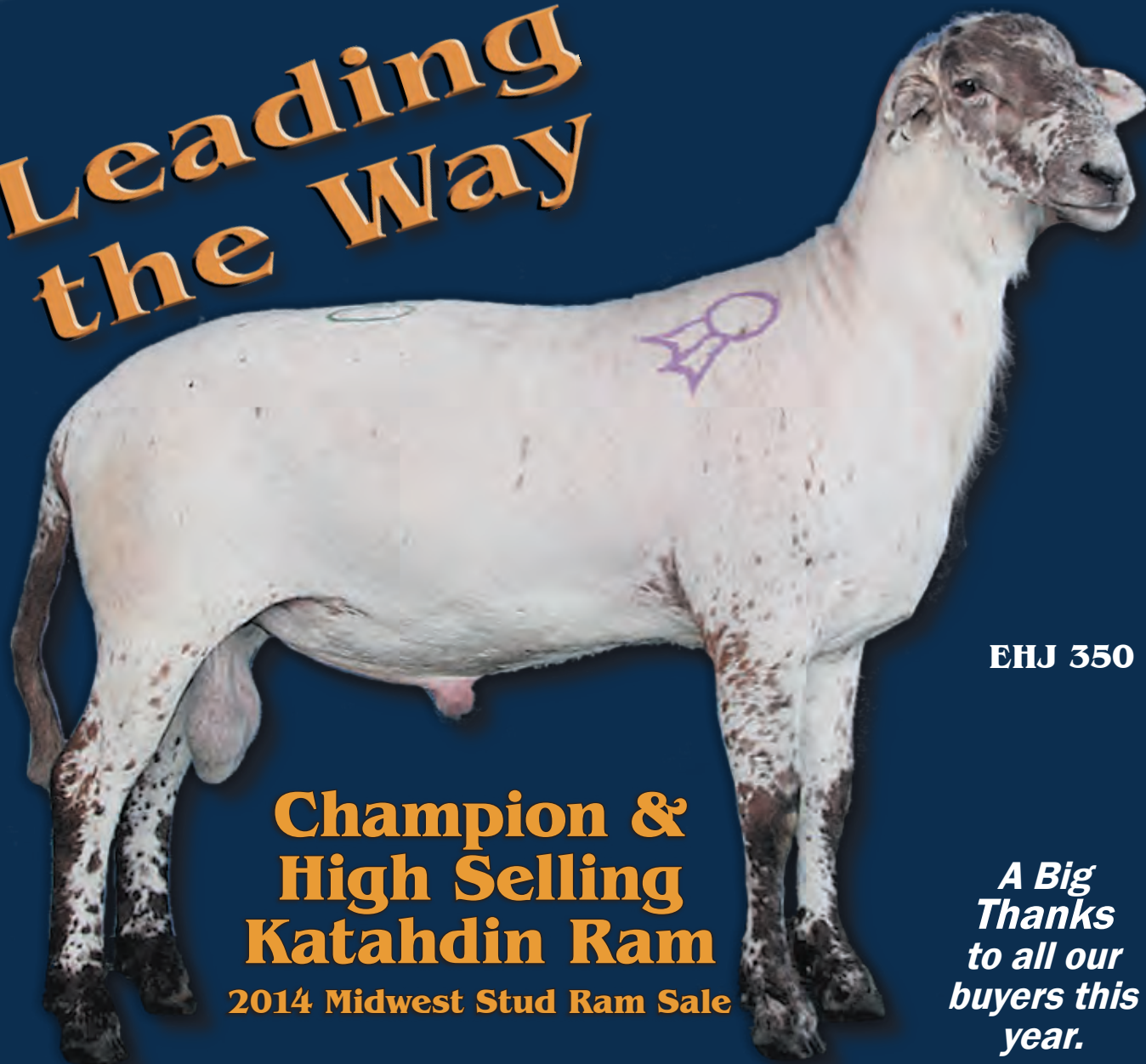
Scott Dyer selling 2014 Midwest Stud Ram Grand Champion Katahdin Ewe

2014 Midwest Stud Ram Sale Partial/Preliminary Results (Champions & High Selling Sheep)

Class & Place	Owner	Flock Name	State	Price
Grand Champion Ram Yearling Ram	Ed & Helen Julian	Julian & Moore Sheep Company	Ohio	\$1500
Spring Ram Lamb	Todd & Renee Bauer	Rack of Lamb Corral	Kansas	\$1200
Reserve Grand Champion Ram Spring Ram Lamb	Henry & Becky Shultz	Prairie Lane Farm	Missouri	\$1000
Grand Champion Ewe Fall Ewe Lamb	John, Judy & Scott Dyer	Dyer Family Katahdins	Indiana	\$2600
Spring Ewe Lamb	Kenneth & Connie Jesse	Jessee Katahdins	Virginia	\$1800
Reserve Grand Champion Ewe Spring Ewe Lamb	Henry & Becky Shultz	Prairie Lane Farm	Missouri	\$1600

Send Registry Information to Darlington, PA (not Milo, IA)

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EHJ 350

**Champion &
High Selling
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2014 Midwest Stud Ram Sale

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Thanks
to all our
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year.*

Thanks to

**Rack of Lamb Corral (Todd & Renee Bauer) and
Buckeye Acres (Ron & Carla Young) for purchasing this great ram.**

We will be Exhibiting at : The Big E in September
N.A.I.L.E in November

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Katahdin Sale Round Up

KHSI periodically posts information on sheep sales and sheep events as a public service. Posting sale and event information does not imply endorsement or verification of the claims of any sale or event. KHSI encourages the use of performance records and production data as the primary means of selecting sheep instead of emphasizing visual appraisal typical of most shows, sales, and auctions. Sales and events posted are not sanctioned by KHSI unless otherwise noted. Contact the KHSI Operations Office to ask for your sale to be posted. 479-444-8441 or info@katahdins.org.

****September 27, 2014. Virginia Tech Southwest AREC Pasture Ram Test Sale & Field Day.** Glade Springs, VA. Rams evaluated for growth, loin eye depth and parasite resistance on pasture. Contact Lee Wright, lrite@vt.edu, 276-944-2200. Field Day 1:30, Sale at 5:30.

October 4, 2014. Annual Midwest Hair Sheep Sale. Salem, Indiana. Washington County Fairgrounds. washingtonces@purdue.edu or 812-883-4501. www.wcsheep.org/wcsheep.org

** - Indicates there is an article with more information in this issue of the Hairald.

Katahdins to Show at the Big E — September 22, 2014

The Eastern States Exposition extends an invitation to Katahdin breeders to come to the 2014 Eastern States Exposition in Springfield, Massachusetts. Eastern States, or "Big E" is the ninth largest fair in the country. It is the second largest sheep breeding stock show in the US. In 2013, The Big E reached just under 1.5 million attendees during the duration of the fair. The show will include both Junior and Open Katahdin venues.

This is the largest indoor livestock show facility in New England. Entries are due by August 15th at \$4 and late fees (double) apply till August 30th, when entries close. Katahdin Operations heard from a long-time exhibitor at the Big E who said it was their favorite venue, being well run, with excellent premiums and low entry fees. Both the Junior and Open show will be held at the same time on September 22nd. Typical premium

split for the Open larger lamb classes in 2014 at the Big E are \$39, 35, 31, 29, 27, 25, 23, 21. Sheep finishing out of the premiums will receive \$17. The lambs in the Junior class show at the same time and their premium splits are \$15, 10, 12, 8 for 4th and below. If you have questions about the Big E contact Ed Julian of Ohio (330-325-9150 or ejulian@neo.rr.com). Find more information about the Big E at www.thebigecom/fair/

BEST MANAGEMENT PRACTICES, CONTINUED FROM PAGE 20

The contact information for the three approved labs follows:

Colorado Department of
Agriculture
Rocky Mountain Regional
Animal Health Laboratory
2331 West 31st Avenue
Denver, CO 80211
Contact: Tiffany Brigner,
Microbiologist
Phone: 303-477-0049
Fax: 303-458-7857

Gene Check, Inc.
1175 58th Ave. Suite 100
Greeley, CO 80634
Contact: Tresea Briggs
Phone: 970-472-9951
Fax: 970-472-9956
<http://www.genecheck.com>

GeneSeek, Inc.
4131 N. 48th St.
Lincoln, NE 68504
Contact: Mr. Abe Oommen
Phone: 402-435-0665
Fax: 402-477-3946
<http://www.geneseek.com>

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Doyle & Judy Weaver, Nevada, MO
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at the 2014 Midwest Stud Ram Sale in Sedalia

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Katahdin Recipe Forum

Edited by Maria Dosch, Jim Morgan & Teresa Maurer



Lamb Burgers

Submitted by Judy Dyer of Indiana

Ingredients

2 pounds ground lamb	½ cup milk	1 egg
1 cup bread or saltine cracker crumbs	1 tbsp dried parsley	¼ tsp paprika
½ tsp nutmeg		

Cooking Instructions: Mix ingredients and shape into 8 meat patties. Grill until just done.

Round Mountain Farm Lamb or Mutton Kebabs

Submitted by Jim Morgan and Teresa Maurer of Arkansas

The difficult part in cooking kebabs is getting the vegetables and meat done at the same time. Typically, the meat is done prior to many of the vegetables. Our flexible short cut is to put the vegetables in a marinade for a few hours which softens the vegetables so that they are cooked in a few minutes on the grill. With good Katahdin cuts, the meat doesn't need to be marinated and has plenty of its own flavor--we like it to stand on its own.

Ingredients

1-2 lbs of Lamb (sirloin and leg work very well).	
Mushrooms	Tomatoes (cherry tomatoes work very well)
Bell Peppers (red or yellow for color)	Onions (red are excellent, but others work fine)
Other veggies (pineapple, squash & egg plant work, though egg plant is a little trickier to grill)	

Vegetable Marinade- in jar or cruet (shortcut: good quality purchased balsamic-based dressing)	
3 pressed garlic cloves (we like more)	2 tsp dijon mustard
2 Tbsp balsamic vinegar	(salt & pepper to taste)
6 Tbsp of Extra Virgin Olive Oil	

Cooking Instructions

- 1) Put the garlic, mustard, vinegar and spices in the cruet/jar and shake well. THEN add the olive oil and repeat shaking.
- 2) Add the chopped/cubed vegetables to a Ziploc®-style bag(s) of the appropriate size. Shake the marinade. Put a small amount of marinade in each bag and then move the vegetables in the bag to coat with marinade. A plastic bag reduces the amount of marinade needed and also decreases the number of times that the chef needs to move the veggies around the bag. Place in refrigerator.

While the grill is warming up, thread the marinated vegetables and lamb on the kebab skewers. This is a messy but fun process and older kids enjoy doing this. Do cover your working surfaces with plastic or with materials you don't mind getting oily and messy. HINT: if you are worried about different cooking times, thread veggies and onions on some skewers and lamb, onions and cherry tomatoes on others. Then serve each person a veggie skewer and a lamb skewer.

Grill the kebab until the lamb is done to your preference. Your friends will think you have been making lamb kebabs your whole life.

*If you have a recipe that you and your family like, send it to
KHSI Operations at info@katahdins.org or
PO Box 778, Fayetteville, AR 72702.*

We look forward to your recipes. If your recipe is based on (or copied from) a published recipe, please provide the proper credit.

There's Still Time to Enter the 2014 KHSI Photo Contest!

Attention all photographers:

KHSI's 10th Annual Photo Contest is still accepting entries! We are still seeking entries of great photographs that can be used for promoting Katahdin sheep. The contest is open to all who wish to enter. The photographer does not have to be a member of KHSI. The photograph must include Katahdin sheep. Youth are especially encouraged to enter and have their own special category.

Note. Some of the pictures used in our brochures and ads stick around for years. The promotion committee challenges you to provide us better



"Livingston", 2013 KHSI Photo Contest, Best Promotion - Ram Category, 1st Place Tie, Karen Kenagy, OR

pictures.

Do You Want to Make the Cover of the Katahdin Hairald? (sorry, not as much personal fame as making the cover of the Rolling Stone). Turn your camera 90 degrees (side ways). That angle frames pictures so that they can be more easily adapted to a cover. About 50% of the pictures that could have made the cover are not vertically oriented. Pictures that work best are taken portrait style--meaning that the long edge of the picture is vertical instead of landscape where the long edge is horizontal. Also for each quarterly issue, we strive to have a cover photo that works for spring, summer, fall or winter.

Help Note 2. In past years, many pictures are submitted without a title or category. It can be a great picture, but it needs a title and contest category. Many pictures are submitted with a title such as DSC029_011.jpg (KHSI needs the file renamed).

Entries must be received by November 1, 2014 and can be emailed to info@katahdins.org or sent on a CD to KHSI Operations, PO Box 778, Fayetteville AR 72702.

Photographs from previous con-

tests have been used in ads in national sheep magazines and other KHSI promotional activities. We may use them in the Katahdin Hairald inside or on the cover.

Entries will be judged on composition, exposure, focus, relevance, and creativity (or appeal) with the goal of promoting Katahdin sheep. Prizes can be used to pay for Registry services (registering, recording or transferring sheep), annual membership, Breeder Page or promotional items (t-shirts, hats, vests, signs) and shipping. We call them KHSI Dollars.

First Place: \$50 of KHSI services or promotional items.

Second Place: \$25 of KHSI services or promotional items.

Third Place: \$10 of KHSI services or promotional items.

CATEGORIES

1. **Best Promotion - Katahdin Ewes** - Photographs that show one or more of the qualities promoted for Katahdin ewes such as: efficient grazers, superb mothers, low maintenance, easy lambing, adaptable, etc.

CONTINUED ON PAGE 27

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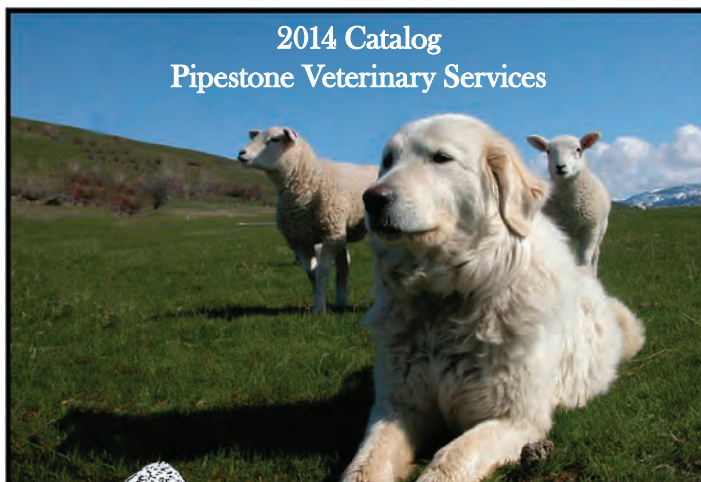


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Pipestone, MN 56164



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2. **Best Promotion - Katahdin Rams** - "Appropriate" photographs that show a picture of a Katahdin ram or ram lamb that can be used to promote Katahdins.
3. **Action** - Photographs of activities such as moving/trailing sheep, lambing, tagging, exhibiting, grazing, feeding, etc. (Note that all pictures featuring youth ages 18 and younger should be entered in the "Kids and Sheep" category.)
4. **Katahdin Meat** - Specifically looking for photos that promote Katahdins as a meat breed. Ideas for photos include: hanging carcass(es) that demonstrate muscle and quality finish, hanging carcass(es) split to show ribeye, photos of cuts to show good meat quality. Although it is not required, it is really helpful if notes for photos in this category include age, sex, hanging % and hanging carcass weight of lamb.
5. **Scenic** - Photographs of sheep outdoors. (Photos entered in this category cannot include people.)
6. **Kids and Sheep** - Photographs containing pictures of youth less than 18 years of age and sheep.

7. **Open Category** - Photographs that do not fall into the categories 1-6.
8. **Just for Youth** - Pictures of Katahdins taken by individuals under 19. The picture topic can be any category.

OTHER CONTEST RULES

- Photos being submitted have never been previously published.
- All entries become the property of KHSI to be used or reproduced at the discretion of KHSI. Owners of the photographed sheep may continue to use the photos.
- All entries must be submitted in digital form, at least 300 dpi, either by email or on a CD.
This is a very important rule! Check the settings on your camera. Many great photos that are submitted do not have the resolution to be used on the Hairald covers or in magazine advertisements. Please be SURE the setting is at 300 dpi or higher.
- Camera and copy shops and some discount stores can help you turn your best hardcopy photos into digital format. Call Operations at 479-444-8441 if you need suggestions on this.

- Entries must be submitted in the name of the person who took the photograph.
- Entries are limited to two per person per category.
- Only photographs that have been taken in the past three years may be entered.
- Provide the following information in an email or in a file on the disk or CD:
 1. Title of photo
 2. Category (from the eight listed above) into which it is being entered
 3. Photographer's name
 4. Mailing address
 5. Phone number
 6. E-mail address
 7. Approximate date photograph was taken
 8. Approximate location of where photograph was taken

Questions? Please call or email KHSI Operations at info@katahdins.org or 479-444-8441 especially if you need ideas on how to get your photos to us. We do want to acknowledge that these guidelines are based on those used for the ASI photo contest.

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Katahdins and Katahdin Breeders In the News

Editor's Note: If you, your sheep or your farm have been featured in a news story, let us know at info@katahdins.org or send the article to us at KHSI, PO Box 778, Fayetteville AR 72702.

Best Breed Display at the Maryland Sheep & Wool Festival. Crystal Caldwell from the University of Maryland Campus Farm sent us these pictures. Her students helped out. For the 4th year in a row, in 2014 they repeated as winners for the best booth display by any breed of sheep.

Way to go, Crystal and crew!



Katahdin Booth at Maryland Sheep & Wool 2014



Four Years (2011-2014) of Best Sheep Breed Booth - Maryland Sheep & Wool Festival




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Katahdins Return to N.A.I.L.E in 2014

November 20, 2014

Katahdins return to show at the North American International Livestock Exposition (NAILE) in Louisville, Kentucky on Thursday November 20th at 8:00 AM. Entries must be postmarked by October 1st.

There is a \$15 fee payable per entry to North American International Livestock Exposition and an additional \$5 per entry due to KHSI Operations Office, PO Box 778, Fayetteville, AR 72702.

The Katahdin show superintendent for this year is John Dyer of Chrisney, Indiana. Dr Bert Moore, a retired Professor from North Dakota State University will be the Katahdin Judge.

The premiums for the Katahdin National Open Show are higher this year and for the spring lamb classes are 45 35 30 25 20 20 15 10.

Another change this year is that this show is the National Katahdin Show.

Sheep check-in for the Open Show is November 17. Sheep also in the Junior Show will already be at the Exposition Center.

Complete rules for the NAILE sheep show can be found at the website at the end of this article. Katahdin rules are on page 244-245 of the livestock rule book or 24-25 of the NAILE sheep rule book.

Classes include yearling rams and ewes (9/1/12 - 8/31/13), fall ram and ewe lambs (9/1/13 - 12/31/13), January, February, and March or younger ram and ewe lamb classes.

There are also classes of best 4 head of lambs, best flock (ram, pair of yearling ewes and pair of ewe lambs-bred and owned) and premier exhibitor.

You can contact NAILE at: NAILE, PO Box 36367, Louisville, KY 40233-6367, or call 502-595-3166. www.livestockexpo.org. Sheep sale rules are at the link below.

www.livestockexpo.org/docs/PremiumBook/SheepShow/OpenBreedingSheep.pdf

If you have questions, contact John Dyer at 812-362-8012.



Winter 2014 Katahdin Hairald Publication and Ad Deadlines

- 1) Article Deadline/Display Ad commitment deadline (includes size of ad) Oct 9
- 2) Display Ad content due to Xpressions..... Oct 21
- 3) Classified Ads due to Operations Oct 21
- 4) Mailing date (Bulk Mail) Nov 14

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Visitors Always Welcome

JAG

3rd Annual Virginia Tech SWAREC Field Day & Pasture-Based Ram Test Sale, September 27, 2014

Southwest Agricultural Research & Extension Center, Glade Spring, VA

Lee Wright, SWAREC Superintendent

Virginia Tech Southwest AREC invites sheep producers to attend the 3rd Annual Pasture-Based Ram Test field day and sale on September 27th in Glade Spring, Virginia. The test at the SWAREC in Glade Spring evaluates rams under a pasture-based management system, with parasite exposure and monitoring. This year there are 105 rams consigned from 14 consignors representing six states. Most of these rams are Katahdins, but a few additional breeds are participating. Most producers in the Eastern USA are managing their lambs on pasture at least part of the year. Researchers involved in this evaluation wanted a ram test that would evaluate rams with the potential of passing on parasite resistance as well as growth and muscling that are raised predominantly in a pasture based setting. There are also several lambs on-test that were sired by rams consigned and sold from this test in previous years.

The event will kick off Saturday afternoon with presentations by several research and extension faculty from the Virginia Tech Animal Science Department, and VA/MD Regional

College of Veterinary Medicine. This group of faculty provides a broad background in sheep genetics, management, nutrition, and flock health. Together they will bring you some of the latest information, and insight on the test protocols for the Virginia Tech ram testing system. They will also address general information regarding management techniques, as well as some of the other sheep research underway at the University.

Throughout the day, rams that performed well in the test program that are to be auctioned will be displayed in pens that are easily accessible to the attendees. Test results and individual data on sale animals will be provided. Hopefully, all the consignors that had rams evaluated in the test will be present, and if they have rams in the sale they will be on site to answer other questions about their animals and personal flocks.

At delivery, rams were processed, dewormed and acclimated to forage and feed. At the beginning of the test period, rams were weighed and given a standard dose of barberpole worm larvae based on age and weight. This insures all rams start the trial with a

comparable worm load. Every two weeks rams are weighed, sampled for parasite load by fecal egg counts and FAMACHA score. At the end of the test in early September, final weights are taken; rams undergo ultrasound for loin eye depth and back fat, and are subject to breeding soundness exams. Rams are evaluated for average daily gain on test, average daily gain since birth and scored for parasite resistance/tolerance. Approximately 30 of the top performing rams will be sold at auction after dinner later that evening.

As we finalize the program, we will post it to our website. Please find the information there, or feel free to use the contact numbers below. Also, you can see our ad and list of consignors on page 31 of this magazine. We hope to see you on September 27th!

Registration for Educational Program at 1:30 pm. Sale will start near 5:30 pm.

Lee Wright, Virginia Tech Southwest AREC 276- 944-2200

Dr. Scott Greiner, Virginia Tech 540- 231-9159

www.vtsheep.apsc.vt.edu

FROM THE RESOURCE SHELF

Teresa Maurer, KHSI Operations

As our magazine was going to print, we learned about a GOLD MINE of sheep (and goat) information that is now available from NCAT, the National Center for Appropriate Technology. This gold mine, also known as "The Small Ruminant Toolbox" includes many publications, presentations and other resources that will be helpful to everyone, from beginner to experienced shepherd and to educators, too.

There are several ways to get the information: online, on a flash drive, or in print.

- 1) If you have internet, the fastest way to get the info is to use this link:

<https://attra.ncat.org/ruminant/>

The online version explains how to access and use the publications, PowerPoint slides, manuals and other information on the site. The materials are very well organized and once you reach the site, you'll be

able to dive right in and start learning.

- 2) If your internet access is not so good, but you have a computer with a USB plug-in, you can order a flash drive.

All the Toolbox materials are available on a USB flash drive for sale through NCAT. The price is \$5 each, plus \$3 for shipping and handling. Contact debbier@ncat.org or call 1 (800) 346-9140. Discounted shipping and handling charges are available for bulk orders.

- 3) If you do not have a computer or access to the internet, you can find out which sheep publications from the Toolbox are available in print by calling toll free 1 (800) 346-9140. There may be a modest copying charge for these materials.

For any inquiries about the Toolbox or its contents, contact Linda Coffey at lindac@ncat.org or 1 (800) 346-9140.

**Business Card Ads in
Hairald for members
advertising sheep are
currently \$25 B/W or
\$30 Color.**

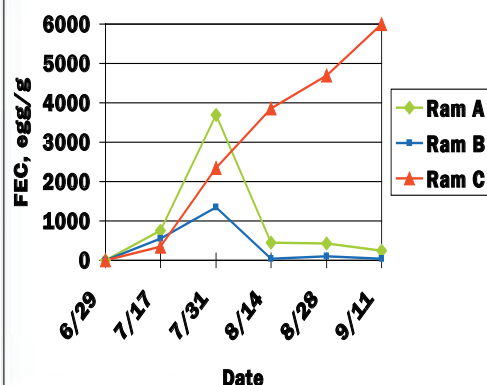
2014 Virginia Tech Southwest AREC Forage Based Ram Test

Annual Field Day & Ram Sale September, 27 2014

Educational Program Registration 1:30pm, Ram Sale 5:30pm



Individual Parasite Load



Do you want to improve the parasite resistance and growth in your flock?

Do you know which of these fecal egg counts (FEC) belonged to your next breeding sire?

If you want to buy a ram that has been performance tested for growth and parasite resistance, come see us September, 27.

Currently there are 105 ram lambs on test, and rams from the top end being evaluated will be offered for sale.

We evaluate ADG, FEC, FAMACHA, bi-weekly, and record scrotal circumference, loin eye depth, and fat thickness at the conclusion of the test.

If you're interested, stay tuned to our website for further information regarding the 2014 trial.

List of Consignors:

- Jeff & Kathy Bielek – **Misty Oaks Farm**, Wooster, Ohio
- John Bruner – **Leaning Pine Farms, LLC**, Science Hill, Kentucky
- David Coplen – **Birch Cove Farm**, Fulton, Missouri
- Lynn & Donna Fahrmeier – **Fahrmeier Katahdins**, Wellington, Missouri
- Chris & Mandy Fletcher – **Beyond Blessed Farm**, Abingdon, Virginia
- Travis Gilmer – **Gilmer Sheep & Livestock**, Nickelsville, Virginia
- Jim & Sally Hash – **Big H Livestock**, Marion, Virginia
- Milledge & Roxanne Newton – **Hound River Farm**, Hahira, Georgia
- Carol Postley – **Fairmeadow Farm**, Ocala, Florida
- Doug & Diana Saul – **Apple-Oak Meadows**, Springfield, Ohio
- Mike Shortridge – **Shortridge Farm**, Chilhowie, Virginia
- Donna Stoneback – **Wade-Jean Farm**, Loudonville, Ohio
- Eric Voress – **Voress Family Farm**, Sidney, Ohio
- Larry & Lisa Weeks – **Triple L Farms**, Waynesboro, Virginia
- Virginia Tech – **VA TECH Southwest AREC**, Glade Spring, Virginia

Lee Wright, Virginia Tech Southwest AREC (276) 944-2200

OR

Dr. Scott Greiner, Virginia Tech (540) 231-9159

Website -- www.vtsheep.apsc.vt.edu



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Alternative Dewormers

Jim Morgan, PhD, Arkansas

There are multiple reasons that shepherds check out alternative dewormers (see Table 1). Many of us want to minimize the use of chemicals, not have to deal with withdrawal periods prior to slaughter and/or want to be more “organic”. Also, some sheep flocks have worms that no longer respond to some or most of the FDA anthelmintics (dewormers) approved for sheep. We hear about the “new super fix”.

It is important that these alternative dewormers be tested. Most shepherds do not have a large enough group that is not treated with the new alternative dewormer to compare to an equivalent group that is treated with the alternative. If the evaluation does not have

this good control group, then it is not a test. Did the substance appear to work since there were not many worms at the time?

Testing alternative dewormers is the first step. The chemical anthelmintics (dewormers) that are approved and used (e.g. ivermectin in Ivomec® sheep drench; moxidectin in Cydec-tin® sheep drench) typically started

as “alternative dewormers” that were derived from plant or fungal extracts. The pharmaceutical companies identified the “active” compound and the region that consistently kills worms, tested it well and then produced it for us. Natural dewormers do not have that “quality control”. The potentially

**Table 1. Alternative Dewormers
Effect on Fecal Egg Counts**

Substance	Effectiveness against Gut Worms
Garlic Extract, Pumpkin Seeds, Papaya Seeds, Wormwood	Most studies – no effect
DE – Diatomaceous Earth	Most studies – no effect of feeding to livestock
Copper Oxide boluses	Effective in most studies at small doses (0.5 to 1.0 gram) against barberpole worms
Plants with Condensed Tannin Milo Sericea Lespedeza Several other plants with tannins	No effect Effective in most studies (only barberpole worms and coccidia) A few studies in progress

CONTINUED ON PAGE 36

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KHSI Member's Guide

02/14

The Katahdin Hairald is the official publication of Katahdin Hair Sheep International, which provides education about:

- registering individual Katahdin sheep and recording performance
- maintaining the distinct identity of the Katahdin breed
- approaches to promotion and marketing
- summaries of research and development related to the breed

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- Jim Morgan and Teresa Maurer; PO Box 778; Fayetteville, AR 72702-0778
Phone and FAX: 479-444-8441; info@katahdins.org
- Send the following to KHSI Operations (Arkansas)-Completed membership and renewal forms and \$50 for calendar year dues (renewals due by January 31 each year) Note: new memberships and renewals can be paid online by Paypal at website.
- Contact Operations for the following:
 - Request coat inspections before May 15
 - Address changes or other corrections for print or web
 - Copies of histories, breed standards, etc
 - BLANK work orders and registration applications.
Note: forms and materials are printable from website www.katahdins.org
 - Brochures (20 free per member per year; additional at cost) & promotional items
 - Information on members with sheep for sale, anyone wanting to buy sheep
 - Articles, ads, and comments to be published in the Katahdin Hairald
 - Volunteer for KHSI Committees
 - Annual meeting information
- Office Hours (Central time): Monday, Wednesday, Friday (10 am - 3 pm). Calls at other times including evenings and weekends will be answered personally whenever possible.
- Answering machine, FAX and email: available for messages 24 hours per day.

KHSI Registry:

- John Savage, 1039 State Route 168, Darlington, PA 16115
Phone – 724-843-2084; Email – registry@katahdins.org
- Contact the Registry with questions about registration, recording, transferring, upgrading procedures.
- Send the following to the Registry:
 - Completed forms for registering, recording, transferring and naming Katahdins
- Office Hours (Eastern time): Monday to Friday 8 am- 4pm.

KHSI Committees: (Call 479-444-8441 to volunteer; Committee Chairs listed with committee)

Promotion: Roxanne Newton - 229-794-3456

Youth/Education: Henry Shultz – 573-682-7127

Expo Sale: Wes Limesand - 701-235-2114

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Website: Carl Ginapp - 641-425-0592

Classified Ads

Classified sale ads for Katahdin or Katahdin-cross sheep are free to all KHSI members in the Katahdin Hairald and at the KHSI website. For the Hairald, please limit length to 40 words. Sheep Wanted Ads can be placed for free for non-KHSI members. Classified Ad Content due **October 21st, 2014** to KHSI Operations Office for the Winter 2014 Hairald. Contact KHSI Operations, 479-444-8441 or info@katahdins.org.

SHEEP FOR SALE

ARKANSAS

SW Arkansas on Sept 13th. Auction Sale. Commercial Rams, Ewe Lambs, Replacement Ewes. Sheep produced by Crystal White of Murfreesboro, AR & USDA-ARS Booneville, AR 200 head replacement ewes, large # of ewe lambs. Rams 1-2 yrs old & some registerable. Sheep & Goat Buying Center in Hope, AR. Chris Sweat 479-970-6905 Jesse Duckett 870-703-7321

COLORADO

Western CO. Commercial Lambs. Purebred rams & ewes lambs born mid Feb. Selected for pasture-based ranch performance among other attributes. Registered sire has a super rating in the NSIP program 970-216-2807 nfo@emypeople.net Richard Blosser, North Fork Katahdins in Hotchkiss, CO.

FLORIDA

West Central Fl. Registered Fall Born Ram Lamb. Nov born. Sires TKB/JM rams Dams: TKB /JM ewe. USDA Scrapie Export Program SFCP. Luis A. & Sheila A. Gonzalez, L & S Ranch, Masaryktown, FL, 813-731-4412 or 1_s_ranch@earthlink.net Price, pictures and additional information available.

Central FL. Registered & Commercial Lambs. March born lambs. Available registered ewe & ram lambs & commercial ram lambs from show flock (string does not have room for them all). Prices start; \$100 for commercial rams & up to \$250 for registered. 11 lambs. Zephyrhills FFA, Zephyrhills Florida. Kathy Nawlin. 352-521-0301 or zephyrhillsffa@hotmail.com

ILLINOIS

NW IL. Registerable Ewe Lambs. Ewe lambs born March & April. All colors & friendly. They can be registered. \$150 each. David & Jane Boelkens in Lanark, IL. janalee1949@hotmail.com or 815-493-2693 or 815-622-8658

SHEEP FOR SALE

Western IL. Registered Lambs, Yearlings & 2 Yr Olds. Lambs born Jan/Feb. Lambs out of Fine Wine (pictured pg 10, Fall 2013 Hairald, Rack of Lamb Corral) & Shultz Ram (pictured pg.13 Fall 2013 Hairald). A handfull of 50-100% reg. 2 yr old ewes. Joyce Kadel, Kadel Farms, Joy, IL. 309-537-3313 or kadfarm@frontiernet.net

Western IL. Registered QR/RR Ewe Lambs. Sired by a THOR ram & dams from top lines. Born early Spring. Raised on grass, hay & small amount of grain. Ready to go. \$250 each or take all for \$200 each. M. Jane Phillips, Galesburg, IL. 309-344-1138 or janegarden@grics.net

East Central IL. Registered Ewe Lambs. 60 January ewe lambs. Good blood lines. Would like to sell as a group \$13,500 or \$250 each. Zane and Corrina Tally (ZWT), Kansas, IL 217-967-5676 or 217-822-1908 ctally@cvmtec.com

West Central IL. Registered Ewes & Lambs. Ewe & ram lambs, lots of color, born Feb/Mar. 3 registered 2yr. old ewes. \$200 each. Deliver for \$1.75 a loaded mile. Call, Text or Email 309-333-9697 djn@adams.net Dana Nelson, Briar Ridge Farm in Colchester, IL.

South Central IL Registered Ewe Lambs. Eight Dec, 2013 born ewe lambs. Twins from prolific ewes that breed out-of -season. \$250 registered. \$225 if not registered. Rotational pasture based farm, not grained. Joyce Geiler, Tobijah Farm. www.tobijahfarmn.com in Pocahontas, IL. katahdin.shepherd@gmail.com or 618 669-2440.

Sending in Registry Work?

Make sure you have addressed your envelope with a Pennsylvania address.

SHEEP FOR SALE

INDIANA

South Central IN. Registered & Commercial RR/QR Ram & Ewe Lambs. Lambs born late March. early April, ready for pick up late July. White, brown, red, and spotted. Raised on pasture exclusively. \$250-\$350. Dan Kolb, Saint Meinrad, IN, 812-357-7914 or dckolb@psci.net

Registered & Commercial Ewe Lambs. RR Rams. 15 ewe lambs born Feb-April Mostly white, some colored. Nearly all of them are registerable. Two RR Rams. Bruce Weaver of Flat Rock Katahdins in Flat Rock IN. 812-374-7107 or bbweaver@afo.net

IOWA

Complete Commercial Flock Dispersal. 110 ewes plus 2014 ewe lambs. Ranging from ewe lambs to 8 yrs old. Majority 1-4 yrs. Owned core flock for over 8 yrs. 100% pastured raised with virtually no use of dewormers. Excellent mothers keep body condition well with lambs on. \$130-\$170 depending on quantity. Daniel Mai-bach. Bloomfield, IA. 641-208-5305, tmmaibach@juno.com

Central IA. Registered Ram & Ewe Lambs. Several remarkable breeding quality registered ram lambs Feb born. \$200 each. A lot of red in our flock & growing great. Several registered ewe lambs born February 2014. All colors. \$250 each. Email for pics/info. 641-891-1334 jkinion@gmail.com Kole Kinion, Kinion Katahdins, Sully, IA.

KANSAS

SE KS. Ewes & Ram Lambs. Registered Yearling and 2 yr old ewes, some RR. Commercial ram lambs. Emily Wright of Bucyrus, KS. 913-533-2413 or tammyw@birch.net Rocky Road Farm.

Visit the KHSI website
www.katahdins.org

• Past issues of the Hairald

Classified Ads, continued

SHEEP FOR SALE

KENTUCKY

North Central KY. Commercial Ewes. 70 Bred Katahdin Ewes, 1-4 year old, Parasite Resistant, Heavily Culled, \$225 each. Neal & Abbey Lenox of Lenox Ranch, Flemingsburg, KY abbey.laine@hotmail.com, 606-845-8514

South Central KY. Registered Proven RR Rams. Use 5-7 rams per breeding season. Keeping daughters of these three. 2011 triplet RR red, tall, long, nice personality; 2012 RR brown with great disposition, short, wide, muscled. 2010 RR twin born white, long, very large over all. \$400/450 each. SFCP-Export. Linda Cundiff, Scotty Hedgespeth, Hedgespeth Farms, Finley, KY 42718; 270-789-1421, shlchFarm@icloud.com

Central KY. Commercial Ewe Lambs. 25 commercial ewe lambs born Jan/Feb. A very uniform group averaging 90 lbs (July 7th), in excellent health, ready to be bred in the fall. \$250 each or \$5000 for all 25. Four Hills Farm, Salvisa, KY. Jim Mansfield. www.fourhillsfarm.com or 859-865-4962 or fourhillsfarm@earthlink.net

SE KY. Registered & Commercial Ram Lambs. Born Jan-March 2014. Commercial rams start @ 250 each. All of our registered rams are RR gene tested. \$500. ea. All white. Pictures on website, Bobby Grider, Stablerock Katahdins, Jamestown, KY. 859-339-1906 or www.stablerockkatahdins.com or stablerock@hotmail.com

RR Yearling Ewes & Ewe Lambs. Yearling ewes, ewe lambs (Feb-Mar). Sires: JDK, CRS, JC. Dams: LSH & DHS. Selected for parasite resistance, performance on pasture and low maintenance for meat production. \$350-\$450 ea. 10% discount on 10 or more. SFCP-Select Program. 502-321-6529, sforrest@hughes.net Sheridan Forrest, Shelbyville, KY.

Did you forget to donate to KHSI Youth?

Send donations for Youth Scholarships or Premiums. Can write donations off as Farm/Ranch Expense.

SHEEP FOR SALE

MARYLAND

Central MD. Registered RR Ram & Ewe Lambs. Feb born triplets/twins. 4 ewe lambs \$325 ea & 3 ram lambs \$250 ea. ZERO parasite issues in four years of breeding. Available 10 August. Pics available. Michael Yench, Harrogate West, Sykesville, MD. 410-262-5599 or harrogatewest@verizon.net

MINNESOTA

Southern MN. Registered & Commercial Lambs. Quality ewe & ram lambs sired by a Stromquist ram. Ewe flock out of Kennedy, Dosch, & KRK. Big volume - Strong maternal traits. You'll find cheaper sheep, but won't find better ones. Judy & Brian Madsen, Straight River Lambing Company, Faribault, MN. 507-451-2722 or artm@reliancebankmn.com

MISSISSIPPI

Southern MS. Registered Ram Lambs. Three lambs born Feb-April 2014, Codon tested RR. Registered stock out of MVF Magnum and EMB Chief. Parasite resistant herd. \$400. Don & Carolyn Booth, Sandy Ford Ranch in Perkinston, MS. 601-928-7094 or cbooth@reagan.com

MSSOURI

East Central MO. Commercial Ewe Lambs. 100 commercial ewe lambs out of registered Katahdin stock. Born in Feb, March of 2014. \$225 per head or \$175 per head if you take all. Circle L Ranch in Troy, MO. Jim Lovelace at 573-384-5398 or jameslovelace@hotmail.com

Registered Proven 4 Yr old Ram. Very good quality, proven QR ram. White with few tan spots, strong genetics for parasite resistance, pasture/hay raised. Sire/dam from Dave Coplen, Fulton MO. Need to sell by early fall. Will replace with new ram. Ron Bernard, Sturgeon, MO. 573-673-1869 or ronbernard99@me.com

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SHEEP FOR SALE

NEBRASKA

SE NE. Registered RR & QR Rams, Ewes & Lambs. SFCP-Select (Scrapie Program). RR and QR codon tested. All colors and white. Gentle. Excellent size and disposition. Cheryl Hill, Rolling Hills Farm, Wahoo, NE. 402 443 5174 or www.rollinghillfarms.com or paul.hill@pc2mediaspecialties.com

SE NE. Registered RR Mature Proven Ram, Yearling Rams & Lambs (ram & ewe). 2012, proven, brown twin RR ram. Yearling RR ram twin born. Registered, RR 2014 ram & ewe lambs. Mar/Apr born.. Pasture raised. SFCP-Select. Lori French, Nemaha Hill Farm in Ceresco, NE. 402-217-6217 or lori.french@nemahahill.com or www.nemahahill.com

OHIO

SE OH. Registered Ewe Lambs. Ram Lambs. Yearling Rams. 150 plus ewe lambs, \$300 each. Also yearling rams & ram lambs. Colors include white, red, tan, crème, chocolate, spotted, splashed & black. Sired by our Top Ram, Teresa Elliott, Goldstrike Mountain Farms. Scottown, OH. www.goldstrikeboergoats.com or 740-547-7924 or goldstrikeboergoats@yahoo.com

OKLAHOMA

NE OK. RR Registered & Commercial Yearlings & Lambs. \$150 RR Registered ram & ewe lambs. 5 commercial ram lambs \$75-100. Lambs born late March-early April & are twin or triplet. 2 nice big long bodied yearling rams RR and twin or triplet. SFCP-Select. cell 918-625-6045 (text OK). jilldeck2000@yahoo.com Jill Deck. Tulsa, OK.

PENNSYLVANIA

Central PA. Registered Ram Lambs. Best of this years lamb crop. Codon tested 171. Pics & prices posted at www.oldemcmillenhomestead.com All lambs are registerable. Please feel free to contact me with any questions 717-789-4851 and ask for Caroline. Caroline McMillen, Olde McMillen Homestead, Loysville, PA. cmcmillen@embarqmail.com

Classified Ads, continued

SHEEP FOR SALE

PENNSYLVANIA, continued

Western PA. Purebred Ewe & Ram RR Lambs. 10 ewe lambs & 8 ram lambs, Purebred but not registered. RR - so scrapie resistant. \$200 each. Carolyn Lash, Adrian, PA (Western PA) 724-545

TENNESSEE

Eastern TN. Registered RR Ram Lambs. RR ram lambs for sale. Born March. Health records available. Contact us for more information. Hidden Springs Katahdins in Powder Springs, TN. Jody or Amie Winstead. 865-742-9702 or jaw013198@aol.com. Delivery available

Eastern TN. Registered Ram Lambs. Eight ram lambs tested scrapie RR & spider NN qualifying them for Tennessee's Agriculture Enhancement Program (TAEP) cost share. Born late March/early April from a long line of prolific sires with outstanding genetics. \$400. Jeff Bailey of Rybirdi Farms, Chuckey TN. 423-639-0779 or jb@rybridi.com or www.rybridi.com

Eastern TN. Commercial Ewe Lambs & Ram Lambs. 24 ewe lambs and a few select ram lambs. All March/April born. JAG sire bloodlines. Call Sherri @Triple B Farms, Bulls Gap, TN. 423-921-2485 or www.TripleBFarmsTN.com or TripleBFarmsTN@gmail.com

Eastern TN. Registered Proven Ram. Out of the Pasture Ram Test at Virginia Tech. Will transport within a 50 mile radius of Knoxville, TN \$450, Crystal Yates, Arcadia Farm of Sey-

SHEEP FOR SALE

mour, Seymour, TN. 865-607-4004 or crystalnyates@hotmail.com

TEXAS

NE TX Commercial Ewe Lambs. 30 April born ewe lambs weaning off 07/07/14. 100% grass/forage fed commercial Katahdin flock. Interstate health papers available at additional charge. Email for photos. \$4500 for whole group. Price good until September 1. Then price increases \$15/hd. Paul Magedson, Good Earth Organic Farm, Celeste, TX. 903-496-2070 or mail@goodearthorganicfarm.com or <http://www.goodearthorganicfarm.com>

NE TX Registered Ram Lambs. Jan born. Selecting for twinning performance on forage with minimal grain for moving. adj weights available. Sired by 2012 or 2013 Grand Champion Ram, Midwest Stud Ram Sale. Transportation available within 150 miles for fee. Donya Tomlin, Viking Ranch, Rockwell, TX. 972-689-3356 or vikingranchtx@yahoo.com

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Central WI. Flock Dispersal. Changing to dairy. Improving flock for 7 yrs. Source for WI & MN flocks. Many repeat buyers. Low input selection, each ewe takes approximately 3 hours/yr to maintain. Lamb on open pasture with only 3 sided shed for winter protection. Price \$120 to 250 ea Michael Seibel, Folklore Farms, Stratford, WI. 715-387-8219 or mike@folklorefarms.com

www.katahdins.org

ALTERNATIVE DEWORMERS, CONTINUED FROM PAGE 32

effective compound can have tremendous variability due to time of harvest, season of year, amount of rain, soil fertility and many other factors. For example, all garlic and pumpkins seeds are not the same.

In the United States, the small ruminant researchers and veterinarians in the American Consortium for Small Ruminant Parasite Control (acsrpc.org) have done some research on alternative dewormers. They have not been able to show that many work. But they have success with two alternative dewormers. One is very very small amounts of copper oxide and the other is the plant sericea lespedeza. These only work on the barberpole worm and are a useful tool in the tool box for controlling the main worm that causes mortality in Katahdins. Since the scientists do not yet understand how the condensed tannins in sericea work and can't control how much of the tannin is produced there are occasionally trials in which the sericea lespedeza is less effective. We look forward to more studies (more information on www.acsrpc.org)

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KHSI thanks Ketcham's Sheep Equipment of Edwardsville, IL for providing a lunch for the youth who showed in the Leroy Boyd Memorial Youth Show at the Midwest Stud Ram Sale in Sedalia on June 23, 2014. The youth and their families were treated to cold drinks and sandwiches.

www.ketchamssheepequipment.com