

### Welcome New Members

### August 15 - December 1, 2018

#### 

Grace Price ......Greenbrier, AR Shawna Clay of Pink Stock.. Deland, FL

Erin Israel of Izzy Farms ......Geneva, FL

Sarah Geyman of Geyman Family Farm ...... Bonner Ferry, ID

Parker Sellers of Cherry Grove Farm....
Somerset, KY

Jacob Fontenot ...... Rayne, LA

Seth Robinson of Lily Grace Katahdins
......Slaughter, LA

James Wisner of Log Cabin Farm......
Three Oaks, MI

Abbeygail Collins .....Carl Junction, MO

Trenton & Payton Harker of Harker Farm ............ Mountain Grove, MO

Gabriel Williams of White Hawk Farm ...... Neosho, MO

Brandon Zuercher of Zuercher Genetics.....Jenera, OH

Caleb Rodgers..... Yoncalla, OR

Karson Kauffman of Intergrity Farms...

Morrison, TN

#### **Full Voting Members**

Farm ...... Marshall, AR

| Tonya | Thomas | of | Thomas | Family  |
|-------|--------|----|--------|---------|
| Hom   | estead |    | Aub    | urn, CA |

Lisellot Casasnovas of N2M LLC...... Miami, FL

Aleida & Ramon Jimenez of Hoofin's Around Barn ...... Miramar, FL

Daniel Turlington ...... Wildwood, FL

Roxanne Becker & Ronald Ross of R 'N D Farm ...... Saint Joe, IN

Nathaniel Brundidge of Starlit Valley Ranch...... Osceola, IA

Linda Deeds ...... Springville, IA

Danny Garrett of Garrett Farms.....

Paducah, KY

Mark Haupt of #LambFactory.....

......Springfield, KY
Mervin Miller of Lone Oak Katahdins...

.....Munfordville, KY

Jonathan Overholt of JC Cattle ........................ Auburn, KY

Mark Riley of Eagle's View Katahdin....
West Paducah, KY

Mervin Yoder of Hilltop Haven Farm ...

Horse Cave, KY

Grant & Samantha Wolfe of North Wolfe Farm ...... Levant, ME

David & Nancy Greene ......White Hall, MD

Creighton & Amber Brown of Horizon Hills Katahdins .......... Republic, MO

Charles & Judy Myers of Charles & Judy Myers Katahdins .... West Plains, MO

Bruce Hammond of Bliss Farm .....

.....Lyme, NH

Irene Swasey of I Believe Ewe ......Orford, NH

Scott & Sandy Hansen of Llama Trax Ranch......Valley City, ND

Jack Warne of Warne Farms......Cambridge, OH

Craig & Gail Campbell..... Ochelata, OK

Melanie Fearnside of Scio Farms 226.. LLC ......Scio, OR

Roy Kerlin of Morning Star Meadows....Ligonier, PA

Mark Clements of Stoneboro Katahdins...... Heath Springs, SC

Jared & Kati Lynn Knock of Melham Ranch......Willow Lake, SD

Cindy & Jeff Crosslin of Double C Farm
......Hillsboro, TN

Theresa & Charles McCoy of Shepherds Hill Farm ......Cornersville, TN

Jeanette Norman......Columbia, TN

June B Cornish of St. Francis Acres......
Tyler, TX

Samuel Oakley of Brazos Valley Farm... Waco, TX

Judith & Arthur Sheridan of Bluestem Farm ......Weatherford, TX

Josh Bartlett of Urban Valley Farms .... Galax, VA

Brian Bays of Shiloh Hill......Pulaski, VA

Gilmer & Charlotte Childress of Mountain Top Farm ...... Haysi, VA

Jason, Mary & Hannah Geesaman of J Mar Farm......Cullen, VA

Scott and Nikki Shupe of Twisted S Farms......Fries, VA

Kurt Beidler of Coffeetown Farm.......Vashon, WA

Mary Tonkin of Shadow Mountain Katahdins......Buckley, WA

# Wishing Everyone a Happy Holiday Season and Prosperous 2019

#### Winter 2018

VOLUME 30 ISSUE 4



Jim Morgan & Teresa Maurer, Editors info@katahdins.org

> Gail Hardy, Graphic Designer gail@xpressionsonline.us

#### **KHSI Operations**

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#### KHSI Registry

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#### KHSI Board of Directors

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#### Advertising

Display Ad Rates★: 2019 rates on page 2. Contact Operations for ad specifications at 479-444-8441 or 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 Spring 2019 Hairald due February 13, 2019.

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

Ad design available from:

Gail Hardy, Xpressions, Graphics Specialists 479-439-0726 • gail@xpressionsonline.us www.xpressionsonline.us





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Cover: "Awesome Morning", photo by Matt Nolt, Pennsylvania, 2018 KHSI Photo Contest Pictured Above: "Quiet Winter Morning", photo by Karen Kenagy, Oregon, 2017 KHSI Photo Contest Pictured Left: "Katahdins - Winter Hardy", photo by Caleb Pirc, Idaho, 2017 KHSI Photo Contest



Henry Shultz, KHSI President

2018 has almost come to a close and this year I have gotten to travel to several KHSI events and meet lots of breeders with a great passion for our breed We all have different goals for our flocks and the diversity of the Katahdin is what makes us the breed in the lead.

The KHSI board has several new promotion ideas for the next calendar year. Our leadership can help us all with promotion and education, but promoting Katahdins is the responsibility of every individual breeder. My first experience with Katahdins was when I purchased a Katahdin ram from the neighbor as a teaser ram for my wool flock. I was very impressed with the fact that "Tator" could survive on a minimal amount of feed. I eventually replaced all my wool sheep with a group of Katahdin ewes from a reputable NSIP flock. These productive animals can sell themselves after you put them on your farm.

I promoted Katahdins by giving my neighbor girl a Katahdin bottle lamb. She retained the ewe as a breeder who consistently had twins and did a super job of raising her lambs. Their wool flock is now replaced by a small flock of Katahdins. If you make the first step, Katahdins can prove themselves. I have sent ewe lambs to the neighbor with preschool age twins to show in the peewee classes at our local fairs. Katahdins only require washing and brushing which makes them really easy to show. People at the shows ask about them and some had never seen a Katahdin before.

I recently read a statement from the owner of a prominent NSIP flock. They said they would probably not have Katahdins now if they had not seen them at a local fair. They also replaced their wool flock with Katahdins. The Missouri Katahdin Association recently showcased Katahdins at the Ozark Farm Fest in Springfield, MO. Katahdins were displayed and some of our Missouri breeders spent the weekend talking about Katahdins. This three-day event has an annual attendance of 60,000 people.

We sometimes need to think out of the box and reach out in new areas. I always enjoy attending our Katahdin events and talking about raising Katahdins with other breeders, but sometimes we are just preaching to the choir. Sometimes you have to step out of your comfort zone to promote and educate people about our breed. We all raise Katahdins with different qualities. Some flocks focus on marketing at 70 pounds, and many need a lamb to reach a market weight of 125. Parasite resistant Katahdins are now grazing at solar panel farms on the east coast. The diversity of our breed

helps make the Katahdin popular. Other methods of promotion include advertising and social media, but first hand contact can often be the best method. Look, see and feel a Katahdin. Treat customers as you want to be treated. Don't sell anything that you wouldn't buy yourself. Be honest. Strive to improve the animals in your own flock. Identify and reach out to new customers. Support and work with the youth.

Wishing you all a Merry Christmas and Happy New Year! See you again in 2019.



#### 2019 Katahdin Hairald Display Ad Prices & Publication Schedule Member Commercial **Sheep Ads Advertisers** Cost-Color Ad Ad Size Cost-Color Ad full page ......\$330 1/2 page.....\$130 ......\$175 1/4 page.....\$70 ......\$90 1/8 page (business card)......\$45 ......\$55 2019 Hairald Publication Schedule Spring Summer Fall Winter Article Deadline/Display Ad commitment deadline (inc. ad size)....... Feb 13...... Apr 17 ......Jun 4 ......Oct 23 Display Ad content due to Xpressions ...... Feb 19 ...... Apr 23 ......Jun 11 .....Oct 29 Classified Ads due to Operations...... Feb 19...... Apr 23 ......Jun 11 .....Oct 29 Mailing date (Bulk Mail) ...... May 17...... Jul 5...... Nov 22 Advertisers who agree to advertise in 4 consecutive issues receive a 10% discount on each ad. The prices listed in the table above are for finished ad copy. It is the responsibility of

each advertiser to either produce the final copy themselves or contract for that.

# Guide to Katahdin Hair Sheep available. Download from the "Magazine" tab at www.katahdins.org

or send \$3 to KHSI Operations, PO Box 778 Fayetteville, AR 72702

### Dr. GF "Doc" Kennedy (1935-2018)

Obituary published by Hartquist Funeral Home, Pipestone Minnesota

Doc Kennedy was a shepherd. He was a shepherd of livestock and

people.

He was born on March 17, 1935 in Humboldt, Iowa. He did all the usual and ordinary things; went to school, college, Veterinary School, fell in love with his high school sweetheart, Kay. They married while Doc was still in Veterinary School. Kay worked his way through Vet School; he was so grateful for her support. He graduated in 1960 from Iowa State University and they moved to Pipestone, MN to practice and raise their family of four daughters. Pipestone has been his home ever since.

Kay passed away in 1996. In 1998, love entered his life for the second time and he married Deb. Together, they have six children, 12 grandchildren, and two great grandchildren. He and Deb farmed with partner, Gary Gorter and have 150 registered Katahdin female sheep. He worked as a Veterinarian his entire life, over 58 years; retirement was not in his vocabulary.

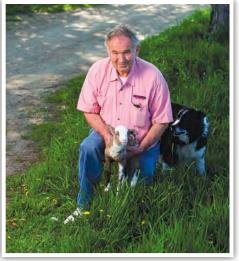
Being a Veterinarian was not only Doc's vocation, it was his passion. He especially enjoyed sheep; working with large feed lots and ewe flocks as a result of the Pipestone Lamb and Wool program, which he helped develop. He served on the boards for the Dorper and Katahdin breeds and on the ASI health committee. He authored two books on sheep health. He was involved in all aspects of practice: auction market work, dairy, beef, swine, an occasional dog or cat,

and even one monkey. He was the vet who could do it all!

In the 80s he was lead Veterinarian on the first exports of dairy cattle to China and Indonesia. In the 90s he co-created the Pipestone System, an integrated swine production system owned by its farmer members, involving 200,000 sows that result in over 5,000,000 pigs per year. He received the Camp Tender award from ASI, and is a member of the Minnesota Agricultural Hall of Fame and the Pipestone Lamb and Wool Programs Hall of Fame. He was a managing partner of Pipestone Artificial Breeders, a leader in swine semen production for 18 years. He loved the Pipestone Community, serving for many years on the bank board and the school board.

Doc loved America, his Minnesota Vikings, showing his various purebred sheep flocks, fishing in Alaska, and hunting in Minnesota, South Dakota, and especially New Mexico. Pets were an important part of his entire life. He loved all his pets, even though some folks did not. At the time of his death, he enjoyed the companionship of six dogs, and three garage cats, and way too many farm cats.

Doc lived his life caring for animals and their owners, his employees, and partners. Through the years, he and Deb shared their home with many vet students, who were interning at the clinic. The spirit of altruism was strong in him. He believed in order to be successful; it was essential to put self-importance on the back burner. He believed every deal needed to be a win-win. He took much pride in the accomplishments of people he mentored, from business partners, to



employees, to vet students, to all the "farm kids" that have worked for him. He loved to see them succeed.

In the Bible, Jesus said, "I am the good shepherd; I know my sheep and my sheep know me." Doc Kennedy, the earthly shepherd, is known by the Holy Shepherd, and called by name, and on Monday, November 12, 2018 he departed to his heavenly home. He was preceded in death by his parents and his beloved Kay. He is lovingly remembered by his wife, Debra (Salzsieder) and children; Kim (Phil) Schaefbauer of Baxter, MN; Jacque Kennedy of Pipestone; Diane Kennedy (Mark Dahl) of Luverne, MN; Barbara Kennedy (Eddie Dyson), of Crystal, MN; Bill (Mandi) Trebbe of Ft. Pierre, SD; and Adam (Ammie) Trebbe of Colorado Springs, CO; 12 grandchildren; and 2 great-grandchildren.

In lieu of flowers, the family prefers memorials to the GF Kennedy Memorial, this memorial will be distributed amongst the St. Paul Building Fund, to the Kennedy's church in Alaska, Sanford Luverne Hospice, and the Youth Sheep Show in Louisville, Kentucky.





### **Emily Sees the Dentist**

By Debbie Haluka, Georgia

Operations Note: The following article is edited from a longer piece that we received. We answer calls from people asking about "green slime" on their sheep's head and neck. KHSI member Debbie Haluka decided to learn more about the cause and found a solution that might work for other sheep producers too.



Emily is one of my best girls. She is a total sweetheart and an excellent mother. She has raised me some of the prettiest babies and has earned herself a place in my heart. Emily had developed a problem though: she was losing stinky green cud all down her chin.





These pictures really don't do it justice, as this is just the dried on stuff. If she had been recently chewing her cud on a bad day, it would be super wet and green around her mouth especially.

Sheep are ruminants. They chew their cud like a cow does. Except Emily would often lose part of the halfway fermented green stuff all down her chin from out of the sides of her mouth. It was a nasty surprise when you went to give her medicine or pet her and ended up with a green, wet, smelly hand. Sometimes the dried up and caked on remains would reach all the way down to her chest. She was turning into a picky eater, especially over the winter when there was no grass and it became more noticeable. If something wasn't appetizing enough, she didn't want to bother. Occasionally, if she was drooling especially badly, the other sheep would refuse to share a feed pan with her! Well, that's one way to have more grain for yourself I suppose.

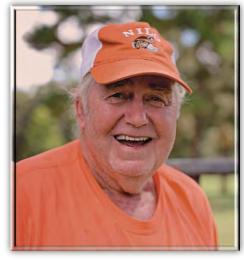
This past winter Emily had a harder time holding her weight. She wasn't super skinny just not in the condition she should have been. Birthing seemed more difficult for her in early spring. Her twins this time were healthy, but didn't weigh quite as much as her two babies had the previous year. Despite all this, she still loved her babies and gave them everything she had. (They have since caught up fine too.) She didn't seem to act like she was in any pain. There were no signs of infection. The problem would come and then seem to get better for a few days and then return. And once the grass began to grow again, she picked up her weight and recovered fine. She would still often lose her cud though. I knew I needed to figure out something before the next winter hit.

Now before you call me a bad farmer for not finding out what was wrong with her sooner, bear in mind that I could find no information on any of this besides discovering that apparently a small number of sheep occasionally have this issue. Finally I decided to have my horse vet examine her. (There are no vets in our area that specialize in sheep. I am grateful that my vet has been so helpful to me.) He

stuck his fingers into the side of her mouth and emphatically declared that her teeth were sharp. I know this probably sounds like a rather obvious assessment should someone stick their fingers into any animal's mouth that has teeth, but what he meant was that they needed "floating." For any of you that have horses you will know exactly what I'm talking about. For the rest of you, I shall explain.

Sheep's teeth, like horses' teeth, grow continuously like our fingernails do. Because they spend so much time eating grass though, they naturally wear them down. Horses are notorious for wearing their teeth unevenly into sharp points that cut the insides of their mouths, creating the need for filing or "floating" the rough edges out so the animal can chew and eat his food normally. Sheep spend even more time chewing than a horse does because they chew their cuds. Theoretically speaking therefore, a sheep should be less likely to have problems requiring dental assistance.

"I can fix this for you," explained the vet, "I just don't have the right sized float!" Needless to say, a sheep's mouth is quite a bit smaller than a horse's. Emily would need a tiny sized mini float you might use on a miniature horse. The vet recommended I call equine dental technician Tommy Kerr.



I am so grateful that this special man was willing to take the time and accept the challenge of working with

CONTINUED ON PAGE 6

#### HOS Genetics

### Circle S Farms

We started our flock from Todd and Renee Bauer at Rack of Lamb Corral in Windom, KS. We bought 17 fancy registered ewe lambs from their 2018 Spring lamb crop to get us started in the right direction. We also bought several stud rams. We looked at a lot of sheep and when we walked in the barn door at Rack of Lamb Corral we knew right away what direction we wanted to go in with the registered side of our operation.

We also have 300 commercial breeding ewes. All of our commercial ewes will also be bred to the stud rams we bought from Rack of Lamb Corral.

#### **Stud Rams**:



DOCTOR
Jr Champion NAILE 2017



PISTOL

1st in class NAILE 2015



TRB 1004
1st in class Sedalia 2018

#### **STUD RAMS NOT PICTURED:**

- First Ever (Champion NAILE 2012)
- TRB 1099 (Sister was Reserve Champion Sedalia 2018)
  - Everything (1st in class Sedalia 2018)

#### Call Today and get on the list for 2019 Spring Lambs

Circle S Farms
Owners/Operators Sidney and Seth Hostetler
161 Wildlife Rd. • Buffalo, MO
1-417-733-2171
1-417-733-2172

a sheep! Tommy, as he prefers to be called, has been working on horses' teeth for 44 years. He learned the trade from a vet while he was working at the racetrack. He passed on his skill to both of his sons too. In fact, one of his sons took care of the Clydesdales' teeth for Anheuser-Busch for many years until the company sold and separated from Busch Gardens in 2009.

Tommy quickly ascertained the offending molars and was able to file down the sharp edges with special metal hand files that work a bit like fingernail files. He told me that her cheek on that left side was pretty sore from being cut by her sharp teeth. I felt bad knowing now that she wasn't being picky for no reason, her cheek was hurting! I expect that some days were worse than others depending on if she had recently bitten her cheek particularly badly.

Tommy helped me lie her down on her side and I sat on her and held her as best I could for the procedure. He filed both sides to get everything as correct as possible, but it was really just two molars on the upper left side that were the problem. Tommy explained to me afterwards that upper molars are going to curve out with wear and cut the cheek, while lower ones are going to curve in and cut the tongue. She held perfectly still on the right, but when it came to that left side she kicked a couple of times because it was so sensitive.

So how is it that I've never heard of anyone floating a sheep's teeth before? (Emily was Tommy's first sheep patient ever!) Is it that uncommon for them to actually need this type of dental service? The answer I believe is two-fold. First, as previously mentioned, sheep just don't have the same propensity towards having this issue

as much as horses do. Secondly and perhaps even more importantly is the matter of simple economics. Sheep are a livestock bred for meat and or wool, and when an animal doesn't perform up to snuff, she is simply culled from the herd, often before finding out exactly what the problem actually is.

For me, Emily is both loved by me and a valued member of a registered breeding flock. She has demonstrated excellent mothering and shown great parasite resistance, passing down that resistance to her nicely conformed offspring. That being said, for me it was well worth the reasonable fee to have her teeth fixed. It was easy and fast and I am happy to report a marked improvement! It has been three weeks now and no more nasty green chin! Of course there remains the possibility that it may need to be done again in the future, but with horses anyway, it can sometimes be several years before that need arises again.

### Jan 31 - Deadline for 2019 Dues at Earlybird Prices



### 2019 Katahdin Expo in Tennessee Will Feature Top Notch Speaker Plus Second International Katahdin Congress

Mark your 2019 calendars now for August 15-17! KHSI returns to the Hyder-Burk Pavilion at Tennessee Tech University in Cookeville Tennessee site, which hosted successful well-attended KHSI Expos in 2013 and 2016.

KHSI is especially excited that Dr Temple Grandin is confirmed for our event. Dr. Grandin is a professor at Colorado State University and is a world expert on practical methods for humane handling of livestock. Her research continues to influence the design of livestock handling equipment and processing facilities throughout the livestock industry. Dr Grandin says her autism is instrumental in understanding what animals fear and how they react to movement and handling facility structures. She has helped produce videos for the

American Sheep Industry Association (ASI) on humane handling of sheep. You may have seen the highly rated HBO biographical film "Temple Grandin" starring Claire Danes, released in 2010.

The KHSI Board is working on the list of other presentations, workshops and activities that will benefit KHSI members and attract shepherds from other breeds interested in learning more about Katahdins.

A unique addition to the 2019 Expo is an International Session in which speakers from countries with Katahdins will be invited to speak. Their topics will include how Katahdins have adapted and are being used in the Americas, useful producer information that they provide to shepherds in their own country and how they promote Katahdins to other countries. The goal will be to include speakers with Katahdin experience from Canada, Mexico, Venezuela, Dominican Republic and Colombia.

# Have you scheduled your 2019 Dues Payment?



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### Soyhulls in Sheep Diets

Taken from "Utilizing Soyhulls in Livestock and Dairy Rations"

By Julie Walker, Alexo Garcia, Jeff Held & Bob Thaler, South Dakota State University Extension, Igrow Program Publication

Editor's Note: Versions of this article have been published previously by South Dakota State University Extension. This article is extracted from a 2013 publication. The portions relevant to sheep producers are included but beef, dairy and swine sections are omitted.

Soyhulls are a co-product of soybean processing. The soyhulls are the seed coat of the soybean (not the pod) and makes up approximately 8% of the soybean.

When soybeans are rolled or flaked, the soyhull pulp pops loose from the meat of the seed. The soyhulls are very lightweight and once loose can easily be removed from the seed by air. The soyhulls are ground and can be added back to the soybean meal to produce

44% meal, or they can be used as a feed stuff in various type of livestock and dry rations.

#### **C**OMPOSITION

The National Research Council (NRC) Requirements of Beef Cattle (7th Revised ED, 2000) lists the composition of soyhulls on a dry matter basis as follows:

Total Digestible Nutrients 80% NE Maintenance .88 Mcal/lb NE gain .59 Mcal/lb Crude Protein 12.2&

The complete separation of the hulls from the meat of the soybean during processing is unlikely. The NRC values reflect the expected average nutrient composition of soy composition of soyhulls removed during processing. Differences in processing efficiency lead to variation in nutrient composition. Analyzing each load of soyhulls for crude protein is strongly recommended to allow for cost effective ration balancing.

Soyhulls are approximately 90%

dry matter. Soybean processors provide a guaranteed analysis for the soyhulls they sell. For example, the guaranteed analysis (as fed basis) at South Dakota Soybean Processors (Volga SD) is as follows:

Crude Protein, min. 9.0% Crude Fat, min, 0.5% Crude Fiber, max. 38.0%

The guaranteed analysis represents the minimums or maximums for the various components, and as explained previously, it may not represent the actual composition of the soyhull product needed for ration balancing. The level of crude fiber in soyhulls is similar to low-quality grass hay. However, since soyhulls contain very little lignin, the fiber in soyhulls is highly digestible compared to the fiber in most forages. Due to the characteristics of the fiber, the energy value for soyhulls is similar to feed grains when properly added to livestock and dairy rations.

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Both pelleted and unpelleted soyhulls can be used in livestock and dairy rations. Pelleted soyhulls have a higher bulk density and are easier to store and transport. The pellets also are less susceptible to wind losses during transportation and feeding. The unpelleted hulls are typically 2 to 3% higher in dry matter and cheaper to purchase. Thus each producer will need to decide which physical form works best for their storage, feeding, and management conditions.

(Editor's note: Skipped section on soyhulls in Beef Cattle ration)

#### SOYHULLS FOR SHEEP

Since 2001 researchers at South Dakota State University (SDSU) have conducted numerous studies with pelleted soyhull based diets for ewes and lambs. Their work has shown that soyhulls are an excellent source of energy for a ewe diet. Results from SDSU lamb growth performance trials with soyhull based lamb diets have demonstrated similar gain performance compared to traditional diets with corn as the primary source of dietary energy. Research at SDSU has found in soyhulls a highly palatable feed ingredient with a unique nutrient profile and broad diet formation flexibility for sheep.

Based on results from SDSU trials recommendations for use of sovhulls in ewe diets include substitution for forage or grain and ad lib access via self-feeders. High palatability and the non-starch properties of soyhulls enhance diet formulation flexibility for a ewe flock. Self-feeding soyhulls, 100% of diet, to mature ewes proved to be a breakthrough in flock feeding management practices in the US especially the Midwest. The feeding management practice can be implemented with minimal adaptation. It is common for ewes to be moved from pasture directly to self-feeders stationed in drylot. The studies have shown that with free choice access to

pelleted soyhulls a mature ewe will consume feed at a level approximately equivalent to 3.5% of body weight, 180 lb ewe @ 3.5% BW = 6.3 lb (As is basis). Given the expected intake the nutrient requirements, energy and protein for ewes are met or exceeded for most phases of production except lactation. During the lactation using a mixture of soyhulls, dried distiller's grain plus soluble (DDGS) in a ration 80:20 to 90:10 has proven to be very effective. For more details on soyhull inclusion in ewe diet formation see ExEx 2052 (https://openprairie.sdstate.edu/extension\_extra/75/)

In 2004 researchers at SDSU demonstrated that lamb finishing diets consisting of soyhulls or corn with DDGS resulted in equal lamb growth performance. Results from this study showed that consumption of the soyhull based diets was higher by an additional 0.5% of body weight compared to a more traditional cornbased diet formulation. With higher feed intake and equal growth performance the computed feed efficiency favored the corn-based formulation. Following these initial finds several other lamb feedings studies were conducted to determine the effect of various dietary levels of soyhulls on lamb growth efficiency and health. In two studies negative effects consistent with sub-clinical acidosis were observed when lambs were offered ad lib access to soyhull based diets containing 25% corn. For more details on lamb diet formulations see ExEx 2053 (https://www.sdstate.edu/sites/ default/files/2017-01/ExEx2053.pdf).

SDSU Research has clearly demonstrated a broad range of uses for soyhulls in diets for sheep. However, whether or not a producer chooses to use soyhulls will be dependent on comparative economic advantage vs. other ingredients. To help make these decisions ingredients should be compared on a nutrient cost basis, \$ per pound of nutrient. Soyhulls are best

classified as an energy feed ingredient therefore comparisons would be based on \$ per pound of TDN or calories.

Analyses have shown that soyhulls contain about 17 parts per million (ppm) copper, which is slightly higher than what is typically found in traditional forages and grains (8-12 ppm). Prevention of copper toxicity is a high priority. Both the dietary intake of copper and the level of the mineral molybdenum (Mo) in the diet are the important considerations in copper toxicity prevention. Molybdenum can bind to copper in the gastrointestinal tract to reduce the quantity of copper absorbed into the body. Although soyhulls have slightly higher levels of copper than traditional feeds, no reported cases of copper toxicity associated with soyhulls have been documented in the past decade. Offering sheep free choice, a commercial sheep mineral containing Mo is the best method to supplement this mineral and other essential minerals to sheep.

(Editor's note: Skipped sections on soyhulls in Dairy Cattle & Swine rations)

#### **SUMMARY**

Soyhulls can be used efficiently in many types of livestock and dairy rations. Their unique fiber characteristics make them an excellent energy source for ruminant when they are fed with low- to moderate-quality forages.

However, soyhulls are a poor source of roughage (effective fiber) when included in higher energy rations. When fed according to recommendations, soyhulls generally can be comparatively priced on a pound-for-pound basis with corn.

Due to differences in processing efficiency, the actual composition of soyhulls can vary from the guaranteed analyses. Therefore, analyze each load of soyhulls to allow for least-cost ration balancing.

#### DID YOU FORGET TO DONATE TO KHSI YOUTH?

Send donations for Youth Scholarships or Premiums.

Can write donations off as Farm/Ranch Expense



### 2019 Midwest Stud Ram Sale: Changes for Consignors & Buyers

The Midwest Stud Ram Sale events have a similar schedule to last year with the whole event lasting from June 24-29 at the Missouri State Fairgrounds in Sedalia, Missouri. Katahdin events kick off with The Leroy Boyd Katahdin Junior Show on Monday June 24 at 9 AM. The Katahdin Open Show starts at 8 AM on June 25 and all Open Show Katahdins sell at 8 AM Thursday June 27th.

There are three changes for 2019 that sale managers recently pointed out. Consignment fee has increased from \$20 to \$30. A checkout fee for out of state buyers of \$5/destination will be charged. Why are there additional costs? The sale management group, Heartland Livestock Services, LLC, is being charged a larger amount to be bonded to host a large sale. This increased their overhead. Federal regulations require that all entities that sell sheep by commission have to purchase a bond. The additional \$5 checkout fee covers increased costs

by the DVMs who write the interstate health papers. The \$5 covers all sheep transported to one location. Whether you buy 1 head or 15 head, you will only be charged a flat fee of \$5 per destination. This \$5 covers the coast of a new global vet online service. This service greatly speeds up the issuing of interstate health papers and will get you on the road faster after the sale.

The third change is that the online catalog will allow the consignor to post internet links for two photos and one video per consigned animal. Consignor will be responsible for finding hosts for the actual photos and videos. Consignors with websites can post pictures at their website or Facebook pages. Another option for videos is YouTube, https://www.youtube. com/, a site that makes it easy to post your own videos online. This should help buyers look at information on the sale sheep ahead of time and will be especially helpful for those that plan to bid online.

Watch the 2019 Spring and Summer Hairalds for more information. At this time, Katahdins will plan additional activities including an information session Wednesday afternoon for consignors, buyers and attendees. Of special interest is the Ice Cream Social at the Katahdin pens on Wednesday evening that is an excellent time to meet other breeders, view the sale sheep, talk to the consignors and just chat with all the Katahdin enthusiasts who attend the Stud Ram Sale. On Thursday morning prior to the sale, stop by the Katahdin table to grab a cup of coffee, a donut and or bagel. If coffee isn't your style, we can bet that John Dyer will have a gallon of chocolate milk for those who remember the days when we use to beg our parents to buy chocolate milk.

Besides the Spring and Summer 2019 Katahdin Hairalds, updated information and the catalog will be available at the Stud Ram Sale website, www.midwestsale.com



#### **2019 KHSI Committee Assignments**

These are the members of 2019 KHSI Committees. KHSI listed in the table means participation by KHSI contractors. If you are interested in serving on a committee, please contact KHSI President Henry Shultz.

| COMMITTEE                      | CHAIR/LIAISON     |                      |                     |                     |                     |                   |              |      |
|--------------------------------|-------------------|----------------------|---------------------|---------------------|---------------------|-------------------|--------------|------|
| Commercial<br>Programs         | Lynn Fahrmeier    | Lee Wright           | Clay Winder         | Henry Shultz        | KHSI                |                   |              |      |
| Expo Program                   | Lynn Fahrmeier    | Carl Ginapp          | Robert<br>Walker    | Mark Dennis         | Brad<br>Carothers   | Ron Young         | KHSI         |      |
| Expo Sale                      | Jane Smith        | Henry Shultz         | John Dyer           | Matthew<br>Craig    | Cindy<br>DeOrnellis | Robert<br>Walker  | Ron<br>Young | KHSI |
| Finance                        | Robert Walker     | Ron Young            | Lynn<br>Fahrmeier   | John Dyer           | KHSI                |                   |              |      |
| NSIP                           | Lynn Fahrmeier    | Michelle<br>Canfield | Roxanne<br>Newton   | Carl Ginapp         | Steve Bull          | Tom<br>Hodgman    | Matt<br>Nolt | KHSI |
| Promotions                     | Robert Walker     | Jane Smith           | Lynn<br>Fahrmeier   | Cheryl<br>Bruning   | Clay Winder         | Samantha<br>Craig | KHSI         |      |
| Publications/<br>Hairald       | Lynn Fahrmeier    | Roxanne<br>Newton    | Robert<br>Walker    | Kathy Bielek        | John Dryer          | KHSI              |              |      |
| Show                           | Henry Shultz      | John Dyer            | Cindy<br>DeOrnellis | Jane Smith          | Mike Nelsh          | KHSI              |              |      |
| Video Hair Coat<br>Inspections | Michelle Canfield | Roxanne<br>Newton    | Maria Dosch         | KHSI                |                     |                   |              |      |
| Website/Social<br>Media        | Michelle Canfield | Kathy Bielek         | Robert<br>Walker    | KHSI                |                     |                   |              |      |
| Youth                          | Henry Shultz      | John Dyer            | Judy Dyer           | Cindy<br>DeOrnellis | Leslie Raber        | KHSI              |              |      |



### Don't Forget: Annual KHSI Dues are Due in January Late Dues Cost More Starting February 1

Membership renewals are due by January 31, 2019 to qualify for the early bird rate (\$45/membership). The \$45 rate applies to all renewals received or postmarked by January 31. If paid online after January 31 or postmarked after January 31, you will have to pay \$60 for dues. These are the same deadlines that KHSI has had in place for the last 4 years.

Dues can be paid online at www.katahdins.org under the membership tab or mailed to the KHSI Registry in Wamego Kansas. KHSI prefers that you mail in the "Update Renewal Form & Invoice" that will be mailed to all current members in December 2018 from the KHSI Registry in Wamego, KS. Doing this will allow more ac-

curate information to be included on KHSI lists (printed and online) that will help members sell sheep.

New members who joined in the Fall of 2018 do not need to pay to stay current. However, we strongly encourage new members to send in the Update Form so that we have your most current information at our searchable membership directory.

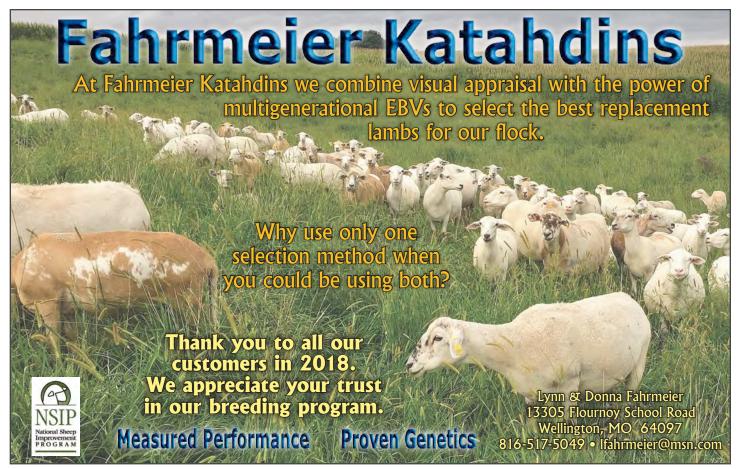
What about Youth Memberships? The policy is the same as in 2018: even though youth memberships are free and no fees are due, Youth Members MUST return the Renewal Form. If the renewal form from a Youth Member is not returned, they will not be listed on the KHSI membership list. Also, for youth memberships only one copy

of the Hairald will be mailed to an address. For example, if a parent is a member plus one or more youth members, KHSI will send the Hairald to the paid membership. If a family wishes to have additional copies mailed to their youth members, they will need to include \$5 per youth member to receive the additional copy addressed to the youth member.

Don't forget to check your December postal mail (or email if you requested it that way) for your 2019 KHSI Dues and/or Update mailing. Make sure to respond by January 31, 2019 to stay on the membership list and qualify for the early bird membership renewal rate of \$45/year.



Send Registrations, Transfers, Dues, and Membership changes to KHSI Registry in Wamego, KS





#### KHSI Board of Directors Conference Call Sept. 10, 2018

On Conference Call: Michelle Canfield, John Dyer, Lynn Fahrmeier, Henry Shultz, Jane Smith, Robert Walker, and Ron Young

President, Henry Shultz, called the meeting to order at 8:05 PM CDT on

September 10, 2018.

The first order of business was the bonus for Operations for the 2018 Expo. Jane Smith made a motion to pay the \$500 bonus to our Operations Manager. Michelle Canfield gave the second. This motion passed.

Robert moved to have the Board go into Executive Session, Ron gave the second, and all voted in favor.

Extensive discussions were held during this session. Michelle made the motion to come out of Executive Session, Lynn gave the second. Motion passed- all in favor.

The following motions were made and seconded and were voted on by a roll call vote.

 Payment of 1st and 2nd quarter incentive payments should be made to KHSI Operations Manager. Michelle Canfield-yeah, John Dyernay, Lynn Fahrmeier-nay, Henry Shultz-nay, Jane Smith-nay, Robert Walker-nay Ron Young-nay. This motion was defeated.

- 2. A vote was called for approval of the final draft of the Scope of Work. This was taken as a roll call vote. Michelle Canfield-nay, John Dyeryeah, Lynn Fahrmeier-yeah, Henry Shultz-yeah, Jane Smith-yeah, Robert Walker-yeah, Ron Young-yeah. This motion was approved.
- 3. A motion was made and seconded to post the Scope of Work and the Job Description on the KHSI website. This motion was tabled until next week and will be dealt with in an email vote.
- 4. Ron moved to set the range of hours and range of compensation for the Operations Manager position as follows: an approximate average of 20-30 hours per week and a wage range of \$20,000-\$35,000 with the possibility of some incentive pay. Robert gave the second. Michelle Canfield-abstained, John Dyerveah, Lynn Fahrmeier-yeah, Henry

Shultz-yeah, Jane Smith-yeah, Robert Walker-yeah, Ron Young-yeah. This motion passed.

The following schedule has been suggested for the selection of candidates for the position of Operations Manager.

- 1. October 10 Closing date for reception of resumes.
- October 11 Distribution of resumes to Board of Director members.
- 3. October 11- October 22- time for Board members to examine resumes and rank them using a Pugh-Matrix
- 4. October 22- Select top 4 individuals
- 5. October 23- Notify top candidates of time and place for interview. (Probably mid-November at the NAILE).
- 6. October 23- November 5- vet prospective candidates.
- 7. November ? interview candidates.

CONTINUED ON PAGE 15

#### Introducing our 2019 Herd Sires:

Thank You to all our Buyers in 2018.



"Justify" SMK 1806 Sire SHU Louisville Pacer



"Texas Pete" HSC 1813
Sire ADS Aspen Dream Catcher

Merry Christmas & a Prosperous 2019 to All!

### Reserve Your 2019 Lambs Today!



"LaGrange" HRS 18-004 Sire HRS Cadillac Jack





Dwayne & Kathy Kieffer of Caney Creek Farms Katahdins, Chapel Hill, TN 931-703-0239 • 931-580-6909 • caneycreekfarm@united.net • www.caneycreekfm.com

#### KHSI Board of Directors Meeting, July 19, 2018

By Jane Smith, Recording Secretary

At 9 PM EDT, the KHSI Board of Directors met at the Augusta Expo Center in Fishersville, VA. In attendance were Lynn Fahrmeier, Henry Shultz, Jane Smith, Robert Walker and Ron Young. Michelle Canfield and Maria Dosch were on teleconference call.

The minutes of the June 27, 2018 Board of Directors meeting at Sedalia, Missouri were presented and approved by a unanimous vote.

Five (5) applications have been received for the Scholarship Contest.

The committee found them all to be very deserving.

Robert made a motion to give a \$600 scholarship to each of the 5 applicants. Maria gave the second. Motion passed unanimously.

Ron Young presented the latest revision of the Scope of Work. Henry made a motion to accept this revised Scope of Work, Jane gave the second, motion passed.

Ron made a motion that KHSI take applications for an Independent Contractor for the position of Operations Manager, Henry gave the second. The motion passed unanimously.

Timeline for filling the position of Operations Manager was discussed. Deadline to receive applications is October 10. We will narrow our selections and decide on the top 3 by November 1.

One person will oversee sending Scope of Work and requests for resumes. The top 3 choices will be required to interview in Louisville during the NAILE.

Robert moved to adjourn, Ron gave the second, motion was unanimous. Meeting adjourned.

#### KHSI BOARD OF DIRECTORS CONFERENCE CALL SEPT. 10, 2018, CONTINUED FROM PAGE 14

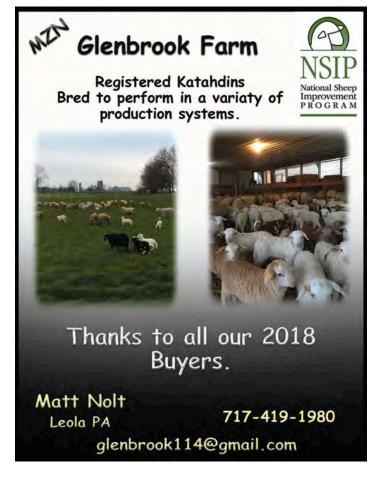
- 8. November?-December1-Decision on candidate for position.
- Notification to candidate and negotiation of contract.
- 10. January 1- Start of contract.

Our next regular meeting will be October 22, 2018.

At 10 PM CDT, Robert moved to adjourn, John gave the second, motion passed.



#### www.katahdins.org







### Learn the Latest at the American Sheep Industry Annual Convention – January 23–26, 2019

The American Sheep Industry (ASI) hosts an Annual Convention which is an incredible chance to learn the latest on sheep production, sheep health and industry needs. There are presentations on policy, management, genetics, marketing, resource management, predators and current research affecting all of the above. In 2019 the meeting will be held at the New Orleans Marriott in New Orleans, Louisiana.

Besides all the above education, the meeting is a great opportunity for any sheep producer who wants to learn more about the commercial sheep industry which affects all breeds, including Katahdins. It is also an opportunity to learn what US shepherds in the east, north, south and west have in common and how we can all work together. ASI is our voice for many initiatives that have helped all of us as

sheep producers. Without ASI, many of the pharmaceuticals that our sheep vets prescribe for our sheep would not be allowed. ASI's support of FDA allowing the use of antibiotics and other drugs not approved for sheep is unprecedented. ASI has also supported sheep research, sheep extension and many activities in the US Farm Bill that needs approval every five years and before Congress right now.

Whether you are into marketing, policy, or education about better sheep production, this is a meeting you should consider attending. Every year there is brand spanking new information on sheep health, better guardian animals, the latest on scrapie eradication, and more. The hardest part is deciding which presentations to attend. With the meeting in New Orleans, it is also could be very hard to decide what and where to eat.

There are Young Entrepreneur Scholarships to help cover costs of shepherds ages 21 to 40 who are also involved in their state sheep associations. Contact Chase Adams at 303-771-3500 ext. 111 or at chase@sheepusa.org

More information can be obtained at ASI's website, www.sheepusa.org or more specifically http://sheepusa.org/Events\_2019Convention. You can also call or contact angela@sheepusa.org or (303) 771-3500 ext. 107.

To make a reservation at the hotel call 504-581-1000 and mention ASI convention or click on https://book.passkey.com/event/49568246/own-er/6139/home.

It is best if you register and make all of your reservations by January 14. After this date, call the ASI office 303-771-3500 or register on-site at the Marriott in New Orleans.

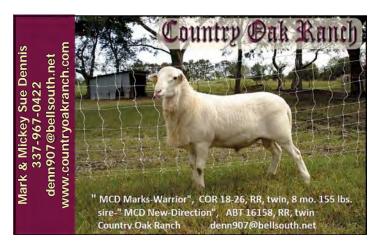


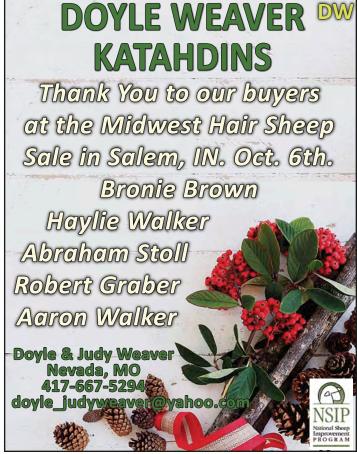
### JUBILEE FARM

Laura & Doug Fortmeyer Fairview, Kansas

785-467-8041 • jubilee@jbntelco.com 30+ years experience with Katahdins Member NSIP since 1994

Registered & commercial breeding stock
Born on pasture, Raised on pasture







### SRS Salmon Run Farms - Herd Sires



#### WINCHESTER

He has produced too many National and Regional winners to list including Velocity a two time NAILE Champion and Confirmed a Regional Supreme Champion and National Res. Champion NAILE.



#### PALE ALE

He was high selling Katahdin at the Midwest Stud Ram Sale and Reserve Champion Ram at the 2016 Regional Katahdin show at Big E and has produced multiple show winners



#### VELOCITY

Two time National Champion Ram at NAILE his first crop of lambs were born this fall and we're excited as they are very correct with good bone, beautiful length of loin and are growing fast.



#### CONFIRMED

February 2018 lamb-Regional Supreme Champion Big E week 2 and Res. Champion Ram at 2018 NAILE



#### **ZAC BROWN**

Our newest addition: Zac Brown a March 2018 ram lamb and an own son of Centralia he was Champion Ram and one of three pulled for Supreme Ram in the junior show at NAILE this year. He is one of the most correct young rams I have seen and we look forward to some really great lambs.



#### CENTRALIA 2012-2018

My Gentle Giant, we spent such a short time together, yet you stole my heart and will forever remain with me.

**SRS** 

Leslie Raber Salmon Run Farms 207-838-5813 · Sabattus, Maine SalmonRunFarms@gmail.com • salmonrunfarms.com Salmon-Run-Farms

Join us on Facebook:

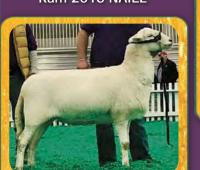
### SRS Salmon Run Farms - 2018 NAILE



Thanks to our great help at NAILE- Ed Julian, Tim Gadsby, Abigail Christian, Ashley Rasys, Rae Derosier, Travis Johnson, Teresa and Catherine Hromis and Charlene Marsh Carlisle for the photos.



CONFIRMED Supreme Champion Ram 2018 Big E, Res. Champion Ram 2018 NAILE



KISS ME KATE 2018 NAILE - Reserve Champion ewe



PREMIER EXHIBITOR **BEST FLOCK • BEST 4 HEAD** 

**2018 NAILE** 

THE PONY 2018 NAILE - Res. Champion Sr. Ewe





EHJ802 First place January Ram NAILE - Sold to Brayden Burbrink, Columbus, IN Thank-you and Good Luck!





**RKA 100** 

Juniors-NAILE Res. Champion Jr Ewe Open First place March Ewe





Aurora

**Leslie Raber** 

Join us on

Salmon Run Farms

207-838-5813 • Sabattus, Maine SalmonRunFarms@gmail.com • salmonrunfarms.com Salmon-Run-Farms

### **2018 NAILE Katahdin Show Results**

The sheep show at the North American International Livestock Exposition (NAILE) is the largest in North America and Katahdins had another successful showing.

Complete results of the Kennedy Family National Katahdin Junior Show and the Open Katahdin Show are available at <a href="http://www.livestockexpo.org/breedResults.html">http://www.livestockexpo.org/breedResults.html</a>

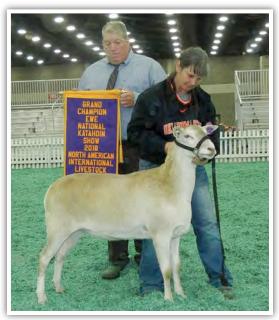
Once you reach the site, click on Results, then click on the Sheep folder, then look for the Junior Katahdin and Open Katahdin files.

| NAILE Grand & Reserve Champions, 2018 Katahdin Open Show                       |                     |            |                                   |                   |  |
|--|---------------------|------------|-----------------------------------|-------------------|--|
| Award  | ID                  | DOB        | Flock                             | City, State       |  |
| Grand Champion Ram   | SHU 3914,<br>Falcon | 1-16-2017  | Henry Shultz<br>Prairie Lane Farm | Centralia, MO     |  |
| Reserve Grand Champion<br>Ram  | EHJ 830             | 2-12-2018  | Leslie Raber<br>Salmon Run Farms  | Sabbatus, ME      |  |
| Grand Champion Ewe   | SCD 5168            | 9-28-2017  | Mike and Leslie Nelsh<br>Riviera  | Cable, OH         |  |
| Reserve Grand Champion<br>Ewe  | EHJ 806             | 1-14-2018  | Leslie Raber<br>Salmon Run Farms  | Sabbatus, ME      |  |
| Best Four Head of Lambs  |                     |            | Leslie Raber<br>Salmon Run Farms  | Sabbatus, ME      |  |
| Best Flock   |                     |            | Leslie Raber<br>Salmon Run Farms  | Sabbatus, ME      |  |
| Premier Exhibitor  |                     |            | Leslie Raber<br>Salmon Run Farms  | Sabbatus, ME      |  |
| NAILE Grand & Reserve Champions, 2018 Kennedy Family National Katahdin Jr Show |                     |            |                                   |                   |  |
| Grand Champion Ram   | SRS 264             | 3-3-2018   | Aurora Raber                      | Falmouth, ME      |  |
| Reserve Grand Champion<br>Ram  | TOR 18513           | 1-7-2018   | Matthew Beatty                    | Carl Junction, MO |  |
| Grand Champion Ewe   | CAG 0011            | 2-1-2017   | Cooper Gehring                    | Centralia, MO     |  |
| Reserve Grand Champion<br>Ewe  | EHJ 777             | 10-17-2017 | Aurora Raber                      | Falmouth, ME      |  |



Pictured Left: National Grand Champion Katahdin Ram owned by Henry & Becky Shultz, Prairie Lane Farm

Pictured Right: National Grand Champion Katahdin Ewe, owned by Mike & Leslie Nelsh, Riviera



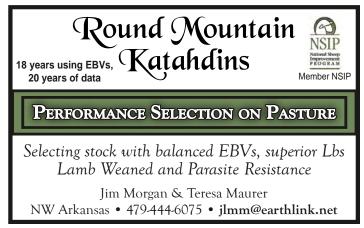


2018 National Katahdin Show Premier Exhibitor and Best Flock owned by Leslie Raber, Salmon Run Farms









### Katahdin Keys: Dea

#### **Important Dates**

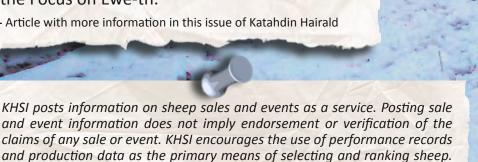
- \*\*January 7, 2019 Deadline for Young Entreprenuers Scholarship to ASI Convention. Contact Chase Addams: 303-771-3500 ext. 111 or chase@sheepusa.org. See article on pg 16 or go to www.sheepusa.org and click on 2019 convention.
- \*\*January 31, 2019 Annual 2019 Membership Renewal Due. Watch for the Renewal notice to mailed in early December. Send dues to KHSI Registry, Box 231, Wamego, KS 66547. KHSI recommends waiting for the Renewal form to facilitate membership updates.
- \*\*April 30, 2019 KHSI Youth Scholarship Applications due. Applications at www.katahdins. org (under the Membership Tab, Forms & Documents). Look at last years application. 2019 form will be available in February 2019.
- \*\* August 16, 2019 KHSI Annual Membership Meeting at the Annual Katahdin Expo, Hyder Burke Ag Pavilion, Tennessee Tech, Cookeville,
- \*\*Youth Calendar. Listed on page 30 as part of the Focus on Ewe-th.
  - \*\* Article with more information in this issue of Katahdin Hairald

June 6, 2019. Rocky Mountain Katahdin Ass USDA, ARS will be speaking. Contact Ba more information. www.facebook.com

Even

June 7-8, 2019. SCKA Annual Meeting, Silv

- \*\*June 24-29, 2019. Midwest Stud Ram Boyd Junior Show on June 24. Katahdir 27. www.midwestsale.com or midwes or 515-442-0950.
- Article with more information in this issue



Contact the KHSI Operations Office to ask for your sale or event to be posted. 479-444-8441 or info@katahdins.org

Sales and events posted are not sanctioned by KHSI unless otherwise noted.

Check for updates on the KHSI Facebook page and the calendar page of www.katahdins.org



See Table of Contents (page 1)

bette Fief, at 719-468-0928 or babfief@yahoo.com for /RockyMountainKatahdinAssociation/

er Creek Equestrian Club, Vicksburg, MS

Sale. Missouri State Fairgrounds, Sedalia, MO. Leroy of Open Show on June 25, Katahdin Open Sale on June ststudramsale@gmail.com or info@midwestsale.com

of Katahdin Hairald

#### **Katahdin Sale Roundup**

- \*\*May 11, 2019. Big Ohio Show & Sale. Show on May 10 & Sale May -11. Preble County Fairgrounds, Eaton, Ohio. Contact Banner Sale Management, 309-785-5058 or www.bannersheepmagazine.com See ad on pg 6.
- \*\*June 27, 2019. Midwest Stud Ram Sale. International Katahdin Sale at 8 AM, Thu. Missouri State Fairgrounds, Sedalia, MO. www.midwestsale.com or midweststudramsale@gmail.com or info@midwestsale.com or 515-442-0950.
- \*\*August 17, 2019. 15th Annual Katahdin National/Expo Sale. Hyder Burke Ag Pavilion, Tennessee Tech, Cookeville, TN.
- \*\* Article with more information in this issue of Katahdin Hairald

#### **Educational Events Calendar**

- \*\*January 7, 2019. Deadline for Young Entrepreneurs Scholarship to ASI Convention. Contact Chase Addams: 303-771-3500 ext. 111 or chase@sheepusa.org. See article on pg 16 or go to www.sheepusa.org and click on 2019 convention.
- \*\*January 23-26, 2019. American Sheep Industry Annual Convention. New Orleans, LA. Schedule and presentations to come at www.sheepusa.org
- \*\*August 15-17, 2019. 15th Annual Katahdin Expo, KatahdinNational/Expo Sale & 2nd International Katahdin Congress. Hyder Burke Ag Pavilion, Tennessee Tech, Cookeville, TN
- \*\* Article with more information in this issue of Katahdin Hairald

#### **Katahdin Consignment Reminders 2019**

\*\*March 10, 2019. Big Ohio Show & Sale. Show & Sale on May 9-11 at Preble County Fairgrounds, Eaton, Ohio. Contact Banner Sale Management, 309-785-5058 or www.bannersheepmagazine.com. See ad on pg 6.

for articles on Coming Events

### Doc Kennedy's Impact on Katahdins

#### Jim Morgan, KHSI Operations Office

Editor's note: On page 3 in the Katahdin Hairald and in sheep magazines, including the Sheep Industry News published by the American Sheep Industry Association, there are obituaries for G.F. "Doc" Kennedy. We thought it would be important to point out Doc's impacts on the Katahdin world.

The first and foremost thing to be mentioned about Doc Kennedy was his passion for the sheep industry, for sheep and for shepherds. He truly wanted to help all and almost always was able to find time to talk to a shepherd with a question. The second thing was his strong voice and opinions. A third impact that we haven't seen mentioned is Doc's vocal support of small ruminant veterinary advice at a time when sheep vets are often few and far between.

Doc has written several times about how, in the first decades of the 21st century, he sold out of his wool sheep flocks and then became interested again in sheep with the shedding breeds, first with Dorpers and then with Katahdins. He mentioned the lack of shearing time and costs at a time of lower wool income, multiple births and easy care, which he felt Katahdins did very well.

Doc's national promotion of Katahdins had an effect on the breed. We can't document how much, but surely it was significant and is a component of Katahdins being one of the top registered breeds in the USA. His impact was felt in many ways. First, shepherds who received the Pipestone Veterinary Supply catalog went online to the web store and were exposed to his promotion of Katahdins in many of his articles. Doc's large internet presence included his "Ask a Vet" and Facebook pages that again from time to time mentioned Katahdins. Ask a Vet services could also be accessed by calling a phone number for advice.

For years, Doc had the "Straight Talk" column in several sheep magazines, especially the Banner Magazine.

Definitely "Straight Talk" was the way that Doc approached advice for shepherds and letting people know his point of view. That is not saying that all in the industry or in KHSI always agreed with Doc, but the columns always reflected his thoughts and opinions. Whether in KHSI Board meetings, in American Sheep Industry (ASI) Association conference calls or meetings at the ASI convention, Doc would often voice his opinion, strongly, even when it was a lone opinion and a lone voice. Those of us will miss his strong vocal support when he was on our side and be very sorrowful (but truth be told, a little thankful too) that he is not able to voice his position on topics when he disagreed with us.

Doc Kennedy was the host of the 2011 Katahdin Expo in Pipestone, Minnesota. This was a very successful event with our largest National Expo and Sale at the time. Doc organized a great educational program by includ-

CONTINUED ON PAGE 25



ing nationally recognized teachers from the Pipestone Lamb & Wool Program, as well as vets and staff from Pipestone Vet (Mike Caskey, Paul Berg, Jay Bobb DVM, Larry Goelz DVM). The tours of lamb-producing operations in the Pipestone Lamb & Wool Program offered some of the most unique educational experiences in the 13 year history of KHSI Expos. We felt that Doc's publicity for the KHSI Expo in the Pipestone Vet Catalog as well as in Straight Talk had an impact on the 2011 attendance. It was at this sale that KHSI had the first commercial Katahdin pens of ewes for sale, which was due to Doc Kennedy and KHSI President Wes Limesand promoting the importance of selling pens of ewes. Bottom line is that the 2011 Katahdin Expo was a stellar event and the Expo Sale was the first good sale after 3 years of more mediocre sales and Doc's promotion and reputation helped bring buyers who bid.

At the 2011 Expo, Doc was elected to the KHSI Board of Directors for a 3 year term. His presence had a larger than life impact. Three of his larger impacts that continue to shape KHSI include a) playing a role in the first Katahdin Show at NAILE which became the National Katahdin Show, b) his family's financial donation that has enabled a long-term investment in the Kennedy Family Katahdin Junior Show at NAILE and c) his motion to establish \$5000 funds for NSIP and KHSI Shows. These \$5000 funds have

enabled the KHSI Show Committee to have a larger premium fund at NAILE and helped the Katahdin NSIP committee to host educational events. Both funds have been very influential on long term activities of KHSI.

It will be a quieter sheep industry with less "Straight Talk" with the passing of Doc Kennedy.

Final Editor's Note from Jim Morgan. Like others, I sometimes disagreed with Doc over issues including parasite management, the National Sheep Improvement Program and "one size fits all" management. But I do and always will greatly appreciate his passion and commitment to education, the sheep industry and helping shepherds, and especially value his positive impacts on the Katahdin industry.



KHSI Recommends that sellers send papers and payment for registrations and transfers to the KHSI Registry, as a courtesy to their buyers.

**Won Best** 

Young Flock in Clackamas Co.

#### KRK KATAHDINS

"Production sheep that show well"

Looking for parasite resistance? Strong maternal traits? Ewes that wean a lot of pounds of lamb? Feet that don't require trimming? More rear end muscling? Longevity?

Take a look at our EBVs as well as the solid meat and structure conformation in our flock. Our flock is in a parasite study and we now have EBVs for FEC.

Winning at shows is fun but we make our biggest goal to be production at home in the pasture. We run 100+ head of registered ewes weaning 225% lamb crops. We lamb a group every 4 months using several top rams for genetic diversity.





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Quality Seed Stock

**50** years in Sheep Industry



"TWISTER" 2nd Place Fall Ram Lamb for Dyer Family, Chrisney, IN Purchased at Ohio Sale



"LONG GENES" our 1st Place Fall Ram Lamb and Reserve Champion Senior Ram. Sired by "PISTOL" and out of a "DOC" daughter.

Thanks to Kevin, Sara, & Katherine Kuykendall, Dylan Nohner and Dale Davis for another great job showing our sheep!!



"BAMBI" 1st Fall Ewe Lamb, Senior Champion, and Grand Champion Ewe of Show. We were excited to receive the DOC KENNEDY Traveling Plaque. THANKS !! to David & Jane SMITH for letting us acquire this powerful female Special Thanks to Brian, Kelly, & Jessica Larrick for all your help getting sheep to NAILE & preparing the sheep for the show!!

> Thanks To Sue Trag taking all the

2834 Kennard Kingscreek Rerivierahamp

### 2018 N.A.I.L.E.



2nd Place Flock, 1st Pair Yearling Ewes, 1st Pair Ewe Lambs, Reserve Senior Champion Ram, Champion Ewe



Congratulation to
Jessica Larrick,
Leesburg, Ohio on her
Reserve Champion
Junior Ewe Lamb!!
Purchased at Midwest
Stud Ram Sale.

lia & Eric Baro for pictures!!

DNA tested



Our 4th Place March Ram Lamb, purchased by Chad & Elisabeth Kiefer (Kiefer Farms) MO. Also thanks for all help on pit crew!



Our 3rd Place March Ram Lamb, and member of 1st Pair Sired by "DOC" & out of "FANCY", our 3rd place yearly ewe. Will sell half or full interest.



"Belle" RIV 742 and "Fancy" RIV 744 our 1st Place Pair of Yearling Ewes.

Both are bred to "LONG GENES"

Mike & Leslie Nelsh d • Cable, OH 43009 • Ph: 937-471-5682 • Cell: 937-244-2673 os@hotmail.com • http://www.rivierafarm.com Inquiries & visits are always welcome

#### What's in the Katahdin Guide? Lots of info for little cost!

The Guide to Katahdin Hair Sheep, is a great resource available for \$3 from KHSI Operations. Now in its second printing, the Guide is provided as a courtesy to KHSI members, new owners of registered Katahdins, and those interested in raising Katahdin sheep in the future. The purpose of the guide is to promote Katahdins and serve as an educational resource for marketing, management, and selection.

Based on questions that KHSI receives from members, new owners and the public, this handy booklet covers many topics and is great as a refresher for current owners and as a very useful resource for your new Katahdin customers.

Maybe you haven't gotten a chance to see the Guide, or maybe it's been awhile since you looked at it. We have printed the Guide index below, as a reminder of the topics that are covered. If you'd like a printed copy, you can send \$3 per copy to: KHSI Operations, PO Box 778, Fayetteville AR 72702. If you have access to the Internet, the guide is available at:

http://www.katahdins.org/magazine/

#### GENERAL INFORMATION

- → Questions Frequently Asked by New Members
- ★ Are Your Katahdins Correctly Identified?
- **→** Common Tagging Systems
- → Sustaining Momentum as a Breed
- Frequently Asked Questions on Grading Up and Recording Katahdins

#### MARKETING

- → How Do I Market My Katahdins?
- ★ Meat Lamb Marketing Options for Seedstock Producers
- → Marketing Venues for Katahdins are Expanding!
- ✦ Showing Katahdins: Value Added Marketing

#### MANAGEMENT

- → Management Options for Katahdins
- **→** Farm Biosecurity
- → Tips on Parasite Management in Sheep
- ✦ Feeding Sheep

- ★ Can I Manage My Katahdin Sheep Like Little Cows
- → Ideas for Managing Newly Purchased Lambs
- ◆ Using Hay to Meet Sheep Nutritional Needs
- **→** When Should Lambs Be Weaned?
- **→** Low Stress Animal Handling
- **→** Coccidia: The Other Parasite
- → Some Key Diseases That Affect Sheep
- → Ram Management for Small & Beginning Flocks
- → Selection and Development of Ewe Lambs
- **→** Ewe Body Condition Scoring
- → Symbiotic Grazing of Sheep and Cattle: Benefits of Mixed Species Grazing

#### SELECTION

- → Breeding Selection for Flock Improvement
- → Culling Decisions

CONTINUED ON PAGE 29





We have an exciting group of fall lambs sired by Velocity, EHJ 620. Velocity was Champion Ram at the NAILE in 2016 and 2017. We will be offering some of these for sale as well as spring lambs from Random Draw.

We are traveling to the Big Ohio sale in May, so feel free to contact us for delivery to Eaton, Ohio.



Give us a call for all your Katahdin breeding needs.

Henry & Becky Shultz • Prairie Lane Farm Katahdins Cooper Gehring, Junior Shepherd • Sarah Gehring, Flock Consultant 6219 Audrain Road 125 • Centralia, MO 65240 • 573-682-7127

beckyshultz@msn.com · www.prairielanefarm.net or contact Sarah 573-819-0806 · sb.gehring@gmail.com



#### WHAT'S IN THE KATAHDIN GUIDE? CONTINUED FROM PAGE 28

- **→** The Madams
- Selecting for Structural Correctness
- The Lesson of Freckles: Adjusted Weights and the Mystery of Motherhood
- → Identifying Parasite Resistance: A Shepherd's Perspective
- → Using Records and Weights for Flock Improvement
- ★ The Importance of Adjusting Weaning Weights
- ★ Selecting Sheep for Superior Meat Yield
- → EBVs: Breeding Control Knobs for the Future
- ★ Rate of Genetic Improvement
- → Where Can I Find the Best Sheep?

#### RESOURCES

**→** Resources



"Who-Say-Supper", photo by Sophia Pardon, Tennessee, 2018 KHSI Photo Contest

#### Earlybird Dues January 31, 2019

### **Hound River Farm**



### Need Parasite Resistance?

#### Purchase Genetics, not Dewormers!

With a test average FEC of 32 epg and ADG of .58 lbs/day, NWT 18047 was our top performing ram lamb at the 2018 VT Forage-based Ram Test.

Sincere thanks to Dr. Greg Stewart, DVM for purchasing him. Contact Greg at www.worldshepherd.org for semen availability.

Our sheep are pasture-raised and exposed to parasites year-round.

Contact us to reserve your next herd sire.

www.houndriverfarm.com

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### Focus on Ewe-th: Alex Taylor. Frankfort, Indiana

I am Alex Taylor from Frankfort, Indiana, age 13. I have had Katahdins since 2015. My family and I also have Border Cheviots and Tunis.

I started showing Katahdins because I thought that they were cool, especially since they still have their tails. They are so easy to take care of since they are a hardy breed. Unlike other breeds, they don't have to be fed a lot for them to grow big. Katahdins birth easy and take good care of their lambs.

They are hair sheep so they stand out and I like that. Katahdins are easy to get ready for showing. All you have to do is wash them and shed out the loose hair. No fitting required with them. It can't get any easier. I have found that there are a lot of nice people in the Katahdin business. They are very willing to help new Katahdin breeders and kids like me.

I enjoy going to the shows to show off my sheep. I have found many new friends. We get to talk about our sheep, play cards, and have fun at the shows. Plus, I get to answer questions from the public about this up and coming breed. My thrill this year was having a class winner with my



Fall Ram at the All-American Junior Sheep show. It was a great weekend of showing sheep, meeting new friends

and learning more about sheep.

I really hope that you join me in the show ring. Watch for me, because I will be there.

#### Focus on Ewe-th: Scholarship Essay by Elizabeth Fahrmeier Wellington, Missouri

Over the past almost eighteen years, I have always known life with Katahdin Hair sheep. My family has been raising Katahdin's since before I was born, giving me the opportunity to grow alongside our operation. I've seen my family Katahdin operation go from tying up a few sheep to wait until we could collect fecal samples, to now beta testing software for the British software company Shearwell. My whole life has been spent halter breaking, showing, and working with our Katahdins. I have been able to learn so much by raising sheep that I never would have learned otherwise, as well as strengthening skills that I had learned elsewhere. Some of the things I was able to learn through raising Katahdin Hair sheep are how to care for an animal, how to give a vaccine, the anatomy of a sheep, and

CONTINUED ON PAGE 31



April 30, 2019. Youth Scholarship Deadline.

And the Property of the State o

See article on pg 34 for more details.

#### Hancock Katahdins

**Registered Katahdins** 

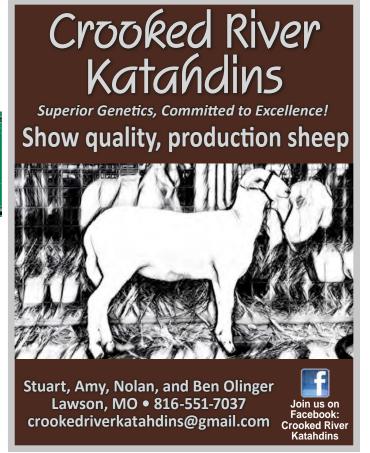
Ray & Pam Hancock 618-843-8779

Randy & Lisa Hancock, Rhett & Gracelyn 618-843-4559

raypam2816@yahoo.com

Noble, IL





### Focus on Ewe-th: Raising Sheep Rebekah Sue Seipel, Callao, Missouri

By Rebekah Sue Seipel, Callao, MO

My family has been raising sheep on our farm in rural Callao, Missouri since before I was born. We started showing our sheep when I was 6 and my big sister, Abby, was 8. We showed her one Katahdin ewe lamb at the Macon County and the Missouri State Fair back in 2006. Since then, we have been showing a lot more sheep at both fairs every year since.

My favorite part of raising sheep is getting to take care of them. I learned to mix feed, tie halters, wash, brush, and train sheep to lead even when they didn't really want to be washed, brushed or lead. I was born with a genetic condition called Down syndrome. Because of that condition, my muscles in my entire body are weaker than other kids. However, training and caring for sheep has made me stronger than a lot of my friends. I have had to learn to be more stubborn than my sheep, so that they do what I want them to do.

I love raising Katahdin sheep. My sheep don't have wool. They just get more hair when the weather gets cold. We don't have to shear them at all. My favorites are the rams. They have nice manes/beards that looks great



once they are washed and brushed. Showing a yearling ram that weighs over twice what I do helps make me stronger and tougher than ever.

During show season 2018, I was honored by receiving the senior showmanship award at my county fair as well as at the Missouri State Fair. My family and I won the Sheep Shepherd award too at the 2018 Missouri State Fair. My big sister, Abby, my little

brother, Gregory, and I are excited each year to represent Missouri shepherds and the Katahdin breed at the Missouri State Fair. We love it when fairgoers come up to our pens and ask questions. The most common questions are "why are their tails long?" and "do you like to eat lamb?". My favorite lamb to eat is lamb bratwurst.

Raising and showing livestock has helped me a lot. I've learned to speak slowly and clearly to the judges so that they can understand what I'm telling them about my sheep. I've learned to be tough even when I really want to cry because my sheep stepped on my feet or jumped up and hurt my hands with the halter rope. I know where the meat on my table comes from. Sometimes my city cousins squirm when I ask "who" we are eating. I've learned how to help others in the barn and in the show ring. Raising and showing livestock has had a huge impact on the person I am today.

Farm kids are tough kids. We work out in the heat, rain, and cold weather. I'm proud to be a Missouri shepherd!

Rebekah Sue Seipel, Senior, Macon R-1 High School

#### FOCUS ON EWE-TH: SCHOLARSHIP ESSAY BY ELIZABETH FAHRMEIER, CONTINUED FROM PAGE 30

different diseases and parasites that can affect sheep. On top of the new things I learned, it also helped to enforce and strengthen useful life skill sets like determination, hard work, and the importance of organization.

I feel like I would be a worthy

recipient of this scholarship because I have had a lot of experience raising sheep, I am involved in my school and community, and I keep good grades in school. I have been able to help in making advancements and changes in my family's sheep flock, from helping with loin eye and back fat scan-

ning, to beta testing new software. I am very involved in my school and community, being a part of St. Luke Evangelical Free Church, Lafayette County Youth Court, Napoleon Cloverleaf 4-H Club, FFA, Future Business Leaders of America (FBLA), Varsity Cheer, Fel-

lowship of Christian Athletes (FCA), Academic Bowl, National Honor Society, and volunteering throughout the community. I have held many offices in the organizations I'm involved with including: FFA Area 6 Vice President, FFA Chapter President, FFA Chapter Vice President, FFA Chapter Secretary, FBLA State Vice President of FBLA-PBL Relations, FBLA District 19 President, FBLA District 19 Vice President of FBLA- PBL Relations, FBLA Chapter President, FBLA Chapter Vice President, FBLA Chapter Reporter, 4-H Club Vice President, and 4-H Club Secretary. On top of all my extracurricular involvement, I also stay on top of my school work. After seven semesters in high school, I have a 4.01 GPA, and received a 26 on my ACT. I appreciate your consideration for this scholarship.

Focus on Ewe-th cont'd on page 32



## Focus on Ewe-th: Scholarship Essay by Emilie Tamblyn, Manteno, Illinois

My family has been raising Katahdin sheep for six years and I have always been extremely involved with the care of our flock. We started our flock with two ewes, two yearlings, and a yearling ram. I traveled with my dad to pick them up in Indiana and I have loved working with Katahdin sheep ever since. Our first lambing was the February after we got them, and I was amazed at the ease with which our ewes lambed. Lambing season is always the most exciting, and stressful, time of the year. Going out to the barn at all hours of the night is instantly worth it when you walk in and see two healthy lambs snuggled with their mom. I love getting to bottle feed the lambs and name all the new babies. Watching those lambs grow over the summer and seeing that picture-perfect scene of a grazing flock is my favorite part about raising sheep. Over the years I have been able to work closely with our vet while assisting with castrations, administering treatments, and

wellness checks before the fair. I have learned how to properly handle sheep and perform routine health checks. As I have learned more from our vet the overall health of our flock is even better and I am better able to handle a problem when one arises. Now we have grown our flock to about 25 healthy ewes and we recently added a ram to the flock.

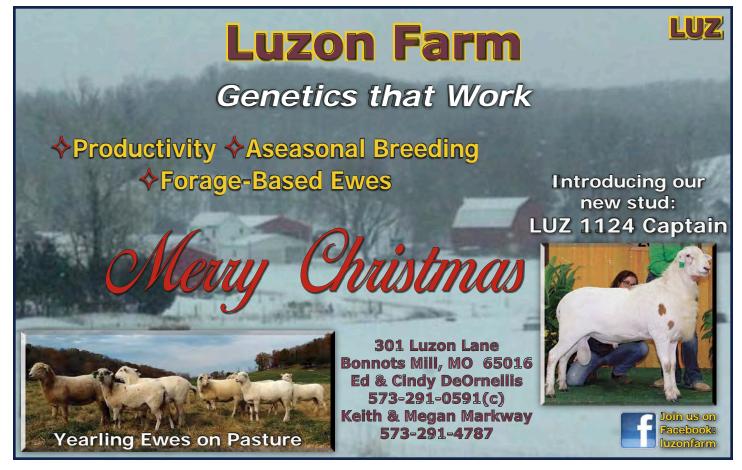
After being around sheep and learning more about raising them I have been able to share my knowledge with those around me. During high school, I brought a lamb to the FFA petting zoo and had the opportunity to teach elementary school students about sheep. I also started showing sheep through 4H about three years ago. I had the opportunity to learn from fellow 4H members that show club lambs and apply the knowledge I gained from them to showing my own lambs. Learning how to show sheep has taught me the importance of patience when working with lambs. Breaking lambs is not always easy but

with the practice is has gotten much easier. I have grown exponentially over the last couple years in my ability to work my sheep in the show ring. There is always so much more to learn about sheep and I love expanding my knowledge on the Katahdin breed.

I believe that I should receive the Katahdin Hair Sheep International scholarship because I have had first-hand experience raising Katahdin sheep. Not only have I successfully cared for my flock I have also helped it grow. I have been a part of every step in the production cycle and I have learned so much from working with my sheep.

I have a deep love for Katahdin sheep and I want to share my passion and knowledge with those around me. This scholarship would help me further my education and allow me to continue learning about the sheep industry.

Focus on Ewe-th cont'd on page 34



# Thanks to all our Customers. Merry Christmas & Happy New Ye



#### OUR NEW RIVIERA STUD RAM

#### **TWISTER**

Grand Champion of Big Ohio Sale 2018 2nd Fall Ram at 2018 NAILE Purchased from Mike and Leslie Nelsh



Top 10 March Ewe Lamb 2018 KHSI Expo Sold to Brian Bays



Top 10 Fall Ewe Lamb 2018 KHSI Expo Sold to Brian Bays

Thanks to Doc Kennedy for his friendship and his dedication to the Katahdin breed.



# Focus on Ewe-th: Scholarship Essay by Brayden Burbrink, Columbus, Indiana

Growing up on a 5th generation family farm, I have gained valuable experience with several different species of livestock and crops. Sheep were always a part of our livestock production line. I was a part of chores and care for the sheep as young as three years old helping place the water hose in the buckets to water the ewes in pens and bottle-feeding babies. Our farm raised wool sheep for many years. I remember vividly on shearing days being the one who was in the wool bag stomping down the wool to make room for more. At that time, we had Dorset, Suffolk, and Finn-Rambouillet cross sheep.

Over time, we were introduced to the Katahdin breed. At first, we were drawn to them because they did not have to be shorn. However, the major reasons we sold out of the other breeds and transitioned solely to Katahdins was the quality of their meat, good mothering instincts, smaller frame size, and ease of overall care. Since I was a part of these production decisions over the years, I took an interest in the Katahdins on our farm. In 2012, at the age of 14, I purchased my first Katahdin ewe. Since then, my personal flock has grown to 35 ewes, and I also manage my dad's flock of 80 ewes. I have devised rotational grazing plans, rations, breeding plans, assisted with lambing, and keep all the records for our flocks.

In addition to all the production management and daily work I did previous to college, and now the work I accomplish when I am home on weekends, I am also involved with selecting the breeding stock that comes into our herd and selecting the animals we export from our herd. Because of this, I have become very interested in the anatomy and physiology of the Katahdin which has helped me pick out premium breeding stock. I have shown in the North American

Livestock Exposition for several years and attended the KHSI Expo, and I am learning the characteristics of a high-quality Katahdin.

I believe I should receive the Katahdin Hair Sheep International Scholarship because Î plan to have a future with the Katahdin breed postgraduation. I plan to have a 300-head combined flock of breeding and commercial stock. My goal is to invest in the Katahdin breed by increasing the production and physiology of the breed throughout my herd. Through intentional managerial and production strategies, I will be doing my part to keep the finest and purest Katahdin traits, in effort to promote fidelity within the breed itself. I also plan to use my career as a future veterinarian to share my knowledge about the benefits of raising the Katahdin breed to people interested in being shepherds around the country.



# April 30 Deadline for 2019 Katahdin Youth Scholarships

At least two Katahdin Youth Scholarships will be awarded this summer. If more funds are donated, KHSI will award more scholarships to our outstanding youth. Applications are due on April 30, 2019.

KHSI is continuing its scholarship program in 2019 for youth entering college or already in college or graduate school. Two \$500 scholarships will be awarded to youth for use at any US college or university.

Go to the KHSI Website Forms page to download applications and instructions www.katahdins.org/khsi-forms/ Completed applications and reference letters must be received by April 30, 2019 to be considered for this year's competition. Those with no internet access can call

KHSI Operations at 479-444-8441 to request application materials to be mailed.

#### **ELIGIBILITY:**

- 1. The applicant must be a youth member of KHSI, or their immediate family must have a current KHSI membership.
- 2. Applicant must be under 21 as of January 1, 2019 or under age 26 if applying for graduate school, and must have been involved with Katahdin sheep for at least 1 year.

For questions about the scholarship, or to request application materials, please call KHSI at 479-444-8441, visit the KHSI website at the link above or email info@katahdins.

# 'Red Haute'

Stud Ram @ Rack of Lamb Corral 2014 National Grand Champion Ram @ N.A.I.L.E.

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RAM POWER + EWE POWER = LAMB POWER

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One of the best bred flocks in the nation There is a Reason Happy Holidays to All and Thank you to our 2018 Buyers

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# MARK YOUR CALENDAR

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We will be selling some of our best with proven champion bloodlines in the Katahdin breed



"Ultra Sonic" brother to Velocity who was a two time National Champion @ N.A.I.L.E. He was one of the top selling Katahdin's @ the 2018 MWSRS



"Amtrac TRB 1000" Stud Ram @ Rack of Lamb Corral, full Our 2nd place Fall Ram @ the 2018 MWSRS and new record selling Fall Katahdin. He sold for \$4,300.00 breaking his full brother's record from last year that sold for \$4,200.00



"TRB 1116" **Our Reserve Grand Champion** Ewe @ the 2018 MWSRS, also the Jr Grand Champion Ewe & 1st in class

Semen for sale from all our Stud Rams.

TODAY



"Affirmed" Stud Ram @ Rack of Lamb Corral. He was the 2018 Grand Champion Ram @ the MWSRS



"Kansas Chrome" Stud Ram @ Rack of Lamb Corral. He was a record selling February Katahdin @ the 2018 MWSRS

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# **Exciting Preliminary Results from Latest** Katahdin Research into Production Traits

Jim Morgan, Arkansas

The results of collaborations between Katahdin NSIP flocks and researchers provide promise for ALL Katahdin breeders. The punch line is that preliminary results have identified DNA markers correlated with parasite resistance. In particular, a marker on chromosome 2 looks very promising with more markers on chromosomes 3, 16, 23 and 24 that may contribute to resistance.

Why is this important: Katahdins are knocking at the door of the most recent technological improvement in identifying livestock with superior or inferior production traits: using DNA markers to enhance EBVs (Estimated Breeding Values).

Dr Joan Burke, USDA ARS in Booneville, Arkansas (US Dept of Ag, Agricultural Research Service) was awarded a second grant from USDA's Organic Research and Extension Initiative two years ago. The grant has several goals, with the main goal to find genetic (DNA) markers that can be used to identify sheep that are parasite resistant. If the researchers and collaborating flocks are moderately successful, we will have DNA markers that can be used to identify Katahdin sheep that are more susceptible or less susceptible to gastrointestinal worms at birth. It won't replace doing fecal egg count EBVs (estimated breeding

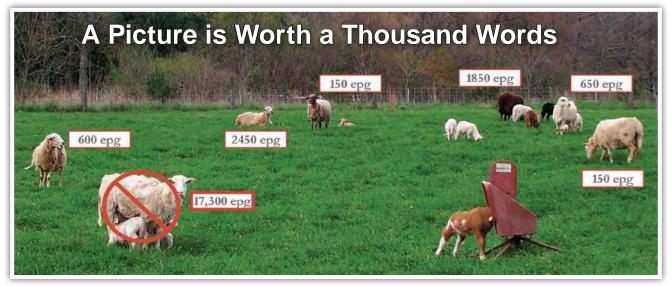
values) from the National Sheep Improvement Program (NSIP) but can supplement them.

Where are we now? We are finishing the second of three years of data collection. Detailed data analyses will take more time, but we are now at the stage of "I tried it on several sheep and results are very promising". Specifically, analyses by graduate student Gabrielle Becker and Dr Brenda Murdoch at the University of Idaho found one very promising DNA marker on chromosome 2. The was done using 40 head of Katahdin lambs identified as being very parasite resistant or very susceptible by Estimated Breeding Values (EBVs) from NSIP (National Sheep Improvement Program). The analyses to be done after the third year of data collection next summer will include determining if other DNA markers correlate with EBVs for growth and reproduction, as well as parasite resistance.

The grant involves collaboration of 18 Kataĥdin flocks in the United States and several researcher. The research team is led by Dr Joan Burke (USDA ARS Booneville, AR) and includes Dr Ron Lewis (U Nebraska-Lincoln), Dr Brenda Murdoch (U of Idaho), Dr Scott Bowdridge (West Virginia Ú) Dr Jim Miller (Louisiana State University), Dr Anne Zajac (Virginia Tech U) and Dr Jim Morgan (KHSI). Estimated Breeding Values (EBVs) provided by the National Sheep Improvement Program (NSIP) provide the accuracy of being able to compare resistance and growth in sheep in different flocks with different nutrition, environment and parasite challenge. The 18 Katahdin flocks in the study needed to be in NSIP, use at least two sires that had a minimum of 15 lambs, manage to have a worm parasite challenge, collect fecal and blood samples and weigh at two key points.

Several things need to fall in place so that we Katahdin breeders can use the data. First it needs to be pointed out that the DNA markers will not work like testing for scrapie resistance using genotyping for resistance to scrapie at codon at 171 (RR, QR & QQ), where a single codon in a single gene indicates resistance to scrapie. In this case, as with most DNA marker research, a minimum of four to five markers (or more) are needed to impact selection, since several genes are involved in growth and resistance to parasites. Finally, Katahdin shepherds will need technology companies to step forward with marketable tests. So, we wait and hold our breaths.

We greatly appreciate the work of the researchers and the Katahdin flocks. This is the first major project correlating genomic markers with commercially important traits in the US Sheep Industry.



Do you know which of your ewes are contaminating your spring and summer pasture? Sometimes a picture is worth more than a story. Kathy Bielek, a Katahdin producer in Wooster, Ohio, provided us with this illustrated photo of her flock on pasture. (epg=eggs per gram of manure)

# With Sheep, The Cheapest Mineral Isn't

Francis L. Fluharty, Ph.D The Ohio State University

The major nutritional requirements are: water, energy, protein, minerals, and vitamins. In many cases, sheep producers do a good job of providing adequate water, energy, and protein. However, many sheep producers buy 'cheap' minerals, ignoring the fact that the availability of the minerals in the oxide form in many of these mixes are only 10 to 20% as absorbable by the animal as the sulfate, chloride, or organic, or chelated, forms (when minerals are metals bound to an organic compound such as an amino acid such as in zinc methionine or organic selenium in selenomethionine) (Spears, 2003) in more expensive mineral mixes. The advantage of more available forms of minerals are seen when stress increases. Consider the fact that weather can be a stress, whether it's extreme heat or cold, and that working sheep at deworming, vaccination, and weaning can be stressors. So, why do so many producers buy minerals that don't provide the best nutrition to the

animal when they need it most, and buy the cheapest mineral instead?

In many cases, it's because we think in terms of tons rather than days, and a ton of mineral seems expensive relative to a ton of hay, but not when you consider that a ton of mineral contains 32,000 ounces (2000 lbs. x 16 oz/lb) with an anticipated intake of 1.5 oz per day will provide feed for 21,333 animal days. I can't imagine a sheep producer going to their truck dealership and asking for the truck with the least power when it's under a load, or asking for the truck with the weakest transmission. But we do this same thing when we buy minerals with the poorest absorption during times of stress, and then we buy additional hay, or grain, or treat sick newborn lambs, or blame the ewe for having weak lambs that die shortly after birth. With the price of lambs, how much is having a greater survival rate, or more twins that are raised.

Macro minerals are described as those required at concentrations greater than 100 parts per million (ppm) of the diet and are often expressed as a percentage of the diet. Trace minerals are considered to be those required at concentrations less than 100 ppm (McDowell, 1992). Macro minerals include calcium, phosphorus, potassium, magnesium, sulfur, and sodium and chloride (salt), whereas the trace minerals include cobalt, copper, iodine, manganese, selenium, iron and zinc (NRC, 2007). Even though copper is toxic at high levels, it is a required trace element, with the maximum tolerable copper concentration for sheep being 15 mg/kg dry matter when their diets contain normal molybdenum (1-2 mg/kg DM) and sulfur (.15-.25%) concentrations (NRC, 2007; page 129). One of the things that must be understood about mineral nutrition of sheep regarding copper is that the balance of minerals is critical. Copper toxicity in sheep usually results from the accumulation of copper in the liver over a period of time with no clinical signs followed by a sudden release of

CONTINUED ON PAGE 41





**Generations of** selection for: - Maternal Ability

- Fertility

Parasite Resistance



# BREEDING FUNCTIONAL KATAHDINS SINCE 1992

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**Katahdin Hair Sheep Breeding Stock** 

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# Katahdin Recipe Forum Part 1 of 2

Edited by Maria Dosch, Jim Morgan & Teresa Maurer

# **Mediterranean Lamb**

Submitted by Teresa Maurer, Arkansas

NOTE: Adapted from a recipe in the book Always Hungry by David Ludwig, MD

Servings: 4-6



# Ingredients:

3 Tbsp olive oil 4 cloves garlic, minced

1 1/2 pounds lamb cut into bite size pieces (ground lamb, or pieces of shoulder or leg)

1/4 tsp. ground black pepper 1 medium onion sliced into thin half moons

3 1/2 cups canned diced tomatoes (two 14.5 oz. cans or fresh in season)

1/4 cup Kalamata olives (pitted and chopped)

1 can cooked garbanzo beans, drained and rinsed

1/2 pound frozen cut green beans (or fresh in season)\* 1/4 cup feta cheese for garnish

### **Directions:**

- 1. Heat the oil in a large skillet or pot over medium heat.
- 2. Add the lamb and sauté for about 5 minutes
- 3. Add the onion and garlic and sauté until soft.
- 4. Add tomatoes, garbanzo beans, and olives.
- 5. Bring to a boil, then reduce the heat to medium-low and simmer for 10-15 minutes or until the lamb is fully cooked.
- 6. Stir in the green beans.
- 7. Cover and simmer for 3-5 minutes or until the green beans are tender but still bright green.

Serve immediately, garnished with feta cheese.

Notes: This recipe goes together quickly, cooks in one pan, and makes great leftovers.

\*If you can find Pictsweet Heritage Italian Green Beans in the frozen food section of your store, these are especially good, but any green beans will work.

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.

KATAHDIN RECIPE FORUM CONTINUED ON PAGE 40

# Will you include Youth Donations with your 2019 Dues?





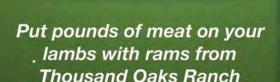
# WHICH RING DO YOU PROFIT FROM? THE SHOW RING OR THE SALE RING?

THOR GENETICS
GIVE YOU THE
ABILITY TO
PROFIT FROM
BOTH!





- PROVEN parasite resistance
   \*\*3 year university study with
   over 3,000 THOR sheep
   \*\*56 THOR rams in parasite
   and feed efficiency study
- Reliability on pasture plus performance in any ring
- 15+ years breeding & selling top quality Katahdin breeding stock











Kevin & Toni Beatty 28367 Fir Road \* Carl Junction \* MO \* 64834 Ph: (417)437-4523 kbeatty@hushmail.com www.ThousandOaksRanch.NET Thank You! To All Our Buyers in 2018



# Katahdin Recipe Forum Part 2 of 2

# **Lamb Tostadas**

Submitted by Teresa Maurer, Arkansas

Makes 8 Tostadas

# Ingredients:

8 corn tortillas

2 cups diced leftover cooked lamb (or cooked ground lamb)
grated or shredded cheese (Monterrey Jack or Jalapeno Jack work well)

sliced avocados

optional: jalapeno or pepperoncini pepper slices (jarred works fine)

#### **Directions:**

Heat oven to 400 degrees. Brush oil lightly on both sides of corn tortillas and place on baking sheet. Bake until crispy on one side (about 5 minutes) then flip and bake until other side crispy.

Turn oven to broil. Assemble tostadas on the baking sheet:

Crispy tortilla 1/4 cup lamb meat pepper slices (if desired) avocado slices grated cheese

Place tostadas under broiler for 1 minute or until the cheese bubbles--WATCH CAREFULLY--ovens vary.

Serve and make sure napkins nearby--messy, but well worth it.

#### **NOTES:**

- This is a handy use for leftover cooked lamb.
- Try variations on this--add finely chopped lettuce or cabbage, tomatoes, sour cream or yogurt after they come out of the oven.
- For a Greek variation--you could use pitas instead of tortillas and feta for the cheese.

# 







liver copper stores during a stress situation, which may result from excessive copper intakes or from low intakes of molybdenum, sulfur, zinc, calcium or following liver damage (Kimberling, C.V., 1988).

The most commonly deficient vitamin is vitamin A, as vitamin D is synthesized by sheep exposed to sunlight or fed sun-cured forages, and vitamin E concentrations are high in fresh forages. Rumen micro-flora synthesize B-vitamins in sufficient quantities, and B-vitamin supplementation is not normally needed. It is important to remember, however, that the most important nutrient is the one that is missing or deficient, and in the case of nutrient imbalances, there can be more than one! Magnesium, and the trace mineral manganese are cofactors in the energy producing metabolic pathways, and deficiencies can limit energy production and utilization at the tissue level.

If a mineral is \$1200 per ton, it seems like a lot of money so producers tend to purchase the cheapest mineral possible. However, at a 1.5 ounce per day intake, the mineral only costs \$.056 per day (\$1200/ton ÷ 2000 pounds = \$.60 per pound). At \$.60/ lb ÷ 16 ounces/pound = \$.0375 per ounce. If the intake is 1.5 ounces per day, that's \$.056 per day for mineral (\$.0375/oz. x 1.5 ounces/day). The cost of really great mineral nutrition is only \$20.50 per animal per year (365 days × \$.056 per day)! Well, does that pay? Let's assume that the price of lambs is \$2.00 per pound. If the ewe's nutritional status is insufficient, and she does not breed on her first estrus. it will be 15 to 17 days before she can breed. Normally, lambs should gain approximately .5 to .75 pounds per day. That's a loss of \$15 to \$25.50, even for a ewe that later becomes pregnant. On average, that's as much as the entire mineral nutrition cost for the ewe for the entire year!

Furthermore, many producers supplement their flocks with distillers grains, or corn. If dry distillers grains (DDG) are \$175 per ton, that's \$.0875 per pound (\$175/ton ÷ 2000 lb/

ton), and if corn is \$5.60 per bushel, it costs \$.10 per pound (\$5.60/bu. ÷ 56 lb/bu.). If a producer supplements their ewes with 1.5 pounds of distillers grains, or corn, for 60 days in late gestation and early lactation in order to keep good body condition and provide enough energy for

multiple fetuses during gestation, it would cost \$.13 per day for DDG, and \$.15 per day for corn. That's \$7.80 for DDG, and \$9.00 for corn and that doesn't include the cost, and time, involved with transportation and feeding. This doesn't even take into account the number of lambs that are born weak, or the fact that the quality of colostrum is impacted by nutrition.

Why not feed a mineral mix that improves the entire management of the ewe flock, allows the ewe to take advantage of improvements in body condition throughout the summer and fall, and improves her ability to deliver a live lamb and then rebreed in a timely manner. Producers could reduce energy and protein supplementation costs, reduce the average number of days from lambing to rebreeding, reduce the number of lambs treated for illness due to poor immunity early in life, and increase the total pounds of lambs weaned and whole-farm profitability potential, and focus more time on management.

# LITERATURE CITED

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Spears, Jerry W. 2003. Trace mineral bioavailability in ruminants. J. Nutrition. 133:1506S-1509S.







# Seedstock Marketing Strategies that Impact the Profitability of Sheep

Charles F. Parker, Ph. D.

Genetic value created by seedstock breeders provides the framework for adaptation, productivity and quality of food and fiber produced from sheep.

Understanding potential consumers of sheep genetics is paramount. The needs, wants, problems and management style of buyers all relate to the type and quality of genetic products in demand. Seedstock producers need to be aware of the attributes that attract consumers and the economic factors that affect market conditions. Sheep enterprises looking toward the future will be more closely managed as a business. The wants and needs of the economically impacted buyers are where creation of genetic products and development of marketing strategies begin.

Consumers of sheep products are changing their buying behavior regarding food and fiber source items. Buying trends are highlighted by products that are convenient, healthful, and easy care. Consumers are attracted to and will pay extra for branded items that insure quality, consistency and availability. Seedstock producers must direct more attention to product demand, development and merchandising. Important considerations for successful seedstock marketing include:

Supply/Demand Chain: Traditionally, breeding animals and associated genetic products are sold "to get rid of what you have". Effective marketing is structured "to have available what your customer will buy". While the traditional supply chain is linear in practice, the demand chain is circular, beginning with what the consumer wants and needs, continuing through marketing channels and ending back with the consumer. Therefore, it is critically important to understand the thinking of

the consumer--from *mind to market*.

Product Attribute Identity: Seedstock producers need to carefully identify product characteristics that have consumer appeal and value. The primary attributes of efficient meat producing sheep include: adaptability, reproduction, rearing/survivability, lean growth, maturing rates and meat value. Optimizing reproductive performance is the single most economically important meat production attribute. Essential traits should enhance adaptability, easy care and meat value along with genetic selection for resistance against gastrointestinal parasites and foot rot.

**Product Value:** Identifying genetic attributes to provide specific consumer valued products is important. Again this requires understanding consumer demands. For instance, some seedstock breeders may emphasize production of terminal sires for improving lean growth rate, early maturity, parasite tolerance and heavily muscled carcasses for commercial market lamb producers. Others may choose to meet a demand for a balanced genetic mix featuring reproductive efficiency, maternal ability, and foot rot resistance for use in producing commercial ewes. Breeding sheep with beautiful features, although traditional and popular in certain industry segments, will not genetically sustain an economically sound commercial sheep industry in the 21st century.

Product Line Additions: One aspect critically needed for improving commercial lamb meat production is a breeding plan to exploit the advantages of hybrid vigor. Production of differentiated ewe sires would provide a specialized segment need for the sheep industry and therefore create an important extra product line for

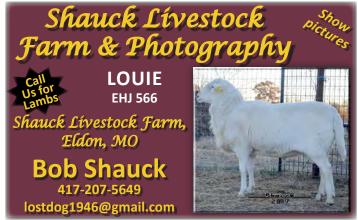
many seedstock breeders. The concept of "one stop shopping" should be considered by established seedstock breeders with large flocks. By creating non-related genetically different lines within a breed, customers would not have to change sources of genetics to avoid inbreeding. This breeding strategy could insure continuous customer purchasing.

**Product Branding:** One of the most powerful marketing strategies is product branding. Breeder identity, including stated breeding goals/objectives, flock history, flock production/health management programs, and logo are important to reflect the personality of the breeder and location. The goal is to create a positive image/interest in the minds of potential customers. However, promotion of a branded product without "product quality" becomes ineffective. A successful U.S. automotive merchandiser, Lee Iacocca, once stated, "Styling and value sells cars but quality keeps them sold". Customer loyalty, the goal of branded marketing, depends on quality, evolving product availability, reliability, trust and continued satisfaction. Branding is especially important for adding market value to differentiated products that have been created for new and emerging markets.

**E-Commerce:** The internet has become an evolutionary development that provides new opportunities for global marketing without the constraints of time and distance. The internet is a marketing equalizer available to seedstock breeders regardless of size and status and has created important merchandising opportunities for breeder/consumer connectiveness, product awareness and salability of quality genetics on a global

CONTINUED ON PAGE 44





# KHSI Member's Guide

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

#### 2018-2019 Board of Directors

President: Henry Shultz, beckyshultz@msn.com, 573-682-7127, Missouri

Vice President: Ron Young, roncyoung@gmail.com, 419-495-2993 or 419-203-6389, Ohio

Secretary: Jane Smith, dismicol@ffni.com, 219-474-3216, Indiana

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Director: Michelle Canfield, info@canfieldfarms.com, 360-770-0615, Washington

Director: John Dyer, jdkatahdins@reagan.com, 812-362-8012, Ohio **Director:** Lynn Fahrmeier, <u>Ifahrmeier@msn.com</u>, 816-517-5049, Missouri

**Honorary Members** 

Honorary Member: Charles Parker, cfparker@aglaia.net, Ohio

Honorary Member: Laura Fortmeyer, jubilee@jbntelco.com, 785-467-8041, Kansas

# **KHSI Operations:**

Jim Morgan and Teresa Maurer; PO Box 778; Fayetteville, AR 72702-0778

Phone: 479-444-8441; info@katahdins.org

- Contact Operations for the following:
  - Request coat inspections before May 15
  - 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

Publishing/Hairald: Lynn Fahrmeier - 816-517-5049

Registry Liaison: Michelle Canfield – 360-770-0615

Registry Policy: Michelle Canfield – 360-770-0615

**Show:** Henry Shultz – 573-682-7127

- 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 and email: available for messages 24 hours per day.

KHSI Registry: effective January 1, 2018

Jeff Ebert, KHSI Registry, PO Box 231, Wamego, KS 66547

Phone – 785-456-8500; Fax – 785-456-8599; Email – registry@katahdins.org

- Contact the Registry with questions about registration and transfer procedures.
- Send the following to the Registry:
  - completed forms for registering, recording, transferring and naming Katahdins
  - completed Membership Forms, Renewal Forms, Address Changes and Dues. Note: new memberships and renewals can be paid online using credit/debit cards at the KHSI website via PayPal.
  - Address changes or other corrections for print or web
- Office Hours (Central time): Monday to Friday 8 am- 4:30 pm.

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

Commercial Programs: Lynn Fahrmeier – 816-517-5049 **Promotions:** Robert Walker – 931-510-1322 **Youth:** Henry Shultz – 573-682-7127

Expo Programs: Lynn Fahrmeier – 816-517-5049

Finance: Robert Walker - 931-510-1322

Expo Sale: Jane Smith - 219-474-3216 **Video Hair Coat Inspections:** Michelle Canfield - 360-770-0615

Website, Social Media: Michelle Canfield - 360-770-0615 **NSIP:** Lynn Fahrmeier – 816-517-5049

# **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 February 20, 2019 to KHSI Operations Office for the Spring 2019 Hairald. Contact KHSI Operations, 479-444-8441 or *info@katahdins.org*.

# SHEEP WANTED

#### **WEST VIRGINIA**

Commercial Ewe Lambs. Looking for groups of ewe lambs 50-80 lb size to stock pastures. Willing to talk about reserving spring lambs. Brian Pulice 304-816-7857.

# SHEEP FOR SALE

## **ALABAMA**

Commercial Yearling Rams - Two available - diff. bloodlines. \$500 each. Born 02/2017. Both A-type coats twin born. 100% forage raised. Photos at https://www.facebook.com/Gaucho-Farms-152574738106671/ Suzanne Wright, Slocomb, AL (334) 803-4093 or suzannewright501@gmail.com

#### **ARKANSAS**

North Central AR. Registered Flock Dispersal: Due to sale of ranch. 30+ registered ewes bred for February 2019 lambing. \$350ea. 50+ ewe lambs born Feb 2018 bred for March 2019 lambing. \$325ea. Ann Evans, Enchantment Ranch. Summit, AR. 870-656-1080, ann@enchantmentranch.com Photos of flock @ Enchantment Ranch (Arkansas) facebook page.

# **FLORIDA**

**Southern FL.** Flock Reduction/Registered & Commercial. 20 late spring ewe lambs, 100% (\$500 each) and 50% (\$250 each) KHSI registered JM & HLB blood lines. Downsizing flock - several 2-4 yr old exposed ewes. Breeding rams (\$600 ea). **twobogquarters@verizon.net**, (863) 450-9188, Roberta Pettit, Lakeland, FL

# **ILLINOIS**

Central IL. Registered Mature Proven Ram. 220 lb proven Registered ram. He knows what his job is. We just got a new ram. Sarah Von Qualen, Temporarily Heaven Farm. Dalton City, IL 217-855-9339, sjvq42@outlook.com

# www.katahdins.org

# SHEEP FOR SALE

#### **KENTUCKY**

Central KY. Registered Ewes &Ram – Exposed. 14 ewes & 1 ram purchased from Howard Brown. Selling before lambing season since I'm saving up for college & no longer have the time to care for them. \$6000 for all. Larkin Williams, Williams Farm. Bloomfield, KY. (270) 316-0184 or David.williams@kyfb.com

#### **MARYLAND**

Central MD. Registered Rams & Ewes. Beautiful 2 yr old registered brown ram \$450. Other rams at \$175. 2 yr old speckled & white registered ewes. Nice conformation. \$275 each. Eric Neilson, Justifiable Acres. Lisbon, MD 301-676-2179 or pneilson2012@gmal.com

## **MISSOURI**

South Central MO. Commercial & Registered Ewe Lambs. 50 commercial, 30 registered, Mar/Apr born ewe lambs, pasture lambing operation. Sired by Birch Cove (BC) & KRK rams. Stuart Zimmerman, Zimmerman, Farm, Tunas, MO. 417-419-9541. \$185 per head or \$175 per head for groups of 25 or more commercial. Registered \$250/head

#### **MONTANA**

NW MT. Registered Ewe Lambs. 50 Mar-Apr born ewe lambs. Quality. Good shedders from a 200% plus flock. Health certifications and state specific required health information can be arranged by owner and cost will be the responsibility of the purchaser. Christy Kemp, River Breaks Ranch, Glendive, MT. Call/Text 406-941-0828.

# SHEEP FOR SALE

#### **NEBRASKA**

SE NE. Registered Ram/Ram Lambs. Commercial Ram Lamb. 2017 RR Twin. \$400. sire - TMD Orion. Four 2018 Feb/Mar twin born, RR from our top three production ewes. \$375-\$425. Forage based farm. Facebook at Nemaha Hill Katahdins. Near Lincoln, NE. Lori French, Nemah Hill, Ceresco, NE. (402) 217-6217, lori.french@nemahahill.com, http://www.nemahahill.com

#### NORTH DAKOTA

Commercial Flock Dispersal. Out of quality registered stock in N & S Dakota, Dosch & Strelow. 60 March born ewe lambs, 20 yearlings, 25 mature (5-7 yr old) ewes. Ewes are on pasture now. Scott Hampson, Valley City, ND. 7014-840-8761.

## **TENNESSEE**

NETN. Registered Ram Lambs. 4 twin born April ram lambs. Codon tested & tested negative for OPP. Excellent ADG averaging .79-.94 lbs/day. Easy keepers & very healthy. Sired by PKF 0130 "Burlie." Prices \$300-\$450. John & Sandra Coward, Round House Farm. Speedwell TN, (423) 441-0295 or roundhousefarm@yahoo.com

South x SE TN. Downsizing. Small family farm 40 miles SE of Nashville 20 2018 ewe lambs. 2 ram lambs. sheep are healthy, docile, friendly, grass fed primarily, vaccinated. Selling 7-10 mature ewes 2 gene tested Small discount for large group purchases. Maura Campbell, Stolen Moments Farm, Lacassas, TN. (615) 202-6010, Stolenmomentsfarm@gmail.com or http://www.stolenmomentsfarm.com

## SEEDSTOCK MARKETING STRATEGIES, CONTINUED FROM PAGE 42

basis. It is difficult to envision effective marketing in an evolving economy without the adoption of e-commerce.

Premium quality seedstock genetics can insure profitable returns through-

out the production-marketing chain and should be considered a long term "blue chip" investment not only for the benefit of progressive breeders, but the entire sheep industry.

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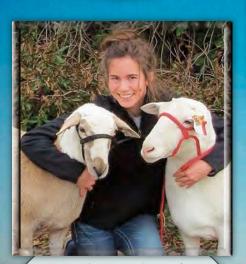
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| Thousand Oaks Ranch, Kevin & Toni Beatty, Missouri                  |    |
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# Congratulations to our 2018 KHSI Scholarship Recipients



Brayden Burbrink of Columbus, Indiana Brayden is majoring in Animal Science, Pre-Veterinary Medicine at Purdue University



Kathryn LeBlanc of Rayne, Louisiana Kathryn is majoring in Pre-Veterinary Medicine at Louisiana State University

# We thank all the members who donated to the fund.

See the Fall 2018 Hairald for a list of those who contributed, and include Mark & Mickey Sue Dennis who donated to the Katahdin Youth in the \$100 plus category



Emilie Tamblyn of Manteno, Illinois Emilie is majoring in Animal Science at Iowa State University



Elizabeth Fahrmeier of Wellington, Missouri Elizabeth is majoring in Agribusiness Management at University of Missouri, Columbia



Kalese Jones of Hallsville, Missouri
Kalese in majoring in Agricultural Biochemistry at University of Missouri,
Columbia