



A quarterly news magazine published by the Hoof Trimmers Association, Inc.

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2022 HOOF HEALTH CONFERENCE

SPECIAL EDITION
★ ★ ★

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Spring 2022
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HOOF HEALTH CONNECTION



Published quarterly by the Hoof Trimmers Association, Inc.

HTA Objective: To provide educational opportunities and mutual support for hoof trimmers and promote quality hoof trimming.

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President's Message

Hard Decisions

The Hoof Trimmers' Association board has been actively trying to strengthen our group and our affiliations with vendors and those who support our association.

In October, it has been traditional for the HTA to have a booth at World Dairy Expo in Madison, Wisconsin. Due to the continued cost increases at WDE and the lack of return on investment in the past, we chose not to continue being a booth holder at WDE for now. Granted, we gave up some exposure at the big show, but the lack of memberships generated were almost non-existent. We did give out a lot of candy to the school children walking through and met a few international guests, but not much return on the money spent. When our association is running at a deficit, we need to cut expenses where we can and that is one area we thought we needed to tighten down. We did have our in-person board meeting in Madison. Our goal was to have our meeting, get to know the new board members a little better, and visit current and possible new sponsors/vendors for our organization. We helped sponsor and attended a get-together meal for our sponsors and members who were present in Madison. That was a great event; we expected around 20 people and 48 attended. Thanks to Skip Blake and Brad Ingram for putting that together, as well as all those who contributed to make the evening a success.

We also made the same decision about World Ag Expo in Tulare, California. We had a booth there for several years and saw almost no new memberships developed from those expenses. Again, we gave out a bunch of candy to the public, but we had little to no return on the cost of the booth and travel or shipping of materials. We also used the same members to man the booth, due to lack of volunteers in the area. Mike Wallen and Richard Weingart manned the booth for years. Thanks, guys, for your dedication.

We also had to make some hard decisions and adjustments as far as conferences go. In 2019 when COVID hit we were four months away from a conference that was fully planned. A down payment was made on the conference center in Ohio, commitments from speakers, as well as food and entertainment, transportation and off-site venues. In May we made the difficult decision to cancel the conference. Continuing with the conference plan, we stood to lose enough money to bankrupt the HTA. Financially, this was an easy decision to make, but it was hard to pull the plug on so much work.

After a couple of months figuring out how to proceed, we had an offer from then board member, Richard West, that got the 2021 conference plans rolling again. He and his wife offered to donate the use of a venue that was mostly outside at their home in the heart of Amish country in Ohio. They had purchased the property a few years before. It had a barn on it that had been used as a wedding venue. Our members are comfortable being in a barn, so it was a perfect fit. With COVID regulations looming over head it seemed as though we had few other choices, and we had an offer that was a great alternative to our normal conference center atmosphere. We had a good turnout for the conference considering our Canadian friends couldn't cross the boarder, and I think everyone who attended drove and didn't fly. About half of our speakers were remote, and even our president Phillip Spence ran the meeting via zoom. There were some technical glitches and time zone



Mark Burwell

confusion, but those in attendance seemed to enjoy themselves and learn a little. The food was great, and the comradery was even better. All in all, it was a successful conference. HTA made a little on the conference, and we were able to meet again in the COVID world we find ourselves in. The membership voted to change a few bylaws to fit our current operating situation, and we nominated and voted in a new board of directors. Since the board of directors voted to reinstate the Trimmers Assistance Program or (TAP), our membership voted to reroute the proceeds from the auction to fund TAP for the next few years.

The HTA runs on funds that come from membership dues, conferences and income generated by past investments in our reserve fund. Thanks to our forward-thinking founders, we have a good reserve fund that has helped us pay our bills when income has been lower than needed. However, if we keep using our reserve fund to pay bills, that will be gone, and we have no future.

Hard decisions are ahead for the HTA. We have no choice but to get our membership numbers up. When I was on the board several years ago, we had approximately 450 members. We estimated around 5000 trimmers in North America both in house

and professional. Our membership totaled less than 10 % of US trimmers at that time. Since the beginning of COVID, our membership has fallen to less than 200 members. Let's say our previous estimates were off by 1000 trimmers and there are 4000 total in North America. Even with this revision of total trimmer figures, we are now below 5% of the trimmers in North America as members. We have to change our mode of operations in order to stay solvent. We must add value relevant to potential member and become better at recruiting and maintaining members.

We have plans in place to add value and help the bottom line. Some take time to put in place, but plans are underway. When value is present, they will come. HTA is a valuable organization, and we all need to do a better job of communicating that.

Currently, we have been having a conference every 18 months with the summer conferences in the north and the winter conferences being in the south. Our bylaws are written to have an election every 18 months and both have fit together well. We have talked about moving our bigger full conferences to every 24 months and have mini 1-day workshops throughout Canada and the US. The goal would be to attract younger members who can't afford time away from their business or the travel expense to go to a full conference. These mini workshops would be spread out mainly in the areas where higher cow populations are.

There are a couple of obstacles in the way with this approach that I can think of. First, we would be asking our board of directors to have 2 year terms, which is a long time. The president elect and treasurer would be on the board for 4 straight years, possibly longer, since both are 2 term positions. I just finished a two-year president elect term due to COVID, and others on the board had been on longer than me. Believe me, that is a long time to be on our board. 2) Every other year we would be in conflict with the Wisconsin Getaway, which is usually held in the winter. We are a different organization than the Getaway, but we don't want to compete with a regional event if it can be avoided, since a lot of the same people would be involved in both. This is why we didn't start the mini workshops this year – there would be a short turn around between conferences and February seemed to be when we should do one. Wisconsin getaway is in February.

Our next conference is scheduled for July 28-30, 2022, in Minneapolis, Minnesota. The following week is the Lameness in Ruminants Conference in the same hotel. We hope you can join us and then stick around for the symposium this summer.

As always, we as the board of directors are looking for your feedback on recruiting new members, as well as making our organization more valuable to you and fellow hoof trimmers. Pick up the phone and give one of us a call. Each board member has their contact information listed on the inside cover of the newsletter.

When value is present, they will come!



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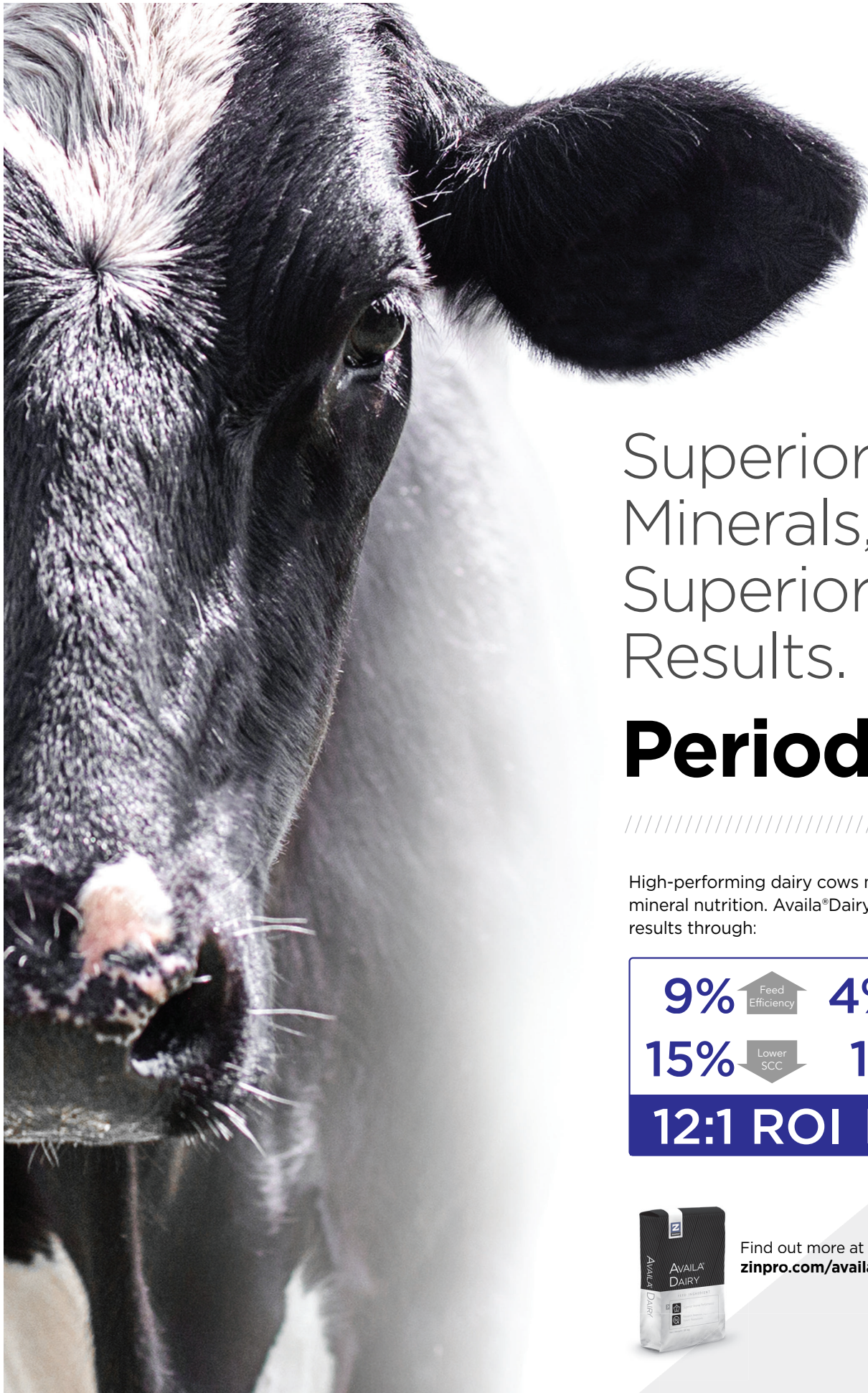
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Vettec Supports Hoof Trimmers and Dairy Industry

by Brad Ingram, Account Manager, Vettec Animal Health

Vettec has been a proud sponsor and supporter of the Hoof Trimmers Association and the dairy industry for many years. The shared goal of the organization, its members and Vettec is to ensure every animal is as comfortable and healthy as possible. As a supplier, Vettec is committed to the needs of the trimmer, as well as the animals. The hoof trimmers, as a group, are dedicated to this goal and are always willing to sharpen their skills when presented an opportunity.

As a supplier in this industry, Vettec strives to provide the highest level of customer support for the hoof trimmers. An essential part of this support is the sharing of knowledge, and networking with the trimmers to gain a better understanding of what products help them achieve the best outcome in their work.



last 2 to 3 days and are organized by Vettec. The curriculum has been developed by Aaron, applying a method referred to as The Balance Method. The clinics include an introduction of this method, open discussion time, and a combination of classroom and wet lab. These clinics provide an opportunity to share knowledge and techniques among trimmers; ultimately adding proficiency to individual dairies.

The clinics typically host anywhere from 8 to 20 trimmers and vets. Always receiving great reviews, attendees indicate they thoroughly enjoy the clinic, and the networking opportunity. Vettec is honored to be a part of these important educational clinics; giving back to an industry that has supported them.

Vettec

ANIMAL HEALTH

Vettec has partnered with Aaron Lavoy, from Midwestern Hoof Trimming School to host clinics in different geographical areas of the United States. In the future, the intent is to include Canada in these scheduled events. The clinics typically



Midwestern
Hoof Trimming School

This is one more way the company adds value to the products they supply.

Getting Into the Mind of a Cow

by Steve Wunderlich

Some people say that cows are not very smart... but let's step back a second and see why cows do some of the things that they do to earn this reputation. Cattle are creatures of habit. When we, as trimmers, ask a cow to move into a single file lane, or into a pen that we construct with our gates, the cows know from the minute something different or someone new is in the barn that they are to be on high alert. With that being said, there are many things that I do personally, and farmers do as well, to try and help minimize some of the upset.

I choose to use fiberglass gates. Not only are the gates very

some form of lime are great for keeping cows on their feet.

Back to the original topic of this article, are cattle stupid?... or is it that the cows are put into an environment that we as humans have control over? Have you ever watched a cow or a group of cows that were on slippery concrete and then stepped onto a bedded pack or a pen with a lot of sawdust? What usually happens is, the cow takes 2 steps, she then realizes that she is not going to slip as she knew she could on the concrete. The cow at this point jumps and bucks and races a little. This happens for once major reason... confidence. Yes, the cow appears happy, but she is CONFIDENT!



strong... but they are QUIET! Metal clanging and banging are a disturbance to most cattle, especially if they are within those gates. I also use sawdust to help cut down on some of the noise, but mostly to keep cows from slipping and to keep the feet as clean as I can.

Now that we are onto the topic of slipping... this is one of the largest disturbances to cattle. When a cow slips or scrambles, she instantly gets nervous. From this point, cattle get scared. When one cow gets scared, the rest of the cows get scared, and this will be a vicious cycle until the slipping is stopped. Properly milled or grooved floors with sawdust and

Cows follow cows...I'll elaborate. When we set up gates to form a lane into our trim chute, the lane not only acts as a one-way highway into our chute, but it keeps cows calmer... cows want to follow other cows. When we fill the lane the first cow should be the only time in our set ups that a cow cannot follow another cow until the job is done. The first cow I like to call the PRIME cow. When the first cow leaves my chute after being trimmed, and I open the loading gates, the second cow is meant to follow the first cow leaving the chute, meanwhile the other cows in the lane can watch her and shuffle forward within the lane. Once this happens

OmniEye Looks to Go International

by *Shawn McAvinue*

Dunedin agritech company OmniEye is set for a big year and is aiming to go international.

OmniEye co-founder and chief executive Greg Peyroux said he and Benoit Auvray used their expertise in machine learning, artificial intelligence and software design to create facial recognition technology for sheep in 2019 but the market was not ready for it.

To find a ready market, Mr Peyroux spent lockdown in 2020 making hundreds of calls to farmers asking about industry issues so artificial intelligence technology could be developed to address it.

“Lameness in cattle was the clear winner ... once we got our teeth into lameness being a massive issue, there was no looking back.”

The OmniEye locomotion camera was created and installed as a pilot on Pamu Landsdown dairy farm in Romahapa, about 10km south of Balclutha, about 18 months ago.

The technology scans the 650 Kiwi Cross cows as they leave the milking platform on the 320ha farm.

The camera maps 27,000 data points across every cow each time it leaves the milking shed twice a day.

The real-time data is available on a computer for the farmer to make decisions by detecting lameness early, giving them the ability to draft them off and treat them, which reduces costs and improve production.

The technology uses lameness scoring designed by DairyNZ, ranking lameness by inspecting a cow’s walking speed, stride, weight bearing, backline and head position.

The technology deciphers the natural “gait” of each cow, so if it had a naturally strange walk, it would not be incorrectly identified as lame.

“The camera can pick that up much better than a human can.”

The technology was on 11 dairy farms in New Zealand, mostly in Canterbury, and the number was set to grow this year.

Although the technology had the potential to map beef cattle, horses, goats and sheep, the focus would remain on dairy cows because it was the biggest market.

OmniEye board chairman Colin Brown, of Mosgiel, joined the OmniEye board in July last year to gear up the company for further growth.

He founded TracMap and grew it to become one of the country’s largest agricultural GPS businesses, before taking it offshore.

The appeal of OmniEye was unique technology solving a major problem.

“You’ve got a solution and you’ve got a commercial market.”

Board members were recruited to “flesh out the knowledge base around the table”.

The technology was priced to make economic sense for farmers to use it.

The aim this year was to find solutions for any “teething problems” and then scale up the operation.

One of the first steps the company would make this year would having OmniEye being an “incredibly valuable management tool” to be able to detect lameness, body condition scores and broken tails of cows on dairy farms across New Zealand.

“Step two is to take it international.”

OmniEye plans to introduce the technology to Australia and the United States dairy industries this year, he said.

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The Voice, The Resource, The Network

Who Is Northeast Dairy Producers Association?

Cows need a solid support systems of sound feet and legs to lead a healthy and productive life in the dairy herd. Similarly, dairy farms need support from their neighbors, consultants, industry professionals, and lawmakers to run a profitable family business with healthy cows, reliable and skilled employees, and high-quality milk. The Northeast Dairy Producers Association (NEDPA) is an organization of farms, agribusinesses and industry partners dedicated to maintaining an economically viable dairy industry and serving as a unified voice on the issues. NEDPA's contracts with lobbyist Rick Zimmerman and public relations firm Corning Place Communications have further amplified our voice and helped establish NEDPA as the "go to" resource for dairy in the Northeast. While not every dairy farm is a member, NEDPA works on behalf of the dairy industry as a whole.

NEDPA Priorities

NEDPA's strength and effectiveness grows with every member. From our farm members to Affiliates and Associates, our membership helps to shape the priorities and actions of the organization.

In 1993, NEDPA was founded to serve as a voice for dairy farms on CAFO permits and environmental issues. Almost 30 years later, environmental stewardship and water quality remain top



priorities, yet the list of priorities has expanded extensively. Other current priority areas include farm labor/immigration, farm safety, public perception of the industry, animal well-being, crisis management, and providing guidance and resources to our members.

Our Farm Members, Your Customers:

NEDPA is driven by a diverse dairy farmer Board of Directors from across New York State. NEDPA farm members represent over 216,000 cows and account for about half of the milk produced in New York State. As a hoof trimmer, you service these dairy farms as your livelihood and for your passion for healthy cows.

Dairy farms are economic drivers in their communities and patronize countless businesses and vendors daily. NEDPA's advocacy efforts to influence policy, laws and regulations that impact dairy farms will ultimately impact the profitability of their businesses and their vendors...like YOU!

In This Together

NEDPA serves as the voice, the resource, and the network for progressive dairy farms in the Northeast. In addition to our producer members, NEDPA's Affiliate and Associate members are agri-businesses and industry professionals that work closely with dairy farms and support NEDPA's mission:

"The Northeast Dairy Producers Association is an organization of dairy producers and industry partners committed to an economically viable, consumer-conscious dairy industry dedicated to the care and well-being of our communities, our environment, our employees and our cows."

A NEDPA membership indicates to your customers that you support unified efforts to maintain a viable dairy industry for generations to come. One of our Associates and fellow hoof trimmer, Zane Hendrickson, shared the value of his NEDPA membership:

“Being a part of NEDPA is about supporting a community that you’re in. Everyone in the dairy industry is in it together. Servicing dairy farms is our livelihood as hoof trimmers. The more we can do to strengthen the dairy community the better we as an industry are as a whole” - Zane Hendrickson, Hendrickson’s Hooftrimming, Inc.



If you are interested in learning more about joining NEDPA, contact Alyssa Kealy, Director of Member Services and Industry Relations at alyssa@nedpa.org or 315-523-4223 and visit the website <https://www.nedpa.org/>.



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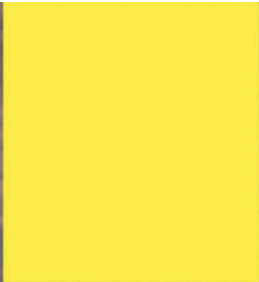


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The Hoof Trimmers Association is proud to announce one of the keynote speakers at the 2022 Hoof Health Conference will be Temple Grandin.

Temple Grandin is a professor of animal science at Colorado State University. When she was two and a half years old, she had no speech and all the symptoms of severe autism. Early intensive speech therapy enabled her to speak by age four. Her mother always encouraged her interest in art and urged her to draw many different things. Good teachers and mentors were essential for Temple's success. Her high school science teacher challenged her with interesting projects where she had to figure out how to make things work. When studying in school became a pathway to becoming a scientist, she was motivated to study.

An HBO movie titled Temple Grandin was made about her life and Temple was inducted into The National Women's Hall of Fame and The Academy of Arts and Sciences. Facilities she has designed handle over half the cattle in the U.S. Some of her most important books are New York Times Bestseller *Animals in Translation*, *Thinking in Pictures*, *The Autistic Brain*, and *The Way I See It*. Riding horses and caring for them helped her get through difficult teenage years when she was bullied and teased.

2022 Hoof Health Conference Registration

Registration Options

All-In- One

- **Member Trimmer Full Conference: \$595 (\$500 by 5/31)**
All conference events. Excludes Off-Site and Thursday special Aaron Lavoy seminar.
- **Non-Member Trimmer Full Conference: \$720 (\$625 by 5/31)**
All conference events. Excludes Off-Site and Thursday special Aaron Lavoy seminar.
- **Family Member Full Registration: \$250**
All conference social events. Excludes Off-Site.
- **Additional Vendor/Sponsor Registration: \$425**
All conference social events and Trade Show. Excludes Off-Site.

a la Carte

- **Member Sessions: \$300 (\$250 by 5/31)**
 - Thursday Breakfast: \$37
 - Thursday Lunch: \$60
 - Thursday Dinner & Entertainment: \$90
 - Friday Breakfast: \$37
 - Friday Lunch: \$60
 - Friday Vendor Reception: \$10
 - Friday Dinner & Auction: \$90
 - Saturday Trim Day: \$35
- **Non-Member Sessions: \$425 (\$375 by 5/31)**
 - Thursday Breakfast: \$37
 - Thursday Lunch: \$60
 - Thursday Dinner & Entertainment: \$90
 - Friday Breakfast: \$37
 - Friday Lunch: \$60
 - Friday Vendor Reception: \$10
 - Friday Dinner & Auction: \$90
 - Saturday Trim Day: \$35
- **Post-Con Off-Site: \$80 member/\$90 non-member**
 - VIP Tour & Race from Winner's Circle: \$20
- **Afternoon with Aaron Lavoy: \$100**
limited to only 25 registrants

Register Now

Payment Information

Register online at <https://HoofTrimmers.org>

OR email registration form to jolie@hooftrimmers.org

OR, mail registration and form to Hoof Trimmers Association, 5014 FM 1500, Paris, TX 75460



Temple Grandin

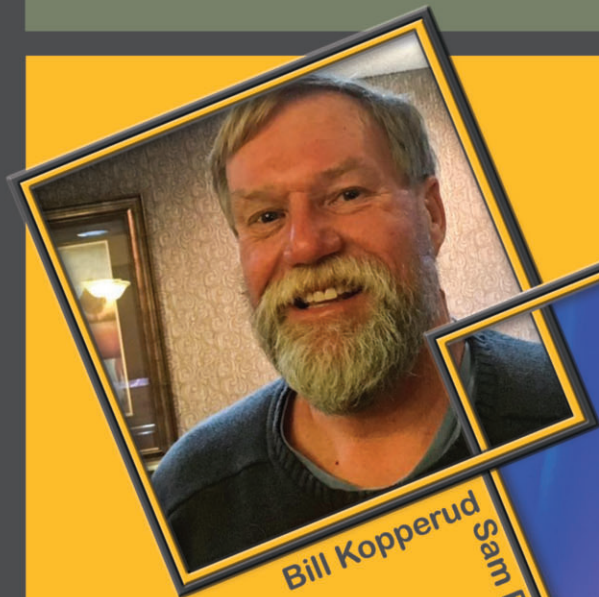
In my animal behavior talks, I explain to people that animals live in a sensory-based world. Things cows are afraid of are often associated with something the animal was either seeing or hearing when the frightening or painful experience occurred. A basic principle is that when a new thing, such as a hoof trimming chute, is first introduced, it is essential to introduce it quietly. Animals do not forget bad first experiences with new people, new equipment or new places. You may like to read my book, *Animals in Translation*.



Appleton Steel

Experts from Appleton and Tuffy address how to get the longest life from your chute: maintenance. This is a can't miss session for anyone who uses a chute in their trimming business.

Tuffy Tilt Tables



Bill Kopperud



Sam Burwell

What is the best plan to address Digital Dermatitis? And how can you best deliver cost effective treatment options to your clients?

The short answer?
MIX YOUR OWN!

Bill and Sam make science meet application in this exciting new session.

Right & Wrong about Chutes on the Road

Officer Jessica Hukill, MN State Patrol discusses the safety and legality of chutes on the road. While Officer Hukill is with the State of Minnesota, these protocols apply nearly everywhere.



Corkscrews and Rolled Toes

Aaron, as well as being a hoof trimmer, operates Mid-Western Hoof Trimming School where he instructs current and future hoof trimmers in the Balance Method.

In this session Aaron shares his expertise in causes and management of corkscrews and rolled toes - significant causes of lameness in dairy cows.



Veterinarian and clinical anatomist with a passion for teaching and lameness research Christoph Mülling works mainly in the areas of pathogenesis, and pathomechanisms of diseases of the bovine foot and biometrics and analysis of locomotion in cattle; and research in veterinary education.





“Hoof Trimming is an important benefit to both cows and farmer, because not only will over grown feet evolve into more complicated conditions and cause distress and discomfort to the animal, but can financially cost the farmer in lost milk production and cow fertility problems.” MacRoberts Bros Hooftrimming.

Join William MacRoberts as he discusses trimming from his unique perspective developed from years of trimming throughout Ireland and his valuable insight into business diversity and multiple chute operations.



You probably know these trimmers, at least one of them, probably all. Combined, they have nearly 75 years of experience trimming. But their experiences are spread across the northern US, ranging from Vermont to Wisconsin.

Benefit from their experience as they team up in a panel discussion of gates, chute setup, and maximum efficiency for clowflow.

If you are a trimmer, now matter how many years you’ve been in the business, there are always opportunities to make your workflow easier - on you and the cows.



Join this panel discussion with your own questions and insights. Steve Wunderlich will moderate the discussion.





THURSDAY NIGHT ENTERTAINMENT
SATURDAY POSTIC CON OFF-SITE

Product Shortages & Price Increases

Wendy Rahn, Hoof & Dairy Sales, Leedstone, Inc.

As the world heads into this new year, we are met with new and greater challenges for solutions in hoof trimming, agriculture, beef and dairy, and nearly every other industry out there.

Some of these challenges include shortages of raw ingredients, a lack of employees, product shortages, price increases, and shipping delays.

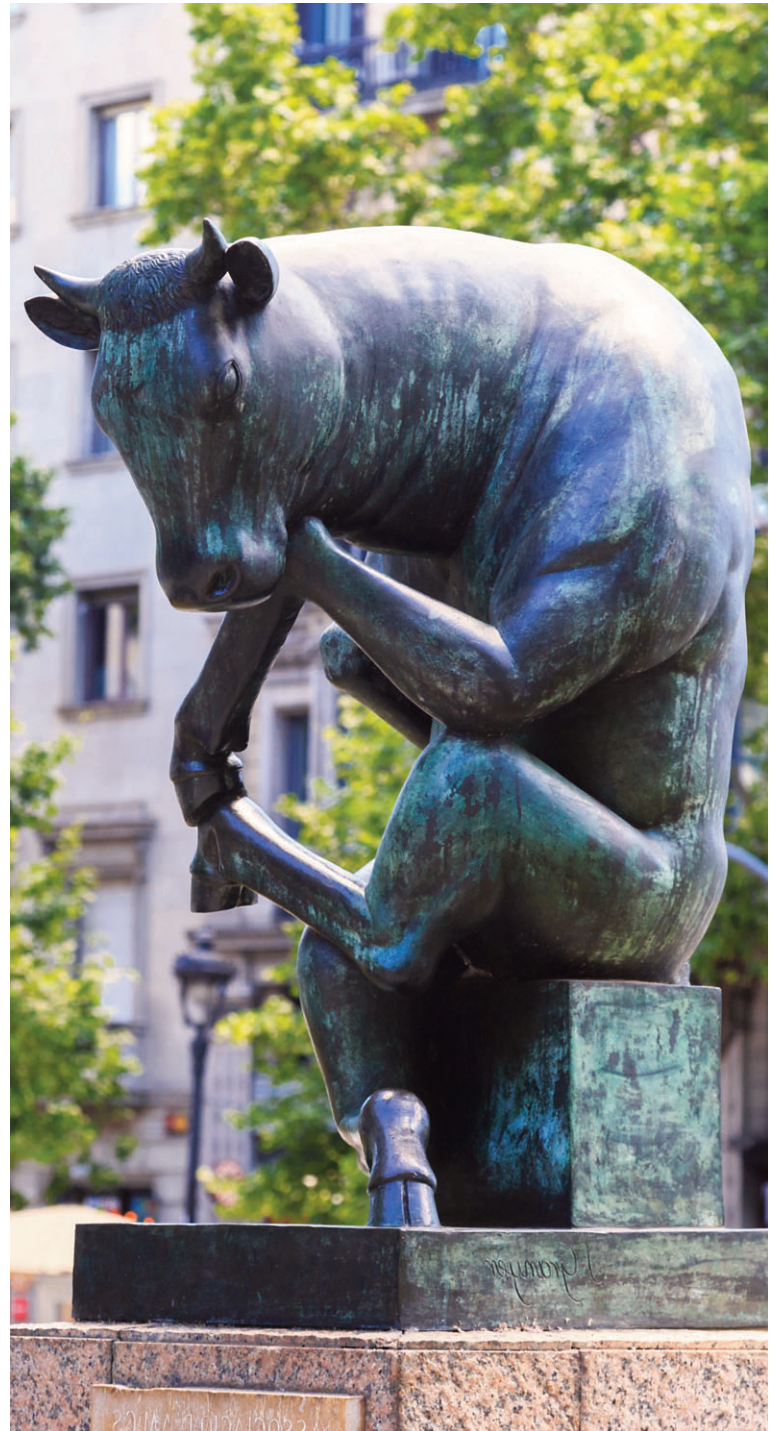
It's a domino effect. A shortage of raw materials—like rubber for gloves, resin for blocks, or dust for inserts—leads to production and manufacturer shortages, distribution limitations, and finally to a shortage of needed products for the end user. At some point, we're all affected when shortages turn to backorders.

In addition to production delays, shipping is currently a challenge for importing and exporting goods between different parts of the world. With limited availability, the costs of raw materials, production, and retail solutions start to increase.

Finding a solution. To combat backorders and get needed products to trimmers and producers in a timely manner, Leedstone continues to search for, and find, other sources and alternatives for these hard-to-get items, at the best prices possible. Of course, the challenge is, we're all searching for some of the same items; and we're determined to see it through.

Moving forward. As this year of uncertainty continues, please know our Leedstone team is here for you. We feel your pains, and we are working our best to serve you; to have the items you need in stock, so you can keep moving your business forward.

We wish you all the best in 2022 and beyond. Please let us know how we can help you reach your goals this year.





HERD HEALTH STARTS AT THE HOOF

When it comes to hoof trimming, **don't compromise on quality.**
Get the brands and solutions you need at practical prices.

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Cow mobility issues nearly halve after video monitoring

by FarmingUK Team

https://www.farminguk.com/news/cow-mobility-issues-nearly-halve-after-video-monitoring_59381.html

Using technology to detect lameness at an early stage has reduced the number of cows with severely impaired mobility by 75% at a Welsh dairy farm.

Erw Fawr, near Holyhead, has been trialling a new digital system that uses an algorithm to analyse video sequences of cows walking, and extracts information from them.

CCTV scans cows as they walk underneath it and the CattleEye software picks out key points on the cow to provide a mobility score, building up a profile of how the cow is walking. Basic security cameras can be linked to the internet to assess the welfare and performance of the herd without additional hardware such as cow collars or pedometers.

As soon as the system notices a change in mobility, this is flagged up. At Erw Fawr, this has given farmer Ceredig Evans the opportunity to treat before a case becomes chronic among his herd of 300 high-yielding Holsteins.

Cattle lameness expert, Professor George Oikonomou, of University of Liverpool, has been independently evaluating how the technology has performed at Erw Fawr on behalf of Farming Connect.

He shared his findings with farmers during a recent Farming Connect open day at Erw Fawr.

At the start of the trial in April 2021, cows were scored by human eye using the AHDB scoring system; 25.4% had mobility issues, with 5.9% at score 3, which indicates severely impaired mobility.

Importantly, all validation mobility scoring throughout the project was conducted by the same person. In the intervening six months, CattleEye monitored cow mobility at the farm; the information was relayed to Professor Oikonomou and his assistant, Alkiviadis Anagnostopoulos. Mr Evans was provided with lists of cows to assess and those due for their early lactation or pre-drying off routine trims.

Prior to the start of the project there had been monthly visits by foot trimmers Paul and Jack Nettleton, but Mr Evans

increased this to twice a month to make better use of the information provided by CattleEye and the University of Liverpool.

Six months later, and only 1% of the herd was at score 3; across the herd, mobility issues (cows with a mobility score of 2 or 3) had reduced to 13.5%.

Mr Evans said he was delighted with how the system had performed, picking up foot lesions that he would not otherwise have spotted. It also removed the physical job of scoring. He said lameness was an issue that the dairy industry needed to address, not only for improved cow welfare and to satisfy milk buyers, but to make the farm business stronger.

“I always say that if cows have healthy feet and a healthy udder, everything else comes together,” Mr Evans said. “From a farmer and a milk contract point of view, it is important, but from an economic one, it makes sense to have healthier cows.

“Every job needs time and effort and to have technology that does the job for you means it gets done.”

One of the biggest issues with preventing lameness is early detection. Cattle Eye demonstrated it was possible to pick up cases before they advanced, said Professor Oikonomou.

“We know from research with farmers that often their perception of a lame cow is one that stays behind, that can’t keep up with the rest of the herd,” he added.

“But a lot of cows will have early stages of lameness that will not be seen unless you are mobility-scoring them. CattleEye is possibly one of the ways to address that issue”

The project was facilitated by Rhys Davies, Farming Connect’s dairy technical officer in North Wales, who believes the system has the potential to deliver a positive outcome for the dairy industry.

“This is one of the most promising projects we have worked on,” said Mr Davies.

Member Benefits



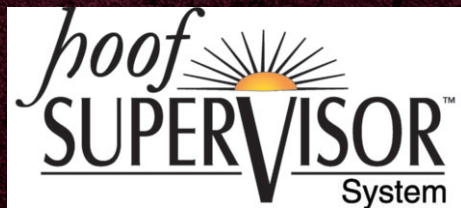
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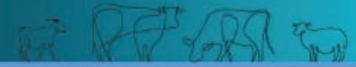


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7 AM - 6 PM**

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Wisconsin University
(US)



JIM LEWIS
StepRight
Stockmanship Solutions
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JAMIE SULLIVAN
Rippleview Hoof Care
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AARON LAVOY
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 **TRADUCTION FRANÇAISE**



2022 **SUMMER HOOF TRIMMING SCHOOL**

FRIDAY AUGUST 5, 2022
7 AM - 6 PM

REDHEAD CREAMERY FARM
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REGISTRATION:

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 TRADUCCIÓN AL ESPAÑOL

 TRADUCTION FRANÇAISE

- 7:00** Bus departure from DoubleTree by Hilton Hotel Bloomington - Minneapolis South.

- 9:00** Welcome to Redhead Creamery.

- 9:30** 1st Station: Biomechanical evaluation
Wet lab to review cadaver feet.

- 10:30** 2nd Station: Hoof Trimming Cup. Three contestants working with three trimming methods on farm.

- 11:30** Lunch.

- 12:30** 3rd Station: Detection of DD lesions (m-stages) has been automated and the applications to real-time detection cow-side will be demonstrated and discussed.

- 13:30** 4th Station: Low Stress Cattle Handling. By using the animal's instinct and anatomy can help manage cattle in an easy and gentle way.

- 14:30** 5th Station: Trimming efficiency.

- 16.00** Trimmers supper and music festival.

- 18:00** Closure and Bus departure.



To Wrap, or Not to Wrap

by Vic Daniels, Aaron Lavoy,
Dan Rainville, Jamie Sullivan, Dan Tripp

Vic Daniels

Vic Daniels is a scholarly hoof trimmer from Canada who, along with Randall White, has authored the White Line Atlas Method. He finds a middle ground on wrapping some lesions while doesn't think it necessary or helpful to wrap others. As many of you know Vic, he is a wealth of knowledge with unlimited emphasis on most topics related to hoof trimming. I however, am neither a stenographer nor have the recall to collect all of his thoughts into an articulate form. So this is an abbreviated version of Vic's thoughts.

If you were to wrap lesions, would it be all lesions or only ones with digital dermatitis?

Not all situations are the same, but in general practice I do wrap sometimes. Ninety-five percent of what I wrap is digital dermatitis related. The other five percent of my wraps are for either pressure to reduce bleeding for protection to the corium. Protection is relative environment, such as a dairy using cornstalk in their pack.

Why do you feel it is best to wrap?

When wrapping Digital Dermatitis, I find there fairly low failure rate. The wrap allows the gauze tetracycline to stay dry and provides six to hours of protection to the lesion.

How long do your wraps stay on?

I suggest a wrap be removed after two to three days. After that, the wrap is only collecting manure. Ideally, we prefer to see oxygen on the lesion as soon as possible to assist in the healing process.

Are your farmers attentive about removing wraps?

They're absolutely attentive about removing wraps. I still seem to find a wrap left on maybe two times per year max. my dairymen know how I feel about wraps being left on, I've even bought them wrap busters to make sure they get removed.

Do you feel that cows with wraps heal any better than those without?

I don't find wraps to be very effective on heling white line

lesions and there seems to be zero value to wrapping an ulcer. That being said, there are exceptions to every rule. Alternatively, I find it extremely effective on dermatitis especially with at least some semblance of a foot bath.

In your opinion, what is the purpose of the wrap?

When I do wrap, the purpose is to protect the lesion from manure and other environmental hazards whilst allowing the tetracycline to work.

Do any of your clients prefer not to wrap?

No, I've tried it in the past at a few of my dairies and we found there to be too high of a failure rate.

Have you or do you use duct tape on any of the herds you trim?

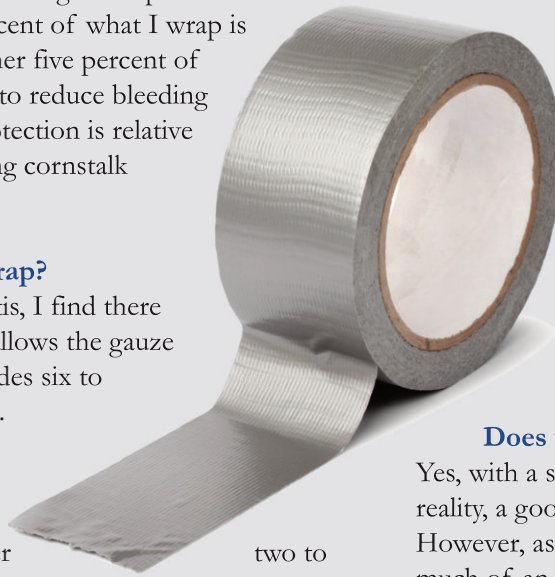
"Absolutely F***ing not, and you can quote me Why? It's hard as hell to apply, I've seen videos guys using it and it doesn't seem practical for use. Furthermore, dermatitis is anaerobic, duct doesn't breathe, therefore is doesn't allow any Lastly, when its used, it always slides down not protecting the lesion and turning into a holding in ...manure. Vic's a hard pass on using duct tape.

Does your application of wrapping seem to work?

Yes, with a sub-par foot bath it does the job effectively. In reality, a good foot bath is more effective than wrapping. However, as much as I push it, a few of my dairies don't put as much of an emphasis on foot bathes as necessary even when I provide them with numerical data.

Aaron LaVoy

Aaron as well as being a hoof trimmer operates the Mid-Western Hoof Trimming School and is a member of the Agrochem team. He is an advocate for wrapping but finds it imperative to allow the lesion the get good airflow. Because of this, he emphasizes using a light wrap with a single layer of gauze. He finds that 3m Vet wrap serves his purpose best. Oxygen is one of the important factors in healing. Dermatitis is an anaerobic organism, by restricting oxygen with an



abundance of material or a material that doesn't allow oxygen, it inhibits healing.

Do you wrap lesions?

Yes, I wrap all lesions where there is damaged tissue. On infectious lesions, I will either use Healmax paste or a dry powder consisting of fifty percent copper sulfate and fifty percent salicylic acid. On lesions where there is damage to the corium, I apply iodine, again with a layer of gauze and a light wrap. The wrap isn't to apply pressure or to stop bleeding, in fact, I prefer it drains. Moisture out and oxygen in is important.

Why do you feel it is best to wrap?

Cows are prolific healers. I've had the opportunity to examine the results of both wrapping and not wrapping myself, personally, I prefer to wrap. Lesions that aren't wrapped seem



to heal just fine, however, ones with wraps applied heal faster. All the cow needs are twelve hours to make a difference. Twelve hours of a clean environment with medication inside that wrap to keep bacteria, manure, and environmental obstacles out of the lesion for the corium to begin healing.

Are your dairymen attentive about removing wraps?

Yes, they're extremely attentive. I'm adamant about it as well. I give them a list of every cow at the end of the day that has a wrap that needs to be removed. Because I wrap very light and loosely, my goal is for them to fall off themselves. However, for ones that don't come off themselves, my dairymen have a wrap buster to remove them. For the tricky ones they aren't

able to remove, they then bring back to the chute the next week for me to remove.

How long do you prefer a wrap to stay on?

Three days is the max. By then the wrap is only holding manure on the lesion and not allowing any oxygen. Luckily most of my farmers remove the wraps the next day. In many cases, I find twelve hours to be more than adequate for the wrap to do its job.

Have you considered using duct tape?

I've worked with Dan and he seems to be pretty successful with how he does things, however, I'm not a fan of duct tape. I don't have any problems with dairies removing wraps so its not necessary. Most importantly though, duct tape isn't breathable. I want oxygen on the lesion, duct tape holds in moisture and keeps out oxygen.

Dan Rainville

Dan is a proponent of using duct tape to wrap lesions rather than coflex or cattle wrap types of products. As the interview continues, you will see that he does so because this is what fits his business best. For Dan, he and his crew do mainly whole herd trims, not returning to the dairy for a few months at a time. Because of this, he found that commonly used wraps were too often left on a foot causing even greater issues than the original problem that the wrap was used to solve. Duct tape, however, doesn't pose the same issues when left on that a wrap does. Even when wet, they do not shrink and therefore constrict into the foot. Instead, it is more common to loosen up and sluff on the foot itself.

Do you wrap lesion?

It's hard to put every cow into a category because not every situation is the same. But, generally, I (Dan) wrap infectious lesion. On the occasion, I'll wrap a foot for blood stop. It's rare for me to wrap any white line lesions or sole ulcers.

Is it effective?

Yea for sure, I do it for a purpose. I've been using duct tape for 25 years, I've tried not wrapping, and I've tried traditional wraps. I find this works best. Is it one hundred percent better, no of course not, but it helps. The farmer pays me to come in and take care of that cow to the best of my ability. If she's got a wart and I can wrap it to help the footbath work better to kill it then that's what I'm going to do.

What is the purpose of the wrap?

To reduce dermatitis. When I wrap, my goal is to keep the medication on the sore and the environment out. If I do

nothing and she goes back into the environment that caused the problem in the first place, nothing changes and there's no chance for that cow to heal.

Are your dairymen attentive about removing wraps?

Yes, they try. But that's why I switched to duct tape. All it takes is one wrap to get missed for there to be a problem. With duct tape, it loosens and falls off. There's never a problem, and there's no more culling cows because a wrap has cut into a foot. I've come back to a farm and seen a duct tape wrap left on and all that was left was a loose little ringlet around the ankle with no damage being done.

Is duct tape cost effective?

Yea, it cost a little more but not too crazy.

Do any of your clients prefer not to wrap at all?

No, none of them. They usually listen to my recommendations and that's what we do. We have had some try not wrapping and it wasn't as successful for us.

Any other thoughts?

Prevention is one hundred percent more important than wrapping. If a good footbath is run properly then I don't need to wrap feet. If there are a lot of warts on a dairy, I talk to the farm managers. If I'm wrapping warts he isn't doing his job. His job is to manage and make sure the footbath is running properly. If a farm manages correctly by keeping pens clean and a routine footbath is running then I rarely have to wrap a lesion.

Jamie Sullivan

Jamie is a previous president of Hoof Trimmers Association. He lives in Canada where he is a hoof trimmer, and owns Rippleview Hoof Trimming, an Anka representative, and is on the planning committee for the International Lameness in Ruminants Symposium 2022.

Do you wrap Lesions?

You can never say never but my business is 99% wrap-free when it comes to all lesions. My exceptions are for severe cases of infectious lesions in the interdigital space, if DD lesion does not allow treatment to stay on for a limited amount of time or if it is needed to control

severe bleeding after a therapeutic trim on a non-infectious lesion

Why do you feel it best to not wrap?

Over the years my business has started to focus more on evidence-based solutions when it comes to every decision I make at the trim chute and recommendations that I make to my clients. That shift happened in 2008 when I added Hoof Supervisor for data recording. Now, chute-side I have all the history right at my fingertips. Anything I do I record and quickly check if my course of action was correct or not. Products, wraps, and treatment protocols are closely monitored and measured for success.

A study done by Dr. Gerard Cramer suggested there was no measurable advantage to a wrap when treating infectious lesions such as DD. The stubborn Irishman in me said that is fine in controlled environments but would never work in "real life." I got a couple of clients to agree that any cow that had a lesion on both back feet we would treat one foot with wrap and the other with just topical treatment. We took pictures, brought the animals back on a weekly or biweekly basis for a recheck and had a complete history so we could see if no-wrap treated



lesions were more prone to reoccurrence. After 100s of treatments, photos, and rechecks my clients and I agreed that there was no advantage to the cost, extra labor to remove wraps, and risk factor to wrap most lesions (99%). We discovered that in a lot of cases the non-wrap lesions recovered better than the bandaged lesions.



Dr. Jan Shearer was awarded the first HTA/AABP research grant to study bandaging non-infectious lesions. In that study, it was noticeably clear that applying treatment to exposed corium after a therapeutic trim delayed healing. In simple terms the message was if you would not put the substance in your eye then do not apply to exposed corium and expect positive results.

What is the purpose of a wrap?

The purpose of a wrap is like every other decision we make when trimming; it must either prevent a lame event or fix a lame event in an efficient and cost-effective way while at the same time quickly improving the well-being of the animal. As I mentioned earlier, I find 99% of the time I can achieve that without the use of applying a bandage. If I do bandage a lesion, I like to see it off either naturally or manually within 24-48 hours.

Dan Tripp

Dan is owner and operator of Dan's Dependable Hoof Care in Wisconsin. Many have seen his popular videos of displaying his Appleton trimming chute in his enclosed trailer. For the past two years Dan has switched to using Duct tape for wrapping lesions. He has found just as much success wrapping with duct tape as he was using traditional wraps without the concern of a wrap being left on causing harm.

Do you wrap lesion?

Yes, I wrap all cases of digital dermatitis. When it comes to White Line lesions it really depends on the environment and the sore itself. As for sole ulcers, typically not

How long do your wraps stay on?

All of my dairies are trained to take them off in one day. However, with the duct tape that's not as important since it generally falls off on its own.

Do you find the wrap effective?

Yes, for sure. On cows with dermatitis, it reduces the severity. On wraps I apply to white line lesions; it prevents dermatitis from occurring on the lesion as well as protecting it from manure.

Do any of your clients prefer not to wrap?

Most prefer to wrap. Mainly because they listen to my suggestions, but also because I think it makes them feel better that the cow is being taken care of.

Do you ever see wraps left on in a return visit?

Very seldom, my dairies are pretty good about getting them removed. Since I've switched to duct tape it doesn't seem to be as big of an issue since they fall off themselves. The max I've seen a duct tape wrap stay on has been two weeks.

Why did you switch to duct tape?

I've seen too many cases either myself or others that have had wraps left on feet causing some serious harm. In the past two years I've not seen one case where the duct tape was cutting into the foot.

Is it effective?

Yes, for sure. Does everything heal one hundred percent, of course not. But just keeping dermatitis from getting on the corium is the main goal. If I can do that, the cow does so much better in healing.

The Place to Be in August

by Jamie Sullivan

I haven't been this excited about a hoof health conference in my career as a professional trimmer. It all started back in Germany in 2017 when a group of us got talking about the US should put a proposal for the next Lameness in Ruminants Symposium after the Japan 2019 Symposium. We all had the same mindset of gearing the program to be very practical for the professional hoof trimmer and in-house trimmers on large farms.

For those that have never been to a Lameness in Ruminants Symposium, it is a hoof health conference where all the latest research on hoof health gets presented. Basically the "Who's Who" of hoof health research around the world gather to present what's new, what needs to be studied next, and how to collaborate to put the research into action. It is usually held every 18 to 24 months. COVID delays gave the planning committee more time to put an exciting program together. The first Symposium I attended was the one hosted in Chile in 2015. I was representing HTA and doing a short presentation on the organization and what hoof trimming was like in North America. What I discovered was there was a group of researchers ("brainiacs") out there that had the same, if not more, enthusiasm about making healthy feet than us hoof trimmers. It gave me the opportunity to get to know the

researchers, grad students, and Ph.D. candidates studying practical projects that would give evidence-based solutions that could be applied on farm. I was hooked and haven't missed one since! The contacts and colleagues I've met have not only become great friends but have helped improve my business. The researchers do what they do best, I do what I do best, and we get to collaborate on how we can work together on the common goal of more mobile animals in the industry.

The theme for the conference *Embracing Excellence in Mobility and Well-being* sets the tone for the exciting program. There are some pre-conference workshops, interactive case studies that give an opportunity to put the research into practice, and action-filled, on-farm, post-conference workshop – *Summer Hoof Trimming School*. The workshop will have a variety of stations, demonstrating three different trimming styles, measuring and comparing their effect on weight-bearing before and after trim, proper cattle handling, chute side demonstration of automatic lameness detection, and more. If you have never been to the International Lameness in Ruminants Conference or have been to one and wished it had a little more practical side to the program, then you won't want to miss this one. You can sign up for updates and register at lamenessinruminants2022.com or contact me directly.



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BOVINE HOOF TRIMMING SCHEDULE GUIDELINES



This infographic is a basic outline of optimal trimming safety for cows. Exact days may vary. Trimming decisions should be made in consultation with a qualified trimmer.

Whenever possible, trimming should be conducted between 90 days in milk and 60 days to calf.



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