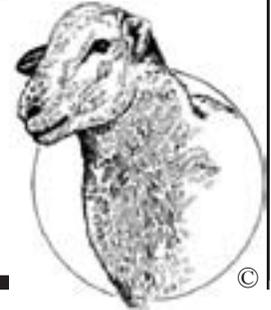


The Katahdin Hairald



Quarterly Newsletter of Katahdin Hair Sheep International

www.KHSI.org

Volume 17, Number 2

Spring 2005

Director's Corner

Larry Weeks, KHSI Board President

Greetings from your president. Things keep looking up for Katahdin sheep!

I thought this would be a good time to review highlights of what the Board, Promotions committee and members have been actively working on in promoting Katahdins.

We are excited that the April 2005 Shepherd magazine featured some great Katahdin promotion information. There was a long article about the upcoming expo and sale marking KHSI's 20th anniversary, done by Laura Fort-

meyer and Richard Gilbert, with a large KHSI ad in close proximity. In the same issue there was a special editorial that mentioned Katahdins and the value of NSIP to sheep breeders. Many Katahdin breeders ran ads in this issue and overall The Shepherd April issue gave excellent exposure to our breed!

Susan Schoenian and I put the spotlight on Katahdins and KHSI through our displays at the Maryland Sheep and Wool Festival in early May. This summer, with help from Kay Cloyd, Sheep Connection magazine will

run an article, ad and cover photograph, promoting the breed and our expo. We are working hard to get other articles to highlight our very special 20th anniversary expo and sale.

Through Kay Cloyd's efforts, KHSI also has a new banner ideal for use in booths or displays. The banner rolls up and can be shipped in a tube. Please contact Operations at least one month ahead to reserve the banner and other materials.

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Key Information for the Expo Sale

Laura Fortmeyer and the Expo Planning Committee

Entry forms for the Expo sale will be available as of July 1 by request from KHSI Operations or at www.KHSI.org. Forms will also be mailed to all members in a special mailing. They must be submitted by August 15 with the entry fee to have animals included in the sale catalog.

Breeders consigning Katahdins to the sale will need to provide the following information on each animal: date of birth, type of birth, type of rearing (as of 30 days of age), dam annual production history of number born/reared, 60-day weight and date

taken, 120-day weight and date. Optional information includes codon 171/136 tests and NSIP EPD's. Documentation required will include KHSI registration certificate, documentation of any codon test results, official notice of enrollment date/status if flock is enrolled in the U.S. Scrapie Flock Certification Program.

All consigned animals must have a USDA-issued scrapie program tag. Interstate health papers must accompany animals to the sale. We are still determining whether a negative *Brucella ovis* test will be required for rams born

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Redwine and Mewbourne Receive Outstanding Sheep Producer Award

Excerpted from information provided by Dr. Scott Greiner, Virginia Tech

Dr. David Redwine of Gate City and Martha Mewbourne of Nickelsville were recipients of the Roy A. Meek Outstanding Sheep Producer Award presented January 8, 2005 at the Virginia-North Carolina Shepherd's Symposium held in Blacksburg, VA. The award is presented annually by the Virginia Sheep Producers Association (VSPA) to recognize individuals which have made outstanding contributions to the sheep industry in Virginia.

Redwine and Mewbourne hail from Scott County, Virginia- a large mostly rural county located in extreme southwest Virginia only a few miles from the borders of Tennessee, West Virginia, and Kentucky. In 1997, Redwine and his uncle brought the first Katahdin ewes to the county from Lexington, Kentucky. The Katahdins were selected for their reputation as low maintenance-

easy care sheep, with resistance to parasites and other diseases. As word spread about these trouble free sheep, neighbors and other producers began requesting ewe lambs and the demand soon outgrew supply. Currently, Redwine and his family and partners maintain a flock of approximately 175 ewes. Martha Mewbourne and her husband Tom moved to Scott County from Philadelphia. She too was impressed with the Katahdin sheep, and quickly developed a flock of her own which today is comprised of 130 brood ewes.

Under the leadership of Redwine and Mewbourne, the Scott County Katahdin Coop was formed in 2000. The cooperative started with 25 members and was initiated out of the need for education, as many of the producers getting started in the business had very little experience with sheep. Today the Scott County Katahdin Co-op currently has over 100 members representing

approximately 3,000 breeding age sheep. In 2002, the Scott County group hosted its first Hair Sheep Faire, which was established to showcase the cooperative's efforts and in 2004 added a successful sale (see events section for info about 2005 sale). In November 2003 the Scott County Coop was approached by Food City, a large regional grocery chain, regarding their interest in supplying locally grown lamb to be marketed in their stores. Through the assistance of many, the first lamb product furnished by Scott County producers was made available through Food City in January, 2004. The response and acceptance of the product has been overwhelming, and plans are in the works to expand the program. In making the presentation, the Virginia association cited the vision, leadership, and hard work of David and Martha in their work with the Coop..

KHSI congratulates these two member-breeders on their special recognition!

DIRECTOR'S CORNER, CONTINUED FROM PAGE 1

The new KHSI dues structure and funding raised by the ram raffle are making these bigger and better promotional activities possible! The KHSI promotions committee is also looking for additional members to provide input on these priorities: 1) Advertising in magazines 2) Identifying events where KHSI needs presence 3) Working on slogan, logo, tagline phrases, etc 4) Promotional items for sale 5) Web page. If you are interested in serving on the promotions committee please contact me or Operations.

We wish to recognize and thank the various regional Katahdin groups who help to promote KHSI and the breed at the local and regional level. Look for information about events organized by these groups elsewhere in this newsletter.

At the annual meeting the membership voted to allow a sheep to be officially named in the KHSI registry as one option to promote excellent breeding stock. This service is now available. The cost is \$100 to offset cost of software changes and then will continue to raise revenue for KHSI.

Please contact the Operations for details.

As the time is approaching for the annual meeting I want you to think of not only attending but also serving on the Board. Please contact Barbara Pugh, Nominations Chair (see Member Guide) or Operations if you are interested in serving. This is an important role that impacts the future of KHSI.

These are exciting times to be in the Katahdin sheep business. Membership and registrations continue to increase as interest continues to grow.

Katahdin Expo Offers Something for All!

Kay Cloyd and Laura Fortmeyer

The 2005 Katahdin Expo scheduled for September 15-17 is sure to have something to appeal to everyone's interests. The event will encompass a broad array of educational offerings, the opportunity to purchase quality Katahdin genetics, KHSI business, and plenty of socializing.

We have a wonderful location near Lexington, Kentucky. Woodford County Community Park is located 1.5 miles west of Versailles on US Hwy. 62. In addition to meeting rooms, covered pavilion and large open barns, it has the Falling Springs Arts and Recreation Center. Here you will find a gymnasium with basketball and volleyball courts, workout and weight rooms, childcare facility, indoor pool and outdoor

splash pool with play features for children. Daily admission to all facilities is \$5 adult/\$3 children. In addition, there is a collection of old 1930's style railroad trains on display.

A block of rooms has been reserved for KHSI at the Best Western motel at the junction of I-64 and US Hwy 60, which is about 10 miles from the Woodford Community Park. For reservations call 502-695-6111. Please call soon to make sure you get the special rate of \$72 (including tax and breakfast). Camping facilities in Lexington include The Kentucky Horse Park, 859-259-4257. In addition there are several nice B & B's in the area. For more information on accommodations or a special local camping option, call or email our host, Kay Cloyd: 859-254-2840, kaycloyd@cs.com.

The Expo program will be of interest to a broad sector of sheep producers: from experienced Katahdin breeders to novices, from those who want to learn more about Katahdin sheep to those who are just looking for opportunities to add to their knowledge base.

A basic sheep management and skills overview will be offered on Thursday the 15th covering equipment, housing, fencing, breeding and reproduction, health, nutrition, marketing, handling and other hands-on skills. This will be led by Susan Schoenian and will have a separate fee.

Educational sessions on Friday the 16th will address matching genetics to production and marketing objectives as well as manage-

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Country Oak Ranch

Katahdin Hair Sheep



2005 Lambs

"If it's in the Ram, it will be in the Lambs"



www.countryoakranch.com

Mark & Sara Dennis

New Iberia, LA • 337-364-0422 • denn907@bellsouth.net

Stromquist White Post Farm

A Significant Difference

*You have an invitation
to come and inspect
our sheep.*



2005 Spring ewes and lambs (for sale)



Heading out to the pasture

All our sheep on the farm, including lambs, are DNA tested. All are RR or QR. We have no QQ sheep.

John and Steve Stromquist
White Post Farm • Durand, IL 61024
Phone 815-629-2159
email j.stromquist@worldnet.att.net

EXPO OFFERS SOMETHING FOR ALL, CONTINUED FROM PAGE 3

ment skills and information for progressive sheep raisers. Many of the sessions will be conducted in pens with sheep. Attendees will have the option of enrolling in either KHSI inspector certification training or FAMACHA training (for more effective internal parasite management) in the late afternoon. Kentucky burgoo will be the fare for the Friday evening meal.

Saturday the 17th will start off with a seminar on evaluating sheep based on conformation and soundness along with available performance measurements. Following this session, these skills will be put into practice when animals being offered for sale Saturday afternoon are exhibited

by age group for attendees to review and evaluate. Divisions will be split for rams and ewes and by age group: yearlings (born 1/1/04 through 8/31/04); fall 2004 (born 9/1/04 through 12/31/04), and 2005 lambs born 1/1/05 through 2/15/05, born 2/16/05 through 3/31/05, and born 4/1/05 and later.

The Katahdin breeding stock sale will be held after lunch, followed by the KHSI annual membership meeting. See the special separate articles on the Expo sale and a draft of our proposed schedule for further details. We will celebrate KHSI's 20th anniversary Saturday evening with a wonderful banquet and program.

KEY INFO, CONT'D FROM PAGE 1

before 4/1/05. Animals must not be tail-docked or clipped.

A repeated theme gleaned from the 2004 membership survey was that breeders interested in acquiring Katahdin genetics through a KHSI-sponsored sale want quality animals in healthy, working condition that have NOT been pampered. Potential buyers expect that purchased animals will go to their new home and perform. They are looking for credible performance and production information on which to base their selections. This is what we intend to offer through the Katahdin Expo Sale this coming September. We hope to see you and your sheep there!

Mark your calendar: September 15-17 for KHSI Expo in Kentucky!

Proposed Outline of Expo Schedule of Activities

Topics and speakers listed below are preliminary but will be finalized in the next Hairald issue. Here's a draft schedule to assist your planning.

Thursday

- 8-3 KHSI Board meeting
- 8-3 Sheep 101: Covers equipment, housing, fencing, breeding, reproduction, general health and management, basic nutrition, marketing. Hands-on topics will include sheep-handling, trimming feet, drenching, injecting, ear-tagging, evaluating breed stock.
- 8-3 Area Tours
- 3:30-5 KHSI Committee meetings (tentative)
- 7-9 NSIP participants' consultation (or 8 pm Friday)

Friday

- 8:30 Welcome
- 8:45 Producer panels:
 - a. Selection Strategies for Katahdin Breeding Market Niches
 - b. Katahdins in Commercial Sheep Meat Production
- 10:30 2-3 of the following possibilities will be offered:
 - Existing and Emerging Genetic Technologies
 - Producing a Quality Meat Product
 - Current Issues in Sheep Health
 - How to Feed Sheep Right
 - Pros/cons of Shed and Pasture Lambing
- 12:00 Lunch
- 1:30 Evaluation/Analysis tools- Rotation sessions (25 minutes at each station)
 - a. Fecal sampling
 - b. Body condition scoring
 - c. Live meat lamb evaluation (muscling and finish)
 - d. Carcass evaluation
 - e. Forage analysis
 - f. Using EPD's sensibly
- 4:15
 - a. Inspector training and certification (2 hrs)
 - b. Internal parasite management including FAMACHA training
- 6:30 Meal and Social

Saturday

- 9:00 Evaluating soundness and conformation (hands on)
- 10:30 Sale animal display and evaluation by class
- 1:30 Katahdin Breeding Stock Sale
- 3:00 KHSI Annual Membership Meeting
- 6:30 Banquet and 20th Anniversary Celebration

Introducing the Sires of Our 2005 Midwest Stud Ram Sale



*Sampson (RR) Canadian Bred
DJF 226L Current wt 310#*



*JF 038 (RR)
Current wt 286#*

Selling 12 Head

6 Ram Lambs

- 2 white September Ram Lambs by 038
- 2 white December Ram Lamb by Sampson
- 2 January Ram Lambs

All Sheep will be QR/AA or RR/AA

6 Ewe Lambs

- 2 Sampson Yearling Ewes exposed to 038 for September
- 1 October Ewe Lamb by 038
- 1 December Ewe Lamb
- 2 January Ewe Lambs

Flock enrolled in NSIP and Voluntary Scrapie Program – Enrollment Date 4-11-00

North Dakota State University Animal and Range Science Department

Fargo, ND 58105

701-231-7782 - Barn phone

701-231-7651 - Office phone

sheepbrn@ndsuext.nodak.edu

Katahdin Sheep Day and Sale

By Naomi Hawkins, Ohio

The Great Lakes Katahdin Hair Sheep Association in cooperation with producers Ron and Carla Young will be hosting the Katahdin Sheep Day and Sale on July 22-23, 2005 at the Van Wert County Fairgrounds in Van Wert, Ohio. Producers looking for a venue to either buy or sell Katahdins, or just learn more about them, will have that opportunity.

A sale of Recorded and Registered Katahdins is scheduled for 2pm on the 23rd. Producers may bring their animals to the Fairgrounds on Friday afternoon or evening or Saturday morning. Anyone wishing to participate in the sale is asked to contact Ron at 419-495-2993 or email: buckeye@bright.net.

The Young's open house farm tour runs from 6 pm to 9:30 pm on Friday and will include pasture tips and a walk through their extensive Ram Semen Collection Center.

There is a \$10.00 Registration fee per farm family. Coffee and doughnuts will be served at the Fairgrounds at 8 am Saturday morning. The educational portion of the program starts at 9 am with concurrent classes to choose from.

Presentations include: Animal Husbandry, Marketing, Evaluating Live Animals (condition scoring), Maternal Traits - (future of maternal breed), FAMACHA (eyelid test for anemia caused by parasitism), Time Management - (Dos and Don'ts). These classes

will be followed by a picnic lunch, sale preview and open consignment sale for Registered and Recorded Katahdins.

Sale Info a) Health Certificates and Scrapie Tags are required on all Sale animals, b) Auctioneer: Steve George, Deshler, Ohio, c) Consignor's fee: \$10. per animal, d) Commission on sale: 10%, e) Limit 6 head per breeder in the following classes: Males: 1. Yearling Rams, 2. Ram Lambs; Females: 1. Yearling Ewes with or without lambs, 2. Ewe Lambs, 3. Brood Ewes, 2-4 years of age, open or bred or lambs at side

Following the Sale, there will be a hair coat inspector's training at 6 PM. Contact the Youngs at 419-495-2993 or email: buckeye@bright.net for information and schedule.

Know What's in Those Genes

Barbara Pugh, North Carolina

We producers who want to do genotyping of our sheep have a new tool in our tool box. American Sheep Industry Association together with USDA and APHIS is sponsoring a program to provide financial assistance to sheep producers interested in genotyping rams for scrapie susceptibility/resistance.

Producers will be able to test up to ten rams with cost share reimbursement. The program began May 1, 2005 and will run through September 15, 2005, or until the funds are exhausted (whichever comes first). Certain procedures need to be followed so check with your local APHIS office.

Some states already had a ram genotyping program in place. This initiative is to assist those producers in Alaska, Alabama, Arkansas, Arizona, California, Connecticut, Florida, Hawaii, Kentucky, Louisiana, Massachusetts, Maryland, Maine, Missouri, North Carolina, New Hampshire, New Jersey, New Mexico, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Utah, Virginia or Vermont. These twenty seven states previously had no cooperative program.

Wherever you live, check with your local authorities to see what is available for you and how to take action.

Board Resolves Assistance for Canadians

Barbara Pugh, Secretary KHSI
Board of Directors

The Board of KHSI extended a hand of friendship and support across the Border to our Canadian members and producers recently. The Canadian sheep industry has been badly damaged by the actions of our governments in resolving the cattle bovine spongiform issue.

The resolution follows: "All Registry services for Katahdins from Canada by the KHSI Registry will be at regular prices for 12 months following the opening of the USA-Canadian border to breeding animal export and import. Animals older than two years of age will be charged at the price of less than two years of age. Transfers of sheep that have occurred more than 60 days earlier will be processed at regular prices."

to find your local APHIS office, go to:
http://www.aphis.usda.gov/vs/area_offices.htm

Do Small Ruminant Producers Need to Become Worm Ranchers?

PART 1

By James Morgan, PhD

Author's Note: The whole version of article was published in the May 2005 Issue of The Shepherd. The original audience for this article is the sheep and goat producers that frequently deworm their whole flock (greater than two times/year). For the Hairald, this article has been split into two parts and a couple of tables added. NOTE: Many Katahdin producers with parasite resistant Katahdins are managing their pastures and flocks for less frequent anthelmintic administration and can approach the anthelmintic crisis with less worry. We also suggest reading the article "Internal Parasites: An Opportunity For Katahdins" in this issue of the Katahdin Hairald.

The answer is yes and the time frame for the Southern USA is yesterday. Many need to im-

mediately shift emphasis from managing sheep to managing barber pole worm genetics.

Recent anthelmintic resistance studies in the USA indicate small ruminant producers, agricultural extension and veterinary community need to immediately shift the paradigm for nematode parasite management. Anthelmintic resistance is present and common. Whole flock deworming of all lambs or ewes needs to become extinct or become a very rare management tool. Who would have guessed that in the 21st century, many small ruminant producers in the humid regions of the Southern USA and eventually much of the rest of the country would need to increasingly concentrate on worm genetics and put their sheep management on the side

burner?

First a disclaimer: managing gastrointestinal nematodes is complex. Some small ruminant producers that are deworming their sheep or goats less than 1 or maybe 2 times per year can continue with their current system. Variation in any one of the following areas leads to major changes in the impact of parasitism: animal density, livestock monoculture, stress, nutrition, genetics, climate, and lambing season. The parasite management package that works for one flock may not be effective in another.

This article is directed at small ruminant producers raising animals in moderate to high densities in humid environments that are deworming their sheep two plus times per year.

TABLE 1. GLOSSARY OF TERMS & PHRASES

anthelmintic (or dewormer)	Dewormer and anthelmintic are used interchangeably. Commercially available drug/chemical provided to livestock producers to remove gastrointestinal worm infections (nematodes, tapeworms and/or flukes; worms are also known as helminths)
anthelmintic resistance (or dewormer resistance)	Worms with anthelmintic resistance are not killed by the normal prescribed doses of the dewormer. (normally this is a percentage of the total worms on the pasture and does not refer to all worms). Anthelmintic resistance is genetic based and is inherited from generation to generation in the worms. This does not refer to lack of worm kill due to low dosage, wrong placement of drench in the mouth or heat damaged (e.g. 90° F) dewormer
parasite resistance (or resistance to worms)	Refers to the livestock animal. Sheep with "parasite resistance" have an immune system that can resist some level of worm infection. There is a genetic basis to most resistance and sheep can pass on some component of their resistance to their offspring. NOTE: Parasite resistance is not absolute - even the most parasite resistant sheep can succumb to parasites when pasture infestation is very high or other stresses such as poor nutrition.
<i>Haemonchus contortus</i>	Common name is barber pole worm. This species of worm is most likely to cause losses in production or death in moist humid environments.

MAGNITUDE OF THE PROBLEM

Ray Kaplan, DVM, PhD at University of Georgia Veterinary Medical School performed DrenchRite tests to determine anthelmintic resistance in small

ruminant operations in the USA from 2002-2004. DrenchRite tests consist of a) collecting fecal samples, b) culturing worm larvae from those samples, c) identifying larval species and d) determining

percentage of larvae of each species killed by each class of anthelmintics. *Haemonchus* (barber pole worm) from all flocks and herds tested exhibit some resistance to

CONTINUED ON PAGE 9

the benzimidazoles and varying levels of resistance to levamisole and ivermectins (see Table 2).

Interpretation of DrenchRite Table (Table 2) - This takes thinking and explanation. Misinterpretation is possible. First, the 35 farms tested were selected at random and represent the conditions of an average small ruminant flock/herd in the regions of the USA mentioned. Second, what do the numbers mean? For the explanation, we will only talk about the benzimidazoles. Does 100% mean that benzimidazole (e.g. Valbazen) no longer works? No. To be considered a flock/herd with benzimidazole resistance means that at least 10% of the *Haemonchus* from the flock/herd can survive deworming at the approved and prescribed dosage. The 100% figure indicates that 100% of the flocks tested have *Haemonchus* populations

with some level of resistance to Valbazen® or Panacur® (benzimidazoles). Third point: It gets tricky here, so think about this next statement carefully; some of the flocks in the category of 100% benzimidazole resistance category have *Haemonchus* populations that are totally resistant to benzimidazole and some will have *Haemonchus* populations that

are 10% or 20% or 60% resistant. Fourth, can a shepherd still use a dewormer in a program if the worms in their sheep have resistance to it? With the advice of a vet, in many situations they can still effectively use a dewormer when there is some resistance in the worm population. A 50-70% kill of *Haemonchus* is often enough with certain sheep to get them past the high infestation. But, continued indiscriminant use of

problem in certain worm management programs. The safe interpretation for all shepherds is that there is anthelmintic resistance on their pastures.

WHERE DO WE GO FROM HERE?

If anthelmintic resistance is this universal, what are our options? The small ruminant scientists involved in parasite management all say that new pharmaceuticals are not in the pipeline.

Misuse of science has created

the current situation. Deworming all animals does decrease pasture worm loads. However, deworming all ewes in the fall, near parturition and deworming all lambs every 3-4 weeks created the current crisis by selecting for resistant worms.

We need to use our scientific understanding of genetics and biology of both small ruminants and worms to manage sheep profitably and effectively and to make the necessary changes.

TABLE 2. DRENCHRITE ANTHELMINTIC TESTS FOR 35 FARMS/RANCHES IN THE USA (2002-2004)

Region & Species	% with benzimidazole* resistance	% with levamisole** resistance	% with ivermectin*** resistance
Southern - sheep	100%	33%	75%
Southern - goat	100%	33%	90%
Northern - sheep	100%	33%	20%

Notes-
 benzimidazole* - includes albendazole (Valbazen®) and fenbendazole (SafeGuard® or Panacur®)
 levamisole** - includes Levasol® and Tramisol®
 ivermectin*** - includes ivermectin (Ivomec®) and the rest of the "mectins" e.g. Dectomax®. Moxidectin (Cydectin®) is in the same chemical family as the ivermectins but is more potent and thus is typically more effective against ivermectin-resistant *Haemonchus* for a few years depending on management. 3 of 6 Georgia goat herds that used moxidectin for two years developed *Haemonchus* moxidectin resistance within two years.

Some farms with *Haemonchus* that exhibit a low-moderate level of resistance to a class of anthelmintics can have enough susceptibility to allow use of the more potent members of the dewormer class.

the Valbazen® (benzimidazoles) can easily lead to Valbazen® becoming totally ineffective.

The results of Table 2 indicate that some level of anthelmintic is universal in small ruminant flocks/herds in the USA. Most shepherds won't detect that Ivomec® or Valbazen® is only 85% effective. But, the problem exists and can quickly become a major

THE ANSWERS OR THE CHOICES

Managing sheep with anthelmintic resistant *Haemonchus* include selecting anthelmintic susceptible worms, managing the sheep and pasture/range so that fewer *Haemonchus* larvae are ingested and fewer worm eggs

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Texas Hair Sheep Association Invites Katahdin Breeders to attend Sale & Symposium

Letter from Sale Supervisor

Dear KHSI,

I would like to invite you and your membership to the North American Hair Sheep Symposium and Sale to be held in San Angelo, Texas October 6,7,& 8 2005. The Symposium will feature speakers from across the US, Canada, and Mexico on a variety of topics relating to hair sheep production. The educational event will end at noon on Saturday followed by the national sale. Entry forms for the sale can be found at www.hairsheep.org. The sale is open to any breed and there will certainly be many buyers

looking for top quality Katahdin sheep. You will find that the hair sheep market in Texas is growing faster than can be supplied and demand is strong for all breeds. I am looking forward to having your members participate in this national event. Please contact me at any time with any questions you may have about this event.

Regards,

Philip Glass, P.O. Box 218, Water Valley, TX 76958; 325-465-4267; dorper@wcc.net

Sale Supervisor for Texas Hair Sheep Association, North American Hair Sheep Association

Looking for K Genotype at Codon 171

Dr Kreg Leymaster from the Meat Animal Research Center in Clay Center Nebraska is looking for animals with the K codon at 171. Most of us have heard of animals being Q or R at 171, but there are other forms which are rare. If any of your animals were genotyped with K at 171, please contact Kreg Leymaster. 402-762-4172 or leymaster@email.marc.usda.gov

WORM RANCHERS, CONTINUED FROM PAGE 9

laid and increasing the genetics for parasite resistant in our sheep and goats. Shepherds will typically do some combination of all three choices.

The development of anthelmintic resistance and its rapid increase in recent years means that small ruminant producers need to become worm ranchers. How the shepherd handles the problem will be their decision.

Part 2 of the article will be published in the Summer issue of the

Katahdin Hairald. It covers a discussion of the choices and answers to anthelmintic resistance and different options for "Worm Ranching".

Author's notes: Thanks are given to Joan Burke, PhD, Ray Kaplan, DVM, PhD, Jim Miller, DVM, PhD, Charles Parker, PhD, Dave Notter, PhD and Ann Wells, DVM for discussions of parasite resistance, genetics and management. Dr Kaplan's data on DrenchRite is greatly appreciated.

Do You Need A Sheep Management Software Program?

Two KHSI Members Reviewing Programs

Kelly Isaak of Illinois and Rita George of Montana are doing a review of sheep management software. Typically management software can do several or all the following tasks a) plan and time matings, b) track registration numbers, c) track weights, d) track vaccination and booster schedule, e) help with submission of registration forms, f) track genetic traits and behaviors of individual sheep and other tasks associated with data base program. Once the information is in the database, a shepherd could search for animals that require frequent dewormings or other traits for culling. All sorts of information can be noted and tracked and searched for. They are starting to look into programs such as EweByte and Flockmaster.

If you have software that you have tried and liked or disliked please contact either Kelly or Rita. They hope to do an article in the Katahdin Hairald later this year with the evaluation. Your help will make this project be successful and worthwhile for much of our membership. Contact Kelly Isaak at 9800 Huey Rd, Carlyle, IL 62231, 618-495-2938 lostcreek@netwitz.net or Rita George at HC 80, Box 33, Ismay, MT 59336, 406-772-5728 rgeorge@midrivers.com or Jim Morgan at KHSI Operations. khsint@earthlink.net

**Watch for
KHSI Meeting
Registration
Form in Next
Issue!**



Sprakers, NY 12166 / (518) 673-5859

Either “for shows”, or “for production”

By Carsten Pank

Even though most shepherds make an indirect decision, when they do not consider showing, the fact remains, that the very existence of the show ring requires every sheep breeder to make a fundamental choice – to show or not to show. For just one reason alone, NO sheep breeder can be successful without making this basic choice; to breed and feed either “for shows” or “for production” – simply because the large rumen bulge of an efficient and profitable forage converter is a detriment in the show ring. To have any chance at winning a ribbon in a major show, a sheep needs to be bred and fed to look like a carnivore.

Show-shepherds should buy seed stock from a “**for shows**” breeder , and shepherds should buy seed stock only from a “**for production**” breeder.

National Sheep Improvement Program Releases New Ewe Productivity Trait: Katahdins are the First Breed to Benefit

Jim Morgan, Data Coordinator for Katahdin NSIP Breeders' Group

The U.S. National Sheep Improvement Program (NSIP) is pleased to release new EPDs (expected progeny differences) for ewe productivity. Starting in 2004, Katahdin NSIP producers received EPDs for percent weaned and pounds lamb weaned per ewe lambing. These EPDs are used to identify ewes and rams that will have progeny superior at weaning increased pounds of lamb.

Currently, Katahdins are the only breed receiving this genetic evaluation in a cross-flock, nationwide evaluation in North America. In the future more breeds may receive it as well. These analyses include flocks from Canada and the USA.

Economic Importance of Ewe Productivity Trait - I queried Dr Charles Parker about the Ewe Productivity Trait. Dr Parker, Honorary Life Member of KHSI and Emeritus Professor and Department Chair of Animal Science at Ohio State University and Retired Director of the US Sheep Experiment Station wrote the following: "At this transitional stage of the U.S. sheep industry, there is no more important economic trait to the commercial sheep industry than - pounds of quality lamb marketed per ewe per year. Development of the NSIP - Ewe Productivity Trait based on pounds of lamb weaned is a major technological contribution for genetically improving meat production and profitability of sheep. Litter weight per ewe at weaning is a biological index

strongly affected by related reproductive and maternal attributes. Research studies at the U.S. Sheep Experiment Station, Dubois, ID, have shown that selecting for litter weight is associated and improves prolificacy (number of lambs born), percentage of lambs weaned, lamb weight, fertility and ewe viability. The same studies showed no genetic change for wool characteristics after twelve years of selection for litter weight at weaning. Optimal performance levels of the Ewe Productivity Trait reflect a genetic balance in harmony with production environment and management conditions."

"Success in the swine industry supports the sheep industry adopting a maternal productivity index. The Sow Productivity Index (number of live piglets born + litter weight at weaning) has contributed significantly to a 75% increase in pounds produced per sow per year in the U.S. swine industry since 1985. Today, SPI has become internationally recognized and successfully used as an economic production trait by all major breeds and swine breeding companies."

What information does the Ewe Productivity Trait (EPT) provide? Katahdin breeders receiving genetic evaluations from NSIP received two new analyses for their flocks in 2004. An EPD (expected progeny difference) for lbs lamb weaned/ewe lambing (called EPT or ewe productivity trait) and an EPD for percent weaned.

A major advantage of NSIP and cross-flock performance evaluation is that EPDs factors in the performance of relatives in multiple flocks. The goal for the Ewe Productivity Trait (EPT) is to identify and select genetics that repeatedly wean above average lbs lamb weaned/ewe lambing and to select against genetics that wean few or very small lambs. Coupling EPDs for a) lbs lamb weaned/ewe lambing, b) percent weaned and c) percent lamb crop, allows a shepherd to select the genetics for prolificacy, weaning and growth they need for their operation. Breeders can select for genetics that will increase the consistency of twinning, survival and growth. High nutrition systems will be most profitable with higher prolificacy. Most forage based systems (low grain) will want twinning genetics. All systems will be most profitable selecting for ewes that can and do raise their lambs (genetics for lamb survival). It doesn't matter what the growth potential or conformation of a lamb is, if the lamb is not weaned.

For more information on Katahdins in the National Sheep Improvement Program, contact Jim Morgan, 479-444-6075; jimm@earthlink.net 18235 Wildlife Rd, Fayetteville, AR 72701

The Katahdin NSIP Breeder's Group thanks and recognizes Bindu Vanimisetti, Professor David Notter and Larry Kuehn of Virginia Tech and the NSIP Genetic Evaluation Center for developing the Ewe Productivity Trait for the Katahdin NSIP Breeders.

Deadline for articles and ads for the next Katahdin Hairald is July 1st

Katahdin Calendar

June 11, 2005 SCKA Annual Meeting. South Central Katahdin Association Annual Meeting, June 11, 2005 in Atmore, AL at Joey & Rhonda Kelmers. Contact Mark Dennis for more information and if you have Katahdin sheep for sale, 337-364-0422 or denn907@bellsouth.net

June 18, 2005 - Scott County Hair Sheep Sale, Home Park, Gate City, Virginia. June 18, 2005. Commercial Katahdin ewe lambs from the members of the Scott County Hair Sheep Association. Contact David Redwine, DVM, sale chairman at 276-386-6101.

June 21, 2005 - MKHSA – Midwest Katahdin Hair Sheep Association Annual Meeting in Sedalia Missouri in conjunction with the Midwest Stud Ram Sale. The meeting is on Tuesday 6/21/05 from 6:00-9:00 PM at the Golden Corral in Sedalia, Missouri. There will also be a Katahdin Show and Sale on 6/20/05 and 6/22/05, respectively. MKHSA will host a FAMACHA training event during the event on 6/21/05 from 10:00-11:30 AM. See article in Winter 2005 Hairald.

June 21-23, 2005. Hair Sheep Workshop June 21-23, 2005 in Petersburg, Virginia. Two days of presentations; in-depth review of topics relevant to hair sheep production, update current research on hair sheep. Hosted by Dr Stephen Wildeus and Virginia State University. More information can be obtained from KHSI Operations or at the KHSI Website.

July 22-23, 2005. Katahdin Sheep Day and Sale, Van Wert, Ohio. Sponsored by Great Lakes Katahdin Association and Ron & Carla Young. See article in current Hairald.

September 15-17, 2005. Versailles, Kentucky. 20th Anniversary Celebration for Katahdin Hair Sheep International, Annual Meeting. Presentations. Workshops and Exhibition and Sale of Animals. For more details see articles in this issue of the Hairald or go to KHSI website for more information as it updates. www.khsi.org

September 30-October 1, 2005 - 2005 Sheep and Goat Day. Dale Bumpers Small Farm Research Center – USDA-ARS. Dr Joan Burke. Dr Burke has several research projects involving Katahdins and other breeds of Hair Sheep. South Logan County Fairgrounds in Booneville, Arkansas.

October 6-8, 2005. National Hair Sheep Symposium & Sale in San Angelo TX. Oct 6-8, 2005. Two days of presentations on hair sheep and a sale of hair sheep on the final day. Information about Sale – Contact Philip Glass of Texas, PO Box 218, Water Valley TX, 325-655-5318. dorper@wcc.net Philip will be developing a website with more information and consignment forms. It will be activated soon. www.sheepsale.net

Internal Parasites

An Opportunity for Katahdins

Jim Morgan, Fayetteville AR

*Author's note: Two other articles in this issue of the Katahdin Hairald discuss managing the barber pole worm (*Haemonchus contortus*). The article on "Worm Ranching" cites studies by Dr Ray Kaplan of University of Georgia Vet School on resistance of worms to anthelmintics. A safe conclusion is that anthelmintic resistance in *Haemonchus* is common if not universal among small ruminant flocks in the USA. The article by Barbara Pugh encourages Katahdin breeders to only deworm their lambs who need it.*

An opportunity exists for Katahdin breeders to identify sheep with superior genetics for parasite resistance. Most sheep flocks and goat herds in regions of North America with extended warm humid periods are rapidly increasing the proportion of barber pole worm populations that are resistant to all anthelmintics (dewormers). This is especially true for those breeds and species that are very susceptible to *Haemonchus*.

After watching 30-80% of their kid or lamb crop die when no effective dewormers are left, small ruminant producers will go out of business, drastically reduce animal density or their management system and/or buy sheep genetics that require little if any anthelmintics.

What breed will provide the sheep with genetics for internal parasite resistance? There are breeds out there that currently have superior resistance to gastrointestinal nematodes. These include Barbados Blackbelly, St Croix and Gulf Coast/Florida Natives. These breeds function well in certain production systems. We as Katahdin producers should be realistic and honest. Katahdins

are better than most breeds, but are not as resistant as the best Barbados Blackbelly, St Croix or Native genetics.

Most sheep production systems are still in the market for parasite resistant genetics. Will Katahdins be one of the meat breeds picked for the parasite resistant medium sized sheep? It will require a concerted, cooperative effort to identify superior Katahdin genetics.

Research at Virginia Tech, Louisiana State University and USDA-ARS (US Dept of Agriculture Agricultural Research Service) in Booneville, AR determined that Katahdins are better than most breeds at resisting worm infestation. Dr. Dave Notter of Virginia Tech stated in 2004 that Katahdins had a five year head start on other moderate framed maternal breeds in terms of parasite resistance. Do we take advantage of that head start? Do we start actively breeding for even more parasite resistance?

Effective marketing of parasite resistant sheep requires documentation. How many of you have bought ewes or rams from a supposedly parasite resistant flock? Did they do well in your flock? Did they pass on their resistance to worms to their offspring? In most cases, the safest assumption is that the lack of anthelmintic use is management and not genetic.

Common statements for many breeders declaring their animals have parasite resistance include the following. A) We only use dewormer on the lambs. B) I cull all ewes that require dewormer. C) Our flock hasn't had to use dewormer in four years. D) Our breeding ram never required dewormer. These statements typically indicate some level of

parasite resistance in the sheep, but more often indicate good management. With money and time, I can take any group of sheep and manage to not require deworming or manage to kill most of them with parasites, no matter their innate level of resistance. Management techniques drastically decrease the need for dewormer for any breed of sheep.

Breeders need to actively select breeding stock that is superior for parasite resistance. Lack of deworming is not a good criterion and in most situations has little meaning. Active selection of resistant Katahdins requires that the tested lambs be placed in a contaminated pasture that will kill at least 10-30-50% of the lambs if they are not dewormed. The greater the worm stress, the easier it is to identify superior worm-resistant genetics. Breeders must identify lambs with low fecal egg counts (FEC) and/or high red blood cell counts (not anemic) in pastures with high worm loads is required.

A group of Katahdin breeders in the National Sheep Improvement Program is participating in a multi-flock effort to identify sires that pass on worm-resistant genetics to their offspring. If the same sire or a sire and his sons are used in multiple flocks, Katahdin breeders will identify breeding rams that pass on parasite resistance. Breeding the offspring of two parasite resistant rams to each other will create some offspring which will express even greater parasite resistance. Over 5-10 years, Katahdin breeders will identify sires with superior parasite resistance. The result

CONTINUED ON PAGE 15

Old Habits are Hard to Break

Sheep Producer Ponders New Deworming Methods

Barbara Pugh, North Carolina

By the time you get this newsletter, the winter and spring-born lambs will be bouncing around the pasture, grazing - and getting wormy.

I am fighting the urge to go to battle on those little worms by picking up my automatic drencher filled with very expensive dewormer (the best money can buy) and saving all those lambs and ewes from *Haemonchus* and strongyles. That's what I've always done before, but I do believe some of those lambs from the past might have been brought down by friendly fire.

So I have a new strategic plan currently. I'm not going to deworm based on the old criteria I have practiced for years, but give some new "buzz words" a try. I'm learning about FAMACHA, hearing about "Smart Drenching", and what is "refugia".

I wonder how long it will take me to be comfortable with a new deworming program. Probably my sheep are much more able to handle the task than I.

To me it is still a bit shocking when someone asks "How long has it been since you dewormed your ewes?"

KHSI Supports American Sheep Industry 2005 National Convention

By Barbara Pugh, KHSI Secretary

The KHSI Board upon the recommendation of President Larry Weeks agreed to support the American Sheep Industry Association by making a financial contribution to the Association for their Annual Convention.

As the American Sheep Industry (ASI) is the voice for the USA's sheep industry, it was felt that supporting their efforts was a positive step for KHSI. Since the donation, members of the KHSI Board of Directors and Operations Office have been in contact with ASI staff and Executive Board on national issues related to health and scrapie, National Premise ID, promotion of the sheep industry, National Agriculture Statistical Service, pelt issues and sales.

With the three Katahdin producers, Bill Sparrow of North Carolina, Randy Jordan of Saskatchewan and Dr Javier Lara of Queretaro Mexico on the respective executive boards of their National Sheep Associations, Katahdins have national level input.

South Central Katahdin Association to Meet in Alabama

The 2005 SCKA Annual Meeting/Field Day/Sheep Sale will be held at Ricochet Farms near Atmore, AL on June 11. The Southcentral Katahdin Hair Sheep Association invites you to attend their annual meeting in Atmore, Alabama. Atmore is approximately 60 miles northeast of Mobile, AL and about 50 miles north-northwest of Pensacola, FL.

The meeting will be hosted by Ricochet farms and is owned and operated by Joey and Rhonda Kelmer of Atmore, Alabama, located on the Alabama - Florida state line. There will be presentations by Dr Cindy Brasfield, Federal USDA-APHIS Vet on scrapie and Ken Kelly Regional Extension agent for Livestock on forage production. This will be followed by Hair Coat Inspection training, hoof trimming demonstration and private treaty sales. Contact any of the following for more information or a map. Mark Dennis, (337)364-0422 denn907@bellsouth.net Frank Boggs frank_boggs@yahoo.com Joey & Rhonda Kelmer, Ricochetaussies@yahoo.com 251-446-7587 or go their website www.hair-sheep.com

INTERNAL PARASITES, CONTINUED FROM PAGE 14

will be a FEC-EPD (fecal egg count - expected progeny difference). Lambs or rams with good FEC-EPDs will have offspring with lower fecal egg counts and thus have superior parasite resistance. It won't be the breeder's word that this ram is superior, but the National Sheep Improvement

Program.

The opportunity for Katahdins to breed for superior parasite resistance exists. The Katahdin breed has a five year head start. Will we use the opportunity or lose it? The choice is ours.

A few flocks are starting their third year of data collection in

2005 for a FEC-EPD. Several flocks will be submitting their second year of data. Contact Jim Morgan, Katahdin NSIP Data Coordinator if you want to be involved. 18235 Wildlife Rd, Fayetteville, AR 72701, 479-444-6075 jlmm@earthlink.net

Welcome New Members – December 2004 through April 2005

Nina & Allen Tait.....	Alberta
Valerie Sharp.....	Ontario
Greg & Janie Dennis	Alabama
Pamela, Loriann & Monty Collins	California
Charles & Susan Ferguson	Georgia
Neil D & Linda M Haake	Illinois
Lee Ashton	Indiana
Darin Cox	Indiana
Larry & Tina Howard	Indiana
James R Johnson.....	Kentucky
Direanda & Roland J Lormand	Louisiana
Michael D Perry	Louisiana
Kevin Osborne.....	Maine
Mike & Carla Alley	Missouri
Charles H & Margaret L Higginbottom	Missouri
Martin N Kilmer.....	Missouri
Robert & Brunhilde Knapp.....	Missouri
Gordon Scott	Missouri
Randy & Melody Wehner	Missouri
Madison Sarratt	South Carolina
Donald & Sandra Ward	Tennessee
Clarence & Pansy Clopton	Texas
Ernest D Yates	Texas
Grace G Robelen	Virginia
Ruth Tipton.....	Virginia
Robert & Marta Brown.....	Washington
Susan Crocker.....	Washington
Lori Elliott.....	Washington
Katherine & Donald MacKenzie	Washington

Need a Few Good Men/Women

By Barbara Pugh, Secretary for the KHSI Board of Directors

Did you always want to be a leader in areas that were important to you? Well, we can satisfy your need - become a nominee for the Board of Directors of Katahdin Hair Sheep International.

If not a Board Member nominee, how about serving on one of our committees?

If you want to be a candidate for the Board, please contact Barbara Pugh, Nominations Chair; for committee service please contact Richard Gilbert, Breed Improvement Chair; Shepherd Education, Les Jordan & David Coplen, Co-chairs; Larry Weeks Promotions Chair; Laura Fortmeyer Chair for Showing Guidelines.

**Send address &
web corrections to
Khsint@earthlink.net
or P. O. Box 778
Fayetteville, AR
72702**

KHSI Former Member Survey Results

Naomi Hawkins, KHSI Board of Directors

In general, the returned surveys were positive about our Association and Katahdins. Only a few negative comments were returned. Basically half of those returning forms still had Katahdins and half did not. The majority of those who dispersed their Katahdin flock did so for reasons other than dissatisfaction with Katahdins. Sheep were dispersed for health, family, work, travel, and/or lost facilities or leases. Reasons for owning Katahdins but not belonging to KHSI were varied, but the most common response was that the shepherds were raising commercial Katahdins and not registering lambs.

Approximately 95% of the comments about Katahdins were outstanding and this coming from former members who no longer raise sheep!.

General Information

Forms sent out: 323 in USA (Survey in Canada still in the works)

Forms returned, no longer at address or not forwarded: 29

Forms returned: 58 or 20% of valid addresses

Responses

1) Do you currently have a Katahdin flock? yes 28 no 30

Purebred/registered: 465 sheep listed

a) flocks under 10 ewes: 13

b) flocks 10-25: 9

c) flocks 26-50: 2

d) flocks 200: 1

Commercial Hair Sheep: 1186 sheep listed

a) flocks under 10: 6

b) flocks 10-25: 3

c) flocks 26-50: 1

d) flocks 51-100: 2

e) flocks 101-200: 1

f) flocks 300-400: 2

2) Of those no longer raising sheep, the average years of flock ownership: 4.5 (1 to 12 years)

3) Reasons Cited for Dispersing Flock

a) Sold flock: 5 (no reasons cited)

b) Management miscellaneous: 3

c) management; shepherd time or health: 12 including health/age of the producer, time or travel

d) various market reasons (15) including no local breeding stock buyers or low auction prices

e) performance: 9; not big enough for processors, too much variability in breed

f) facilities or land: 6 – lost land or facilities

g) health/disease/parasites: 6

h) lack of education: 0

i) association dissatisfaction: 3

j) miscellaneous: 24 – including predators, government regulations, changed breeds or species,

4) Discontinued Membership, but still own Katahdins: 10 – the majority answered they went commercial, but single responses included dues & fees too high, no value to membership, no junior membership category membership

5) Opinion of Katahdins: 35 – Those traits with more than 1 or 2 responses included good temperament, easy keepers, no shedding, productive

6) Opinion of Association: 15 – Not many responses but several indicated the organization was very good or good or good people involved. There were two complaints about timeliness of the Registry.

7) Additional Comments – No common theme, but comments included too much emphasis on big sheep or crossing with Dorpers. A couple of responses indicated the need for low cost yearly membership fee or a low life-time membership fee.

Contact Naomi Hawkins at naomihawkins@hotmail.com or 1-937-839-1280 or 2397 SR 503 N, Lewisburg, OH 45338

KHSI Member's Guide

06/05

The Katahdin Hairald is the official publication of Katahdin Hair Sheep International, whose purposes are to:

- register individual Katahdin sheep and record performance
- maintain the distinct identity of the Katahdin breed
- assist in promotion and marketing
- encourage research and development related to the breed

2005 Board of Directors

President: Larry Weeks, lweeks@cfw.com, 540-943-2346, Virginia

Vice President: Richard Gilbert, gilbert@ohio.edu, 740-698-6042, Ohio

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Treasurer: David Coplen, David.Coplen@courts.mo.gov, 573-642-7746, Missouri

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Director: Les Jordan, lajordan@telapex.net, 601-684-1205, Mississippi

Honorary: Charles Brown, Piel Farm, cwbiii@localnet.com, 207-876-4430

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Canada Representative: Darlene Jordan, ran.dar@sasktel.net, 306-746-4361

Mexico Representative: Dr. Javier Lara, ranchoayj@yahoo.com.mx, 011-52-442-2450632 (home);
011-52-442-1730731 cell

KHSI Operations:

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

Phone and FAX: 479-444-8441; khsint@earthlink.net

- Contact Operations for the following:

- Request inspections before May 15
- Information packets sent to public
- Forms for: breed history, breed standards, membership, renewal, BLANK animal registration forms and instructions, other KHSI information
- Address changes or other corrections on printed list or Web
- Brochures (20 free per member per year; additional at cost) & promotional items
- Information on members with sheep for sale, anyone wanting to buy sheep
- Articles, ads, and comments to be published in the *Katahdin Hairald*
- Volunteer for KHSI Committees
- Annual meeting information

- Office Hours (Central time): Monday mornings 8-11 am, and Monday and Tuesday evenings 7-10 pm. Calls on other evenings after sunset or anytime on the weekends will be answered personally whenever possible.

- Answering machine, FAX and email: available for messages 24 hours per day.

KHSI Registry:

- Ed Martsof; 1039 Winrock Drive; Morrilton, AR 72110

Phone and FAX: 501-727-5659; edmartsof@lakewebs.net

- Contact the Registry for the following:

- All questions about registration, recording, transferring, upgrading procedures
- Send the following to the Registry:
 - > Completed membership and renewal applications
 - > Renewal and new membership dues
 - > Completed forms for registering, transferring, recording Katahdins

- Office Hours (Central time): Monday through Friday 9 am- 5pm. Answering machine and FAX accessible 24 hours.

KHSI Committees: (Call 479-444-8441 to volunteer!)

Breed Improvement, Shepherd Education, Promotions, Expo/Sale Committee

Classified Ads

In compliance with the KHSI Board of Directors' policy, sheep for sale advertised by members in the Hairald must be Katahdins or Katahdin crosses. Ads are free for current members. Guardian Animal Ads are \$5.00 for members. Sheep for sale may also be listed at the KHSI Website. Ads for the next issue are due July 1st to Operations, khsint@earthlink.net or PO Box 778, Fayetteville, AR 72702.

SHEEP WANTED

MISSISSIPPI

Meat Lambs. Nadeem Kased of Kased Brothers Halal Meat in Summit (near McComb), Mississippi needs lambs. His market is growing and he has requested from Katahdin breeders any market lambs they may have for sale. He pays a fair price and is a good man to work with. His facility is USDA certified and he is about 7 miles off I 55, approximately 110 miles north of New Orleans and 290 miles south of Memphis. His number is 601-684 0319 work and 601-684 9338 home.

Commercial Ewes. 200 Commercial Katahdin ewes bred to lamb in Fall 2005 or Spring 2006. Buy in groups of at least 30. Willing to travel east of the Rockies. Contact Caleb Smith at first2secede@yahoo.com Lumberton, MS 601-796-3524

VIRGINIA

QUALITY Registered Katahdin Ram. Will pay top dollar. Fall born, twin or triplet. Can be a lamb or under 3 years of age. DNA Scrapie Resistant tested RR at Codon 171. Can be any color. Must be well-muscled, long and strong in the loin, straight legged, good feet. From a parasite resistant flock that is not over dewormed. Yes, we are looking for a ram that can top our present line-up of quality rams and breeding program. Please be able to e-mail pics and provide production records on the ewe this ram is out of. Teresa

SHEEP WANTED

Glass - Glass View Farm - Natural Bridge Station, VA 540-291-1784 glassview@hotmail.com

KANSAS

Registered Ram or Ram Lamb. Polled ram lamb, multiple birth, to mature in 250 pound range, polled. Prefer some color. Contact Donald Remington. donaldremington@cs.com Email price and picture; cost and availability of delivery.

OKLAHOMA, EASTERN

Commercial Ewes. 10-20 commercial ewes. Contact Doug Bane of Sallisaw OK. 918-822-2905.

NEW MEXICO

25 commercial ewes. Contact Lester Buck of Maxwell New Mexico. 505-375-2387

SHEEP FOR SALE

ALABAMA

Registered QR Ram Lambs, Southern AL. Two nice QR (genetyped) ram lambs for sale, Jock is the sire (some Canadian bloodline) we are asking 400.00 each. ricochetaussies@yahoo.com call 251-446-7587, see at www.geocities.com/ricochet_farms. They may also be picked up June 11 at the SCKA meeting here (Ricochet Farms).

Registered Ram Lamb, Southern AL. QR gene typed 12-04 ram lamb. Asking 400.00. For pictures and more info call 251-446-7587, email sheepfarm@frontiernet.net see at www.geocities.com/

SHEEP FOR SALE

ricochet_farms. Available for pick up June 11 at the South Cental Katahdin Sheep meeting in Atmore, Alabama.

CALIFORNIA

Registered & Registerable Ewe Lambs, Northern CA. Spring ewe lambs ready to go to new homes. Also a few ram lambs and yearling ewes. All the sires & dams are registered. We have both White & Colored lambs currently available. Contact Dee & Viera Swearingen, 530-347-1923 dvs@shasta.com

Registered Katahdin Ram Lamb, Sale Pending. Registered January ram lamb, born a triplet, weaned at 60 lbs. \$150. Sire & Dam raised in Indiana Grazing Operation - unique genetics for the West Coast. Contact Jill Slawson, Bangor, CA 530 679 2719, cell- 530 755 7485 Critters@cncnet.com

Registered Ram and Ewe Lambs. Packages available: unrelated ram and ewes. Contact Hal Higgins, Oroville, CA 530-679-2128. HigginsHairSheep@yahoo.com

Registered Ram. California (Sacramento area) Young, proven ram. White, 100% purebred, twin birth. Nice ram, large frame. \$200. The Little Farm (916)992-1332, vmills@cwnet.com Virginia Mills

Registered Ram Lamb. White, big frame and muscular, good hair coat, twin birth. Sire was 2004 Oregon State Fair Reserve Champion Katahdin (second to

Classified Ads, continued

SHEEP FOR SALE

his 3/4 brother) Lamb available July 1. \$250 Contact Jane Sommers, Serpentine Farm 530-268-9004

ILLINOIS

Registered/Registerable Ram & Ewe Lambs. 15 January/February born ewe lambs in West-Central Illinois. 10 January/February born Ram lambs for sale. Only the top 10% of the Ram Lambs are kept for Sale as Breeding Stock. All registerable. Patrick and Lee Brokaw, pbbrokaw@hcil.net 309-924-1510

INDIANA

Registered Yearling Ram and Ram Lamb, South Central Indiana. Registered sire and best 2005 ram lamb. \$250. Photos available. tina@immersivelabs.com or (812) 876-5023. Larry & Tina Howard

KANSAS

QR Registered Ram, Central KS. 2003 born Registered Ram. White, good temperament. Tom & Virginia Street, Sedgewick KS, 316-796-9658

MAINE

Registered Ram & Commercial Ewe. Large, solid framed registered and commercial Katahdin ewe and ram lambs born February-March available for sale starting at \$200, pictures and records available upon request. SFCP. Bruce & Wendy Reinemann, Union, ME 04862 207-785-2978 reinemannbw@aol.com

MARYLAND

Registered Ram Lambs. Three exceptional January 2005 ram lambs for sale. All are twin

SHEEP FOR SALE

births, large and muscular. \$350 Please call or email for photos or additional information. Linda OBrien Mill Branch Farm, Huntingtown, Md 301-855 0716, lmobrien@earthlink.net

Registered Ewe and Ram Lambs. Born November 04 to April 05. 20 Ewe Lambs. Selling the top 4 of 37 ram lambs. Lambs of two different sires. Contact Herb and Laura Gorin 410-822-3761 herbgorin@direcway.com

MISSOURI

Commercial Ewes, South Central MO. 30 Ewes, one to five years old, \$175/each. 15 Ewe Lambs, born November to February, \$150/each. Central Missouri. Contact Tim Clink, Home 573-584-9606, Cell 573-291-7460, or clink_debra@hotmail.com

Registered Ewes, Mature Ram and Yearling Rams. Three registered ewes and 5 yearling rams, One commercial yearling ram. Mature registered brown ram genotyped QR. Need to change some bloodlines. Asking \$275 for the ewes and \$175 for the rams. Sam & Amy Niederhelm, Windy Acres Katahdins, MO. windyacraskatahdins@yahoo.com or 660-489-2301. Pictures available upon request.

Katahdin Breeding Stock, Eastern MO. Proven ewes. Wonderful ram lambs. 45 Mins southwest of St Louis near Washington Missouri. Ewes \$200-\$350. Some bred. Ram Lambs \$150-\$250. alley@yhti.net or by phone 636 583 2536 or 314 578 7303

Registered 2 year old QR ram, South Central MO. SFCP. Dor-

SHEEP FOR SALE

per influence, sheds in summer, straight legs and meaty. BGK154, KHSI registry #036824. \$250. Located in South Central Missouri 417-962-3503. See photos at <http://deerrun.photosite.com/tuck-deerrun@fidnet.com>

Registered 2 year old RR Ram. Certified RR at codon 171. Some Dorper ancestry, black with white socks on back legs. BGK145, KHSI Registry # 036825. \$400. Near West Plains. (417) 255-0424. See photos at <http://deerrun.photosite.com/tuck-deerrun@fidnet.com>

OREGON

Registered Ram Lamb. Quality registered white ram lamb, 7 months old, beautiful hair coat, great conformation and growth record. Can send pictures. \$225. 503-266-6702, Karen Kenagy, Canby Oregon kfoxtrottr@hotmail.com

PENNSYLVANIA

RR Registered Ram. Certified RR at codon 171. Twin, solid white. DOB Feb 2005. \$450 Contact Cadie Pruss, Ewe Win Farm, Lewistown, PA (717) 242-4154 or acadia@lcworkshop.com

RR Registered Ewe & Ewe Lamb. Certified RR at codon 171. 1) Solid white, twin March 04 ewe produced a lamb this year. Solid white, twin, Feb 05 ewe lamb for sale. \$400.00 each. Contact Cadie Pruss, Ewe Win Farm, Lewistown, PA (717) 242-4154 or acadia@lcworkshop.com

TENNESSEE

Registered Ram Lambs, Middle TN. 20+ registered ram lambs for sale. Born Feb-Mar. All colors.

Classified Ads, continued

SHEEP FOR SALE

Two sires. Genotype on request. John and Deborah Mays. Chiggerridge Ranch. 1040 Freeman Loop, Cumberland Furnace, TN. 37051. Phone 615-219-3204. e-mail info@chiggerridge.net Web site- www.chiggerridge.net/.

Registered & Commercial Katahdin Ewes & Ewe Lambs, Western TN. Older ewes are proven mothers. Lambs born 2005. Contact Loretta or Tom Kenny 731-243-3190 lorettakenny@peoplestel.net

Registerable Ewe and Ram Lambs, South Central TN. Excellent bloodlines. Twin or triplet born, great hair coats, Jan & Feb born - (all born without assistant). Sire over 250 lbs. Asking \$175.00 to \$200.00. Call (615) 790-9395 or email penelope372@yahoo.com Edy Johnston, South of Nashville

Registered or Registerable Rams For Sale. Three 2005 ram lambs ready for pick up May 1. Yearling 2004 ram lamb, a proven breeder. 2001 ram a very good breeder for sale or will trade for one good registered ram lamb SFCP. \$150-\$200. Need new blood for my small flock in West Tennessee. Mark & Ramona O'Guin. birdsonghill@prodigy.net 901-465-8631 Hickory With TN

TEXAS

Registered Ram Lambs, Central Texas. white ram lambs born in mid February Out of my Goliath bred ram. All registered stock. Call or email Gaylin Ratliff for price. ratliffpvf@pgrb.com 325-646-4683 Pictures are available upon request.

SHEEP FOR SALE

Registered & Grade Katahdin Ewes. 52 Registered Katahdin Ewes. 8 Polypay x Katahdin ewes, \$250/ewe if sold in groups of five or more. \$300/ewe for smaller groups. Majority of ewes are 3 years old. RoJo Ranch. Contact Robert Elliott. rancherob@aol.com 979-567-9895, Caldwell TX

Registered Rams. Two QR ram lambs. \$350 each. Ram lambs selected from a large 400 ewe Katahdin flock. RoJo Ranch. Contact Robert Elliott. rancherob@aol.com 979-567-9895, Caldwell TX

Commercial Ewe Lambs, NE Texas. 25 ewe lambs. \$150.00 each. Located in Northeast Texas. Available July 2005 (3.5 months old). Lynn Magedson mail@goodearthorganicfarm.com or 903-496-2070

Commercial Ewes & Ewe Lambs. 100 two-three year old ewes. 75 Dec-Jan Ewe Lambs. Fortmeyer genetics. Contact Jaime Tames of Austin TX. 512-636-3411; 512-237-3920

VERMONT

Registered & Commercial Breeding Stock. Ewes, Ewe Lambs & Ram. 2-3 Large, productive, well muscled commercial Katahdin/White Dorper ewes. 10-12 Registered or recordable April born ewe lambs available at weaning, depending on quality. 50% Recorded, large framed, full shedding 2 year old ram, QR at 171. \$200 and up. Breeder Page at KHSI Website. SFCP 5/03. Kenyon Hill Farm, Jeff White, N. Pomfret, Vermont, 802-295-3211,

SHEEP FOR SALE

postwhit@sover.net

VIRGINIA

Registered Ewe Lambs. Dry Spring = No Grass - We are selling 90% of our 2005 ewe lambs, born Feb/March. Approximately 60 Quality ewe lambs sired by four different Quality rams. These lambs are weaned, vaccinated with CD&T, dewormed, and put on feed & hay due to the lack of grass. \$225/ea Teresa Glass - Glass View Farm - Natural Bridge Station, VA 540-291-1784 glassview@hotmail.com

Feeder Lambs. Dry Spring - No Grass. Wether lambs will be available at the farm. Teresa Glass - Glass View Farm - Natural Bridge Station, VA 540-291-1784 glassview@hotmail.com

WASHINGTON

Ram & Ewe Lambs, N. Central Washington. March, April and May lambs. 2 March ram lambs, pinto & tri-speckled, twin births. Gorgeous dark espresso solid colored ram lamb and ewe w/wht star on face and white socks twins. Ram lamb, milk chocolate colored born in May. Rams \$165.00 and ewes \$135.00 Parents on site both from multiple births. Contact Bob or Marta Brown, Dancing Pines Ranch (509) 486-8401 or email Dpranch@direcway.com

Registerable Ewe Lambs. Two October born ewe lambs for sale. \$125 ea. Cathlamet, Washington. (20 miles west of Longview). Contact Jean at utterconfusion@addressisp.com or (360) 849-4395

Registered Ram & Ewe Lambs. 2005 Lamb crop available for

Classified Ads, continued

SHEEP FOR SALE

sale. Contact Katherine & Don MacKenzie. Overlake Farms, Omak WA. katie@pctelecom.us 509-826-3359

WISCONSIN

Registered Solid Red Ram. 27 months old. Polled, proven sire and grandsire of color and multiples (he was a twin). Polled, two years old, sire and grandsire of fast-growing solid color, white, spots, and multiples (he was a twin). \$350. We have used him for two seasons and need to change rams. Peg Haese, PNP Katahdins, Shullsburg, WI. kb9lie@yahoo.com or 608-965-3666

FOR SALE - GUARDIAN ANIMALS

Guardian Dogs, SE KS. Down sizing. 1) Anatolian Shepherd pups raised with sheep and goats \$100.00 each. 2) Adult ¼ Akbash, ¾ Anatolian \$400. 3) Two Anatolian Shepherd Adults. \$300 for the male and \$200 for the Female. Contact Fred Wheat, Parsons, KS 620-421-0691 evenings.

Pyrenees Pups. Born 02-09-05 From working parents. Located in Texas, can ship. www.goodearthorganicfarm.com Lynn Magedson 903-496-2070, mail@goodearthorganicfarm.com

Anatolian/Pyrenees cross Pups born in April. www.goodearthorganicfarm.com Lynn Magedson 903-496-2070, mail@goodearthorganicfarm.com

**Please check
that your
listing is
correct in
the enclosed
2005
Membership
List**

**If corrections
are needed,
please email to:
khsint@earthlink.net
or call 479-444-8441.**

Operations Notes

Jim Morgan and Teresa Maurer

Inspection Requests: If you need a sheep inspection, please contact Operations ASAP at 479-444-8441 to make sure you have the best chance of getting your inspection done this summer. This also may help reduce costs if we can include your inspection with that needed by another breeder. If you are a currently certified inspector, you must set up inspections through Operations unless they are your own sheep. So, if you receive a request directly from another breeder, you or the breeder must inform Operations before the inspection takes place.

Important Newsletter Deadline: The summer newsletter

deadline for ads, articles, etc is firmly set at July 1. We must keep to this schedule in order to be sure that info and registration forms for the expo and gathering in Kentucky (Sept 15-17) arrives in a timely way to all KHSI members.

Sheep Entry Info for Expo-Special Mailing: Remember that you need to be collecting info now to have your sheep as part of the Expo and Sale in Kentucky. Watch your mailbox for a special mailing of entry forms for your sheep.

Plan Ahead for KHSI Items for Events: If you have a statewide or regional event where you'd like to promote Katahdins and KHSI, please contact Operations at least

one month in advance. We can let you know about availability of materials or banner.

Latest Membership List Enclosed: The latest printed list of 2005 KHSI members is enclosed. If you did not receive a list with this issue, please call Operations at 479-444-8441. We continually update the list on the Web, so that also reflects member status.

Membership Forms in Last Issue: We included updated KHSI membership forms in the last Hairald issue so that you could copy them and give them to your customers. This is a great way to grow KHSI! You can also download these forms from the Web, or ask us to send you more.