

The Katahdin Hairald

Quarterly Newsletter of Katahdin Hair Sheep International



Volume 31, No. 2

www.katahdins.org

Summer 2019



Welcome New Members

Mid-February to
Mid-April 2019

Youth Members

Adisyn & Madalynn Bodiford..... Wilmar, AR
Cleo & Molly Neptune.....Pyatt, AR
Grant Lynch of Hidden Oaks Farm of Lake Mary..... Lake Mary, FL
Kevin Sommers of Sleepy Lane Farm..... Cincinnati, IA
Hope Faris of Grazy Days Family Farm..... Union Bridge, MD
Gracyn Foster Laurel, MS
Kali Kasterme of K2 Farms Shawnee, OK

Voting Members

Brad Larrimore Sr of Double LL Dickinson, AL
Charles R Smyder Jr & Jarrett Kenyon of 150 Redline Farm Alachua, FL
Jose Molina of Molina RanchLeCanto, FL
John Hadden of Georgia Lamb at Hadden Farms Gibson, GA
Martin M Huggins Sr. of H&H Farms, GA..... Fayetteville, GA
Lyle Behl of Behl Farm Rochester, IL
Joyce Burnham Steeleville, IL
Lindsay Rawson Oquawka, IL
Nelson Eylander of Eylander's Farm Demotte, IN
Robert Graber..... Salem, IN
Jarrott Lande of Walters-Lande Wakeland FarmParagon, IN
Tom & Braden Smith of Smith's Stillwater SheepMilford, IN
Jeff & Mary Gross of JJ's Katahdin Sheep Farm Defiance, IA
Emily Parks of Parks Haven Farm..... Independence, IA
Jess & Tiffini Toliver of Toliver Livestock Company..... Eagle Grove, IA

Rene & Nichole Valverde of Chestnut Hill Family Farm.....Denver, IA
Ervin Byler of River Bend Katahdins Horse Cave, KY
Kayla Ferrell of Honey Locust Farms.....Paducah, KY
Timothy and/or Patty Johnson of TPJ Farms. Scottsville, KY
Chance Hillman of Hillman Wellbore Completions..... Iota, LA
Jerome & Kathy Richard of Bayou Wickoff RanchChurch Point, LA
Ron & Bobbi Koski of Double V K Farms..... Rock, MI
Nathaniel J Mullet of Maple Valley Katahdins Nashville, MI
Jason Thomas of Opasum Praire Farm Niles, MI
Stephen & Judy Chesley Luverne, MN
Eric Vander Plaats of Fountain Prairie Katahdins Holland, MN
Dan & Lisa McRae Holland of Double J Ranch Daleville, MS
Alfred Moore of Moore's Plants Ruth, MS
Liz & Shane Manning of Bourbeuse Bend FarmOwensville, MO
Brian Whitmer of Whitmer Livestock FarmStewartsville, MO
Josh Heibel of Heibel Farms Silver Creek, NE
Vince & Lindsay Shaw of Shaw Farms Roseland, NE
William & Alecia Shelton of Shelton Family Farms Taylor, NE
Peter & Deb Donohue of Black Sheep Farm LLC..... Alexandria, NH
Chad & Deb Mills of Life and Liberty Farm ... Franchestown, NH
Carmelo W Meli of Meli Mountain Farm..... Delancey, NY

Margaret Buck of Circle B Farm Quacker City, OH
Michael & Carol Fox of JEM Farm..... Tipp City, OH
Kelsey Jesson of Pleasant View Farm Mount Gilead, OH
Richard Boren of Aldrich Mountain Farms ... Dayville, OR
Karen Frogner of Metta Four Farm..... Molalla, OR
Isaac King Jr Willow Street, PA
Quentin Shirk of Quaff Meadows..... New Columbia, PA
Kim Eden of Night Whisper Farm Adams, TN
Sandy Ellis of Little Farm at Chesnut Hill Dandridge, TN
Oscar Jaramillo of Rancho Jaramillo Franklin, TN
DeAnn Shults of Have Ewe Herd Acres Greenville, TN
Tyler Jacob White of White Farms..... Lawrenceburg, TN
Marti Carlson of NP RanchSanger, TX
Alfonso & Julieta Esquivias Gomez of La Estancia RanchSan Antonio, TX
Kevin & Anna McIntosh of MAK Farms..... Cleveland, TX
James & Tina Northam of Northam Acres Floresville, TX
Rachael Faber of Grace Farm..... Glade Spring, VA
Kelly & Mikael Peters of River Run Farm Martinsville, VA
Aimee Henson & Patrick Nelson of Crowsfeet Farmstead Everett, WA
Jay & Beth Reimer of Tariku Farm LLC Everson, WA

Pick Your Hotel for the 2019 KHSI Expo & International Congress

The 2019 KHSI Expo & 2nd International Congress have blocks of rooms reserved in 8 hotels. Pick your favorite. Mention "Sheep Expo" and reserve soon.

La Quinta - \$99 + Tax, 1131 S Jefferson Ave, Cookeville, TN 38501, (931) 520-3800 (July 1 release date)

Best Western - \$70 double queen/\$75 king + tax, 900 S Jefferson Ave, Cookeville, TN 38501, (931) 526-7115 (July 30 release date)

Fairfield Inn - \$99 + Tax, 1200 Sams St, Cookeville, TN 38506, (931) 854-1050 (July 26 release date)

TownePlace Suites - \$109+tax, 1250 Sams St, Cookeville, TN 38506, (931) 548-0950 (July 26 release date)

Holiday Inn Express - \$119 + tax, 1228 Bunker Hill Rd, Cookeville, TN 38506, (931) 881-2000 (July 26 release date)

Hampton Inn - \$119 + tax, 1025 Interstate Dr, Cookeville, TN 38501, (931) 651-1500 (July 26 release date)

Comfort Inn & Suites - \$99.99 double queen/\$94.99 king + tax, 1045 Interstate Dr, Cookeville, TN 38501, (931) 372-0086 (Aug 1 release date)

Comfort Suites - \$99.99 double queen/\$94.99 king + tax, 1035 Interstate Dr, Cookeville, TN 38501, (931) 372-1881 (Aug 1 release date)

There are three hotels with pet policies. The LaQuinta and Best Western are \$20 per night and TownePlace Suites is \$75/stay. These pet fees are in addition to room rates.

Summer 2019

VOLUME 31 | ISSUE 2



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KHSI Board of Directors

President Henry Shultz
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Treasurer Robert Walker
Director Michelle Canfield
Director John Dyer
Director Lynn Fahrmeier

Advertising

Display Ad Rates ★: 2019 rates on page 2.
Contact Education for ad specifications at
717-335-8280 ext 2 or education@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 Fall 2019 Hairald due June 4, 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 • 717-335-8280
ext 4 or 479-439-0726 gail@xpressionsonline.us
www.xpressionsonline.us

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Cover: "MIG - Management Intensive Rotational Grazing with 3 Strands of Hot Polywire", 2018 KHSI Photo Contest, Karen Kenagy, Oregon

Pictured Above: "4-6 Month Old Ram Lambs Picking on the Pounds", 2018 KHSI Photo Contest, Judy Kincer, Virginia

Directors Corner

Henry Shultz
KHSI President, Missouri

As summer quickly approaches, I encourage all members to take advantage of the events and activities that KHSI and other organizations provide for shepherds raising Katahdins.

The Midwest Stud Ram Sale is held every year in Sedalia, Missouri June 24-29. On Monday June 24, KHSI sponsors the Dr. Leroy Boyd Memorial Youth Show which starts at 9:00 AM. We have youth from several states participating and every year we look forward to meeting new youth exhibitors. The Katahdin open show is held on Tuesday June 25 at 8:00 AM and the International Katahdin Sale starts bright and early at 8AM

on Thursday June 27. Join us at 7 AM prior to the sale for coffee, donuts and bagels.

KHSI is offering an education program on Wednesday afternoon scheduled to start at 3PM at the Dr Taylor Randall Woods Reception Hall. The program will feature a panel of three producers who direct market lamb. Samantha Craig of Michigan will talk about their CSA (Community Supported Agriculture). Jake Reister lives in Washington state and direct markets 140 lambs per week to restaurants and markets. The panel will finish with Jane Smith talking about their direct marketing of light lambs in Indiana. The direct marketing presentations will be followed by Alan Culham speaking about NSIP (National Sheep Improvement Program). Wednesday evening includes a barbecue, where the overall Supreme Champion Ram and Ewe of all breeds are selected. Then it is back to the Katahdin pens where KHSI will sponsor an ice cream social. I have always enjoyed getting to meet the Katahdin breeders and talk sheep and learn about what management styles fit with different locations and goals

There are many events this summer. These are listed in the calendars in the centerfold and some have specific articles. There are the NSIP sales in July and August, the SCKA (South Central Katahdin Association) meeting in June and the Rocky Mountain Katahdin Association also gathers in June. A highlight of the year will be in August in Cookeville, Tennessee where KHSI hosts the Katahdin Expo, National Katahdin Sale and the 2nd International Katahdin Congress. In September the Southwest Area Research and Extension Center for Virginia Tech will host a Pasture Ram Test Sale (more information in the next issue of the Hairald) I would encourage you to search through the magazine for all the dates for these events and more details.

If you get a chance to attend any of your local fairs and events, please stop and visit with the junior exhibitors and find out about their youth projects.

As President, I thank all the breeders and board members who have helped with our transitions in the past year. I feel we have a bright future for our breed and I appreciate all of you that have shared our passion for supporting Katahdins.

2019 Katahdin Hairald Display Ad Prices & Publication Schedule

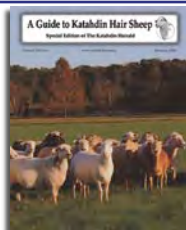
Ad Size	Member Sheep Ads Cost-Color Ad	Commercial Advertisers Cost-Color Ad
full page	\$250	\$330
1/2 page.....	\$130	\$175
1/4 page.....	\$70	\$90
1/8 page (business card).....	\$45	\$55

2019 Hairald Publication Schedule

	Fall	Winter
Article Deadline/Display Ad commitment deadline (inc. ad size).....	Jun 4	Oct 23
Display Ad content due to Xpressions	Jun 11	Oct 29
Classified Ads due to Operations.....	Jun 11	Oct 29
Mailing date (Bulk Mail)	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 739 Fowlerville, MI 48836

MSK
Moonshine Katahdins
Building on Quality
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9743 N 1130 E • Caitlin, IL 61817
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MSK

CEK
Kiefer
Sheep Farm
Chad & Elizabeth Kiefer
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Sedgewickville, MO 63781
(573) 944-3498 or (573) 712-8940
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Look for us at the Midwest Stud Ram Sale!

2018 KHSI Statistics: Comparing with Other Breeds

As mentioned in the Spring 2019 Katahdin Hairald, KHSI set new records for registration numbers, transfer numbers and membership. In comparison to other breeds of sheep, from 2012 to 2018, Katahdins have been in the top two or three breeds with registration numbers. In many of those years our breed had the highest number of registrations.

Katahdins continue to have stellar years with great national and regional sales and attendance at our Annual Expo. The three largest sales include the KHSI National Sale at the Expo, the Katahdin International/Midwest Stud Ram Sale in Missouri and the Virginia Tech Forage-based Ram Test.

It is hard to single out one thing, but it is always worth looking at transfers. Transfers are the number of

registered sheep sold and are a good measure of the breed's success and outreach. We have led this category since 2011. It should also be mentioned that the organization is also greatly strengthened by strong membership numbers.

If you have any questions about the tables, contact KHSI Education Office at 717-335-8280 ext 2 or education@katahdins.org.

Top 6 Breed Registrations: 2007-2018

Breed	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Katahdin	10053	9972	9427	8053	8021	8338	8131	6744	4753	4979	5070	5089
Dorper	9676	8605	8311	8571	7144	6335	6505	6176	5045	4998	5337	5763
Hampshire	7398	7984	7046	9032	7444	7447	7760	8112	6793	8459	7583	9127
Suffolk	6345	6104	6765	6386	7115	7439	8761	9546	9811	10146	11034	12519
Dorset	6459	6039	5850	5944	5521	6265	6493	6045	6240	7211	7434	7825
Southdown	5787	5732	5474	5235	5157	5157	5072	5010	5059	5026	5222	5174

Top 6 Breed Transfers: 2007-2018

Breed	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Katahdin	6228	6222	5406	4784	4040	4197	4456	3907	2761	2584	2232	2588
Dorper	5094	4534	4708	4241	3832	3374	3289	2723	2645	2384	2360	2426
Hampshire	4164	3826	3337	3899	3647	3435	3587	3485	3390	3752	3658	3929
Southdown	3454	3113	2991	2645	3174	2573	2573	2506	2548	2426	2537	2522
Dorset	3456	2932	2823	3006	3062	3032	3370	2912	3157	3545	3680	4703
Suffolk	2177	2425	2634	2294	2944	2871	3094	3140	3453	3934	4700	5310

Did You Shut the Gates This Spring?

Jim Morgan, KHSI Education Office

Editor's note: This article applies to those flocks that leave their sheep on pasture all winter and don't keep them in dry lots. This is an easy way to do some "controlled grazing".

Those producers who use spring grazing to reduce inputs to their sheep flock look forward to spring grass growth so they can quit feeding hay or reduce the amount of hay or grain. Often it seems like it is just a week away but it can stretch on for an extra 3-4 weeks before the grass gets ahead of the sheep.

If the shepherd leaves their sheep on pasture on winter in regions of the country without much snow, every time a blade of grass gets about 1 inch

tall, the sheep eat it. This can cause a huge delay, and pushes back the date when the pastures can start providing a significant amount of grazing, thus reducing hay costs.

If you shut the gate to your pasture or a portion of your pastures at the right time and keep the sheep off, the grass can significantly reduce your hay costs for the last month. By shutting some gates, the grass will grow to the 1-inch height and then 2 inches and then 4 inches. Then you can let the sheep in and there is probably enough grass to start grazing a few weeks to a month before you would have if you hadn't shut the gates. The hard part is timing it right. So think about shutting the gates next spring if it works for your grazing system.



Past issues of the Katahdin Hairald can be downloaded at the magazine tab of www.katahdins.org

Checklist for Management Decisions that Increase Profits

Jim Morgan, PhD Arkansas

It's time to take advantage of available efficiencies of sheep and feeding practices to improve our bottom line. There are many ways that we as shepherds make management decisions that increase or decrease profit. Knowing the key principles will save money, capture more profits and improve the bottom line. Granted, there are limitations that prevent shepherds from taking advantage of all items in the checklist below. But all shepherds can meet part of this checklist by managing for optimal feeding of their ewes during non-lactation or early gestation. Shepherds with Katahdins should strive for weaning a 200% plus lamb crop in their mature ewes. Check out the Checklist:

- ☒ 200 % Weaned from mature ewes
- ☒ Feeding ewes efficiently
 - ☒ Ewes managed in 3-5 week lambing windows in tight lambing groups
 - ☒ During gestation and lactation feed ewes based on the number of lambs ewe is carrying and raising
 - ☒ Match nutritional inputs to ewe flock to production status
- ☒ Match ewe mature size to size of market lamb.
- ☒ Use a terminal breed sire on your Katahdin ewes
- ☒ Enhance early lamb growth rate (birth -120 days of age)
- ☒ Running cattle and sheep in your management system

Below is a brief discussion of how each of these affect profit.

200% Weaned. Ewes that raise twins can produce between 90-140% of the weight of the "Momma" each year. A beef cow has a calf that is about 60% of her weight on an annual basis. So if a ewe weans twins she is significantly more efficient than a beef cow on a per pound input and production basis. A shepherd cannot sell what is

not born or is not alive at marketing time. Profit starts with selection and management for weaning twins. This is a key biological efficiency of sheep that requires selection for genetics that consistently raise twins plus.

Feeding Ewes Efficiently. Next to managing and selecting for twins, inefficient feeding of the ewes is typically the most common money drain in sheep production. Feeding ewes efficiently is based on understanding three main concepts: Production status affects optimal nutritional requirements, lactation (milking) curve and managing ewes based on the number of lambs carried during gestation and nursed.

Production Status Affects Optimal Nutritional Requirements. Ask yourself, "am I feeding too much during maintenance and early gestation?" We all understand this but we may not realize the magnitude. Changes in nutritional needs can be broken down into several periods during the year including maintenance, breeding, early, mid and late gestation and lactation. To keep things simple, a shepherd can break the annual cycle into two major categories:

- 1) maintenance to mid gestation and
- 2) late gestation/lactation period.

A ewe in maintenance ration needs about 1.75 to 2.0% of body weight of dry matter. A ewe in late gestation and lactation requires 4.0 to 4.5% of body weight of quality dry matter. So does your management system cut feed by 50% or more percent over the year? If not, your system should be changed.

There are exceptions to these general feeding guidelines which require higher nutrition levels. These include feeding pregnant ewe lambs, flushing ewes during aseasonal breeding and when it is colder (below 10° F). Note that the maintenance feeding period of the year is more than two times as long as the high input period of late gestation and lactation.

Lactation/milking curve. Many flocks have a 3-4 month lambing period which if ewes are not managed separately, leads to significant over feeding. Ewes reach peak lactation 30 days post lambing and by day 60

are producing 30% of peak milk. If the ewe management group includes mommas lambing over the course of two months or longer at any particular time, 30-70% of the ewes are either being underfed or over fed. The lactation curve dramatically illustrates the importance of managing for tight lambing and management groups. And note that a pound of feed to a ewe at 60-90 days will have much less impact on lamb weight gain than directly feeding the lamb.

Manage ewes separately during gestation and lactation based on the expected number of lambs and number being nursed. This is harder for smaller flocks, but important to note. According to 2007 NRC for sheep (National Research Council) a ewe nursing triplets requires approximately 45% more nutrition than ewes nursing singles. Number of lambs being carried requires ultra-sounding pregnancy status. Ultrasound is an extra expense but allows shepherds to identify open ewes and cull them, or at the very least feed them less. But if the ultrasound results mean that a single-bearing ewe can be fed 20% less than the twin-bearing ewes for 3-4 months, the savings can add up.

Match mature ewe size to market lamb weight. This is another common disconnect. Many shepherds say bigger is better and that is the primary selection category. Lambs, calves and pigs finish (ratio of fat to protein in the muscle) at about 60-70% of the weight of their mature momma. If the market of a flock is for 80-pound lambs or less, a 120 pound ewe is adequate and more efficient than larger ewes. In general, a shepherd can manage three 120-pound ewes on the same feed as two 180-pound ewes and have 50% more lambs to market. If marketing 100-pound lambs, ewe should be 150 to 160 pounds.

Terminal Sire. This refers to using a cross bred system and using a faster growing more heavily muscled sire breed while maintaining a smaller more efficient ewe requiring fewer inputs. Heterosis (hybrid vigor) leads to faster growing lambs and increased lamb vigor. Note: having cross-bred

CONTINUED ON PAGE 5

lambs can complicate keeping replacement ewe lambs and parasite issues if the terminal sire breed is very susceptible to parasites.

Early lamb growth rate. Young lambs, calves and pigs are significantly more efficient at converting feed stuffs including milk to pounds at early ages. A pound of feed or grass goes much further being fed to a lamb at 60 days of age rather than at 6-8 months of age.

Running sheep and cattle in the same operation. There are multiple ways that producers have implemented this. Studies indicate that adding one ewe per cow does not affect cattle stocking densities. Also, preliminary studies indicate that managing sheep and cattle together results in increased weight gain of both lambs and calves and decreased parasite loads of both sheep and cattle. Cows are more likely to eat the over mature grass

that sheep leave behind and sheep will eat many weeds that cattle don't, decreasing needs for brush hogging and herbicides. In summary, there are multiple ways a shepherd can increase profits. It is recommended that a farm budget and flock goal analysis will help determine which parts of this checklist apply to your operation. Don't burn money by wasting grass, grain and/or hay by feeding ewes who are too big or by feeding too much during maintenance or early gestation. We also can't overemphasize the importance of prioritizing weaning twins and managing nutritional inputs to match the nutritional needs of the ewe. This is much more important than selecting primarily for increased rate of gain and mature size.



Great Pyrenees Guard Dogs

James Lovelace
Circle L Ranch • Troy, MO
jameslovelace@hotmail.com • 573-384-5398

Make a Note
KHSI Operations
new address:

P. O. Box 739
Fowlerville, MI 48836
717-335-8280 ext. 1

Here's 21 reasons to **BE EXCITED**
for our Fall ewe lambs for sale...



Be sure to stop by and see us and our sheep that are up for sale at the Midwest Stud Ram Sale!

JUSTIN & CRISSA FRUECHTE

Ward, SD
605-690-3309

www.sturdypostranch.com



White Muscle Disease in Sheep and Goats

Michael Metzger

Michigan State University Extension

If you are raising sheep and goats in Michigan or other selenium deficient areas, you need to take measures to prevent white muscle disease.

White muscle disease (WMD) is caused by a deficiency of selenium and/or vitamin E. It is a degenerative muscle disease found in all large animals including sheep and goats. Generally, it is not known exactly which specific deficiency causes the condition. Selenium (Se) deficiency is associated with selenium deficient soils and the inadequate uptake of selenium by forages grown on these soils. Certain areas of the U.S., including Michigan, are considered low in selenium levels. Vitamin E deficiency is independent of soil type and more closely reflects forage quality. Fresh legumes and pasture are good sources of vitamin E and stored feeds tend to be poor sources of vitamin E. Stored feeds can lose up to 50 percent of their vitamin E per month. All breeds of sheep and goats are susceptible

to WMD and it is most common in newborns or fast-growing animals. Kids are more susceptible than lambs, possibly because they have a higher requirement for selenium.

The disease can affect both the skeletal and cardiac muscles. Skeletal muscles symptoms vary from mild stiffness to obvious pain upon walking or an inability to stand. Lambs/kids may tremble in pain when held in a standing position. Hunched animals with a stiff gait are common. Affected lambs/kids may remain bright and have normal appetites until they become too weak to nurse. When the problem occurs in newborns, they are born weak and often cannot get on their feet. Sudden exercise may trigger the condition in older lambs and kids. In adult animals deficient animals may have poor conception rates, abortions, stillbirths and miscarriages, retained placentas, or deliver weak kids or lambs. Cardiac symptoms can be very similar to pneumonia. They include difficult breathing, frothy nasal discharge, and fever. Heart rate and respiratory rate are elevated and

irregular. Both types of WMD often occur at the same time. When WMD affects the skeletal muscles it can be treated with supplemental selenium and vitamin E and animals should respond within 24 hours. Cardiac muscle damage is often permanent.

WMD can be prevented by supplementing selenium and vitamin in areas where soils are deficient. Selenium supplementation is controlled by law. Total daily consumption of selenium must not exceed 0.7mg/head/day. Ideally the total diet for sheep and goats should contain between 0.10 to 0.30 ppm of selenium. Injectable forms of selenium are available, but are a poor alternative to supplementing in the feed and Michigan State University Extension does not recommend using an injectable form of supplementation in sheep and goats.

Editor's Note: This article was published in January 2019 online at the Michigan State University website: <https://www.canr.msu.edu/news/white-muscle-disease-in-sheep-and-goats>

Twin Rams

Sire: CSA 626, Dam: DW 1327

DW



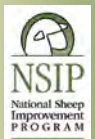
Their Dam (DW 1327) is our top indexing ewe out of BAG 1727 (who was the top selling ram at Pipestone in 2011) and PVR 196 (sire of numerous top commercial rams & ewes). This ewe has *never* lambd a ewe lamb – all twin rams in 6 lambings.

We plan to retain the best of these 2 rams on August 1 and the other one will go to the KHSI Expo.

DOYLE WEAVER KATAHDINS

Doyle & Judy Weaver

Nevada, MO • 417-667-5294 • doyle_judyweaver@yahoo.com



Gathering of Generations for a Timeless Tradition

**Don't Miss the
Katahdin Excitement!**

SEDALIA

MISSOURI STATE FAIRGROUNDS

Monday, June 24th @ 9:00 a.m. ~

LEROY BOYD KATAHDIN JR. SHOW

Judge: Trent Nichols

Tuesday, June 25th @ 8:00 a.m. ~

KATAHDIN SHOW

Judge: Brian Schermerhorn

Thursday, June 27th @ 8:00 a.m. ~

INTERNATIONAL KATAHDIN SALE

*Pictured are the 2018
Katahdin Champions at Sedalia*



Grand Champion Katahdin Ram, Senior Champion, 1st Yearling Ram consigned by Julian & Moore, sold to Rack of Lamb Corral, KS at \$3,750.

**The 2019
INTERNATIONAL
KATAHDIN
SALE**

Grand Champion Katahdin Ewe, Senior Champion, 1st Fall Ewe Lamb consigned by Riviera, sold to Country Lane Katahdins, MO at \$1,100.



Other Katahdin Events At Sedalia:

Wednesday, June 26th @ 3:00 p.m. ~

KATAHDIN HAIR SHEEP INT'L INFORMATIONAL & PRODUCER PANEL

(Dr. Taylor Woods Reception Hall, sponsored by KHSI)

Wednesday, June 26th @ 8:00 p.m. ~

KATAHDIN ICE CREAM SOCIAL

(Katahdin Pens in the Sheep Barn, sponsored by KHSI)

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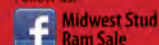
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USDA Mandatory Scrapie Program Updated on April 24, 2019

Jim Morgan, KHSI Education Office

The updates have very limited impact on most KHSI members unless they have goats or are shippers moving sheep in slaughter channels. For a limited time, producers ordering USDA Scrapie Eradication Program tags for the very first time can get up to 80 tags free. The official National Scrapie Eradication Program Standards are 126 pages long if a person wants some extra practice reading. There is also a Fact Sheet and Flow Chart to help those who want to know more about those 126 pages without reading the whole thing. These documents are at: <https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/animal-disease-information/sheep-and-goat-health> and click on the "Educational Materials" link.

On a regular basis, the KHSI Education Office staff talks to new Katahdin owners and/or new KHSI members who bought sheep without official identification. It pays all of us shepherds to educate new owners.

Following these three rules will keep you in compliance: a) Tag all sheep that leave your premises with a USDA approved Scrapie Eradication Program tag whether being sold, leased, going to slaughter, a show or just moving to a neighbor's 1/4 mile down the road.

b) Keep records of all sheep that you purchase or sell for 5 years and c) Never ever purchase a sheep without an official USDA Scrapie Eradication Program approved ID. These regulations have not changed. Look for the official US shield on the tag

There are some changes that went into effect on April 24, 2019 that affect animals that are in official slaughter channels. They won't be detailed in this article and it is unlikely that they will affect any KHSI members. Those of us that take animals to a sale barn, even if going to slaughter, must have an official USDA Scrapie identification tag.

The next update also may not apply to many members of KHSI. There are

a few free tag options for flocks ordering USDA Scrapie tags for the first time. Until August of 2019 a limited number of free metal tags are available for small ruminant producers being assigned a Scrapie premise ID for the first time. Also, a limited number (80) of free USDA Scrapie program approved plastic tags are available until September 2020 for small ruminant producers being assigned a Scrapie premise ID for the first time. Most members of KHSI will need to buy USDA approved Scrapie tags.

To request official sheep and goat tags, a flock ID, or both, call 1-866-USDA-Tag (866-873-2824).

The 505S applicator for the official metal tags is available for purchase from the **National Band and Tag Company** at 859-261-2035. The "Allflex Universal Tagger" for application of the plastic tags provided by APHIS is available for purchase from multiple sources, including directly from Allflex at 833-727-2743.

The companies listed below are approved. These ear tags and devices are approved for the official identification of sheep and goats in interstate commerce. There are **restrictions** on the use of implantable devices.

Note: SFCP tags may only be purchased by owners of flocks participating in the Scrapie-Free Flock Certification Program. Regular program tags may be purchased by any producer who has a flock/premises ID.

Allflex USA, Inc.
PO Box 612266
2805 East 14th Street
Dallas Ft. Worth Airport, TX 75261-2266
Phone: (833) SCRAPIE [833-727-2743]
Fax: (972) 338-3445
Website: www.scrapietags.com
E-mail: scrapiefulfillment@allflexusa.com
(RFID and Plastic eartags in several colors- regular and SFCP)

Alliance ID, USA
2199 Manton Drive
Covington, Louisiana 70433
Phone: 985-898-0811
800-434-2843
Website: <https://www.microchipidsystems.com>

Email: answers@microchipidsystems.com

Contact: John Wade, DVM
(RFID 840 microchip transponders in syringes. Universal scanners)

EZid, LLC
4412 W 4th Street Road
Greeley, CO 80634
Phone: 970-351-7701
877-330-3943
Website: <http://www.EZidAvid.com>

Email: Sales@EZidAvid.com
Contact: Elsie McCoy
(RFID - Avid Microchip transponder implants and scanners)

National Band & Tag Company
721 York St., P.O. Box 72430
Newport, KY 41072-0430, USA
Phone: (859) 261-2035
Fax: (859) 261-8247

Website: <http://www.nationalband.com/>
E-mail: tags@nationalband.com
Contacts: Kevin Haas, Sarah Fields

(RFID tags and metal tags in white, green, orange, mauve and bright metal)

Premier 1 Supplies LLC
2031 300th St
Washington, IA 52353
Phone: (800) 282-6631
Fax: (800) 346-7992
Website: <https://www.premier1supplies.com/c/ear-tags-and-tattoo-supplies/ear-tags-for-usda-scrapie-eradication-program>
E-mail: info@premier1supplies.com

Contact: Customer Service
(Plastic eartags in several colors- regular and SFCP)

Shearwell Data USA
Phone: (320) 760-4696
Website: www.shearwell.com
E-mail: dan.persons@shearwell.com

Contact: Dan Persons
(RFID and Plastic eartags in several colors- regular and SFCP)



Sample of an official Scrapie Eradication Program tag with State/Flock ID animal ID and shield with "US" in it.

MASTITIS IN SHEEP AND GOATS

Michael Metzger

Michigan State University Extension

Mastitis in sheep and goats is important because it can reduce productivity of the animals and farm profitability.

Mastitis is an important disease of sheep and goats because it decreases the amount and quality of the milk produced by a dairy animal and reduces weight gain in lambs and meat kids. It can also affect animal wellbeing. Mastitis is an inflammation of udder. Physical injury, stress, or bacteria can cause mastitis. There are several bacteria which are known to cause mastitis in sheep and goats including *Streptococcus* sp., *Staphylococcus* sp., *Pasteurella* sp., and coliforms, such as *E. coli*. The exact type of bacteria that is causing the mastitis can only be determined by laboratory analysis. Mastitis can either be clinical or subclinical. Clots or serum in the milk are signs of clinical mastitis. In addition, the udder may become swollen, hot and/or tender to the touch. Subclinical mastitis is only detectable using

a test such as the California Mastitis Test (CMT) or counting inflammatory cells in the milk or culturing milk in the laboratory.

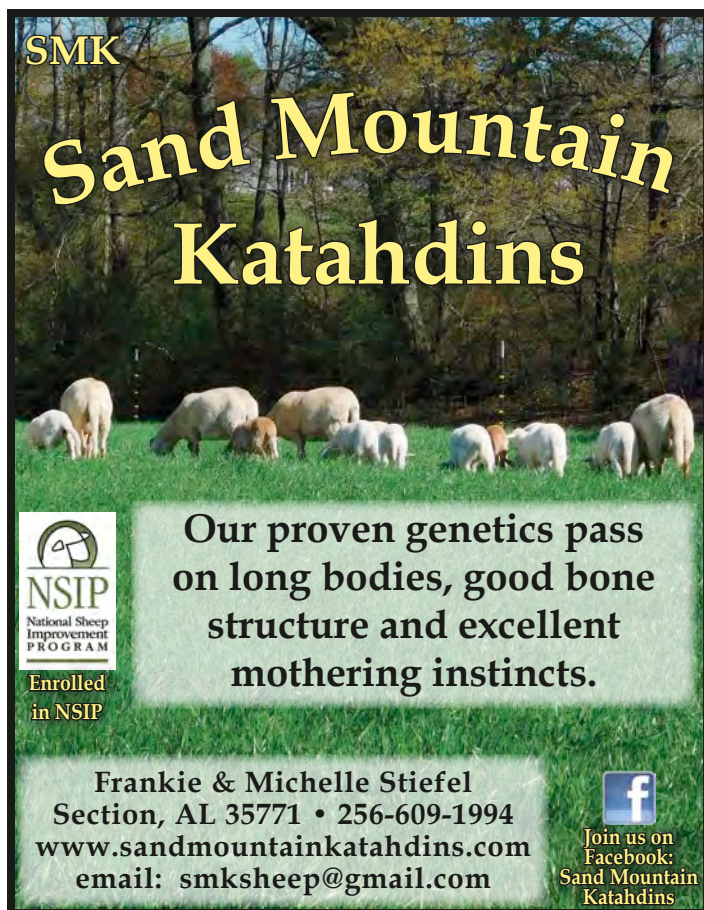
When bacteria enter the udder, a mastitis infection may occur. Good udder and teat conformation can help to reduce the risk of mastitis. One way to help prevent mastitis is to keep milking and living areas clean. Preventing respiratory disease in lambs and nursing kids can also help prevent mastitis and *Pasteurella hemolytica*, a bacteria that causes pneumonia in lambs and kids can cause mastitis. Also post dipping teats after milking can greatly reduce the risk of mastitis in milking does and ewes. Treatment of mastitis is generally done with the use of either injectable or intramammary antibiotics. *(Editors note: One option when out on pasture or in the barn and no ability to wash hands is to carry a small bottle of hand sanitizer in your pocket. After catching the ewe, clean hands immediately before touching udder. Don't clean and then catch her or touch her coat.)*

There are no antibiotics that are labeled for use in sheep or goats for the treatment of mastitis. Therefore, all treatment of mastitis for sheep and goats is

considered extra-label and must be done on the advice and under the supervision of a veterinarian. Extra-label is the use of any drug that is used for something that is not specifically listed on the label and is only permitted under the written orders of a veterinarian. Does and ewes with clinical mastitis can be very ill and often require other supportive care. The use of intramammary dry off treatment can help with treatment of mastitis during the dry period but must be done under the direction of a veterinarian as there are no dry treatment antibiotics labeled for sheep and goats. Michigan State University Extension reminds producers to follow drug withdrawal intervals to prevent contaminated meat and/or milk from entering the food chain.

Mastitis can cause decreased production in sheep and goats, with the majority of the mastitis being subclinical. All treatment of mastitis in small ruminants is extra-label, and therefore requires a veterinary client patient relationship. Clean housing and milking practices are key to the prevention of mastitis in small ruminants.

Editor's Note: This article was published in January 2019 online at the Michigan State University website: <https://www.canr.msu.edu/news/mastitis-in-sheep-and-goats>



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US Meat Animal Research Center Invites Sheep Producer Input at Event Held April 9-10, 2019

Jim Morgan, Arkansas

The full name for the research center is Roman L. Hruska U.S. Meat Animal Research Center (USMARC) and it is located in Clay Center, Nebraska. This is the largest livestock research station in the US and it is part of US Dept of Agriculture, Agricultural Research Service. USMARC invited sheep industry input and several with Katahdin connections were present.

USMARC recently hired a new Center Director, Dr Mark Boggess. Dr Boggess did his graduate work helping the National Sheep Improvement Program develop the initial adjustment factors to help produce Estimated Breeding Values (EBVs). The meetings held April 9-10 were called the Sheep Focus group and producers and industry folks from Montana, Wyoming, Colorado, Iowa, Kansas, Missouri, Arkansas, and Ohio, were present. Several participants from Minnesota and Wisconsin were invited but unable to attend. If all had attended, the Center would have had input from commercial and registered flocks, veterinarians, university sheep professors, representatives of major meat processing companies, American Sheep Industry association (ASI), National Sheep Improvement Program (NSIP). The participants were a diverse group with common interests in defining relevant USDA research needs for the sheep industry and helping with the adoption of relevant research.

Those of us who attended were very excited that USMARC is increasing their research investment in

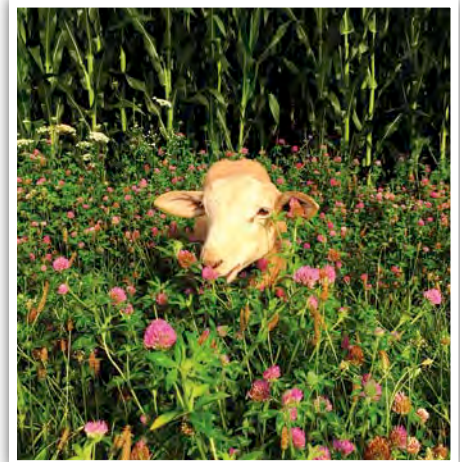
sheep. They recently hired a geneticist with primary responsibility for sheep research and this complements current researchers with ongoing sheep research projects. It was a very refreshing change from more recent years when USMARC appeared to be decreasing their emphasis on sheep.

In addition to the USMARC research projects with a focus on sheep, there are projects that incorporate the expertise of scientists involved in health and genetics of swine and beef. Having a large group of researchers in the same facility results in interesting collaborations that can have great benefit to US agriculture. Two days of meetings included presentations on current research and planned research for the future, especially research into sheep genomics.

Those attending with Katahdin connections included: Dr Joan Burke from USDA ARS Small Farm Research Center in Booneville, Arkansas who does research on Katahdins, Dr Ron Lewis of University of Nebraska Lincoln who is working on a grant with Joan Burke on genomics and parasite resistance in Katahdins, Lynn Fahrmeier of Missouri and Jim Morgan of Arkansas. There were more of us with Katahdin connections than any other breed, though that isn't why we were

invited. The Center was interested in getting input from those interested in helping evaluate research helpful to the commercial sheep industry.

USMARC's plan is to bring us all back to the Center again for more interactive sessions and discussions in the next year.



"Lost in the Clover Patch", 2018 KHSI Photo Contest, photo by Rebeka Evans, Ohio

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Working to Get a 4-H Katahdin Class at the Louisiana State Show

Donna Rico, Louisiana.

Let's start at the beginning: we didn't think it would be sheep, let alone Katahdins. We always knew our children would be involved in 4-H. It's definitely a path that's often traveled when being raised on a farm. I figured we would show poultry, rabbits and cattle. When the time came for 4-H (which was very fast I may add), we were not prepared to put a child in charge of working with a thousand-pound animal on a daily basis and in the show ring. So I left the decision to my husband as to what they were going to show for 4-H. After much research he decided -- Katahdin!

"Katahdin, that's a sheep? It looks like a goat!" Yes, I too had said the dreaded words "It looks like a goat." Well, our journey began, looking for registered Katahdins for show. Our first two ewes Lucy & Kiwi were the sweetest girls and the whole family fell in love with this breed. Small and docile, I had no worries about my children handling these animals.

Our first year of 4-H was the ice breaker year. We had no clue of what to expect. In Louisiana we have three 4-H livestock shows: Parish (or

County), District and State. During these shows we were placed under AOB (Any Other Breeds). We were compared to Hampshires, Suffolk, Southdown, and the occasional Dorper. All of them were in a breeding sheep category but none of them could be compared to a Katahdin. Some judges had never even judged Katahdins. We even had someone tell us to get out of the ring with the goats, that they were showing sheep, and goats had not been called yet. I wanted to change this. If Katahdins were ever going to be recognized, they needed to have their own class for these shows. That year there were around ten or twelve Katahdins shown at state, some by seniors that would not be there the next year. After talking to officials we were told our numbers needed to be over twenty head of Katahdins in order to have a chance of becoming our own class in the shows. We immediately started to recruit other children interested in showing sheep the following year.

We attended our first KHSI meeting in Greenfield, Indiana. Our family had always been cattle producers, but this meeting changed our outlook

about Katahdins on the farm. Not only did we want to show these animals but we wanted to become a producer. This meeting gave us the opportunity to see the quality of animals that were being produced throughout the country. We expanded our flock and began to help other children choose their show animals for the following year. That year our parish alone had 12 Katahdins that were shown. At state there were 20 that had been signed up to show. 20 was the magical number. During the summer everyone found out the news. Words cannot describe how grateful these kids were to finally have their own category at the shows.

We felt the 2019 show season was going to be a great one. More youth were showing Katahdins. Our parish show alone had 17 Katahdins in the ring. A total of 28 Katahdins were signed up for the state show. This was such an improvement for the breed. A few of the kids had even attended showmanship camps and were much improved with better knowledge of showmanship along with health and nutrition. All of these showmen

CONTINUED ON PAGE 13

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Sedalia 2018

STUD RAMS

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- "Doctor" (Jr Champion NAILE 2017)
- "Pistol" (1st in class NAILE 2015)
- "First Ever" (Champion NAILE 2012)
- TRB 1099 (Sister was Reserve Champion Sedalia 2018)
- "Everything" (1st in Class Sedalia 2018)

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Online Bidding Available for 2019 KHSI Expo

Jane Smith

KHSI Expo Sale Committee Chair

KHSI has hired Willoughby Auctions to provide the webcasting and online bidding platform for this year's National Katahdin Sale at the KHSI Expo on August 17th at 11:30 AM in Cookeville, TN. You will need to go to www.wlvestock.com and register prior to the sale.

To register online: Visit www.wlvestock.com. Once there you can either go to the top right and click the person/down arrow in the top right-hand corner OR in the menu bar on the left-hand side you can click the Login/Register button. This will bring you to the Log In/Register screen. If

you are a new user, please click the blue register button. Once there you will be prompted to fill out all the information boxes and to check mark that you agree to the terms and conditions. After this you will be asked to validate your phone number under "My Account". Other optional things include selecting your interests and selecting how you would like to be notified when you have been outbid. Lastly before your first bid you will need to add a valid credit card on file. Your card will not be charged unless authorized. This is just an added precaution to verify that you are who you say you are. If you have any difficulties feel free to call the Wil-

loughby office at 317-340-6392. Any additional information concerning the procedures for online bidding will be provided via Willoughby Sales.

Catalogs will be available via the Willoughby website at www.wlvestock.com or by going to the KHSI website at www.katahdins.org. Sale order will be posted on Friday, August 16. So plan ahead and be ready to bid. The KHSI Expo sale has breeding stock with a diversity of management systems and brings consignors from many states. It is a great way to view sheep and meet many of the leading Katahdin breeders. We look forward to another great Expo in Cookeville, TN.

WORKING TO GET A 4-H KATAHDIN CLASS AT THE LOUISIANA STATE SHOW, CONTINUED FROM PAGE 11

worked hard and did a wonderful job at showing off the Katahdins in their own category for the state level. My daughter even won Grand Champion Ram at all three shows with her COR ram lamb named Mark's Warrior. Another young showman that we recruited placed Grand Champion Ewe

at state with her PKF ewe lamb. I even overheard another sheep producer say "Those Katahdins are gaining numbers, they are going to be the next big thing." I for one surely hope so.

This breed has been a blessing to our family. Not only do we enjoy working with the animals but it has


given us the opportunity to meet people, and we have made new friends from across the country. Everyone has been very helpful and glad to share their knowledge. For our family there are so many reasons to love this breed that we will continue to produce and promote for many years and generations to come.

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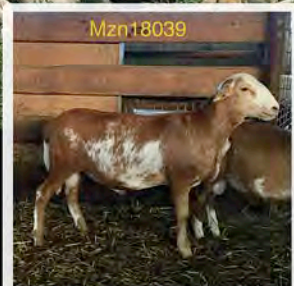
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Welcome Back to Cookeville

Robert Walker, Tennessee

Welcome back to Cookeville, TN for the 2019 Expo. It promises to be another huge success. This is KHSI's 3rd visit to Cookeville.

Cookeville is located on Interstate 40 which runs east-west through Tennessee. Cookeville is home of Tennessee Tech University and is in the Upper Cumberland region of Middle Tennessee. It is billed as the "Heart of the Highlands of Tennessee". Within 40 minutes are three lakes made by the Army Corp of Engineers. Depending on your direction of travel, you may pass near or through Nashville and the Grand Ole Opry, Memphis and its music tradition of Blues and Rock and Roll, or Great Smoky National Park. No matter which direction you are driving, you will pass by numerous excellent state parks and many Civil War Battlefields. 15 minutes from the cluster of motels, is Burgess Falls State Park, located on the Falling Water River, a day use park noted for its natural beauty and four waterfalls that cascade down from over 250 feet in elevation. The last of these falls is the most spectacular, plunging

more than 130 feet into the gorge. The area was originally populated by the Cherokee, Creek and Chickasaw tribes. Your choice of culture, history and nature awaits your interest. Likewise, 15 minutes from the Expo site is Cummins Falls. Cummins Falls State Park is an idyllic, but rugged, 211-acre day-use park located nine miles north of Cookeville on the Blackburn Fork State Scenic River on the Eastern Highland Rim. The area has been a scenic spot and swimming hole for local residents for more than 100 years. Cummins Falls is Tennessee's eighth largest waterfall in volume of water and is 75 feet high.

Cookeville has all the popular chain restaurants and some famous local ones like Ralph's Donuts, Lazy Cow Ice Cream and Cream City Ice Cream. If you know or have

met me, you can tell I highly recommend all of them!

The closest large airport is 70 miles to the west, on the east side of Nashville. Knoxville and Chattanooga Tennessee also have airports and are 100 and 110 miles respectively from Cookeville.

It is very important that you make your reservations as soon as possible and mention "Katahdin Sheep" or "Sheep Expo". Be sure to call each hotel directly for special rates--don't use their online website.

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HOW YOU CAN HELP US, HELP YOU!

Alan Culham, KHSI Operations Office

One of the important responsibilities of the KHSI office is to assist and answer questions posed to us by members. These vary greatly by subject, and while we may not always know the answer, we will direct you to someone who does. This process can be greatly accelerated by making sure you give us adequate information with your initial contact to allow us to answer your inquiry. Also the KHSI website has several features that will allow you to obtain your answer without having to contact the office. This can be extremely convenient to you and save you the time required to secure your answer from us.

Below I will provide tips on how to receive the answers to your questions in the most efficient manner.

CONTACTING OUR OFFICES

We recently obtained a new KHSI phone number: 717-335-8280

After dialing you will be asked to enter the number of the office you wish to contact:

1. Operations Office - Alan Culham
2. Education Office - Jim Morgan or Teresa Maurer
3. Registry Office

Each can also be contacted by email:

Operations Office - Alan Culham
info@katahdins.org

Education Office - Jim Morgan or Teresa Maurer
education@katahdins.org

Registry Office -
registry@katahdins.org

REGISTRY QUESTIONS

Most registry questions can be answered easiest by contacting the KHSI registry directly. We contract with the Associated Sheep Registry (ASR) to do our registry work. In addition to registering sheep they also handle transfers, duplicate papers, membership, re-christening, and re-classification. Contacting them directly can save you time.

Associated Registry (<http://www.associatedregistry.com/>)

420A Lincoln Street
PO Box 231
Wamego, Kansas 66547

Phone: 785-456-8500

Fax: 785-456-8599

registry@katahdins.org

Note that Registry office is open 8:30-4:30, Central Time, Monday-Friday (closed on holidays). West Coast customers should take this into account when calling/emailing, that they are two hours later than Pacific Time. Customers who contact the Registry office after hours or on weekends can expect a response the next working day.

The most common registry question, "What is my three letter flock prefix?" can be answered using the searchable KHSI database. <http://www.khsi.org/Members/Members-Lookup.asp>

BREEDING, MANAGEMENT & NUTRITION QUESTIONS

We will attempt to answer these questions to the best of our ability or we will direct you to a source that can. The most common barrier to us answering your question is lack of information. The result is us having to respond to you with a list of questions, not an answer.

An example is the following question: "How do I feed a Katahdin?" We cannot answer with only that amount of information.

What we require to assist you without having to contact you:

- Sex of animal
- Age of animal
- Approximate weight
- Stage of production (finishing for market, open, late pregnancy, lactating, etc.)
- Time of year
- Body condition score (1-5 with 1 extremely thin and 5 obese)
- Your location
- Feedstuffs available

Without the above information it will be hard for us to accurately assist you. If your flock is a southern flock that can graze year round contacting Jim Morgan will be your best help. Midwest flocks that are required to feed harvested and/or stored feeds can contact me.

In all cases the more information you can give us, the more we can help you! Don't forget to let us know how

you market your products; this can really help us in assisting you with your breeding/nutrition/management questions.

ANIMAL HEALTH QUESTIONS

We can assist you with basic or routine sheep health questions. As discussed above, the more information the better for both of us. It must be understood we will not diagnose diseases for you and prescribe treatment. That could be viewed as practicing veterinary medicine without a license and those regulations vary greatly from state to state. Everyone needs to develop a veterinary/client relationship for their flock.

BUYING OR SELLING KATAHDINS

While we are not presently a marketing agent, we do have some programs to help put buyers and sellers together.

- KHSI web page "Classified ads"
 - Free to paid members and free to individuals wanting to buy Katahdins. <https://www.katahdins.org/classified-ads/>
- KatPlus Katahdin Commercial Ewe Program - Links commercial sheep operations buying hair sheep ewes with producers of larger groups (50 or more) of quality commercial hair ewes sired by Registered Katahdin rams. <https://www.katahdins.org/katplus-ewe-katahdin-commercial-ewe-program/>
- Membership searchable database - <http://www.khsi.org/Members/MembersLookup.asp>
- NSIP searchable database - Find the Katahdins that meet your performance specifications. <https://www.katahdins.org/national-sheep-improvement-program-nsip/nsip-searchable-database/>
- "The Katahdin Hairald Magazine"
 - Published by KHSI. Members receive a copy in the mail quarterly and samples of the magazine are also distributed as promotional items. Includes display ads (paid) and classified ads. Past issues can be viewed at: <https://www.katahdins.org/magazine/>

Feel free to contact Jim or me with your Katahdin questions. We look forward to helping you in the development of your flock!

2019 KATAHDIN EXPO SALE CONSIGNMENT RULES

KHSI Expo Sale Committee

The plans for this year's 15th Annual Katahdin Expo Sale are underway and you are invited to consign. KHSI will be managing the sale this year, with Willoughby Sales handling the reception of entries, developing the catalog, webcasting and the clerking of the sale. You can reach them at www.wlvestock.com; look for Live Sales Tab, choose appropriate sale. Entries sheets may be accessed via their website or via www.katahdins.org. Look for the Expo 2019 tab.

This article contains the rules for consigning to the Expo. If you plan to consign, please read these rules carefully, they contain a great deal of information.

Sale Date: August 17, 2019

Location: Hyder-Burks Ag. Pavilion
Tennessee Tech, Cookeville, TN

Sheep may begin arriving:

Wednesday, August 15, 12 Noon

Sheep must be in place:

Thursday, August 16, 12 Noon

Sale: Saturday, August 17 - 11:30 am

Auctioneer: Steve George, Deshler, Ohio

Entry Deadline: July 15, 2019

Entries may be submitted and fees paid by checks payable to Willoughby Sales and mailed to Willoughby Sales, 20933 Mulebarn Rd, Sheridan, IN 46069. You may also email entries to Gail@wlvestock.com and pay electronically by following these steps: 1) Visit www.livestock.com 2) Choose General Payments on side of the website 3) Select payment method 4) Complete the Form 5) Put sale name in the notes.

Entry Fee: \$30 per head. All entry fees are due at the time entries are made and are nonrefundable. Substitutions are allowed, but the ram/ewe ratio still applies.

Entry forms: You will find entry forms at www.wlvestock.com, click on the Katahdin Expo Sale banner and go to entry forms go to www.katahdins.org. Click on 2019 Expo tab and go to the link. If you need the forms mailed to you, contact Alan at info@katahdins.org

Commission: 10% of the gross price to KHSI.

Sale Order: Rams followed by Ewes

When consigners check in they will each be given a scorecard to rank what they feel are the top 10 rams and the top 10 ewes. The Sale Committee will use these rankings to establish the starting sale order for rams and ewes. After the top 10 ranked rams sell, KHSI will sell the remaining rams based on birth date from oldest to youngest. i.e.: Rams 1-10 and then the oldest yearling through the youngest ram lamb. We will then repeat the same procedure with the ewes.

General sale order is: registered rams, registered ewes, pens of registered ewes, single percentage ewes, and then commercial pens of ewes

Classes:

Yearling Rams & Ewes (born 9/1/17 - 8/31/18) YR/YE

Fall Rams and Ewe Lambs (born 9/1/18 - 12/31/18) FRL/FEL

January Rams and Ewe Lambs (born 1/1/19 - 1/31/19) JRL/JEL

February Rams and Ewe Lambs (born 2/1/19 - 2/18/19) FRL/FEL

March Rams and Ewe Lambs (born 3/1/19 - 3/31/19) MRL/MEL

Rams and Ram Lambs must meet minimum scrotal measurements (see special rules)

Recorded Spring Ewe Lambs 87.5% or higher - RecSEL

Pens of Registered Ewes or Ewe Lambs - PenYE/PenFEL/PenSEL

Pens of Commercial Ewes or Ewe Lambs (no registration papers provided) - PenComYE/PenComEL

****Use the codes listed above when entering classes.****

Catalogs: Catalogs will be available for download at www.wlvestock.com. Printed copies will be available at the sale. Once sale order has been established, the online catalog will reflect that sale order.

SPECIAL SALE RULES

Ram/Ewe Ratio: There is no limit to the number of ewes entered, but there are restrictions on the rams. A single ram may be sold without a ewe, but to sell a second ram, or any number of additional rams, 2 ewes or a pen of 3 ewes must be consigned per additional ram consigned. Therefore, the ram/ewe ratio is 1 ram/0 ewes; 2 rams/2 ewes or 1 pen of ewes; 3 rams/4 ewes or 2 pens of ewes; 4 rams/6 ewes of 3 pens.

Minimum bid: There will be a minimum bid of \$250 on all registered sheep, unless current market lamb prices require a higher floor bid. Sheep failing to bring the minimum will be a "No Sale".

Weights: Optional: Birthweights, 60-day weights, rate of gain can be posted in the comments section of the entry or consigners can post additional information they want displayed at the consigners pens.

Requirements:

- 1) All ram lambs, including those under 6 mo. of age, are required to have a minimum scrotal circumference of 28 cm, and yearlings are required to have a minimum scrotal circumference of 32 cm.
- 2) A **negative** *Brucella Ovis* test is required for all rams over 6 months of age at the time of the sale. This must appear on the health paper or be confirmed by documentation from the testing facility.
- 3) **Health papers:** You must have a currently valid Certificate of Veterinary Inspection (CVI) for every animal you sell. You will need 2 copies for each animal in your consignment. Multiple animals may be listed on the same paper, but you still need to bring enough photocopies to have 2 for each animal. A Federal Scrapie Tag must be in each animal's ear.

The following information must be legibly written or typed on all Health Papers:

- a. Owner or consignor name and address
 - b. Species & purpose of movement
 - c. Private flock tag number
 - d. Federal Scrapie number (must include premise ID and individual tag number)
- Note: Both the private flock number and the scrapie tag number must be listed.
- e. Age, sex, and breed of each animal.
 - f. The following statement must be on the health paper and signed by the issuing veterinarian "Sheep in this shipment are

CONTINUED ON PAGE 18

SRS

Selling at Midwest!

EHJ 829
2018 Champion Ram
Northeast Junior Show
Shown by Rae Derosier

Winchester x EHJ 413



Full twin to
"CONFIRMED"
2018 Supreme Ram
Big E
Res. Champion Ram
2018 NAILE

Some of our Spring Lambs



SRS 407
Sired by Winchester



SRS 306
Sired by Velocity



SRS 302
Sired by Velocity



SRS 304
February Ewe Lambs sired by Winchester
Sold to the Weisend Family, OH
to be shown by Kali Chicwak



SRS 308
SRS



Member:
KHSI
NSIP
MSBA

Salmon Run Farms

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SalmonRunFarms@gmail.com

Leslie Raber

Sabattus, Maine
salmonrunfarms.com

Join us on
Facebook:
Salmon-Run-Farms



not known to be under movement restrictions due to scrapie"

g. Signature and printed name address, and phone number of the accredited veterinarian.

It is the consignor's responsibility to insure the information is complete and legible.

- 4) Sheep will be checked for soundness in mouths and obvious breeding unsoundness. If found to be unsound, they will not be allowed to sell. It is the breeder's responsibility to check for these problems **before** bringing the sheep to the sale. Evidence of horns being sawed off will be noted on sale order as horned.
- 5) Registered sheep cannot be tail docked and must not have C coats. Recorded 87.5% 2019-born ewe lambs may be entered if they are expected to be registerable upon yearling coat inspection. Animals will not be penned that have health problems, no KHSI flock ID, no scrapie tag, are inconsistent with their entry application, show signs of coat shearing or clipping, or are females that are within a month of lambing. Commercial ewes may be tail docked.
- 6) **DNA Testing:** All entries must be either QR or RR at codon 171. This will be posted on the sale order. All consignors (or representative) will be required at check-in to sign a DNA disclosure statement, and to bring a copy of documentation. This is KHSI policy.
- 7) **Registration papers:** All animals must have a valid, signed registration paper turned in at sale check in. Registration papers are transferred and forwarded to buyers. Cost of transfers will be deducted from consignor settlements.

SALE GUARANTEE

Except for those stated in the below guarantee, there are no warranties, either expressed or implied as to the merchantability or fitness from a particular purpose with respect to the animals being sold in this sale.

The warranties and guarantees set forth in the below guarantee are in lieu of all other warranties, either expressed or implied and the remedies

provided therein shall be the sole and exclusive remedy of the buyer, or any party claiming through the buyer, for any breach of warranty or guarantee therein provided, and all other obligations or liabilities.

1. Every male and female sold will be guaranteed as a breeder if properly handled. It shall be the responsibility of the buyer to return a non-breeder to the seller in acceptable breeding condition. The seller, after a fair trial and the animal is found to be a non-breeder, shall have the privilege of replacing the male or female with one of equal value to the satisfaction of the buyer and seller, or refunding the purchase price. This guarantee shall not apply to any animals that are shown subsequent to the date of the sale, for the year shown.
2. Notification of non-breeder males must be made to the seller prior to January 1st following the sale. Notification of non-breeder females must be made to the seller prior to April 1st following the sale.
3. Any animals that drop their lamb teeth prior to 12 months of age as determined by their registration papers, shall be replaced with an animal of equal quality to the satisfaction of the buyer and seller within a reasonable amount of time, or the consignor shall refund the purchase price of the animal promptly with all fees and percentages levied against such animal retained by the sale. It shall be the responsibility of the buyer to notify the consignor, and they the sale manager, if such a problem occurs. Any consignor failing to comply with this rule shall automatically be barred from consigning any animals to the following sale.
4. Neither the sale managers nor the sponsoring organization can or will assume any responsibility as to the authenticity of the pedigrees, or bloodline information in the sale catalog, on pen cards, or otherwise, and the subsequent genetic performance of any animals purchased. All such information must be adopted at face value. Any special guarantees or claims offered by individual consignors is

strictly between the consignor and buyer and will not be enforced by the sale management or sponsoring organization.

5. This guarantee shall constitute a contract between the buyer and the seller only, and no other parties assume any liability, legal or otherwise, expressed or implied.

Handling: All sale animals will be handled humanely and with respect. If the KHSI Expo Sale committee determines that consignors have abused or not handled their sheep with respect, they will not be allowed to consign animals in the next KHSI Expo Sale. Animals will be exhibited by age, sex and class in an arena the morning of the sale so that potential buyers can evaluate them side by side. They may be led by hand or by halter, but all animals must be well controlled.

Preparing animals for exhibit and sale should include washing them at home and hoof trimming. No alterations, clipping or shearing are allowed. Consignors are expected to be available to talk about animals at their pens as much as possible.

Online Posting of Pictures: This sale will provide webcast services that allow the internet buyer, who is unable to attend the sale, to participate during the bidding process in live time. This has broadened our buyer base and has increased our consignors' exposure throughout the country. With our new auction platform, you will have consignor administrative rights. With this you can load your pictures and information for the lots you are entering in the sale or update information or pictures as you wish. As always, we are happy to load all auction information into the sale site. If you would like for us to do this for you, please send information such as breeding, past sibling successes, and pictures for each animal so we can catalog them for you. This allows potential buyers to see the offering prior to the August 17th sale. Please email all information and descriptions in a word or excel document (pictures should be emailed in separate jpg files) to: justin@wlivestock.com. Please identify each animal with one of your assigned lot numbers.

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Third Rocky Mountain Katahdin Association Meeting June 6, 2019

Babette Fief, Colorado

The 2019 Rocky Mountain Katahdin Association (RMKA) will meet at 10 a.m. Thursday, June 6th in the conference room of La Quinta Inn, 3709 E. Mulberry Street in Ft Collins, Colorado. We are pleased to have Dr Joan Burke of USDA-ARS, Booneville, Arkansas in attendance. Dr Burke will be doing a morning and afternoon presentation, followed by the annual business meeting. The US Department

of Agriculture, Agricultural Research Station in Booneville has owned Katahdins for over 15 years and been working and doing research on them since then. She has received many grants and has published several research papers on Katahdins. Currently, she is working on improving our ability to identify superior production genetics using DNA tests.

Dr Burke's talks will include a practical approach to selection. "Us-

ing selection criteria to improve your flock". Dr Burke will also present "Making out-of-season breeding/lambing work".

Contact Babette Fief to let her know you are attending. (719) 384-4000 or babfief@yahoo.com

The RMKA meeting in 2020 will be in Dubois Idaho, where the USDA Sheep Experiment Station is located. We will keep you posted on the date.

2019 KATAHDIN EXPO SALE CONSIGNMENT RULES, CONTINUED FROM PAGE 18

NON-PAYMENT OF FUNDS:

Buyers that do not pay for their purchases will lose their membership rights with KHSI until that payment has been received and cleared.

Catalogs: Catalogs will be available for download at www.wlivestock.com. Printed copies will be available at the sale. Once sale order has been established, the online catalog will reflect that sale order.

Transfer Sheep: Sheep previously sold and being delivered for pick up at the Expo may be housed on the grounds for \$10 per head per day to cover barn rental fee. All sheep in the transfer barn must have interstate health papers to the final destination, even if those sheep are from the same state as the Expo is held. Selling of sheep out of the transfer barn is not allowed, nor is advertising. This space

is only offered as convenience for our membership for sheep already sold or leased prior to coming to this event. Individuals selling sheep out of the transfer pens will have membership revoked for one year and not be allowed Registry services for that year. Contact KHSI Operations prior to the Expo to arrange barn space. info@katahdins.org or 717-335-8280.

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"Titan" SHU 3735

Champion Ram at the 2017 Midwest Stud Ram Sale

Sire to our consignment of 2 yearling rams & 2 yearling ewes to the Midwest show & sale in June.

We would like to take this opportunity to thank all our buyers from over the years, as we are retiring from the registered seed stock business.



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Midwest Stud Ram Sale
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Learn More About KHSI Expo Keynote Speaker Temple Grandin

Teresa Maurer, KHSI Education Office

Dr. Temple Grandin will speak on Friday August 16 at the 2019 KHSI Expo in Cookeville, Tennessee. We thought you'd like to know more about the unique background and experience that she brings to developing practical methods for humane handling of livestock.

She is an unusual figure in the world of agriculture - a professor of Animal Science at Colorado State University but world famous due to a Hollywood movie that documented her struggle with autism and its impact on her relationship with animals. Born in 1947, Grandin was diagnosed with autism at the age of 2, but carefully educated. She became interested in animals when she attended a boarding school in New England that had a dairy, and at 15 she began spending time on her aunt's ranch in Arizona. Her primarily visual way of thinking gave her a special ability to observe

animals and what behaviors bothered them.



Dr Temple Grandin, photo courtesy of Tacoma Public Schools

Dr. Grandin is a designer of livestock handling facilities and a Professor of Animal Science at Colorado State University. Facilities she has designed are located in the United States,

Canada, Europe, Mexico, Australia, New Zealand, and other countries. In North America, almost half of the cattle are handled in a center track restrainer system that she designed for meat plants. Curved chute and race systems she has designed for cattle are used worldwide and her writings on the flight zone and other principles of grazing animal behavior have helped many people to reduce stress on their animals during handling.

Recently she worked with the American Sheep Industry Association, the Livestock Marketing Association and Colorado State University to produce a series of online videos that details the process of handling sheep from the farm and ranch through to the processing plant. The videos are accessible on ASI's website at www.sheepusa.org/NewsMedia_Video.

CONTINUED ON PAGE 21



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Grandin explains in the videos that calm handling is not only the most humane approach, it also creates safer workplaces and better quality meat. Humane handling keeps stress down, and keeps weight on the animals.

She has also developed an objective scoring system for assessing handling of cattle and pigs at meat plants. This scoring system is being used by many large corporations to improve animal welfare. Other areas of research are: cattle temperament, environmental enrichment for pigs, reducing dark cutters and bruises, bull fertility, training procedures, and effective stunning methods for cattle and pigs at meat plants.

She obtained her B.A. at Franklin Pierce College and her M.S. in Animal Science at Arizona State University. Dr. Grandin received her PhD in Animal Science from the University of Illinois in 1989. Today she teaches courses on livestock behavior and facility design at Colorado State University and consults with the livestock

industry on facility design, livestock handling, and animal welfare.

She has appeared on television shows such as 20/20, 48 Hours, CNN Larry King Live, PrimeTime Live, 60 Minutes, the Today Show, and many shows in other countries. She has been featured in People Magazine, the New York Times, Forbes, U.S. News and World Report, Time Magazine, the New York Times Book Review, and Discover magazine. In 2010, Time Magazine named her one of the 100 most influential people. Interviews with Dr. Grandin have been broadcast on National Public Radio and she has a 2010 TED Lecture titled "The World Needs ALL Kinds of Minds." She has also authored over 400 articles in both scientific journals and livestock periodicals on animal handling, welfare, and facility design.

She is the author of "Thinking in Pictures", "Livestock Handling and Transport," "Genetics and the Behavior of Domestic Animals," "Guide to Working with Farm Animals," and

"Humane Livestock Handling." Her books "Animals in Translation" and "Animals Make Us Human" were both on the New York Times best seller list. "Animals Make Us Human" was also on the Canadian best seller list. Her latest book, "Calling All Minds: How to Think and Create Like An Inventor", was a New York Times best seller for middle school students. Her life story has also been made into an HBO movie titled "Temple Grandin" starring Claire Danes, which won seven Emmy awards and a Golden Globe. The movie shows her life as a teenager and how she started her career. In 2017, she was inducted into The Women's Hall of Fame and in 2018 made a fellow by the American Association for the Advancement of Science.

Editor's Note: material for this article was based on ASI (American Sheep Industry) publications and Dr. Grandin's website <https://www.grandin.com/> -- which contains much more information about her work.

SHEPHERD RESOURCES - More Tools from the National Center for Appropriate Technology The ATTRA Project

Over the years, the Katahdin Hairald has published many links to the resources produced by this program. They have three Livestock Specialists that work primarily with publications for sheep and goats. These specialists are Linda Coffey, Margo Hale, and Dave Scott who are also members of the American Consortium for Small Ruminant Parasite Control.

The following link https://attra.ncat.org/livestock/#sheep_goat has over 30 publications for sustainable management of sheep and goats.

The following link: <https://attra.ncat.org/pasture-rangeland-and-grazing-management/> has over 30 publications for better utilization and management of your pastures and forage.

Dave Scott is now one of the administrators for a Facebook group called [Beat the Barber Pole Worm](#). To find the group, search Facebook for this title and you will find information about joining.

In February, Linda conducted a three-part webinar series called Managing Internal Parasites in Sheep and Goats in partnership with [Food Animal Concerns Trust](#) (FACT). You can watch the recorded webinars on our YouTube channel at <https://www.youtube.com/playlist?list=PLDuoElBiEygxRV-JEKAGnYIfgLeQqD6IX>

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Katahdin Keys: Deadlines, Dates and

Important Dates

June 20, 2019 KHSI Board of Director's Nominations and Statements due. info@katahdins.org or 717-335-8280 ext 1, for more information.

****August 15-17, 2019** Annual KHSI Expo: Membership Meeting (Aug 16), National Katahdin Sale and International Katahdin Congress Hyder-Burks Ag Pavilion, Cookeville, TN. www.katahdins.org Check out the Expo Tab at the website for regular updates.

****Youth Calendar.** Listed on page 29 as part of the Focus on Ewe-th.

**** Hairald Publication Dates** Hairald Publication Dates & Advertising Deadlines - page 2

** - Article with more information in this issue of Katahdin Hairald

KHSI posts information on sheep sales and event information does not imply endorsement or claims of any sale or event. KHSI encourages the use of sales and production data as the primary means of information. Sales and events posted are not sanctioned by KHSI.

Contact the KHSI Education Office to ask for your copy. 717-335-8280 ext 2 or education@katahdins.org.

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

Educational Events Calendar

****June 6, 2019. Rocky Mountain Katahdin Association Annual Meeting.** La Quinta Inn, Ft Collins Colorado. Babette Fief for information, 719-384-4000 or babfief@yahoo.com pg 19.

****June 7-8, 2019. South Central Katahdin Association (SCKA) Annual Meeting & Sale.** Silver Creek Equestrian Club, Vicksburg, MS. www.hair-sheep.com. Darrell Adams adosheep.1@gmail.com 337-515-4342 or Clifford Spraberry 469-576-7620 or cspraberry@yahoo.com pg 24

****June 26, 2019. Midwest Stud Ram Sale.** Missouri State Fairgrounds, Sedalia, MO. Educational session for Katahdin breeders at 3 pm. www.katahdins.org or info@katahdins.org or 717-335-8250 ext 1. Pg 25.

****July 4-7, 2019. All American Junior Sheep Show.** Hutchinson, KS Fairgrounds. <https://allamericanjuniorshow.com/> or call 401-647-4676 pg 29

****August 15-17, 2019. 15th Annual Katahdin Expo, KatahdinNational/Expo Sale & 2nd International Katahdin Congress.** Hyder Burks Ag Pavilion, Tennessee Tech, Cookeville, TN, www.katahdins.org Pg 22, 42, back cover.

September 20, 2019. Virginia Tech/SWAREC Field Day & Ram Sale. SWAREC Research Station. Glade Springs, VA. Lee Wright lrte@vt.edu, 276-944-2200 or Dr Scott Greiner sgreiner@vt.edu, 540-231-9159 www.apsc.vt.edu/extensionandoutreach/Sheep-Extension/sheep-programs/swarec-ram-test.html

** - Article with more information in this issue of Katahdin Hairald

Katahdin Co

****July 15, 2019. 15th Annual** Burks Ag Pavilion, Tennessee and links to consignment regulations also on

August 15, 2019. Northeast MA. www.thebigc.com

September 13, 2019. Midwest information. 812 216-71

September 30, 2019. National Katahdin Junior Show a has been Sept 30th for n [tion.html](http://www.katahdins.org). Exact show o sheep shows are Nov 15

** - Article

See Table of Contents (page 1)

Notes

ents as a service. Posting sale
sement or verification of the
he use of performance records
f selecting and ranking sheep.
KHSI unless otherwise noted.
our sale or event to be posted.
org
ge and the calendar page of

Katahdin Sale Roundup

- **June 7-8, 2019. South Central Katahdin Association (SCKA) Annual Meeting & Sale.** Silver Creek Equestrian Club, Vicksburg, MS. www.hair-sheep.com/ Darrell Adams adosheep.1@gmail.com 337-515-4342 or Clifford Spraberry 469-576-7620 or cspraberry@yahoo.com pg 24.
- **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. Online bidding available. Pg 25.
- **July 27, 2019. 14th Annual Center of the Nation NSIP Sale.** Spencer, IA. Clay Country Fairgrounds. <http://nsip.org/home/events/center-of-the-nation-nsip-sale/> or Rusty Burgett 515-708-8850. Pg 25.
- **August 10, 2019. 3rd Annual Eastern NSIP Sale,** Wooster, Ohio. Wayne County Fairgrounds. <http://nsip.org/home/events/eastern-nsip-sale/> or Rusty Burgett 515-708-8850. Pg 25.
- **August 17, 2019. 15th Annual Katahdin National/Expo Sale.** Hyder-Burks Ag Pavilion, Tennessee Tech, Cookeville, TN pg 13, 16.
- September 20, 2019. Virginia Tech/SWAREC Field Day & Ram Sale.** SWAREC Research Station. Glade Springs, VA. Lee Wright lrite@vt.edu, 276-944-2200 or Dr Scott Greiner sgreiner@vt.edu, 540-231-9159 www.apsc.vt.edu/extensionandoutreach/Sheep-Extension/sheep-programs/swarec-ram-test.html
- October 5, 2019. Midwest Hair Sheep Sale.** Salem IN. Dave Embree for more information. 812 216-7151 embreefarmskatahdins@gmail.com

** - Article with more information in this issue of Katahdin Hairald

Consignment Reminders 2019

al Katahdin Expo/National Katahdin Sale. At Hyder-
essee Tech, Cookeville, TN. Consignment regulations
t form at www.katahdins.org/expo-2018/ Consign-
n pg 16.

st Regional Katahdin Shows at the Big E. Springfield,
[/p/competitions/473](http://www.bigehome.com/p/competitions/473)

rest Hair Sheep Sale. Salem IN. Dave Embree for more
151 embreefarmskatahdins@gmail.com

**al Katahdin Open Show & Kennedy Family National
t NAILE.** Louisville, KY Entry date not posted yet, but
many years. www.livestockexpo.org/entryInforma-
dates for Katahdins are also not posted yet. Junior
5-17 and Open sheep shows are Nov 18-21.

with more information in this issue of Katahdin Hairald

for articles on Coming Events

"Coming Home", 2018 Photo Contest,
Roxanne Newton, GA

Join SCKA at Meeting and Sale in Vicksburg Mississippi

Darrell Adams, SCKA President

The 2019 South Central Katahdin Association (SCKA) Private Treaty Sale and Meeting will be held June 7th and 8th at the Silver Creek Equestrian Club in Vicksburg, Mississippi. It will be hosted by the Board of Directors and Elected Officers. The speakers this year will include: Kathy Kieffer, Clifford Spraberry and Dr. Kenneth McMillan. Kathy is our Promotions Director, and will be going over our website as well as how SCKA can help with your promotional needs. Clifford Spraberry's talk will lead into a roundtable discussion. Finally, Dr. Kenneth McMillan of Louisiana State University's Animal Science Department, will speak on purchasing the overall complete animal.

Everyone is welcome to come and enjoy the presentation and meal. The fun will begin around 5:30 pm on Friday June 7 with a Dutch treat supper at the Beechwood Restaurant at Exit 5B. On Saturday the 8th, we will gather at the Riding Club beginning at 8:00 am for coffee and doughnuts.

After lunch, we will have a member's meeting; therefore, plan to attend and have a great day.

If you plan to bring sheep for the private treaty sale, health papers ARE REQUIRED. If you have pens, please bring them as it would be greatly appreciated. You may start unloading sheep Friday at noon. Also, please remember to bring your lawn chairs!

Please RSVP to any SCKA board member if you are planning to attend and notify Clifford Spraberry or Darrell Adams if you plan to bring sheep. They will provide you information about rules for the sale. We look forward to seeing you in June.

DIRECTIONS AND TRAVEL

ACCOMODATIONS

Take I-20 East or West to Exit 11 (Bovina) and follow signs. We will be putting up signs on Friday morning. Silver Creek Riding Club will be on the right side of the road. *Caution: GPS will lead you past the center*. There is a big sign over the driveway and a wooden fence along the road. There are also four camper spaces at

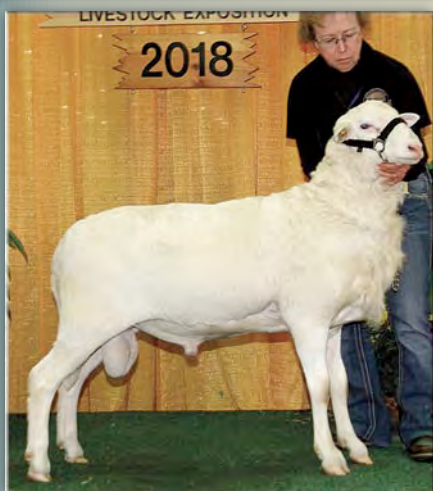
the facility. There are lots of hotels in Vicksburg. You can go to trivago.com or bookings.com to reserve a room at a good rate. Be sure to book early and we will see you there.

Contact Info: Darrell Adams - adosheep.1@gmail.com or 337-515-4342 or Clifford Spraberry - 469-576-7620 or cspraberry@yahoo.com

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

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

Note the new Registry street address — required for overnight packages (See pg. 43 Member's Guide).



This triplet March ram lamb is out of the 2017 NAILE Champion Ewe. His adjusted 60 day wt is 68 lbs. He sells at the Expo.



This ram is Random Draw that we purchased at the Midwest Sale with Riviera Farm. His lambs will be consigned to the sales this summer

We can deliver to the South Central Katahdin meeting in June in Mississippi, or the Midwest Sale in Sedalia. We can also deliver to the Expo in Cookeville. Feel free to call for more information!

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



Upcoming Educational Events & Sales with Katahdin Sheep in NSIP

The National Sheep Improvement Program (NSIP) provides breeders with Estimated Breeding Values (EBVs) for several traits of interest to the commercial meat industry. EBVs allow the breeder and buyer to compare an animal to the breed average and to the top of the breed for several traits including number born, number weaned, weaning weight, post weaning gain, parasite resistance and milk production.

This year there are several sales with Katahdins that have sheep with EBVs from NSIP. These include two sales sponsored by the National Sheep Improvement Program. You can track the schedule and the catalog by looking at the "Events" page on the NSIP website, www.nsip.org.

The 2019 Center of the Nation Sale Sheep will be held for the 14th year on July 27th in Spencer, Iowa at the Clay County Fairgrounds. Sheep will be available for viewing starting at 6:00 p.m. on Friday July 28. Barns open on Saturday at 8:00 a.m. and the sale will start promptly at 1:00 p.m. Arrive by early on Saturday morning so that you have time to look at the sale sheep, attend the educational sessions and have time to partake of the lamb lunch.

NSIP is proud to announce that the third annual Eastern NSIP Sale will be hosted on August 10, 2019 at 1:00 p.m.

at the Wayne County Fairgrounds in Wooster, OH. This sale was born out of demand for genetics for increased productivity in the Eastern U.S. Consignments dates and catalogs for these sales can be viewed at www.nsip.org.

Besides the two NSIP sponsored sales, there are two other organized sales that have significant numbers of Katahdins that have EBVs. You can read about the 15th Annual 2019 Katahdin National Expo Sale on August 17th in Cookeville, Tennessee on pages 13 & 16 of this issue. In recent years the sale has totaled at least 100 head of which 20-40 head have EBVs. Educational workshops will be held on August 15-16. On the evening of August 15th the Expo will feature workshops on NSIP and EBVs.

The 8th Annual Virginia Tech SW AREC Forage Based Ram Test Sale has over 100 Katahdin ram lambs on test and the top 40 head go through the sale ring on September 20. About half the rams in the test have EBVs as well as performance values from the test to help buyers identify the ram they cannot go home without. The ram test and sale are held at the SW AREC facility at Glade Spring, Virginia. Links, phone numbers and emails for the sale are in the Sale Roundup calendar on page 23 of this issue. Before the sale there are several brief educational presentations for the buyers and consignors.

Midwest Stud Ram Sale & Show June 25 & 27 Show, Educational Event, Social & A Big Sale

The biggest Katahdin sale in recent years has been the Midwest Stud Ram Sale in Sedalia, Missouri that takes place the last full week of June. This year the Katahdin show starts at 8 AM on Tuesday, June 25th.

KHSI is offering an education program on Wednesday afternoon scheduled to start at 3PM at the Dr Taylor Randall Woods Reception Hall. The program will feature a panel of three producers who direct market lamb. Samantha Craig of Michigan will talk about their CSA (Community Supported Agriculture). Jake Reister lives in Washington state and direct markets 140 lambs per week to restaurants and markets. The panel will finish with Jane Smith talking about their direct marketing of light lambs in Indiana. The direct marketing presentations will be followed by Alan Culham speaking about NSIP (National Sheep Improvement Program). Wednesday evening includes a barbecue, where the overall Supreme Champion Ram and Ewe of all breeds are selected. Then it is back to the Katahdin pens where KHSI will sponsor an ice cream social.

The Sale is first thing Thursday, June 27th at 8 AM. Don't worry, we will have coffee, donuts, bagels for those that miss breakfast or need a little extra for the sale day. New this year, is that the Online catalog can post links to pictures and videos of consigned sheep. So, buyers can do their homework before showing up for the sale. Also, those who bid online can check the pictures. www.midwestsale.com

Send all Operations mail to PO Box 739,
Fowlersville, MI 48836.
Don't send to Fayetteville, AR



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

Grand Champion at Big-O
2nd Place 2018 NAILE
Senior Stud Ram
purchased from Riviera



We will be introducing a few special lambs sired by Twister.
They will be at the 2019 Midwest Stud Ram Sale and the KHSI Expo.



Sturdy Post Ranch, SD
purchased this ewe in 2018 at
Midwest Stud Ram Sale
later named **Champion Ewe** at
Clay County Fair



Bryan's Bay, VA
purchased this ewe at KHSI Expo 2018



Kiefer Sheep Farm, MO
Chad and Elizabeth Kiefer
purchased this ewe at 2018
Midwest Stud Ram Sale.
Went on to become **Champion
Ewe** at **SEMO District Fair**

All rams RR

**Watch for this quality of
Katahdins at the Midwest
Stud Ram Sale, KHSI Expo,
and Washington County
Sale (Indiana)**



John, Judy & Scott Dyer
jdkatahdins@Reagan.com

Watch for our
show flock at: Indiana State Fair
Kentucky State Fair
Tennessee Valley Fair
N.A.I.L.E.

Reminder: Virtual Katahdin Hair Coat Inspections Can Be Done Online

Jim Morgan, KHSI Education Office

Are you thinking about grading up from commercial Katahdins to registered Katahdins? Over the years, many flocks have used registered Katahdin rams on commercial ewes and recorded the offspring. Other flocks have started with another breed. We will not get into the details of grading up in this article, but you can reference several documents about the process of grading up percentage sheep. For example, see page 6 in the special issue of the Hairald called **Guide to Katahdin Hair Sheep**, that all members should have. The Guide is also on the website under the Magazine tab (www.katahdins.org). You can also look at the Hair Coat Inspection Form at the website in the Membership tab under Forms and Documents.

The final step of grading up from "Recorded" 87.5% or greater percentage Katahdin to 100% or fully registered is a hair coat inspection followed by submission to the KHSI

Registry for reclassification. The goal of the inspection is to document that complete shedding or almost complete shedding occurs. In the past, this was only done by KHSI certified coat inspectors in person.

This article is a reminder that a "virtual" process is available and doesn't require inspectors traveling many miles to inspect shedding. It involves taking a video and uploading to the internet on a YouTube site. Many cell phones and cameras now have the capacity to do videos, so either you or a family member or the neighbor youth may already have the equipment and the skills. In fact, many of the youth could probably take the video and upload it in a few minutes. However, if you don't watch out, your helpful youth will capture the sheep knocking you over and upload that as well.

In the past few years, after several virtual inspections, committee members Roxanne Newton, Maria

Dosch, Michelle Canfield and KHSI Education Manager Jim Morgan fine-tuned a document with instructions on taking the video. Contact Jim at the KHSI Education Office for a copy of the instructions at 717-335-8280 ext 2 or education@katahdins.org. The KHSI Education Office first verifies that the sheep qualify for hair coat inspection. After the video is uploaded, the committee grades the sheep coat as an A, B or C.

If you have questions about which sheep can be inspected and have the option of grading up, you need to carefully read the documents suggested in the first paragraph above. The most important requirements for the Katahdin sheep to be inspected include:

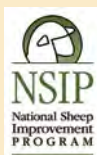
- must be recorded as 87.5% or greater with the KHSI Registry
- must be 1 year of age or older

CONTINUED ON PAGE 28



Samuel Fahrmeier clipping a patch of hair so we can ultrasound measure the true muscle thickness of our lambs.

NSIP can calculate an EBV for Loineye Muscle Thickness.



Measured Performance Proven Genetics

Fahrmeier Katahdins

At Fahrmeier Katahdins we combine visual appraisal with the power of multigenerational EBVs to select the best replacement lambs for our flock. Why use only one selection method when you could be using both?



Lynn & Donna Fahrmeier
13305 Flournoy School Road
Wellington, MO 64097
816-517-5049 • lfahrmeier@msn.com

Focus on Ewe-th: Benjamin Markham

My name is Benjamin Markham from Coeburn, Virginia. I am 8 years old. My family and I raise registered Katahdin hair sheep. I started showing sheep at the local fairs in 2017. In the short time that I have been showing sheep I have met many wonderful and helpful people. Everyone is always willing to help and teach you how to do things correctly. It is a lot of fun and I have learned so much about sheep since I started. Before I started showing, I just thought all sheep were the same.

The first thing that I learned was to look for the correct conformation in the lambs. I look for a straight back, good feet/hooves, butt muscles, and a nice wide chest. After picking the lambs I want to show is when the hard work begins. Exercise and proper feeding help to keep my lambs healthy. Halter training is probably the most work, but it helps me to control the sheep a lot easier. This is important because I have to walk, brush, and wash the sheep many times to be ready for the shows.



Show time! All of the hard work and dedication shows in the ring when I compete against other kids. The judge will make comments and give me suggestions and they help me to do better in the next show. I always listen to the judge and I learn something new at every fair. Banners and colorful ribbons are given out as rewards for all the hard work. Some-

times I win and sometimes I don't, but I think the most important things are new friendships that I make and the quality time spent with my family and animals.

VIRTUAL HAIR COAT INSPECTIONS CAN BE DONE ONLINE, CONTINUED FROM PAGE 27

—must be inspected with an A coat (completely shed) or B coat (almost completely shed) between May 1st and September 30th. You need to wait until the sheep is shed out.

Rams being graded up to 100% have the additional requirement of having their dam inspected with an A coat. A commercial Katahdin without papers and without a documented pedigree cannot be inspected and turned into a Registered Katahdin. Contact Jim at the KHSI Education Office, before starting the process if you have questions at 717-335-8280 ext 2 or education@katahdins.org.



**Smohalla Acres
RHO Katahdins**

Summer is here! The grass is green and the sun is shining. Stop on by the farm to check out our selection of 2019 lambs. They have excellent conformation and are growing fast!



*Visitors are
always welcome!*

Tim Rhodes

32668 Coffee School Rd., Salem, OH

614-937-9773

SmohallaAcres@yahoo.com

**Find us on
Facebook!!!**



Focus on Ewe-ith: Leroy Boyd Show June 24, 2019 Sedalia, MO

The Leroy Boyd Katahdin Junior Show takes place during the week long Midwest Stud Ram Sale in Sedalia, Missouri at the Missouri State Fairgrounds. The Leroy Boyd Katahdin Junior Show starts off the whole week of events.

On Sunday evening, June 23, before the show on Monday there will be educational and fun activities as well as a pizza party. This is open to all youth, even those who are not showing on Monday.

Show starts at 9:09 AM and is

judged by Trent Nichols. T-shirts are provided by South Central Katahdin Association for all youth. It is a great time for all. www.midwestsale.com Also contact Henry & Becky Shultz beckyshultz@msn.com or (573) 682-7127

Focus on Ewe-ith: All American Junior Show — July 4-7th, 2019 Hutchinson, KS

The barns open on July 2nd and all sheep must be in place by noon on July 4th. Go to the website and check all the activities associated with the several day event. Activities include,

skill-a-thon, showmanship, team showmanship, 3 on 3 basketball, ice cream social, judging contests and the list keeps on going. Katahdins show on July 6th. Contact (401) 647-4676 or

allamericanjuniorshow@gmail.com or <https://allamericanjuniorshow.com/>

Support our Youth!

Katahdin Youth Calendar

May 30 – June 1. Midwest Junior Preview Show. Sedalia MO. Missouri State Fairgrounds. All sheep need to be in place by May 31 at 8 PM. Show on June 1. Can register after April 1 at website or by phone at 636-295-6015. www.midwestjuniorpreviewshow.com/

June 24, 2019. Leroy Boyd Memorial Youth Show. 9 AM. Sedalia MO. Missouri State Fairgrounds. www.midwestsale.com. Also contact Henry & Becky Shultz beckyshultz@msn.com or 573-682-7127.

July 4-7, 2019. All American Junior Show. Kansas State Fairgrounds, Hutchinson, KS. Barn opens July 2. Check-in starts July 3. Sheep must be in place by Noon, July 4th. Activities start on July 4th. Katahdins show on July 6th. Contact, 401-647-4676 or allamericanjuniorshow@gmail.com or <https://allamericanjuniorshow.com/>

August 16, 2019. 15th Annual KHSI Expo Youth Program. 3 hour session. For more information contact Becky Shultz, beckyshultz@msn.com or 573-239-7553.

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Katahdin Sheep Sale Aug. 1, 2019

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Mature rams and ewes, and fall and winter born ram and ewe lambs. Rams will pass BSE.

Catalog available in July
<https://www.ars.usda.gov/southeast-area/booneville-ar/dale-bumpers-small-farms-research-center/>

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Dale Bumpers Small
Farms Research Center
6883 S State Hwy 23,
Booneville, AR

Erin Wood 479-849-5610
Joan Burke 479-675-3834 ext. 325 or
joan.burke@ars.usda.gov



Katahdins & Katahdin Breeder's in the News

The lead in to a spot on a TV news program near San Antonio, Texas said "Solar farm hires 200 sheep as landscapers." The sheep belonged to KHSI member, Ely & Betty Valdez. It is a good story with good shots of the sheep, the guardian animals and Ely. The reporters on camera point to and talk about the sheep being able to do a better job of mowing under the panels than mechanical equipment.
<https://www.kens5.com/article/news/local/solar-energy-farm-hires-200-sheep-as-landscapers/273-412c37b2-4386-4109-bd76-c609b4378951>

Want to Run for the KHSI Board of Directors or Work on a Committee?

KHSI encourages members to participate in association activities. The KHSI Board and Committees are an important part of the process of keeping Katahdins a driving force in the US, Canadian and Mexican sheep industries as well as the world.

To run for the Board of Directors a person needs to be a member for two years, be in good standing. KHSI Operations (Fowlerville, MI - info@katahdins.org) needs to have the candidate statement in hand by June 20, 2019 to make sure that the ballot can be printed and mailed to membership in plenty of time before the Expo.

Did you forget to donate to KHSI Youth?

Send donations for
Youth Scholarships or
Premiums to
KHSI Operations,
P. O. Box 739
Fowlerville, MI 48836

Can write donations off as
Farm/Ranch Expense

Contact Alan in the KHSI Operations office at 717-335-8280 ext 1 or info@katahdins.org

Contact Jim & Teresa in the KHSI Education office at 717-335-8280 ext 2 or education@katahdins.org

Contact Jeff & KHSI Registry staff at 717-335-8280 ext 3 or registry@katahdins.org

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Balanced selection for

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Stock Availability in 2019

Attending Eastern NSIP Sale

- Aug 10, 2019 at Wooster, Ohio
- Consigning top lambs with balanced EBVs
- Featuring lambs with high parasite resistance

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Please contact us to reserve
lambs or arrange trucking

★ Check out our new website at www.katahdinsforsale.com ★

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**We have a super set of fall lambs
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**"LONG GENES" 1st Fall Ram Lamb and
Reserve Champion Senior at 2018 NAILE.**
Sired by "Pistol" and out of a "DOC" daughter.
We have a nice set of fall lambs out of him.
And an EXCITING pair of Jan. Ram Lambs out
of him and "Belle"!! (probably keepers).
**At this time we will enter "Long Genes" at
Sedalia, unless we sell him privately off farm.**

Thanks to Ol' Glory
(Dale Davis Family) adding
females and ram lamb to
their new Ohio flock!!

Congrats!
to Jessica Larrick Family,
Ohio, for adding 8 more
females to their new flock!

**We are sure you will be seeing both of these
Buckeye flocks in the future.**

RIV

Mike & Leslie Nelsh
2834 Kennard Kingscreek Rd • Cable, OH 43009

Ph: 937-471-5682 • Cell: 937-244-2673

rivierahamps@hotmail.com • <http://www.rivierafarm.com>



**RIV 811 has been sold to
the Chris Mowen Family,
New Paris, Ohio.**

**WATCH for this
upcoming flock!!**



**RIV 808 3rd March Ewe
Lamb at 2018 NAILE,
member of First Pair.**

Sired by "DOC" and
out of a "Paymaster"
daughter. RIV 808 will
sell at Ohio or Sedalia.

**Inquiries
& visits
are always
welcome**

KHSI Board of Directors Conference Call February 15, 2019

Jane Smith, Recording Secretary

The Board of Directors met with a conference call on February 15, 2019 beginning at 8 pm CST. We are using the conference capabilities of the new phone system RingCentral. In attendance were Michelle Canfield, John Dyer, Lynn Fahrmeier, Henry Shultz, Jane Smith, Robert Walker, Ron Young, Alan Culham-Operations Manager and Jim Morgan and Teresa Maurer-Education Manager Team.

President Henry Shultz called the meeting to order at 8:03 PM. The first order of business was the discussion of the 2019 Budget. Robert Walker took questions on several items, including breakdown on advertising, KatPlus line item, and increase in office expense. We need a digital scanner to use for all the backup of historical items and documents. Robert, Lynn and Jim participated in a demo of a digital scanner that also does OCR

readings, which makes every word in the document searchable. Files will be able to be moved via "drag and drop" into clearly labeled cloud folders. The company will provide Jim with training in use of the scanner. 4 people can be licensed to access the cloud documents. This scanner and software will be on a 4-year lease. Lynn made a motion to approve the purchase of the scanner and software and to approve the 2019 Budget, Michelle made the second. The motion passed unanimously.

A list of items to be scanned and a list of items that need to be retained as hard copies has been developed. We need to add pictures to the list of items to be documented. Lynn made a motion to accept the updated scan list, Michelle gave the second, motion passed unanimously.

The new phone system is up and running. Via one phone number you

can now be directed to Operations Manager-Alan Culham, Education Manager-Jim and Teresa (Round Mountain Consulting), Registry-Jeff Ebert, and Advertising-Gail Hardy. Besides the ability to do teleconferencing, this system will also allow us to possibly do webinars in the future.

QuickBooks is now up and running for the accounting software. Robert made a motion to close out the bank account in Fayetteville and to have all our banking done out of the account in Wamego, Kansas. Jane made the second. The motion passed unanimously.

Jane made a motion to approve the minutes from the October 22, 2018 teleconference call, the November 12, 2018 meeting in Louisville, KY, the November 20, 2018 conference call, the December 3, 2018 conference call and

CONTINUED ON PAGE 33



South Central Katahdin Association

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OS

205% Lamb Crop
Offering a few spring lambs and 2017-18 ewes.
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Registered * Recorded * Commercial
Worm resistance * Maternals * Weight Gain
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276-686-4838 * judykincer@gmail.com



DOC P 1844 DOC P186 "Second Coming" TOR 16415 Top Tier Langston U Test

the December 27, 2018 conference call. Ron made the second and the motion passed unanimously.

Alan Culham gave a report on the first six weeks as Operations Manager. He is getting up to speed on his duties. He will take over the accounting this next week. He has attended the ASI convention and has letters out seeking bids for sale management of the Expo Sale. We will make the selection for this by March 1. Jim also

attended the ASI convention. He and Alan have been working on the transition of duties and he is ready to start the scanning of items to be put on the cloud and updating the hard copies of the Corporate Book, By-Laws, etc. At this time, Alan, Jim and Teresa exited the conference call.

Michelle moved to have the board go into Executive Session, Lynn gave the second. Motion was unanimous to do so. Items discussed were job accountability, accomplishments, time frame for meetings, and the possibility of e-mail votes. Ron moved to come out of executive session, John gave the second, motion passed.


Lynn made a motion to approve the Educational Manager Scorecard and to

approve the payment to Round Mountain Consulting for the month of January. Robert made the second and the motion passed unanimously. Robert made a motion to amend the contract with Alan Culham to include payment to him for travel to pick up the mail twice a week in lieu of payment for a phone. Ron made the second, the motion passed unanimously.

The board of directors want to publicly thank Robert Walker for his outstanding work for the KHSI association in researching the new phone system and getting it up and running, spearheading the change to QuickBooks, as well as researching and setting up demo of the scanner system and many other areas where he has been so essential to the organization.


The board of directors will be meeting on the 2nd Thursday of each month, via conference call, at 8 pm CST starting on March 14, 2019.

www.katahdins.org



Generations of selection for:


- Maternal Ability
- Fertility
- Parasite Resistance



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Member
NSIP

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Need Parasite Resistance? Purchase Genetics, not Dewormers!

Parasite Resistance is hereditary. Hound River Farm has been selecting for Parasite Resistance in our sheep since 2007 based on:

- Multiple Fecal Egg Count analysis on all lambs annually;
- Continuous participation in Parasite Resistance research since 2007, including on-farm testing, SARE grant and USDA research studies;
- Thirteen years of NSIP data submission for fecal egg count EBVs; and
- Careful selection of herd sires with documented parasite resistance.

We will again consign a select group of quality ram lambs to the 2019 Virginia Tech Forage-based Ram Test.

Our sheep are pasture-raised and exposed to parasites year-round.
Contact us to reserve your next herd sire.
www.houndriverfarm.com
Roxanne & Milledge Newton, Hahira, Georgia. (229)-740-0017





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- Structurally Correct
- Proven Parasite Resistance
- A+ Hair Coats
- 15+ Years Breeding & Selling Top Quality Stock



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Avoid the hype and save your cash. Pre-buy your ram and have him delivered to you in Sedalia at the Midwest Stud Ram Sale

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Ph: (417) 437-4523
kbeatty@hushmail.com
www.ThousandOaksRanch.NET



KHSI Board of Directors Conference Call March 14, 2019

Jane Smith, Recording Secretary

The Board of Directors met with a conference call on March 14 at 8 pm CDT. Those on the call were Michelle Canfield, John Dyer, Lynn Fahrmeier, Henry Shultz, Jane Smith, Robert Walker, Alan Culham-Operations Manager and Jim Morgan and Teresa Maurer, Education Manager Team. Ron Young was ill and not able to participate.

President Henry Shultz called the meeting to order. The minutes of the February conference call were presented for approval. There was one addition to those in attendance on that call: Teresa Maurer, member of the Education Manager team, was also on the call. John Dyer gave a motion to approve the minutes as corrected and Robert Walker gave the second. Motion was approved.


The next order of business was the selection of Sale Management for

the 2019 Expo Sale. Proposals were received from Willoughby Sales, Heartland Livestock Services and Banner Sale Management. Henry, Alan, and Jane reviewed each of the proposals and came to a consensus that Willoughby Sales would be our best choice for this year. Willoughby Sales will be handling the webcast and the clerking of the sale. KHSI will be responsible for many aspects of the sale and will be looking for volunteers to help with check-in of paperwork and other aspects of the sale. We will need two people to assist Willoughby Sales with clerking duties the day of the sale. Robert moved to accept the recommendation of the committee, Michelle gave the second. The motion passed unanimously. Alan and Jane will sign the contract with Willoughby Sales. Steve George will be contacted to serve as auctioneer.

Jim Morgan gave his Education Manager report. The spring issue of

the Hairald is being mailed on March 15. Two more issues of the Hairald will be out prior to the Expo in August. The next advertising deadline is April 17. The Hairald committee would like to have more interview-based articles, with a focus on Katahdins in the commercial industry. We are looking for ways that KHSI can positively affect this part of the industry. The committee also would like the membership's input on ideas for articles. Jim and Teresa have begun the inventory and sorting of KHSI documents. Essential and historical documents will be scanned and uploaded to a cloud service. Jim and the Hair Coat Inspection Committee are working to update the hair coat inspection process and to develop a PowerPoint program about this topic, as well as the ultimate goal of having a video program for hair coat inspection.

CONTINUED ON PAGE 36




LCR Ranch
LCR Katahdin Hair Sheep

Consignments at the
KHSI Expo &
Eastern NSIP Sale



Breeding sheep to perform in the real world.



Leon Gehman
Williamsburg PA
LCgehman@gmail.com
814-505-5143

Commercial Ewe Lambs/Rams



James Lovelace
Circle L Ranch • Troy, MO
jameslovelace@hotmail.com • 573-384-5398

FINDER

Hampshires,
Katahdins &
Maremma Livestock
Guardian Dogs



WARREN & PAM FINDER

Warren for sheep: (620) 532-1327 14715 W. Maple Grove Rd.
Pam for dogs: (620) 491-1087 Kingman, KS 67068
finderhampshires@gmail.com facebook.com/FinderHampshires

From the Feed Trough: Changing our Comfort Zone

By Woody Lane, Ph.D. © 2016

Of course we want to increase production. Experts and teachers and industry leaders have been telling us for years: increase production, increase profits! Lambing percentage, accelerated lambing, faster gains, better quality wool, higher numbers of sheep. Especially higher numbers of sheep. We just need to learn some new things and apply them — a straightforward task. Or is it?

Well, we studiously attend workshops and conferences and webinars that focus on technical skills and finances. We listen attentively, take notes, collect handouts, talk to each other in the hallways, and then drive back to our farms and ranches. Then . . . we may try a couple of new things, maybe make a change or two, and time passes. Those handouts accumulate in a pile on a shelf. So much new

information — but has it really been effective? Hmmm. Improved production techniques have been available for many years, yet we are now hearing about them again in workshops and conferences. Does this suggest that our outreach methods may be lacking? Could there be, perhaps, a better way, or at least a different way that is more effective? Yes, there is. Let's talk.

I've just described the standard approach to imparting new information: the classic lecture. We've all been to lectures, many times. Nearly every class in school and college is designed around this model. Someone — a teacher, professor, lecturer, 4-H leader — stands in front of the group and talks about a topic. It's the top-down approach. The speaker speaks, the listeners listen. The speaker is really the only active person in the room;

the listeners are passively taking notes. Chairs are generally arranged in orderly rows, or in an amphitheater like a college auditorium. A course of multiple sessions usually includes an agenda or a syllabus. Academic courses will include tests. And in today's high-tech world, the speaker usually uses a PowerPoint presentation. At the end of the session, there may be time for a few questions, perhaps a bit of back-and-forth discussion with the speaker. Then the session is over and everyone leaves the room, maybe hurrying to the next session.

Our agricultural workshops and conferences generally follow this same pattern (although mercifully without grades or surprise quizzes). And why not, since the speakers and event organizers were all trained in similar

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KHSI BOARD OF DIRECTORS CONFERENCE CALL MARCH 14, 2019, CONTINUED FROM PAGE 35

Alan Culham gave his Operations Report. He is in the process of getting all the Financials over onto QuickBooks and has everything posted through February. He is working at setting up the registry and PayPal accounts so they can be tracked more easily. By the end of March, he should be able to provide monthly reports. The Bank of Fayetteville account has been closed as of 2/26. All accounts have been changed over to the Bank of Bennington. Alan wants to develop a policy on the handling of accounts with credit amounts. Billing invoices for the Hairald will be going out this next week. Alan will be receiving the Hairald electronically and will also be receiving copies of the magazine for

distribution at events.

Alan requested more information on the status of planning for the Expo, especially what dollars are committed to the varied areas of the event. A layout of the facility and what it has available will be obtained. Alan will need copies of all contracts. Jim will assist with the contact of international participants and scheduling some of them to participate in the event.

Lynn Fahrmeier presented a proposal from the Katahdin NSIP committee. They are proposing a 16-page informational magazine. The funds that would be used are the sequestered funds in the KHSI NSIP budget. After discussion with the board, Lynn is going to go back to the committee

to fine tune the focus of magazine and its target audience. It will then be presented to the board.

The Scholarship Committee is up and running. This is also the case with the Youth Program and the Sale Committee.

The next meeting of the board will be April 18 at 8 PM CDT.

The Board went into Executive Session. After discussion, the Board exited the Executive Session. Lynn moved to pay the salaries of the Operation Manager and Education Manager for the month of February. Michelle gave the second. Motion passed.

Michelle made a motion to adjourn, John had the second. Meeting was adjourned at 9:26 PM CDT.

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workshops. This top-down system is their comfort zone.

It's almost like a highly-stylized Japanese kabuki play: the moves are formally prescribed, the script tightly written. No surprises. Everyone is comfortable within this system.

However, let's ask ourselves a simple question: do workshop attendees go home and actually make major changes in their management? Does the new information from these educational events actually result in increased on-farm production? I would submit that, with the exception of a small minority of producers who like to try new things — namely, the early adopters that we've known about for years — that most producers are very conservative, they don't change much or often, and they continue doing what they've always been doing. It's their comfort zone.

But if our current workshop system is not working well, do we have an alternative? Or something we can use in addition to our standard workshops?

Yes, we do. There is a different way of learning — the Producer Discussion Group. These groups have many names: producer group, forage group, discussion group, etc. But whatever you call them, they all share some common attributes, a common model. The group is composed of a limited number of members who are producers and other folks in agricultural roles. The group meets regularly, maybe monthly. Members, who may or may not pay membership fees, can raise many different types of livestock, or they may all raise the same type of animals (like dairy cows). Producer group meetings include activities such as pasture walks, visits to farms and agricultural businesses, and most importantly, a time for discussion. Meetings may focus on technical topics but they generally don't follow a prescribed syllabus because a discussion group is not a formal course. There are no tests, except the real ones in life when a producer talks to the banker. And the producer group has some sort of leader, usually a facilitator,

who makes arrangements and keeps the meetings on track.

Although producer groups may vary in organizational details, they all share some core traits. These groups are, first and foremost, discussion groups. Members talk with one another about topics that are important to their operations. Chairs are not lined up in rows like a lecture; they are arranged in a circle to encourage back-and-forth roundtable interactions. A guest speaker will sit as part of the circle, not stand behind a podium. The communication style is multi-directional; it's definitely not top-down. Questions and comments fly back and forth between members and guests, among members, and between the facilitator and others. For a visitor comfortable with the top-down approach, these discussions can be a bit unsettling. But in a producer group, multi-way communication is a highly-prized value, not the exception, and guests usually get used to it.

CONTINUED ON PAGE 38

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Producer groups are quite common in countries like New Zealand and Australia. The reason is fairly simple: they work. Livestock producers who are members of these groups, particularly for a long time, tend to be profitable and stay in business. Over time, they tend to increase their productivity, reduce their breakeven costs, and become more efficient. They also tend to add more sheep or cattle on their place, because expanding their business is good business, and their healthy operations can handle the additional livestock.

Why are these operations more profitable? For one thing, they avoid wrecks. We all know about wrecks — those ideas that sounded so good when we first heard about them (perhaps at a workshop), but then didn't quite work out on our place. Wrecks can cost a lot of money. For many operations, a couple of wrecks can be financially catastrophic. Members of producer groups avoid wrecks because they can bounce off the new ideas with trusted group members. They get suggestions and feedback and warnings before they spend the money. They either avoid the wreck completely or modify their plans so the new thing works much better on their place. The producer group feedback helps them attain that higher productivity or increased efficiency, without losing a lot of money in the attempt.

Another reason group members do

better is that they are exposed to an ongoing reinforcement of new ideas, a kind of built-in support for new things. A producer group is not the same as the local coffee shop where well-known wags complain about politics and harken back to the good ol' days before all those new-fangled electronic gadgets.

Let's say that a member of a producer group wants to try something new. He will ask about it during a group meeting, and that new thing will be evaluated and discussed by the other members. Group members are progressive, knowledgeable producers who try to be supportive. There may be a couple of hundred years of experience in that room. You can't buy feedback like that. The members have judgements and experiences that the member knows and trusts. In subsequent meetings, the group will have follow-up discussions about that new thing. Members will examine if that new thing works or needs adjustment or if it should be dropped before a wreck occurs. The risk of trying a new thing becomes less and less. Members are more confident about trying new things because they can depend on trusted and timely feedback about the results. The bottom line is that the member incorporates the new thing into his farm with confidence and minimal risk, and his system is better for it, more productive, more efficient, more profitable.

Group meetings also influence

members in indirect ways. When a conversation focuses on the issues faced by one farm, all the members in the group listen to that conversation and internalize the comments. They each think of their own operation, how these issues may affect them, how they can solve those problems in their own way. This is a type of learning, very personal and very effective.

Communication, reinforcement, evaluation, discovery, praise. And perhaps some good-natured ribbing under the watchful eyes of a skilled facilitator. All healthy attributes of good discussions, month after month. And underlying all this structure, quietly inferred, is the enjoyment of belonging to an elite group of progressive livestock producers. Of professional pride and growing understanding. Of being helped by knowledgeable members and of helping others.

Producer discussion groups — it's a new comfort zone.

Woody Lane is a livestock nutritionist in Roseburg, Oregon. He operates an independent consulting business "Lane Livestock Services" and teaches nutrition, sheep, beef cattle, and pasture management workshops across the United States and Canada. His book on nutrition, *From The Feed Trough: Essays and Insights on Livestock Nutrition in a Complex World*, is available through his website, www.woodylane.com. His email address is woody@woodylane.com. This article was first published in May 2016 in *The Shepherd*.

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Katahdin Recipe Forum

Edited by Jim Morgan & Teresa Maurer



Lamb Wellington

Submitted by Robert Walker, Tennessee

Robert says "This may be the best lamb meal I have done. I have never done Wellington before and this was a home run. I did 2 versions: I only had one piece of puff pastry so I did that and then I made some dough for the rest. The homemade dough was by far better. But if I had not tried that, I would have said the puff pastry was by far the best, but either way this is outstanding. This is so delicious and so easy. Made with only the simplest of ingredients you will wonder why you never tried it before! You want to use tenderloin or leg of lamb, the most tender options."

Prep Time: 20 minutes, Cook Time 15 minutes, Resting: 10 mins

Ingredients

1 lb lamb leg (boneless) or tenderloin
2 tbsp butter
3 clove garlic finely chopped
2 cans mushrooms finely chopped
1 cup onions finely chopped
1 cup celery finely chopped
salt
pepper
1 tbsp Dijon mustard
2 sheets puff pastry
1 egg plus 1 tbsp milk (egg wash)

Variation

1 cup spinach finely chopped, cooked, drained (you can add in step 2)

Instructions

1. Preheat oven to 450 degrees. Leave puff pastry in refrigerator until ready to use.
2. In saucepan on med heat, add butter, onions, celery, mushrooms, garlic and cook until no moisture is left stirring occasionally. Takes about 15 minutes or so until everything is good and soft. Then add Dijon mustard and blend well. Add salt and pepper to taste (can add optional spinach here).
3. In meantime while the filling is cooking, take another skillet and on medium-high heat, add some oil and sear the lamb about 15-30 seconds on all 4 sides. NO MORE than 30 seconds on any side. Pull from pan and rest while preparing the dough.
4. Take puff pastry sheets and roll out. Add filling mix and add lamb on top of that. Take egg wash (egg & milk mixture) and brush edges of dough. Roll the dough over the mix and lamb. Place on foil-covered cookie sheet with seam side down.
5. Brush all over with egg wash and take a knife and score lightly across the top.
6. Place in oven and bake for about 15 minutes. Then remove and rest for 10 minutes before slicing.

*If you have a recipe that you and your family like, send it to
KHSI Education at education@katahdins.org or call 717-335-8280 ext 2.*

We look forward to your recipes.

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

**Join us at the Expo August 15-17
at the Hyder-Burks Ag Pavilion, Cookeville, Tennessee**

Poisonous Plants: What's the Risk to Livestock

Rory Lewandowski, Extension Educator Wayne County, Ohio

It seems to me that raising livestock as well as farming in general, is often about risk management. Every year I get questions from livestock owners regarding poisonous plants; either for identification or for information on how to manage around a known poisonous plant. Avoiding livestock health problems due to ingestion of poisonous species is a matter of being able to identify potentially poisonous plants, understanding risk factors and taking some proactive management steps.

What are the risk factors for livestock ingestion of poisonous plants? Here is my list:

- Overgrazed pastures
- Drought conditions
- Summer storms
- Well intentioned neighbors

Some common tree and weed species rated as poisonous species that pose a risk to grazing livestock include: wild black cherry, red maple, and Ohio buckeye, as tree species and poison hemlock, buttercup/cressleaf groundsel, milkweed, nightshade, horse nettle and star of Bethlehem as weed species. This is not an inclusive list, but it does include some of the common species associated with pastures. Now let's match up species with risk factors and provide a little more information about the toxicity of each species.

One of the general principles of forage weed control, whether in a pasture or hayfield situation, is that 90 to 95% of weed control is provided by com-

petition from the forage crop. Proper soil pH and soil fertility are important components to allow forages to grow competitively and thrive. Another principle is to avoid overgrazing. This management practice will promote a denser pasture sward that will help to keep weeds from invading a pasture, including poisonous species. Inspect mismanaged and overgrazed pasture paddocks for potential poisonous plants. Recognize that when desirable pasture forage is in short supply, the risk of livestock grazing a poisonous plant if present, is greater.

In the spring, buttercup and cressleaf groundsel are both weeds that may appear. These are weeds that are rated as low to moderate toxicity. They are also low in palatability so generally livestock will avoid ingesting these weeds. Cressleaf groundsel is a weed that is becoming increasingly more common. The compounds responsible for toxicity, pyrrolizidine alkaloids, are not destroyed in the haymaking process, and so inclusion of this weed in significant quantities in dried hay may pose a bigger threat to livestock than in a grazing situation. Sheep are considered to be more resistant to the pyrrolizidine alkaloids than cattle or horses and reportedly have been used in some areas to control the plant provided the infestation is not too heavy.

Milkweed and nightshade are poisonous plants that are both considered unpalatable to livestock and generally only eaten if there is a shortage of good quality forage. Both of these plants can retain their toxic properties in hay. Cardiac glycosides are the toxic

compounds in milkweed and alkaloidal glycosides are responsible for the toxicity of nightshade. Milkweed is rated as low toxicity while nightshade is rated as a moderate to highly toxic plant. Both of these plants are toxic to all classes of livestock, but in the case of milkweed, sheep are considered as most at risk from ingestion and poisoning.

Poison hemlock is a biennial plant that is appearing with greater frequency in both pastures and hayfields throughout Ohio. This plant is reminiscent of wild carrot with its finely divided leaves, but its key identification characteristic is the purple blotches or spots on a smooth stem. All parts of the plant are poisonous and all livestock species can be affected if any part of the plant is ingested. The principle toxic compounds in poison hemlock are alkaloids coniine and gamma-coniine. It does not take much to get a lethal dose. In horses 4 to 5 pounds ingested can be lethal, 1-2 pounds in cattle and a mere 4-8 ounces in sheep. Toxicity is not diminished in either the ensiling process or the hay making and drying process so stored feed made from fields where poison hemlock is present is a livestock health concern.

Star of Bethlehem is a perennial, bulbed plant that may remind you of wild garlic or onion, but it does not have the odor. It has star shaped flowers and was originally introduced as a garden ornamental. All parts of this plant are toxic, and especially the bulbs. The toxic components are

CONTINUED ON PAGE 42



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Education Program at KHSI Expo – A Unique Opportunity

Every year the Expo Committee and the Board of Directors work hard to organize an outstanding educational program on Thursday and Friday for attendees. As always, the educational program offers opportunities to meet and learn from diverse Katahdin breeders and see sheep from flocks with different management goals.

Starting on Thursday at 6 PM, after an evening meal, three simultaneous sessions will be offered. In the sale ring, KHSI will host a showing clinic. Henry Shultz and friends, some of the best of any breed, will provide you the basics and the next steps for improving your skills. The other two sessions are about NSIP (National Sheep Improvement Program) and the EBVs (estimated breeding values) provided to NSIP flocks. The KHSI Education and Operations Offices receive at least 2-3 calls each week about NSIP. The

two workshops on Thursday evening are divided into an Introduction to NSIP and a session for those that are already in NSIP. Presenting at the beginning session is Rusty Burgett, who is the NSIP Program Director. Dr Ron Lewis from the U of Nebraska, Technical Advisor to NSIP, will lead a session for flocks already submitting to NSIP.

On Friday, the morning program starts with two simultaneous sessions. Dr Dwight Loveday of the University of Tennessee will give a presentation on "Cooking with Lamb". At the same time a Katahdin Producer Panel will discuss profitable selecting, feeding and marketing of Katahdins. The morning will finish up with Dr Joan Burke of the US Department of Agriculture Ag Research Center in Booneville Arkansas. Dr Burke is directing a research grant that uses modern DNA

technology (Genomics) to identify key production traits including parasite resistance in Katahdins.

The Friday afternoon session is the centerpiece of the 2nd International Katahdin Congress. Speakers will talk about how Katahdins have moved from the USA to their countries, their Registries and production systems. We look forward to hearing Dr Javier Lara of Mexico, Dr Lynn Tait of Canada, Ricardo Zapater of Puerto Rico and Helmut Bethancourt of the Dominican Republic talking about Katahdins. The keynote speaker is Dr Temple Grandin of Colorado State University talking about humane animal handling. (see pg 20).

More information about the program will be available in the next issue of the Hairald, which mails in June. We look forward to your participation in this unique event!

POISONOUS PLANTS AND RISK TO GRAZING LIVESTOCK, CONTINUED ON PAGE 41

cardiac glycosides and all grazing livestock are susceptible. The bad news is this plant is capable of taking over areas of a pasture paddock and whereas the other poisonous weed species previously mentioned have some herbicide options for control, Star of Bethlehem has limited herbicide options that are only moderately successful in controlling it.

In drought years there are more cases of livestock ingesting poisonous plants. In part this is due to the slow pasture growth that results in livestock not having enough desirable forage available. They may eat plants, including poisonous plants that they otherwise would not eat. Be very diligent about inspecting pasture paddocks for potentially poisonous plants during drought conditions.

Summer storms and the accompanying downed limbs and trees can present another risk of livestock ingesting poisonous plants, particularly if some of those downed limbs or trees are from wild black cherry, red maple or our state tree, the buckeye. With regard to red maple only horses are known to be affected. Horse owners need to be aware that red maple leaves are rated as highly toxic to horses, ingestion of as little as 3 pounds can be a lethal dose. Within 48 hours of ingestion, chemicals in the leaves will cause a destruction of red blood cells. The Ohio buckeye as well as a

related species, the horse chestnut, are rated as a moderately to highly toxic. Ingestion of the leaves can affect the gastrointestinal and nervous systems of all grazing livestock. When small amounts are eaten symptoms may be limited to the gastrointestinal system and include excessive salivation, abdominal pain and diarrhea. When larger amounts are consumed neurological symptoms including trembling, staggering and breathing difficulty may be expressed.

The issue with wild black cherry trees is that freshly wilted leaves can contain high levels of hydrogen cyanide (HCN) compounds. Young leaves generally have a higher HCN potential than older leaves so as we go through the growing season, HCN levels in wilted leaves decline. However, ruminant animals are very susceptible to poisoning from HCN. Research indicates that the lethal dose for sheep/cattle can be as little 0.46 grams to 1.82 grams of plant material per pound of body weight. To give this some perspective, there are 454 grams in one pound, so this is a small amount. For a 1200 pound cow, consuming 1.2 to 4.8 pounds of wilted black cherry leaves could be a lethal dose.

Signs of HCN toxicity can occur quickly, as soon as 15 to 20 minutes after ingestion. Typical signs are distress, followed by severe weakness to

the point where the animal is barely able to stand, or even to the point of collapsing. Animals will exhibit rapid and labored respiration. If they have collapsed there may be kicking/paddling of the legs and/or kicking associated with seizure like symptoms. This entire sequence can progress in 10 to 15 minutes with a high dosage of HCN and up to 45 to 60 minutes with a lower dose. References state that if the animal does not die in the first hour, there is a good chance for recovery.

A final risk factor is the well intentioned neighbor. The most common example of a good intention causing a tragedy is when trimmings from a yew plant are dumped into a livestock pasture as a treat for the animals. Livestock will readily consume the trimmings but yew is a highly toxic plant and death can occur very quickly following ingestion. It has been reported that one mouthful is enough to kill a cow or horse.

There are some good web sites available to learn more about poisonous plants and that can help with identification. One that I use includes: <http://www.ansci.cornell.edu/plants/index.html> from Cornell University Animal Science Department.

Editor's note: Article from 6-10-15 "All About Grazing" column in Farm and Dairy magazine.

KHSI Member's Guide

01/19

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

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KHSI Operations:

- Alan Culham, PO Box 739, Fowlerville, MI 48836
info@katahdins.org, 717-335-8280 ext 1, 717-335-8279 (fax)
- Primary responsibilities of the Operations Office are:
 - Answers questions about KHSI, processes and Katahdins
 - Manages finances, budgets, payments
 - Implements KHSI promotions plans
 - Coordinates KHSI Expo, Annual Meeting, Expo Sale
 - Updates KHSI website and social media
 - Works with KHSI Board and Committees on above
 - Attends industry events and all KHSI Events as directed by the KHSI Board of Directors
- Office Hours (Eastern time): Monday - Friday (9 am - 5 pm).
- Voicemail and email: available for messages 24 hours per day.

KHSI Registry: effective January 1, 2018

- Jeff Ebert, KHSI Registry, PO Box 231, 420A Lincoln St., Wamego, KS 66547
Phone – 717-335-8280, ext 3; 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 717-335-8280, ext 1 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

Expo Sale: Jane Smith – 219-474-3216

Finance: Robert Walker – 931-510-1322

NSIP: Lynn Fahrmeier – 816-517-5049

KHSI Education:

- Jim Morgan & Teresa Maurer
717-335-8280 ext 2, education@katahdins.org
- Primary responsibilities of the KHSI Education Office are:
 - Responds to calls, emails on Katahdin sheep and management
 - Organizes, writes, edits articles and other content for The Katahdin Hairald
 - Distributes KHSI educational materials to members, public, events
 - Organizes hair coat inspections and training
 - Assists Operations Manager with educational activities
 - Works with KHSI Board and Committees on above

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

Video Hair Coat Inspections:

Michelle Canfield – 360-770-0615

Website, Social Media: Michelle Canfield – 360-770-0615

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 June 11, 2019 to KHSI Education Office for the Fall 2019 Hairald. Contact KHSI Education, 717-335-8280 ext. 2 or education@katahdins.org.

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SHEEP FOR SALE

FLORIDA

Registered Yearling Ram & Ram Lambs. Big boned, nice coat from a Scrapie Free Flock and were born Dec to Mar. Also, one April, 2018 yearling ram. Excellent quality. Need to move these youngsters. \$300 each. Meredith Babnick, Starke FL, 218-576-4336 or euphoriastables@aol.com

KANSAS

East Central KS. Commercial Ewe Lambs. April 2019 twin/triplet born ewe lambs accelerated genetics (7-8 months). Dams have Coplen (Birch Cove) or Greenwood (Silver Maple) genetics. Lambs sired Easy Care/Katahdin fall twin born. \$250. your pick after weaning. Call/Text Richard Koch, 913 230 7178. Bucyrus, KS (30 mile south of KC).

KENTUCKY

Registered Yearling Ewes. 50 purebred yearling ewes born March to April 2018, daughters of 5 RR rams and productive ewes. Born on grass, raised on grass, Selected for parasite resistance and for forage production, price \$350. Jeff/Michelle Emmerling J&M Sheep, Bonnieville KY 270-763-7344 j.emmerling@scrtc.com

SHEEP FOR SALE

MARYLAND

Registered RR Ram Lambs. March/April born lambs available June/July. Dams from well-known Whitmore Farm Line (MD). Sire is from the Virginia Tech Parasite Resistance Sale/ Silver Maple Sheep Farm (VA). All pasture raised. \$250-\$350. Steve Steinberg, Stony Branch Farm, Emmitsburg, MD. vrasteve@msn.com (301) 693-3379

MINNESOTA

Central MN. Registered Ewe Lambs. 30 registered Jan./Feb.born ewe lambs. Ready to go June 1st. Averaged twins and triplets, up to date on CDT shots. \$250 each, sired by DOC P1447 & SRL-C1625. Thanks for looking. Brian and Jenny Lenzen, Chaska MN 55318. (952)212-8649 or jlenzen@yahoo.com

MISSOURI

Registered & Commercial Ewes. 6 registered ewes and 2 yearling registered ewes (\$300 each). 20 commercial 3-4 yr old ewes (lambing now; \$200 each). Clifford Mast, Sarcoixe, MO. 417-439-3048 or mastexcavatijg@privategarden.org

OHIO

Western OH. Registered Ram Lamb. Feb twin born. RR sire/QR dam Raised only on forage/ 31lbs (5 weeks). Coal black. Misty Oak, Buckeye Acres, Dyer bloodlines. \$350. Our sheep are grass fed only, Never chemically dewormed. Naturally raised, Pics available., Rebekah Evans Heaven's Sunshine Acres Rossburg, OH 937-338-3077, RebekahAnna@icloud.com

SHEEP FOR SALE

Central OH. Registered Proven RR Ram. Commercial & Registered Ram Lambs. Proven registered RR ram. Also, registered & commercial lambs born Jan 2019. Long level backs with heavy bone. Sired by registered RR buck. Lamb prices \$250 commercial & \$500 registered. Joe Beiter Countryside Katahdins. Pleasantville, OH 740-503-7558

TEXAS

Registered RR Ram Lambs. Feb born. Current CD/T. Sire "Paymaster" Riv 704. 60 day weights available. \$500 or OBO. Located Royse City, Texas. Can deliver to the SCKA meeting in Vicksburg, MS. or the Mid West Stud Ram Sale in Sedalia MO. Clifford Spraberry, Spraberry Acres. 469-576-7620 or cspraberry@yahoo.com

VIRGINIA

SW VA. Starter Flock: Six 2017-2018 Registered/Recorded Ewes. Worm resistant, twin producing lines. Natural births, rearing 100%. Nice ample bags, excellent mother instinct. Sold with/without 2019 Reg. RR Ram Lamb by DOC: Photos & more info by email, Judy Kincer, Old Slate Farm, Wytheville, VA, 276-686-4838 judykincer@gmail.com.

2019 Katahdin National Sale in Cookeville, TN
Buy Katahdins from the best flocks

Need to sell sheep?

Place a free sheep for sale ad at www.katahdins.org or contact Jim at 717-335-8280 ext 2 or education@katahdins.org

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KHSI
c/o Jim Morgan & Teresa Maurer
P. O. Box 778
Fayetteville, AR 72702-0778
479-444-8441

2nd International Katahdin Congress

15th Annual KHSI Expo & Sale

August 15-17, 2019 Cookeville, Tennessee
Hyder-Burks Ag Pavilion, Tennessee Tech University
2390 Gainsboro Grade, Cookeville, TN 38501

Preliminary Program

THURSDAY, AUGUST 15, 2019

- | | |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12:00 Noon | Expo Sale Sheep Check-In |
| 4:00 pm | Expo Education Program Registration & Check-In |
| 5:00 pm | Light Dinner |
| 6:00 pm | <ol style="list-style-type: none">1. Management, Selection, Preparation for Showing Katahdins – Henry Shultz, Missouri2. Basics of the National Sheep Improvement Program & Is NSIP for my flock (for those that have not submitted data to NSIP) – Rusty Burgett, NSIP Office3. NSIP for Katahdin Flocks Already Receiving EBVs – Dr Ron Lewis, U Nebraska |

FRIDAY, AUGUST 16, 2019

- | | |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:00 am | Registration & Check-in Continued <ul style="list-style-type: none">• Cooking with Lamb – Nick Forrest, OH• Katahdin Producer Panel• Nutrition for Profit – Rusty Burgett, NSIP Office• Genomics 101 for Sheep Producers – Dr Ron Lewis, U Nebraska• Using Electronic ID Tags Systems (EID/Rfid) – Dan Persons, Shearwell Data• Katahdins at the Leading Edge of USA Sheep Genetics – Using DNA, Data Collection, & Genetics – Dr Joan Burke, USDA Arkansas |
| 12:00 noon | Lunch |
| 1:15 pm | 2nd International Katahdin Congress <ul style="list-style-type: none">Dr Javier Lara – MexicoDr Lynn Tait – CanadaRicardo Zapater – Puerto RicoHelmut Bethancourt – Dominican Republic |
| 3:15 pm | Keynote Speaker – Dr Temple Grandin, Colorado State University |
| 4:30 pm | 2019 KHSI Annual Membership Meeting |
| 6:00 pm | Dinner |
| 7:30 pm | Ice Cream Social, Sale Barn |
| 7:30 pm | Bidder Check-in |

SATURDAY, AUGUST 17, 2019

- | | |
|----------|-------------------------------------|
| 9:00 am | Sale Animal Display |
| | Bidder Check In |
| 11:30 am | 15th Annual KHSI Expo/National Sale |