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Happy Thanksgiving

FARM SHINE

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November 29, 2024



For what we have been given, let us be thankful. To God be the glory.

Please see page 2.

PERIODICAL • DO NOT DELAY

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Pennsylvania

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“Then and now... best thing we could have done!”

— Michelle Hasheider-Burianek



Generations of success with Udder Comfort:
 Michelle Hasheider-Burianek and daughter Teagan (above and at right)
 3rd and 4th generation at ELM FARMS, OKAWVILLE, ILLINOIS
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“We started using Udder Comfort™ 15 years ago. It was the best thing we could have done to make a tremendous difference. People try to get us to use other products, but they don't ever stand up to the results with Udder Comfort,” says third generation dairywoman Michelle Hasheider-Burianek of Elm Farms in southern Illinois.

“Our kids really enjoy showing, so we also use Udder Comfort on our show cows. I'll even use it on a swollen hock, it's that good,” she adds.

“We use this routinely on our fresh cows when they calve in. They are separated after going through the robot, and we apply the Udder Comfort at the head gates for 2 to 3 days; heifers 4 to 5 days. Udders milk out nice and evenly, and we save money by shipping more milk with less need for treatments. If we see a conductivity spike or hard quarter, we grease her up with Udder Comfort. Any animal in the sick pen also gets it,” Michelle explains.

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We have much to be thankful for

To God be the Glory. Let us be thankful for what we have been given, especially the most essential gifts for a satisfying life which include good health, adequate food, safe travels, family, friends and furry pets. The list could be endless. When you think about it, everything traces its origins back to God's plan and creations.

The beauty that we find in Nature, for example, regardless of the season. From farmers for vacationers, we appreciate the breathtaking beauty that Nature holds in store for us. From below ground to above ground and beyond to the stars, God's infinite creativity is a world of wonder.

For all of us, I'm sure, there's intimate attachment to the beauty that surrounded us when we were young, which stretches beyond the physical. It's called nostalgia. So it is for me too.

The picture on page 1 (and also above) is of the Lutheran church that still stands adjacent to our former farmstead in the village of Lichtenhagen, Germany, roughly two miles from the beaches of the Baltic Sea. The church dates back to 1319; at that time a Catholic house of worship. Shortly after the Protestant Reformation began in 1517, the already nearly 200-year old church opened its doors to followers of Martin Luther.

Many years ago during my first visit after 37 years, a dear neighbor who remembered me from my boyhood days, provided the opportunity to climb high into the interior of its
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Trump's nomination for USDA Secretary carries much hope

Bringing whole milk back into schools aligns with Brooke Rollins' and RFK Jr.'s priorities

By SHERRY BUNTING
Special for Farmshine

WASHINGTON, D.C. — President Elect Donald Trump has nominated Brooke Rollins of Fort Worth, Texas to be the 33rd U.S. Secretary of Agriculture. She would be the second woman to serve in the top USDA post, the first being Ann Veneman in 2001 under President George W. Bush.

Trump's announcement on Saturday, Nov. 23 brought ripples of surprise across ag media outlets after many had floated a long list of other names under consideration.

In the end, it came down to Rollins, a lawyer and trusted advisor who previously served on Trump's 2016 Economic Advisory Council as well as director of the Domestic Policy Council and Assistant to the President for Strategic Initiatives in Trump's first term.

Rollins has spent the past four years as founder and CEO of the America First Policy Institute (AFPI). Trump highlighted her commitment to American farmers, food self-sufficiency, and rural small-town restoration.

The AFPI has not had much to say on agriculture, specifically, but has advocated for a ban on China's ownership of American farmland. Rollins also spoke out against any sort of carbon or methane tax in a 2018 Texas Public Policy Foundation broadcast.

"As our next Secretary of Agriculture, Brooke will spearhead the effort to protect American farmers who are truly the backbone of our country," Trump stated.

Raised with a generational ranching background outside of the small town of Glen Rose, Texas, Rollins was involved in 4-H and FFA leadership and credits her high school ag



Brooke Rollins was involved in 4-H and FFA leadership and credits her high school ag teacher for "changing her life."

teacher for "changing her life."

She earned her B.S. degree in agriculture development at Texas A&M and spent her public policy career in nonprofit and governmental leadership at the state and federal levels.

She and her husband Mark have four teenage children, who avidly show cattle.

While searches for paper or interview trails on her agriculture policy positions come up mostly empty, what can be gleaned is that:

Rollins has the President-Elect's ear and a penchant for analyzing issues with an ear to those affected, not just the 'experts.'

In a post on X (formerly Twitter), Rollins thanked Trump for "the opportunity to serve... It will be the honor of my life to fight for America's farmers and our Nation's agricultural communities. This is big stuff for a small-town ag girl from Glen Rose, Texas... Who's ready to Make Agriculture Great Again?"

Ag and dairy organizations responded. Several took the opportunity to also weigh-in on Trump's nomination of Robert F. Kennedy Jr. a week earlier for Secretary of Health and Human Services.

The two departments jointly issue the Dietary Guidelines for Americans (DGAs) every five years, which USDA uses to regulate meals (and milk) served at schools, daycares, and senior centers. A large chunk of USDA's massive budget and staff administer and regulate nutrition programs.

The next cycle of DGAs is already in process with the two new USDA and HHS secretaries tasked with finalizing the 2025-30 DGAs by the end of next year that will set the rules for schools and other nutrition programs for years to come.

American Dairy Coalition CEO Laurie Fischer observed in a statement that the incoming secretaries will have the opportunity "to fix food nutrition policy, such as a

long overdue reform of the Dietary Guidelines that govern school meals where children have been prohibited from choosing whole milk and 2% milk since 2010."



Laurie Fischer

Grassroots Pennsylvania Dairy Advisory Committee chairman Bernie Morrissey also expressed hope that Rollins and Kennedy, if confirmed by the Senate, will work together to bring the choice of whole milk back to schools.

"For far too long, America's children have been deprived of the choice of delicious, nutrient-dense whole milk. USDA requires schools to only offer fat-free and 1% low-fat milk. Many children throw that milk away, so they are missing nature's nutrition powerhouse. Now, more than ever, we need to offer the "good stuff,"" Morrissey stated, adding that "Rollins is a mother, and that helps. We have mothers on our committee and they really get it."



Bernie Morrissey

He explained that his committee includes dairy farmers, allied industry representation, a recently retired internal medicine doctor, school nurse, school foodservice director, and

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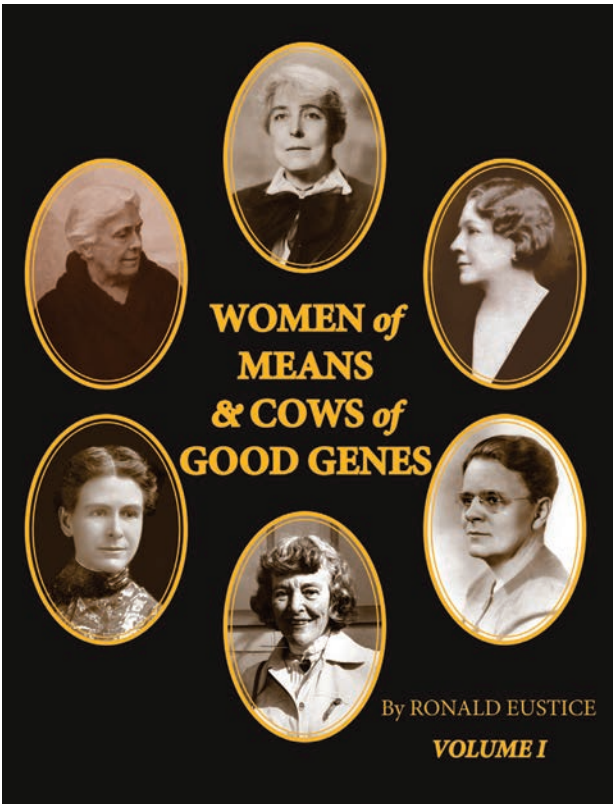



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Bird flu conference call slated

HARRISBURG, Pa. — As Pennsylvania continues to monitor the rapid acceleration of cases of HPAI in dairy cattle across the United States, the Center for Dairy Excellence and Penn Ag Industries Association will host the next joint monthly Pennsylvania Agriculture HPAI Conference Call on Wednesday, December 4 at 1 p.m. EST for producers and stakeholders from all animal ag industries.

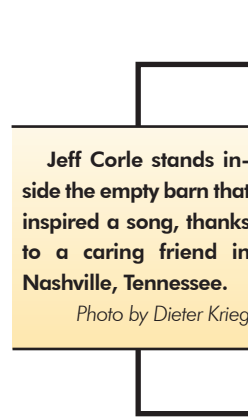
The call's hosts hope you'll join them for the call, as panelists from the Department of Agriculture and other state/federal organizations address real-time questions from dairy and poultry stakeholders about the recent Pennsylvania Department of Agriculture's (PDA) action of mandatory milk testing at the processor level.

The PDA implemented this mandatory testing order, at no cost to farmers, for

bulk milk tanker trucks to determine if HPAI is circulating in lactating dairy cattle statewide. PDA officials say they have seen the impact of HPAI in other states that had not established proactive testing protocols, where economic losses, rapid spread, and mortality of animals later triggered testing protocols but could not undo the significant damage already caused by the virus left undetected.

During the December 4 call, you can ask your questions in real time about the mandatory testing order, Pennsylvania's continued response to HPAI, transmission, and how to incorporate good biosecurity protocols across the animal agriculture industries.

Note: The USDA has confirmed that there is no threat to human health and milk. Dairy products continue to remain safe to consume.



Jeff Corle stands inside the empty barn that inspired a song, thanks to a caring friend in Nashville, Tennessee.
Photo by Dieter Krieg



EMPTY BARN (or not)

Jeff Corle would like to sing in your barn

WINDBER, Pa. — Country music song writer and singer Jeff Corle, who lives on a farm near here, is willing to come to your barn and perform. Yes, your barn. He'll sing his signature song, “Empty Barn,” the viral hit song on YouTube. The song was born, he says, “of the heartache and pain I experienced after economic circumstances forced me to shut down my dairy and sell my beloved Guernsey cows last spring.”

Jeff knows that his pain is common among dairy farmers. Whether you have an empty (cow) barn or not, he would welcome the opportunity to perform at your place. For free.

Yes, there is a catch. He'd like to have the host farmer invite friends and neighbors. “I'd like to see at least 20 people,” he says. And if you happen to know about a fair or other event where he might be welcomed as a performer, he would appreciate knowing about it.

“The initial success of *Empty Barn* and all that encouragement for my music prompted me to keep writing and to go to Nashville to record my debut album, *Farm Animal*. I call it an album written by a farmer for farmers!” Jeff noted.

“I now play live and also do speaking engagements on the topic of farmer mental health and overcoming adversity; two things that became central to my own life in the run up to and in the aftermath of selling my cows.

“I incorporate *Empty Barn* and other original songs into my speaking appearances providing a unique, emotionally stirring, and engaging audience experience - especially when that audience is farmers or farm related folks.”

Jeff welcomes your call: 814-467-4771. For more information, please visit his website: jeffcorlemusic.com

WHAT'S NEXT?

While none of us knows for sure exactly what is in the future for the dairy industry, change is coming.

- (1) Will antibiotics be banned by consumer demand?**
- (2) Will milk over 100k SCC be penalized?**

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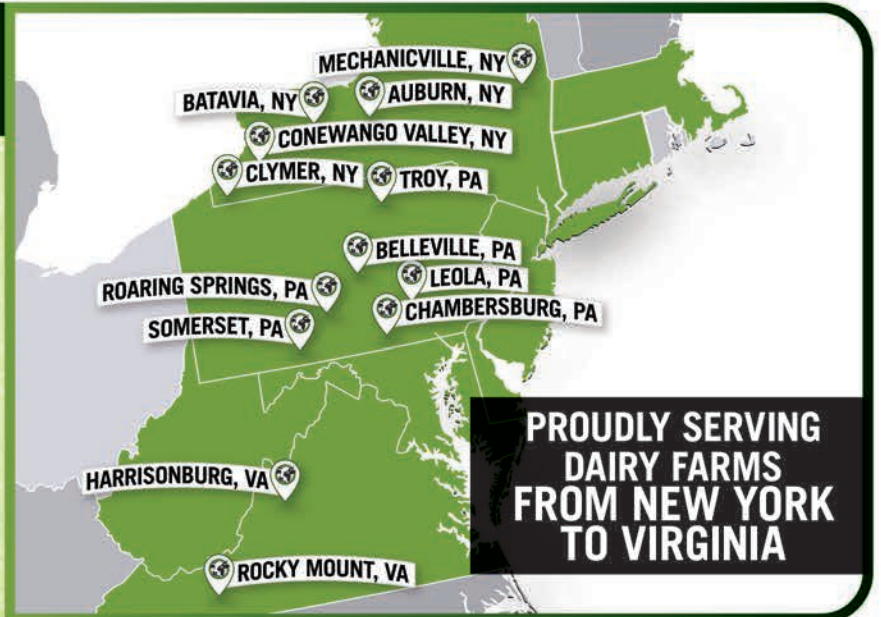
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Auction Guide

NOV. 30, 9 a.m. Special Saddlebred Horse Sale, New Holland Sales Stables, New Holland, Pa. Sale managed by New Holland Sales Stables.

DEC. 4, 10:30 a.m. Dairy Cow & Heifer Sale, New Holland Sales Stables, New Holland, Pa. Sale managed by New Holland Sales Stables.

DEC. 4, 12-1 p.m. Clover Patch Cornicopia Online Sale, Millersburg, Ohio. Sale managed by Kreeger and Associates.

DEC. 7, 11 a.m. Holiday All Breed Dairy Sale, Hosking Sales, New Berlin, N.Y. Sale managed by Hosking Sales.

DEC. 12, 11 a.m. Rowe Retirement Farm Machinery Dispersal, Milan, Pa. Sale managed by Fraley Auction Company.

DEC. 13, 10 a.m. Special Christmas Dairy Sale, Fisher's Quality Dairy Sales, Ronks, Pa. Sale managed by Fisher's Quality Dairy Sales.

DEC. 13, 11 a.m. Dry Run Complete Dairy Herd Dispersal, Watsonstown, Pa. Sale managed by Fraley Auction Company.

DEC. 19, 10 a.m. Special Christmas Dairy Cow & Heifer Sale, Brubaker's Quality Dairy Sales, Shippensburg, Pa. Sale managed by Brubaker's Quality Dairy Sales.

Premier Select Sires scholarship offers add up to \$20,000 in 2025

TUNKHANNOCK, Pa. — Premier Select Sires will award up to \$20,000 to students within the Premier territory through the 2025 Premier Future Ag Leaders Scholarship Program. Two exemplary students will receive \$2500 scholarships through either the Johnny Daniel Memorial Scholarship or the Wayne Dudley Scholarship. Several other students will receive scholarships of \$750 to \$1000 in value. Completed scholarship applications are due January 31, 2025.

Scholarship application forms are available under the "News" tab of www.premierselectsires.com, by calling (570) 836-3168, or by emailing office@premierselect.com.

Eligible students include high school seniors through college seniors presently enrolled or planning to enroll in an undergraduate agriculture-related major. The student or his/her parent or guardian must reside in the Premier membership area and must be an active Premier customer in good standing. Previous scholarship winners remain eligible during subsequent award years; however, a student can only receive a \$2500 scholarship once in his/her school career.

The Premier Future Ag Leaders Scholarship Program provides financial support to eligible college undergraduates in agricultural majors. The program provides additional return to the cooperative's member-owners by supporting the next generation of young people desiring to study and work in the agriculture industry. The Premier Select Sires, Inc. Board of Directors has made a commitment to providing money to support this scholarship program on an ongoing annual basis.



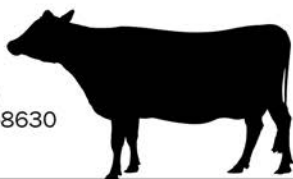
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Dairyman's Datebook

DECEMBER 4, 9 a.m. Homestead Nutrition's Dairy Nutrition Seminar, Yoder's Banquet Facility, New Holland, Pa. Lunch provided.

DEC. 4-6 and DEC. 9-13 from 7 a.m to 5:30 p.m. each day at Farmer Boy's Myerstown and Mt. Pleasant locations.

DECEMBER 6, 10:30 a.m. Stolhaven Genetics Barn Meeting, Ivan Zook Farm, 3483-B Harvest Drive, Gordonville, Pa. (Coffee and donuts at 9:30 a.m.)

DECEMBER 9, 8 a.m. "Cultivating Business Conference" from 8 a.m. to 5 p.m. at the American Helicopter Museum, 1220 American Boulevard, West Chester, Pa.

DECEMBER 10, 10 a.m. "Dairy Housing Options ... My Tie-Stall Barn is Worn Out," Lancaster Farm & Home Center, 1083 Arcadia Road, Lancaster, Pa. \$10 registration fee includes lunch.

DECEMBER 10, 10:30 a.m. to 1:30 p.m. Center for Dairy Excellence 20th Anniversary Luncheon, Melhorn Manor, 977 West Main Street, Mount Joy, Pa.

DECEMBER 16-18, Mid-Atlantic Grazing Conference, Washington County Ag Center, 7313 Sharpsburg Pike, Boonsboro, Md.

JANUARY 7-9, PDP Managers Academy at the Marriot Quorum Dallas Addison in Dallas, Texas.

JANUARY 20, 9:30 a.m. Georgia Dairy Conference, Marriott Savannah Riverfront, 100 General McIntosh Boulevard, Savannah, Ga.

FEBRUARY 5-6, Pennsylvania Dairy Summit, Penn Stater Hotel & Conference Center, 215 Innovation Boulevard, State College.

FEBRUARY 17, 1 p.m. Dairy Old Timers Luncheon, O'Brien's Irish Pub, 701 West Lumsden Road, Tampa, Fla.

'Organic' foods preferred by a growing number of people

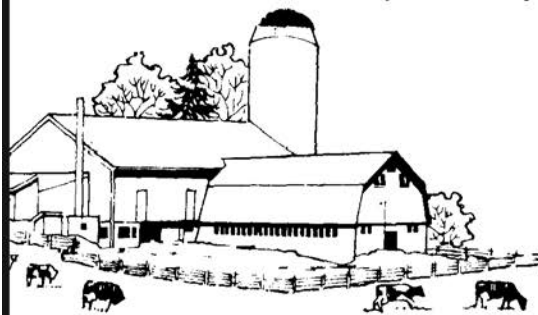
BOULDER, Colo. — Consumers are seeking out organic foods and beverages at an unprecedented rate. According to the 2024 Organic Trade Association Industry Survey, U.S. sales of certified organic products approached \$70 billion in 2023, a new record for the sector. Organic dairy and egg sales specifically were up 5.5 percent last year.

Horizon Organic, the largest organic firm in the U.S., sees the increasing demand pointing to the continued need to support and cultivate organic farmers and others in sustainable agriculture who are dedicated to advancing the organic industry and delivering the high-quality organic products consumers are craving.

Horizon Organic is committed to putting its farmers first, and their HOPE Scholarship program is just one way the organization supports these essential business partners. From providing farmers with profitability consulting, intergenerational transition planning to keep farms in the family, and estate and retirement planning, to traveling vet care to offer individualized guidance for farmers' specific concerns about their herds, and availability to collaborate on milk quality and continuous improvement, Horizon Organic aims to nourish a happy, healthy future for farmers, families, animals and the land.

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steeple. As an elder of the church, he had the keys to every door. There are small windows alongside the steps as you make your way up for excellent views in all directions. A special "stop" along the way was at the base of the steeple, where the large bells are housed.

Memories.

They get inspired by looking at pictures and re-enforced by every visit. This picture was taken during a visit to my homeland in early October of this year.

Not forgotten.

These Thanksgiving comments would not be complete if I did not also mention the lack of food and everything else during my childhood. No, as self-sufficient farmers we never went hungry. Countless others in cities and towns weren't so lucky. Worst off were the estimated 15 million people forcibly driven out of East Prussia and other German territories by the Red (Russian) Army. I saw scores of refugees glean our fields for whatever they could find to eat. Every farm family hosted as many as they could.

It wasn't just food and shelter that were in short supply. Liberty was unheard of. The "pursuit of happiness," which our Declaration of Independence mentions as a right for all citizens, was only available to those in power.

Such was life under Russian control; under communism. That worthless, godless and evil system never produced anything of value, whether tangible or intangible. Therefore only very limited supplies of whatever you might need ... including even food. And the total absence of a long list of liberties.

In sharp contrast, arriving in America on November 11, 1955 was like coming to Heaven on Earth.

Yes, for sure, we have a lot to be thankful for. To God be the Glory.

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Consultants can help with your business management

HARRISBURG, Pa. – To help Pennsylvania dairy farm families with transition planning, business management consulting, and risk management planning, the Center for Dairy Excellence has several consultants available to work with Pennsylvania dairy farm families.

Dr. Brian Reed and Dr. Charlie Gardner both serve as consultants provided by the Center to help dairy farm families navigate the complex process of transition planning, business plan development, and business transformation through one-on-one consulting and support.

With years of experience in the dairy industry, the Center taps the knowledge and expertise of these consultants and offers their services at no charge to dairy farm families across the state. The farm families who have utilized one-on-one consulting through the Center have focused on:

• Transitioning ownership and developing succession plans:

"It was very valuable having a summary after the meetings about what was discussed, so

both of us [family members] could look at it. I appreciated those action items. Dr. Gardner wasn't afraid to tell us when it was time to get some of those actions accomplished, too. Overall, we feel good. Without the grant, we wouldn't be where we are. Some of us didn't want to talk about [the transition] or face reality, but the meetings made us stop and talk about it. It would be hard to spend that money upfront for an advisor without the grant. But I wouldn't do it without a third-party consultant walking alongside us. It's so valuable."

– Kerry Zeiset, Lancaster County, Pa.

• Giving every family member a voice.

"I see so often that we wait and wait. Then, the next generation can't even afford it or doesn't have enough time in life to purchase a place or take over a dairy operation. It's just too expensive or time consuming for them. So, the earlier you can start for a young couple, the better. I don't know if Dr. Reed told us anything we didn't know, but it's always good to hear it from an outside third party – especially when you're

working with family. [The process] gave us all a voice in the decisions. I was a little concerned about how to make everything fair and make it work financially for both parties. Dr. Reed helped us through all that."

– Curtis Zimmerman, Homestead Acres, Lebanon County, Pa.

• Developing business and transformation plans:

"About five years ago, I started on a journey to open my own dairy store. Dr. Charlie Gardner helped me write my business plan and has been an exceptional resource to ask questions, get advice, and get other contacts in Pennsylvania who have been working on similar projects."

– Amy Brickner of Destiny Dairy Bar at Stover Farms, Cumberland County, Pa.

• Strategize and evaluate farm viability:

"The Center for Dairy Excellence recommended Dr. Brian Reed. We were looking for some guidance on how to transfer the farm property to the next generation. He's seen good

and bad transfers, which gives him insight into our situation. We spent the majority of our time looking into the viability of the farm operation. Our goal right now is figuring out how to increase and diversify our income streams. The Center for Dairy Excellence and Dr. Reed helped us better understand our strengths and weaknesses."

– Breckbill Acres, Lebanon County, Pa.

The Center also partners with other organizations across the dairy industry, including Horizon Farm Credit and Penn State Extension, to connect farms with consultants who have experience in specific areas of business.

To view a list of consultants, please visit www.centerfordairyexcellence.org/transition-consultants.

To learn more about the Center's business consultants who are available to dairy farm families at no cost, contact Melissa Anderson at manderson@centerfordairyexcellence.org or call 717-346-0849 to be paired with a consultant.



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'Cultivating Business Conference' to be held at Helicopter Museum in West Chester

UNIVERSITY PARK, Pa. — For those looking to grow or streamline their agricultural business, Penn State Extension will host the "Cultivating Business Conference" from 8 a.m. to 5 p.m., on December 9, at the American Helicopter Museum, 1220 American Boulevard, West Chester, Pa.

This inaugural event promises to be an invaluable opportunity for farm and food business owners to enhance their expertise, forge vital connections, and discover innovative strategies for growth, organizers noted.

This conference is tailored for agricultural business owners and managers looking to sharpen their skills in key areas, such as financial strategy, marketing and business succession. With a lineup of expert-led sessions, participants can gain actionable insights and practical tools to drive their business forward.

Key sessions include:

— **Unlocking Capital and Grants:** Learn how to access essential funding and grants specifically for farm and food businesses.

— **Navigating Legal and Tax Structures:** Get expert advice on the optimal legal and tax structures for business and land ownership.

— **Choosing the Ideal Point-of-Sale Sys-**

tem: Discover how to select and implement the best point-of-sale system to streamline operations.

— **Strategic Retirement Planning:** Plan for a successful retirement with strategies tailored to business owners at any stage of business.

— **Harnessing Digital Marketing:** Master the use of Google and social media to expand business reach and impact.

— **Innovating with AI:** Explore how artificial intelligence can revolutionize marketing efforts.

— **Efficient Recordkeeping with Apps:** Utilize cutting-edge apps for effective business and finance recordkeeping.

This conference is a comprehensive learning experience designed to empower participants with the knowledge and connections needed to advance their business, organizers said.

Participants can secure a spot at the event by registering before 11:59 p.m. on December 6. The registration fee is \$150.

For more information and to register, visit the Penn State Extension website at <https://extension.psu.edu/cultivating-business-conference>.

Trump's nomination from page 3

former school board director who have worked on this issue over more than a decade. He wants the incoming secretaries to understand the problem so they can unwind the decades of worsening low-fat rules that pave the way for more ultra-processing leaving children with less nutrient-dense choices and unfavorable nutrition and health outcomes.

"We look forward to working with the next Administration on reforms that allow dairy farmers to market the whole milk they produce and allow children the opportunity to choose milk they will love," Morrissey added. "Our friends at the 97 Milk organization are doing a wonderful job educating the public. Now, we just need real leaders willing to stand up and roll back the federal ban on whole milk in schools. We are eager to help Make America Healthy Again and Make Agriculture Great Again."

The International Dairy Foods Association (IDFA) has conducted surveys showing the vast majority of parents want their kids to have the choice of whole milk at school.

In his response to the Rollins and Kennedy nominations, IDFA CEO Michael Dykes, DVM, also highlighted the joint nutrition roles of USDA and HHS, citing the need to "enhance the diet quality of Americans, protect the integrity of food production and processing, and establish a regulatory environment that drives innovation and efficiency... to continue leading the world in the production of high-quality dairy nutrition."

In a follow up interview with ADC, Fischer said dairy labeling integrity is another big issue for dairy farmers in the wheelhouse of both USDA and HHS. "We hope to see the restoration of labeling integrity in the dairy case when it comes to plant-based look-alikes that don't even come close to real dairy's nutrition. That includes the regulation and clear labeling of these novel bioengineered fake

'dairy' and 'meat' lab-created proteins."

More broadly, she cited the need for real world application of sound farmer-led policy and innovation that meet the realities farmers face daily.

"ADC looks forward to working with the next Secretary on ways to reduce redundancies and wasteful spending to improve efficiency so more of the dollars intended to support farms get to the actual farmers. We are encouraged by Rollins' history with the Office of American Innovation in Trump's first term because our farmers are key innovators and lifelong stewards of natural resources," she said.


As of Nov. 26, National Milk Producers Federation (NMPF) had not yet released a public statement to the media on the nominations of either Rollins or Kennedy, stating simply in a social media post on X: "Congratulations to Brooke Rollins on her nomination to become the next USDA Secretary. Dairy farmers are ready to hit the ground running in 2025!"

National Cattlemen's Beef Association VP of government affairs, Ethan Lane touted Rollins' "history of fighting for Main Street and Rural America. America's cattle producers need a secretary of agriculture who will protect family farms and ranches, roll back crushing regulations, and stand up for rural values."

American Farm Bureau president Zippy Duvall weighed in, noting the "good relationship" Rollins has with the Texas Farm Bureau: "We hope to build on that. We're encouraged by her statement that she'd 'fight for America's farmers and our nation's agricultural communities.' Effective leadership at USDA is more important than ever as farmers and ranchers face a struggling agricultural economy."

Trump's cabinet nominations are now complete and require confirmation by the U.S. Senate.

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9:30 a.m., Coffee and donuts, browse through the barn

10:30 a.m., Speaker - Glen Peachey of Elquest Farm

11:15 a.m., Triple-Hil - New bulls and daughter pictures

11:45 a.m., Free lunch

12:15 p.m., Amos will share on their experience in Ukraine; show slides

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Innovative decisions are proven to drive efficiency

HARRISBURG, Pa. — In the Center for Dairy Excellence's latest episode of the "Cow-Side Conversations" podcast, Josh Waddell of Apple Shamrock Farms LLC in northwestern Pennsylvania talks about what innovation truly looks like — and how finding labor savings within daily tasks often gets forgotten on dairy farms.

He shares some of the technology he utilizes on a daily basis and innovative decisions he has made to save on labor and drive efficiency. These include a three-cell lagoon system and sand lane system that helps reduce mechanization and labor costs by pumping manure versus hauling it. Josh also talks about the Afimilk cow monitoring system and feed tracking data he uses to make sure he's milking the right cows, a coherent group calving system and bedded pack barn he built for springer cows, and the unique system he developed for group housed, free choice fed calves.

The Waddells milk about 1200 cows, grow their own forages, and have approximately 25 full-time employees. During the podcast interview, Josh describes how they use technology and data analytics across the dairy operation through an Afimilk system. The technology allows Josh to monitor production, rest time, heat detection, and cow group changes. He's also able to connect the technology to his feed tracking system.

"This system is huge for us. We're milking 1200 cows right now, and it allows me to sort 1200 cows down to a list of 30 cows to go look at. We're looking at cows that need attention and really maximizing our time. By knowing daily milk weights, you can also get ahead of things. We know if she's sick before she knows she's sick," Josh shared. "That system feeds into my feed tracking system, which gives my nutritionist real-time information. We can make subtle changes in the diet just by knowing exactly what the cows are milking every day. It's all real-time data. It's fantastic."

Josh finds the technology helps to ensure he is milking the right cows by giving data-driven insight into each cow's potential. He says the technology also helps with growth opportunities in a structured way.

"The technology really allows you to watch your cows and be on top of things. You can plan. When you want to start growing, you have some confidence that you're going to have the right cows. You're not working blindly. It's a lot more structured growth, which has always been our philosophy," he explained. "You need to be milking the right cows. Just be-



The Waddells milk about 1,200 cows, grow their own forages, and have approximately 25 full-time employees. Josh finds the technology helps to ensure he is milking the right cows by giving data-driven insight into each cow's potential.

cause your facility is full does not mean you have the right cows. With this technology, along with parlor monitoring technology, you can milk the right cows, maximize the milk per stall, and then you can start talking about high yields."

For Josh and his family, genetics and genomic testing play an important part in milking the right cows. They are a satellite dairy facility for in vitro fertilization (IVF), and they have been doing IVF on a quarterly basis for about seven years.

"I really like proven and old cows. We'll look at parents and find cows that are holding up in our facility correctly, pair that

with genomic numbers, and get a snapshot. We're taking yearling heifers and flushing them to get more of their babies on the ground to help milk the right cows," he said. "I really think IVF is going to be game-changer in the industry. I don't necessarily think you need to be doing it, but you need to be aware of people doing it. There's opportunity to take a 20,000 pound cow and have her carry a baby that will be 40,000 pounds. She can still be there to milk, but she can replace herself with an animal twice as good."

On the manure management side, Josh and his team inject all of their manure and find agronomic advantages to that practice in addition to fertilizer savings. They also separate their sand without the use of heavy machinery through a unique sand lane system. The system pumps sand-laden manure through a pipeline to get sand out of the manure instead of hauling it.

"We wanted to be on sand, but didn't want to have the maintenance problems that come along with sand. So, we chose a three-cell lagoon system," Josh explained in the podcast. "When you run your sand-laden manure through the sand lane, the sand drops out and goes into cell one. What's left flows through cell one and into cell two and three. Those two cells act as a big settling pond. It gives you a very non-mechanical system."

Josh has found that the system mitigates their labor and maintenance costs, and it also gives them options for what they can do with types of manure. The system helps with:

Less wear and tear. "The electric pump took a truck off the road that would have hauled our sand. By having that sand lane, it also really saves my manure spreaders. We're not wearing fans out on the front of the spreaders or hauling that heavy, sand-laden manure. It has been a game changer getting the sand out of the manure."

Better and cleaner sand. "Through the pumping system, we've found we're making better sand by having a very consistent flow into the sand lane. It doesn't sound like a lot, but you get a little more sand back. Your sand is cleaner, the turn-around time is faster, and it goes into the barn faster."

Less maintenance. "There's only one pump and a concrete pad back there to break, so there's just no maintenance involved. It's as simple as it gets. It turned out to be a huge win."

For projects like this, Josh makes a lot of his management decisions by working with a benchmarking group and com-

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 PLOETZ, GARY & PAT HO 146 41

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 COUNTRY AYRE FARMS LLC. 681 HO 27158 1199 907
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 SAMUEL S. KING HO 190 73

Montgomery
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 ERIC & TAYLOR BOGARDUS 25 HO 23893 872 757
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 ERIC & TAYLOR BOGARDUS AY 144 32
 ERIC & TAYLOR BOGARDUS XX 153 10
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HERDS WITH A RHA SCC LESS THAN 200,000
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Tompkins
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HERDS WITH A RHA SCC LESS THAN 200,000
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CHRIS CURTIS 182 HO 24221 1033 789
 WINDY LEA DAIRY LLC. 134 HO 18330 784 578
HERDS WITH A RHA SCC LESS THAN 200,000
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ANTHONY HIGH 137 HO 27476 1174 890
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MATTHEW ZEISET 64 HO 29000 1200 892
 CLARENCE GARMAN 54 HO 27111 1094 883
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 WILMER HORNING 40 HO 17891 690 561
 MERVIN MARTIN 41 JE 14719 695 531
 RICHARD NOLT 40 JE 14941 699 526

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 DAVID MARTIN HO 53 50
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 JOHN BURKHOLDER HO 81 40
 MERVIN LEE ZEISET HO 83 47
 ROLLEN N'S DAIRY HO 85 65

RICHARD NOLT JE 108 40
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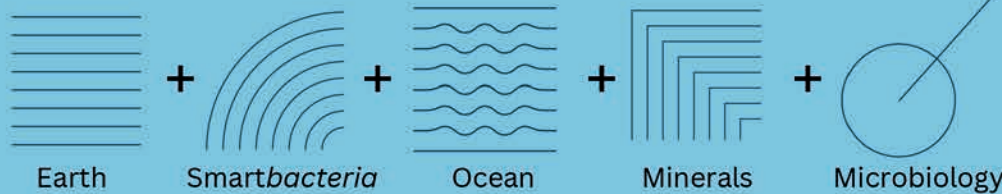
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Bedding choice may cause environmental mastitis

By CASSIE YOST
Penn State Extension Dairy Educator

CHAMBERSBURG, Pa. — For those struggling with somatic cell count (SCC) issues, finding the root of the problem can be a frustrating task. Many factors affect a farm's SCC, including but not limited to the characteristics of the cow, milking procedures, seasonality, facilities, management, and bedding. One must be able to identify the cause of mastitis, but if environmental mastitis is the culprit, could your choice of bedding be the root of your problem?

The only effective way to identify what is causing mastitis on the farm is to culture high somatic cell count cows. Mastitis is either caused by contagious or environmental organisms. Contagious organisms are spread from infected cows to healthy cows, mostly through human error such as not wearing gloves, not getting teat ends clean, and cross-contamination from infected cows. *Streptococcus agalactiae* (Strep ag), *Staphylococcus aureus* (Staph aureus), and *Mycoplasma* spp are the most common types of contagious pathogens.

Environmental bacteria are harder to eliminate as they come from the environment in soil, manure, and even bedding. Coliforms (*E. Coli*, *Klebsiella* spp, and *Enterobacter*) and environmental streps (*Strep. uberis* and *Strep. dysgalactiae*) are the most common types of environmental bacteria. It is imperative to know what kind of bacteria are causing mastitis infections for effective treatment and to prevent future infections.



While it is possible to have some level of bacteria present in all unused bedding materials, those choosing to bed with recycled manure solids and straw may be starting with higher levels of bacteria than other bedding options.

Understanding what bacteria are present is also important in determining where the bacteria are coming from. If environmental bacteria are to blame, there are many places of potential concern. Heavily soiled bedding surfaces, dirty alleys, contaminated flush systems, and improperly stored bedding are just a few places where contamination can originate. In many cases, the bedding used in either free stalls or tie stalls could be the source of the problem. Common bedding materials for dairy operations are classified into organic (wood products, straw, or manure solids) and inorganic (sand or limestone). Since bacteria require nutrients and moisture to survive, bedding bacteria counts are higher in organic bedding materials than inorganic materials (Patel et al., 2019). Management factors such as storage, bedding frequency, manure management, stall design, and more can affect bedding quality. Some bacteria are present in different types of bedding even prior to use in dairy housing. Therefore, understanding what bacteria are common to bedding types can be a first step in managing environmental mastitis.

According to a 2020 study by Robles et al., bacterial counts were present in bedding even before use in dairy housing. In this study, recycled manure bedding had lower dry matter percentage and higher *Streptococcus* spp. counts compared to all other bedding types. Unused straw bedding was higher than all other bedding types in gram-negative and *Klebsiella* spp. counts. Gram-negative bacteria are usually cured after a few days without antibiotics, whereas gram-positive are treated with antibiotics. According to their research, lower DM in used bedding was associated with a higher *Streptococcus* spp. count. Other findings indicated that *Streptococcus* spp. count in unused bedding was higher in recycled manure when compared to sand, straw, and wood products. They also found that gram-negative bacteria counts were highest in straw, compared to manure solids, and compared to sand and wood. *Klebsiella* spp. bacterial counts were higher in straw than in all the other bedding types sampled (Robles et al., 2020). So, while it is possible to have some level of bacteria present in all unused bedding materials, those choosing to bed with recycled manure solids and straw may be starting with higher levels of bacteria than other bedding options.

Once bedding materials are added to stalls, it is easy to understand how bacterial growth can escalate with added moisture due to the environment from manure, urine, and leaked milk. Dairy cows spending hours laying in stalls with high bacterial growth have an increased chance of having that bacteria entering the teat canal. According to the same 2020 study, gram-negative counts were higher in recycled manure than in straw, sand, and wood products. *Streptococcus* spp. and all gram-negative counts increased with increasing days since additional bedding was added (Robles et al., 2020). A similar 2019 study revealed that bedding bacterial counts were generally highest in recycled manure bedding and showed higher coliform and *Klebsiella* spp. counts in used

deep-bedded manure solids compared to inorganic bedding. Coliform and *Staphylococcus* spp. counts in recycled manure bedding were higher compared to sand or sawdust. The highest levels of *Klebsiella* spp. were found in recycled manure bedding.

The frequency of bedding stalls can also affect bacterial counts. In the 2020 study, it was found that *Streptococcus* spp. was high in all used bedding types. However, *Streptococcus* spp. and gram-negative bacterial counts increased with days since additional bedding was added (Robles et al., 2020). Most organic materials will reach maximum bacterial growth 24 hours after it was added to the stall. Frequent grooming of stalls and rebedding can keep bedding fresh and bacterial counts low.

Bacterial counts in bulk tank samples differed on farms that utilized different bedding materials. Patel found that bulk tank cultures were better in herds using new sand and organic materials compared to herds using manure solids. The study also found that herds using manure solids or organic materials had higher bacterial counts. **turn to page 24**

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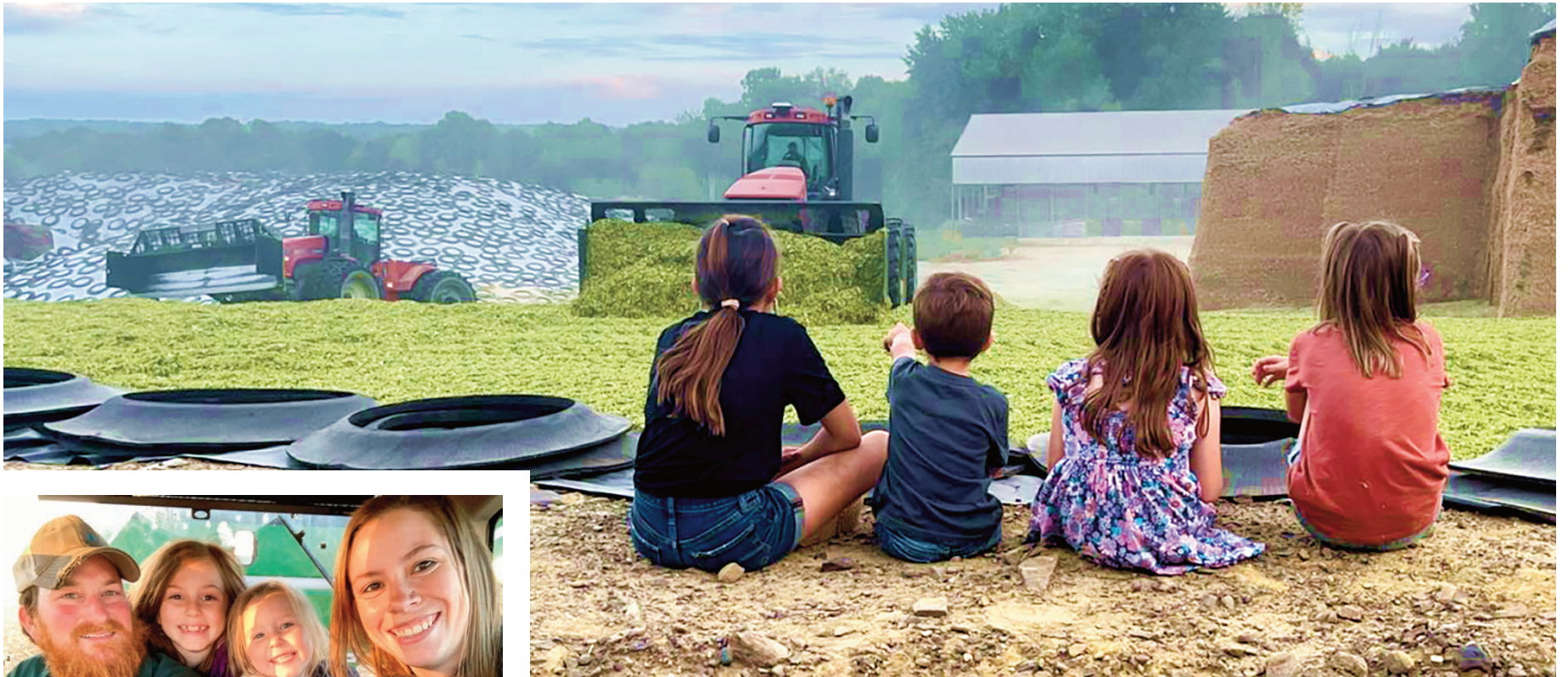


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The next generation is growing up dairy-style looking to the future of the busy multigenerational Apple Shamrock Farm near Townville, Crawford County, Pennsylvania.



Josh and Hayley Waddell and their children are pictured at the family's 1200-cow dairy.

Ultimately, Josh says innovation is about making simple, everyday tasks easier to cut costs and drive efficiency. "When it comes to innovation, you can buy a fancy chopper or have a great corn planter but those tasks are a few weeks out of the year. What can you do to those daily tasks to automate them, simplify them, and make them labor-

friendly and super easy?" Josh said. "Giving baby calves free-choice milk so if a feeder is late, there's milk there. That's where it's at. It's your daily tasks. When you look at innovation, sometimes people want to get held up on big barns and big parlors, but you walk by the things you're doing 365 days a year that might not take a lot of money to make better."

Innovative from page 9

paring their numbers. He also has a few fellow dairy producers that visit each other's farms and give advice. After getting an idea from one of his peers and putting a twist on it, Josh decided to build his own system to offer free choice milk replacer for his calves.

"Group housed, free choice fed calves are a big deal. If you can get it done right, it's a big deal. The calves grow, and it offers labor savings. I'm very excited about that. It still needs some refining, but so far it's working really well for us," he added.

For his springer cows, Josh describes his approach to coherent group calving on a bedded pack style calving barn. He has groups of 14 cows and tries to ensure they are all due as close as they can to each other. Every week, they move groups of cows into the bedded pack calving barn. If every cow in the group is due in a two-day window, they can stay with their group and don't have to experience social change.

"After moving from a just-in-time calving to a bedded pack style, I don't think I'll ever go back. We used to have 100 cows in a pen when a cow was trying to give birth to a calf. Now, it's so much more labor-friendly and it's easy to watch the cows. It's much less stress on the cows, too," Josh explained. "They are there, they are clean, and they can lay down. You aren't trying to put a cow in a box stall or trying to sort one cow out of 110. She's only in a group of 14."

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New, dynamic energy drives Golden Guernsey Marketing

Editor's Note: Continued from the November 22, 2024 edition of Farmshine is the story of Naturally Golden Family Farms Cooperative, and two dairywomen who fuel the passion behind it.

By **SHERRY BUNTING**
Special for Farmshine

DAWSON, Pa. -- "Golden Guernsey marketing is not what it was in the 1950s, but those of us packaging and processing (under the seal) are passionate about working together to bring it back. We're like family," says Vickie Baker of Maple Bottom Farm in Fayette County, Pennsylvania. She and Cara Itle are the driving force behind Naturally Golden Family Farms Cooperative -- sourcing, marketing and making dairy products from 100% Guernsey A2/A2 milk.

In addition to the cheese made at Pleasant Lane Creamery near Latrobe in Westmoreland County, and the whole milk and chocolate milk bottled at Vale Wood Farm near Loretto in Cambria County, they copack a drinkable yogurt on the days their milk is bottled.

"It's a unique situation," Vickie observes. She and Cara had worked with their Guernsey friends in Texas, who developed Lucky Layla Farms drinkable yogurt 15 years ago, building retail accounts serving loyal customers. The founders wanted to ensure it would continue to be made with 100% Guernsey milk. In March, Lucky Layla part-

nered with Naturally Golden and Vale Wood on copacking.

"We went down there, and they came up here. We learned to make their yogurt," Cara explains, adding that the early October order was the biggest yet. The key is the full-bodied fresh taste that is low in sugar.

Meanwhile, the Naturally Golden Family Farms label has a story of its own, using the *Autumn's Gold* painting by Bonnie Mohr, depicting actual Pennsylvania cows in an actual



Front and center in the pasture is Palmer, a Guernsey the Bakers brought to Maple Bottom from the Hoards dairy herd. She had twin calves Prim and Proper. Their intern, Sara Stoltzfus from Pennwood Farms picked Prim to show this final year

in 4-H and won junior champion of the state 4-H show, placing 4th in the National Premier Junior Show in Harrisburg in September.

Photo by Sherry Bunting

"It hit us, and we talked to Bonnie and purchased the rights to use it in our marketing and branding," Vickie explains. "It displays that richness and fullness that Pennsylvania and the Guernsey cow have to offer."

Likewise, she says: "*The Everything Good and More*' is a fitting slogan because we believe that all milk is good. We want people to drink milk, and we would love for them to drink Guernsey milk. We love the tagline because we think about Guernsey milk with the A2 (protein), the beta carotene that gives it the golden color, and Omega 3 fat."

For Cara, who moved off her family's Guernsey farm, "This is an opportunity to stay involved and add a different facet," she says. "I loved showing and picking bulls and genetics, but now I'm definitely more into the product side. Yes, I miss the shows, but it's more important to me to add value and sustain Guernsey family farms."

Vickie went on the AGA Board seven years ago for similar reasons. She and Mike transitioned their mixed herd over a period of five to seven years to be 100% Guernsey by January 2023.

"This has all been a huge leap of faith," she says.

Both women have learned a lot about the dairy business beyond the farm gate.

"We see the plant side, the milk haulers, turn to page 15

Pennsylvania scene with a Pennsylvania landmark. It had been commissioned by the Pennsylvania Guernsey Breeders' Association in 2000.

"We were looking for branding. We felt we had a rich, deep product and wanted to display that," Vickie says, relating the story of putting her then 6-year-old daughter Clara to bed one night in 2020. She spontaneously pointed to the framed print: "Mom, I just love this picture. It's my favorite."

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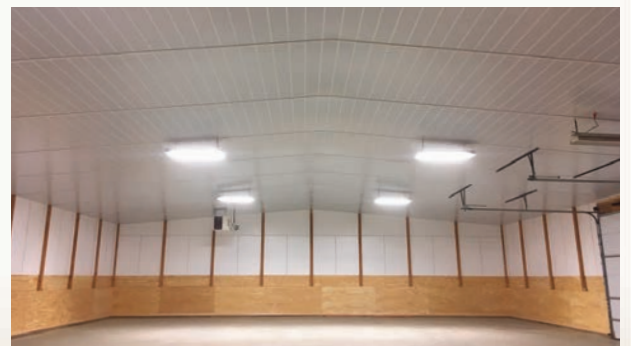
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Naturally Golden Family Farms cooperative formed in January 2020, making cheese and bottling whole milk, whole chocolate milk and whipping cream from 100% Guernsey A2/A2-tested cows. They also source and copack Lucky Layla Farms 100% Guernsey drinkable yogurt made with fresh fruit puree in strawberry, blueberry, peach and mango flavors.

Guernsey marketing _____ from page 14

the people who take the milk after the farm to the store. They are often underappreciated and unseen. There is so much more than a lot of people realize. Yes, farmers work hard, but there are a lot of people who work hard also to get that product out there,” Cara observes.

They’ve also learned a lot about navigating a startup without a handbook.

“The answers depend on who you ask,” says Vickie. “There’s no ‘how-to’, no list of everything in one place of what are the regulations and laws you need to follow to do it right. You don’t even know what inspectors you need for all the different parts.”

“And yes, that includes doing the Pennsylvania Milk Board forms every month, paying the fee and having separate licensing for everything – hauling, the stores on our farms, the license to resell,” adds Cara. “There’s no point-A to point-B checklist of the

different departments and people to talk to.”

As for their husbands?

“They are super important,” says Cara. “Vickie and I may be the ones in the forefront and doing interviews like this, today, but that’s because our husbands are working. Mike is doing some chopping on the farm to make feed for the cows, and Simon is running the plant back at Vale Wood. They are both integral parts. Vickie and I have the ideas, and we definitely have 100% support from our husbands. They are not behind us, but beside us. All of us do this together, and we wouldn’t be able to do it without each of the families being part of the co-op.”

Naturally Golden Family Farms cooperative will be looking to add farms in the future as they work to grow sales and distribution.



Two-year-old Charlie Itle is having a meeting of her own with the Guernsey cows gathering during a Farmshine interview on a warm fall day at Maple Bottom Farm.

Photos by Sherry Bunting

The long-term goal is to bring on all Pennsylvania Guernsey dairy farms, and they’re working with farms in Ohio as well.

“We want everybody to be able to do this — if they want to do it — but it also takes your own grit and determination to sell your

product,” Cara explains.

All milk must come from Guernseys, first, and be tested for the A2/A2 gene as well. Farms that aren’t 100% both would need a separate bulk tank for the qualifying milk – which is how Maple Bottom and Trotacre got started.

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Lindsay Bowen and Kevin Doeberienier with Twigs (center) are flanked by co-owners and team in their unprecedented sweep of junior, intermediate, senior and grand champion banners of the International Holstein Show at World Dairy Expo. Photo by Claire Swale

Her owners recognize high potential when they see it

A 'diamond in the rough' named 'Twigs' became a superstar

By **SHERRY BUNTING**
Special for Farmshine

WEST SALEM, Ohio – She was the senior and grand champion of the International Holstein Show during the 2024 World Dairy Expo in Madison in October. Now in November, Jeffrey-Way Hard Rock Twigs, max scored at EX-94, and stood as grand champion Holstein and supreme champion dairy cow of The Royal Agricultural Winter Fair in Toronto Canada.

Kevin Doeberienier and Lindsay Bowen own Twigs with Pat Conroy (Cowboy), R&F Livestock and Walker Dairy. The Doeberienier-Bowen-Conroy trio, in fact, achieved a clean sweep of the champion banners at the Expo.

Kevin and Lindsay take care of them all at their West Salem, Ohio farm, where they have operated their cattle marketing business for 15 years. They met through their love of showing cows.

Lindsay is an ag teacher at the local high school in Ashland

County and Kevin farms 1000 acres of corn and soybeans. They do the day-to-day cattle chores together. Lindsay worked with Twigs and led her during both premier events as well as the Ohio State Fair, where Twigs was also the top cow.

They bought Twigs in January 2023. The then 3-year-old had never been shown before. But that's what Kevin and Lindsay look for, diamonds in the rough.

"We like finding cows that are not necessarily show cows and seeing them all the way through," Kevin reflected in a Farmshine interview by phone.

In fact, their intermediate champion at the 2024 World Dairy Expo came out of a 1000-cow dairy herd and was never on a halter.

Last year was a bit tougher, though, for Twigs. She was late in lactation and new to the ring, just getting accustomed to the lead, the lights, the people. Still, she was honorable mention grand champion at The Royal last year.

"It's rewarding to see her make the steps to do so well this year – with the amount of time Lindsay puts in with her –

turn to page 20

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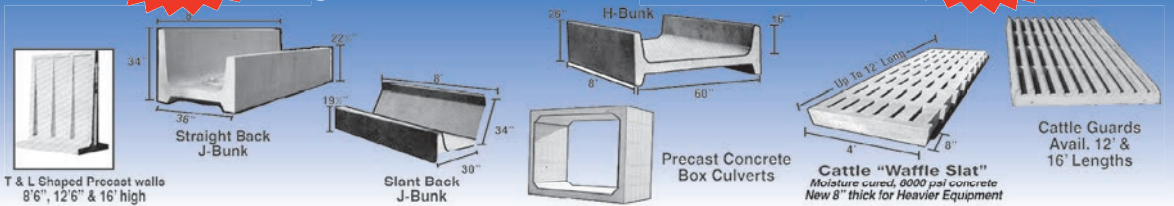


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With the large number of people of all backgrounds and ages that are attracted to the Troy Fair each summer, some one wondered why not make this a platform to promote na-

ture's most perfect food? And so they did. Pictured from left to right: Jack Thomas, Landon Jenkins, McKenzie Slater, Scott Plank, Cassie Campbell, Clark Slater, Jerry Slater, Curtis Kel-

logg, Regina Roosa, Rose Mangiaruga and Faith Mangiaruga.

Photo submitted

Where there's a will, there's a way. These people proved it.

TROY, Pa. — The sights and smells of the Troy Fair have long been a tradition for residents of Troy and surrounding areas. With a deep past rooted in agricultural history, the 4-H and animal exhibition barns are among some of the most vivid memories for long attending fairgoers. With this, one passionate dairy farmer wanted to connect the past to the present utilizing this venue.

Troy Fair Dairy Day took place on Friday, July 26th. The Middlebury Milk Cooperative came together to hand out 3250 pints of milk. As wagons packed full were wheeled around town, businesses around the area were happily surprised to receive both whole chocolate and white milk varieties on a hot summer day.

Additionally, community members around the fair and throughout the animal barns were equally delighted.

So, where did this milk come from, and how was this event organized? There were months of preparation that went into making this day happen. A local dairy farmer from Bradford County had an idea to utilize the opportunity that was in front of him. With the large number of people of all backgrounds and ages that are attracted to the Troy Fair, why not make this a platform to promote nature's most perfect food?

These farmers dedicate their lives to producing wholesome, quality milk from happy cows. They truly care about the quality and nutrition of the products that end up in consumers' hands. Much pride goes into farming, as it's not just their job, but their life.

Leading up to this event, members of Middlebury Co-op wrapped round bales in plastic and took them to the fairgrounds. There, volunteers painted these bales with various sayings promoting milk consumption such as "Real Dairy Is

Delicious" and "Refuel with Chocolate Milk". The goal was for fairgoers to have a positive interaction with real farmers and maybe even receive some education from the event – bridging the gap from farm to table.

Moreover, the dairy tent set up in the lower meadows had games and prizes for kids to learn more about where their food comes from.

Dairy Day was sponsored by many generous local businesses and farmers. Their commitment to promotion and outreach of dairy promotion has a large influence on the com-

munity. One notable donation came from Allied Milk Producers, who donated \$2000 to support the overall outreach and milk give-away.

Allied assures that the hard-earned checkoff dollars of dairy farmers are allocated purposefully by giving "information to an ever-changing consumer base." Daily consumption of dairy products truly does matter. Middlebury Co-op hopes to continue this event each year to positively impact consumers' perception of whole milk and initiate connection with consumers.



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PURPOSE - The Maryland Holstein Futurity is a project of the Maryland Holstein Association to stimulate interest in the breeding and exhibiting of outstanding registered Holsteins in Maryland. The event recognizes the accomplishments of the small and the large breeder and the FFA and 4-H member.

PROCEDURE - This Maryland Futurity is to be designated

No. 44 and each succeeding, numbered consecutively. This Futurity is based upon the nomination of an animal by her owner, to be shown in the Futurity class at a designated show in the year she is of eligible age. Four nominations (payments) are required for each animal that competes in the Futurity - the initial nomination as a calf; a renomination as a yearling; another as a 2-year-old; and the final nomination as a 3-year-old. All nominations are the responsibility of the owner and must be made on regulation entry blanks accompanied by specified fees and postmarked by nomination dates and other rules as set forth below.

ORGANIZATION - This Futurity is sponsored and governed by the Maryland Holstein Futurity Committee of the Maryland Holstein Association.

ELIGIBILITY - Any registered Holstein female born September 2023 through August 31, 2024, is eligible for the 2027 Maryland Futurity. Pedigree requirements will follow those established by the Maryland Holstein Show Committee.

FEES

1st payment of \$2.50 due on or before December 31, 2024
 2nd payment of \$4.00 due on or before July 31, 2025
 3rd payment of \$6.00 due on or before April 30, 2026
 4th payment of \$10.00 due on or before January 31, 2027

NOMINATIONS - A breeder may nominate any number of females.

**Optional full initial payment of \$15.00 can be made*

PURSE - Purses in this event shall consist of all monies received by this association in connection therewith by way of nomination fees, subsequent payments, plus all other monies received from any person or persons or Fair Association sponsors of this show, etc., except the first payment, which may be used for promotion of the Maryland Holstein Futurity if the Board of Directors so chooses. All Futurity monies shall be kept in a separate Futurity fund and used only for Futurity purposes. Should participation decline, the purse will include only those monies available for Futurity No. 43 based on percent of existing schedule.

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| 4 7% of purse | |

SURPLUS - The Maryland Holstein Futurity Committee may increase premiums at any time if monies are available. Should fewer than 30 animals show, the awards shall not be increased. The account and the unclaimed awards shall revert to the Maryland Holstein Association for use in the following Futurity. Should any condition arise that prevents the showing of this Futurity, the right is reserved to call same off and to pay to the persons owning the calves eligible at the time of said calling off, their pro-rate share of all monies accrued in the division called off, after deducting the actual expenses of this Association in the promotion of said Futurity.

MAINTAINING ELIGIBILITY - Eligibility after an animal has been nominated as a calf is maintained by making subsequent payments on the due dates as specified heretofore. This responsibility rests solely with the owner, and failure to make the next payment cancels eligibility and all previous fees become part of the purse.

SALE OF ELIGIBLE ANIMALS - When an animal entered in the MD Holstein Futurity is sold, the eligibility may be maintained by the new owner, and it shall be the new owner's responsibility to inform the Futurity Committee of change in ownership. The seller must inform the buyer that the animal purchased is already entered in the Futurity, and it will be the responsibility of the buyer to submit subsequent fees in accordance with rules and closing dates.

MISCELLANEOUS - The Maryland Holstein Association nor the Maryland Holstein Futurity Committee is in no way responsible for the condition of the premises in which the Futurity is held and is not liable in the event of accident or loss to persons or property. All matters pertaining to the showing of the Futurity are subject to the rules, regulations and health requirements of the show at which the Futurity is held. Final entries for the show to be held at the Maryland State Fair must be made through the Maryland State Fair entry system at no additional cost.

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		Name	
		Reg. No.	Born

Entry #	Tag #	ENTRY INFORMATION	
		Name	
		Reg. No.	Born
		Name	
		Reg. No.	Born
		Name	
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		Name	
		Reg. No.	Born
		Name	
		Reg. No.	Born

Owner: _____
 Address: _____
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HAUSA announces revised linear scale for Stature

BRATTLEBORO, Vt. — Holstein Association USA will implement a revised linear scale for scoring Stature into the Classification program beginning on December 1, 2024. This updated scale is based on a cow measurement project conducted in 2023 by Dr. Jeffrey Bewley, Holstein Association USA Dairy Analytics and Innovation Scientist.

“In our objective measurement study, we determined the average and range of Hol-

stein cow stature was larger than our old scale reflected,” said Dr. Bewley. “This change will allow classifiers to assign linear scores more reflective of the current Holstein population, which will improve data quality for conformation and genetic analyses.”

The updated scale now ranges from 55” to 65”, which is an increase from the previous scale that ranged from 51” to 61”. Every

turn to page 25

Top technology used at N.C. A&T

ARLINGTON, Va. — North Carolina Agricultural and Technical State University (N.C. A&T) is the largest historically black college and university in the country, with roughly 13,500 students studying topics from accounting to biomedical engineering to visual arts.

It’s also the only historically black institution of higher learning with an operating dairy unit — one that, since 2006, has been a proud member of the Maryland & Virginia Milk Producers Cooperative Association.

The dairy covers 27.5 acres of N.C. A&T’s 492-acre University Farm, located just three miles from downtown Greensboro, N.C. It’s set up to demonstrate the pasture-based system of farming to some of the 1100 students pursuing various degree programs in the College of Agriculture and Environmental Sciences.

The 57-animal herd of both Jerseys and Holsteins—including 25 milking cows, as well as young stock, dry cows and heifers—rotate pastures roughly every three days. The university uses this model because it is a popular solution for small farms in North Carolina to lower overhead costs.

“Our key here is to get hands-on experience, whether that be milking cows, using equipment, learning pasture-based stuff, learning grazing methods, learning different methods of milking,” said Corey Burgess, unit coordinator at the N.C. A&T dairy.

“We try keep up with the highest technology at the dairy and our goal is to get the students the most exposure and get them ready for the industry — whether that’s industry work or teaching.”



Lindsay Bowen and Jeffrey Way Hard Rock Twigs get the top nod at The Royal, where Twigs was grand champion Holstein and supreme champion dairy cow after being grand at the World Dairy Expo. RAWF photo by Cowsmopolitan

‘Diamond in the rough’ from page 16

and to see her now actually enjoy being a show cow,” Kevin added.

What’s special about Twigs? The focus of that show was on the pair of phenomenal lifetime production cows named Footloose and Shakira. After that score was settled, Twigs commanded attention from the judge in the lineup for senior and then grand.

“When you can compete with two cows of that caliber, you know in your gut, you are competing with two of the greatest cows to ever walk the earth,” said Kevin.

“Twigs has that combination of strength and style and blends it together well. She’s a massive cow, yet so feminine and dairy, the way she keeps that mass in her midsection,” he described further the third lactation 4-year-old that calved last March, now turned 5 and bred to calve again next spring.

As co-owners and caretakers of Twigs, the senior and grand champion; as well as RJR

Discjockey 7509-ET, the intermediate champion co-owned with Conroy and Butlerview; along with the junior champion spring yearling Genessee Altitude Leah, co-owned with Conroy, Clark Valley and Osinga — the clean sweep was complete.

Garnering the International Holstein Show junior, intermediate, senior and grand champion banners is something that’s not happened at World Dairy Expo before — not that we can find in the record. This is especially unique given that Kevin and Lindsay were not just partners in ownership, they took care of all three with their other cattle on their Ohio farm.

How did it feel to reach such a milestone? “It was insane, to compete at that high level, we hold to high expectations, but that one was so unrealistic, it was never even a figment of our imagination,” Kevin replied. “But the stars aligned.”

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Feedworks USA hires Culbertson

CINCINNATI, Ohio — Feedworks USA, Ltd., has hired Becca Culbertson as technical support manager. In this new role, she will work closely with Feedworks USA's suppliers and field specialists to assimilate the company's research data into technical and marketing formats for producer and nutritionist education. She will also help direct and manage new commercial research trials to better demonstrate and confirm product benefits within the Feedworks USA portfolio of feed ingredients, plus engage with stakeholders to support business objectives.



Becca Culbertson

Additionally, Culbertson will help Feedworks USA promote initiatives aimed at reducing carbon emissions, and help producers capture carbon credits and advance their sustainability efforts.

"Our business has grown significantly, enabling us to hire recent master's and PhD graduates who complement our existing team well," says Tom Elliott, national ruminant manager at Feedworks USA. "Becca is already accomplished in her field. Her expertise and enthusiasm, combined with the deep knowledge and experience already on staff here, immediately boost our ability to conduct field research and regularly create useful educational content that will help producers and nutritionists make product deci-

sions based on science."

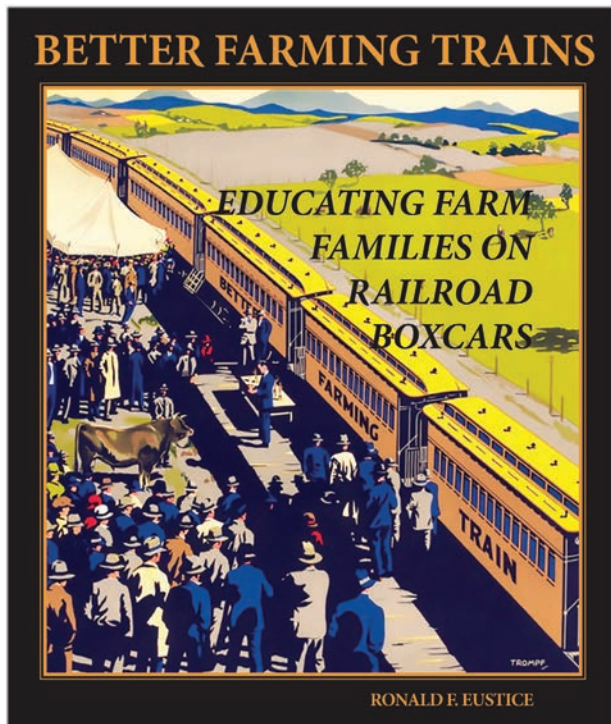
Before joining Feedworks USA, Culbertson earned her master's degree in animal science and was a graduate research assistant at Cornell University. In that role, she investigated interdisciplinary methane mitigation solutions to support climate health; designed and executed scientific experiments with a focus on enteric methane mitigation; managed and trained

a large team of undergraduate students assisting with data collection and sample preparation; and communicated the university's scientific discoveries to industry and the public.

At Cornell, Culbertson graduated with several prestigious honors, including recognition as a 2024 Presidential Management Fellow Finalist, a 2024 Reppy Institute Graduate Fellow, and a 2023 International Livestock Congress Graduate Fellow. She earned her bachelor's degree in animal science at California Polytechnic State University, San Luis Obispo, graduating Summa Cum Laude as the Valedictorian of the College of Agriculture, Food and Environmental Sciences.

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"I hear the train a comin'; it's rollin' 'round the bend!" That is how a popular Johnny Cash song starts. Farm families in the early 1900s might have been singing a similar song as they waited for the Agriculture Demonstration Train to arrive at their local train station. So what were agricultural demonstration trains?

"Better Farming" trains or Agricultural Demonstration "Specials" were operated by railroad companies in cooperation with state agriculture agencies, the United States Department of Agriculture, and agriculture colleges.

In the United States, demonstration trains first became popular in 1907. That year, five states were running demonstration trains. Between 1910 and 1911, the number of operating demonstration trains nearly doubled. By the year 1911, 71 trains were traveling through 28 states.

Agricultural experts (often university professors and state department of agriculture employees) staffed the exhibits. They presented lectures and demonstrations in specially outfitted cars.

The exhibits displayed and topics presented on the trains depended upon the needs of the areas that the trains visited. The trains carried prize livestock and farm equipment. There were special exhibits and programs on home making and housekeeping for the ladies. Children were encouraged to attend and many schools were closed for the day.

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GLUTEN-FREE COOKING

If you or someone in your family is on a gluten-free diet, I'm sure you are well acquainted with the in and outs of it. But if you, like some of the rest of us, are still figuring it out this column is especially for you. Now you can invite your gluten-free friend and serve a scrumptious meal, all of which you can enjoy together.



Here is a simple menu. Everything listed is gluten-free. Use your favorite mashed potato and green bean recipe.

Menu

- Roast chicken & Gravy
- Mashed potatoes
- Green Beans
- Corn Muffins
- Gluten-free pumpkin pie

Classic Roast Chicken

- 1 6-8 lb. chicken
- 1/2 cup butter
- 3 tablespoons chopped parsley
- 1 tablespoon dried sage
- 1 tablespoon thyme
- 1/2 teaspoon ground cloves
- 1 teaspoon pepper

Preheat oven to 350 degrees. Mix butter and spices. Rinse chicken and pat dry. Rub butter mixture under the chicken skin on the breast and legs. Sprinkle lightly with salt. Move oven rack to the lowest position. Place chicken, breast side up, on rack in a roasting pan. Roast chicken until skin is golden brown and a thermometer inserted in the thigh registers 165 degrees, about 15 minutes per pound. Transfer to cutting board and allow it to rest 10 minutes before carving.

Gravy- Pour grease out of the roasting pan. Deglaze the roasting pan with 1 1/2 cups hot water. Pour into a small sauce pan. Bring to a boil and thicken with 3 tablespoons cornstarch dissolved in 1/3 cup of cold water.



Corn Muffins

- 3 cups corn meal
- 3 teaspoons baking powder
- 1 teaspoon salt
- 1 cup sugar
- 1 1/2 cup milk
- 2 eggs
- 1/2 cup oil

In a large bowl combine dry ingredients. Next add eggs, milk and oil. Stir well. Pour into greased muffin pan, filling each about 3/4 full. Bake at 425 degrees for 15-20 minutes.



by Cherlyn Beachy

Gluten-Free Pumpkin Pie

- Crust:
- 3 cup rice flour
 - 1 1/2 cup butter
 - 2 eggs
 - 2 tablespoons water

Put flour in food processor, cut in butter and process a few seconds till crumbly. Add eggs and water. Process lightly. Divide in half. Roll out each half between wax paper or plastic wrap. Place in two pie pans. Using a fork prick several holes in each crust. Bake at 425 degrees for 5 minutes.

Filling:

- 2 eggs, separated
- 1 1/2 cup milk or cream
- 2 cups pumpkin
- 3/4 cup brown sugar
- 1/2 teaspoon salt
- 2 teaspoons pumpkin pie spice

Beat egg whites. Starting with the milk/cream, place all remaining ingredients in blender. Blend on medium speed until pureed. In a large bowl fold together with egg whites. Divide between the two pie crusts. Bake at 425 degrees for 10 minutes then reduce oven temperature to 325 degrees and bake for an additional 35 minutes.



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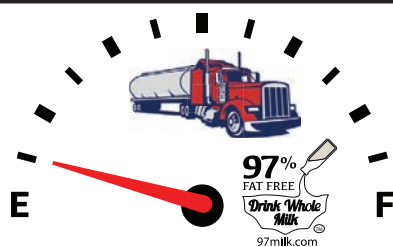
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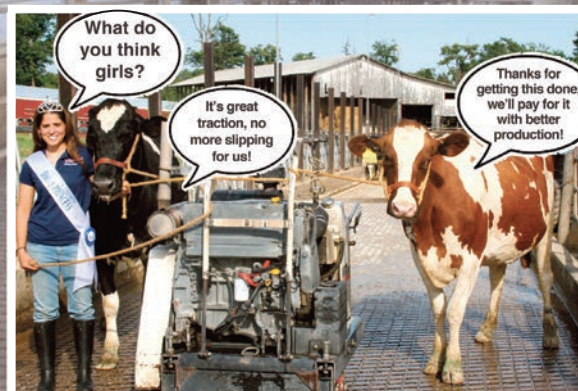
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USDA Standoff?

Ag journalist Chris Clayton is reporting on DTN that a standoff is brewing at the USDA between current Ag Secretary Tom Vilsack and the Trump transition team. Vilsack has urged the Trump team to sign “key ethics documents required by the Presidential Transition Act as soon as possible” so they can start the process of “educating folks... about what they are walking into,” and so the next Secretary of Agriculture “can be fully prepared for the job she is undertaking.”

After 12 years at the helm of USDA, with a 4-year intermission between the Obama and Biden Administrations, pulling a cool million in dairy checkoff salary, Sec. Vilsack has watered down dairy in the WIC program, mangled the recently completed Dietary Guidelines Advisory Committee selection and recommendation process, further deflated whole milk and dairy’s position in the school lunch and other nutrition programs, and has been tightly tied to his pet projects, especially the climate-smart partnerships he lobbied the Senate for in 2018 while working for DMI, given the ‘slush fund’ appropriated through the so-called Inflation Reduction Act that many describe as the undercover Green New Deal. For that initiative, alone, Vilsack told the House Ag Committee a year ago he was hiring 4000 new USDA employees and that 4000 more would be needed at local levels to gather data, do the monitoring, and herd farmers into the data-collection squeeze chute to participate in climate-smart projects. The House Ag Committee expressed their concern about funds getting to actual farmers.

Hog wrestling strategy?

One could say there are a lot of pigs at the USDA climate trough. The whole deal needs a good auditing to see how much of what was spent or promised is getting into the hands of actual farmers and their on-farm contractors vs. going into the black hole of bureaucracy.

While Trump’s Ag Secretary-Designate Brooke Rollins, still to be confirmed by the Senate, is only the second woman nominated to head the USDA, don’t let her femininity fool you. One thing we learned watching Rollins, 52, as a guest on legendary football coach Lou Holtz’s Nov. 4th Show about faith and leadership, this Texas Aggie was a hog wrestling champion.

Holtz asked Rollins about the hog wrestling title. It was 10 years ago when she and her sister Ann went to Bandera, Texas for an annual festival. They decided that year to enter the annual Wild Hog Explosion Contest. They won, even set a record, against younger women in the competition.

Rollins recalled: “We had a strategy and a plan, which seems to be a common theme in my life. You always have to have a strategy, and you always have to have a plan. We had a plan to wrestle that wild hog – and he was a wild, big hog – and put him into a bag and drag him across the finish line.”



Milk Market Moos

by Sherry Bunting
agrite2011@gmail.com

A mom-coach could do wonders

USDA Secretary nominee Rollins also revealed that while coaching her daughter’s softball team a few years back when she was 10, they wrote their own mission statement that hung on the fence for every game. “Coaching is a reflection of life, to be our best, work as a team, have a common goal, never give up, and go for the win, every time.”

Rollins and Holtz talked of her leadership style to “find amazing people” to build teams that work together “not caring who gets the credit, but what gets accomplished.”

When asked the Bible verse most meaningful in her life, she said for this season in time “with the arrows slinging every which way,” Joshua 1:9 “Be strong and courageous. Do not be afraid; do not be discouraged, for the Lord your God will be with you wherever you go.”

One that strikes a chord throughout her life is: Matthew 25:40: “Whatever you did for one of the least of these brothers and sisters of mine, you did for me.”

When it comes to USDA’s failed nutrition policy, this verse rings true. It’s also worth noting that Rollins is a mother. That may be just what USDA needs at the top! Mom’s understand the school meal and school milk issue! Can we imagine how many more hungry children could be nourished if USDA devoted funds to the food that are now going to the bureaucrats calculating fat percentages and other criteria to regulate schools so they don’t violate the fat limits; and how much better off those children most reliant on school meals would be if they could choose nutrient-dense delicious whole milk, 3.25% healthy fat.

What’s up with milk production

The USDA NASS milk production report showed total U.S. milk production was up 0.2% in October vs. year ago. Meanwhile, milk production in the 24 major states gained 0.4% over year ago. For Q3, USDA estimates total U.S. milk production virtually flat vs. year ago.

In the East and Mideast, October’s milk production was generally steady vs. year ago. USDA estimates for Northeast and Midatlantic: Pennsylvania up 0.6%, New York up 0.2%, Vermont and Virginia down 0.5%; In the Southeast, Florida down 0.6% and Georgia up 1.9%; In the Mideast: Michigan up 0.5%, Indiana up 0.3% and Ohio down 0.2%.

Midwestern milk production slipped 0.2% and 0.5% in Wisconsin and Minnesota, but grew across the Central Plains, up

3.3% in Iowa, up 4.2% in Kansas, up 9.6% in South Dakota.

Southwest milk production grew a substantial 8.8% vs. year ago in the No. 3 milk producing state of Texas, while New Mexico continued its decline, off 4.4%.

California is in the midst of an escalation in bird flu with production down 3.3% vs. year ago. USDA APHIS reports 261 herds have had the virus in the past 30 days in California, 436 since the first outbreak there in September.

Class III milk slips lower despite less cheese

Despite USDA again reporting cheese stocks smaller than a year ago for the 8th straight month, dwindling to levels 8% below year ago, the CME spot cheese price headed south this week, dragging Class III milk futures lower too. On Tues., Nov. 26, Class III milk future averaged \$18.77 for the next 12 months (Nov24-Oct25), losing 29 cents/cwt – more than was gained last week. Class IV milk futures were mixed, but the 12-month average fell a dime to \$20.85.

CME dairy lower, but whey skyrockets

Dairy product prices on the CME daily spot market lost ground across the board this week, except dry whey gained an unprecedented nickel per pound, reaching just shy of what would be a near record 70 cents per pound.

On Tues., Nov. 26, the ‘market clearing’ dry whey price on the spot CME was a whopping 69 cents/lb with 6 loads trading over the 4 days pre-holiday. That’s more than a dime per pound higher than the weekly USDA National Dairy Product Sales Report price that has lagged all year and is the one used in the Federal Milk Marketing Order pricing formulas. Whey is usually the commodity to watch in relation to future milk prices, but it’s not translating. The 40-lb block cheddar price was pegged 4 cents lower at \$1.6950/lb with just 2 loads trading over 4 days. Pegged at \$1.64/lb, the 500-lb barrel cheese price lost 9 cents per pound with 8 loads trading across the 4 days.

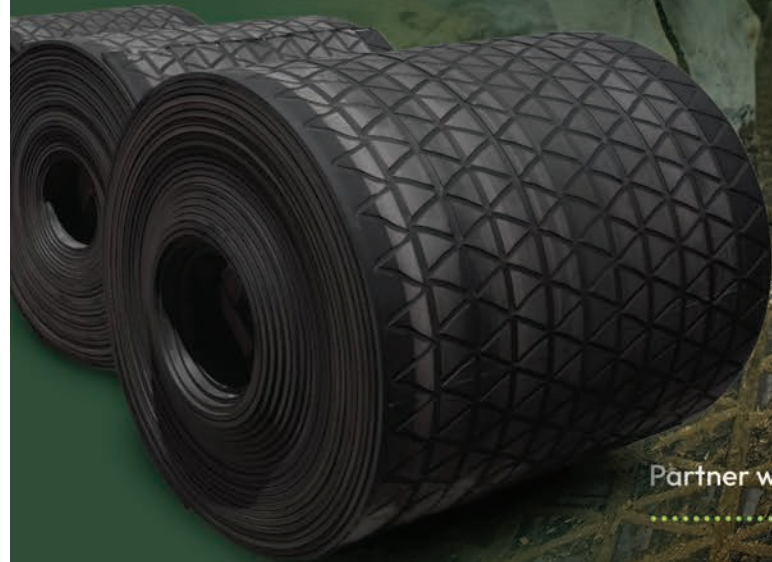
On the Class IV side, the spot butter price fell 11 cents per pound, pegged at \$2.4850/lb with 18 loads trading. Nonfat dry milk lost the penny gained last week, pegged at \$1.39/lb with 21 loads trading in 4 days.

Live cattle imports from Mexico ‘paused’

USDA APHIS will halt cattle imports from Mexico due to a detection of New World screwworm (NWS) in Mexico Nov. 22. It was discovered in a cow at an inspection checkpoint close to Mexico’s border with Guatemala. USDA reports that around 5% of feeder cattle placements come from south of the border, meaning this pause in live cattle imports will further tighten beef supplies. The USDA cold storage report indicates red meat supplies continue to run below year ago levels.

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Georgia Dairy Conference features symposium, Jan. 20

SAVANNAH, Ga. — The Georgia Dairy Conference in January is open for all farmers and guests. It will be preceded again in 2025 by the GDC Pre-Conference Symposium. The 2-hour informal session will take place on Monday, January 20, starting at 9:30 a.m.

Sponsored by Balchem, smaXtec, and Church & Dwight, the pre-conference symposium will focus on new technology and services that are driving Georgia's dairy industry forward. Producers and related dairy industry professionals are invited to stop by the symposium to hear from an outstanding lineup of speakers.

The Georgia Dairy Conference is a 3-day event, to be held from Monday, January 20, to Wednesday, January 22, at the Marriott Savannah Riverfront Hotel & Conference Center, 100 General McIntosh Boulevard, Savannah, Ga.

Bedding choice — from page 12

rials were at higher risk for having a positive bulk milk tank culture for Staph. aureus compared with new sand bedding. In this study, the use of recycled manure bedding was generally associated with higher bedding bacteria counts, dirtier udders, increased coliform and streptococci-like organism counts in bulk tank milk, and poorer herd-level udder health compared with herds using organic materials, reused sand, or new sand (Patel et al., 2019). Similar results were found in the 2020 study that ranked the prevalence of bulk tank bacteria from highest to lowest for farms using recycled manure, followed by wood products, straw, and sand (Robles et al., 2020). Whichever bedding material is being used for milk cows, frequent grooming and rebedding of stalls is critical to reducing bacteria which can help keep new mastitis infections from arising.

Farms battling high SCC issues are often overwhelmed with determining the root cause of their problems. Determining what bacteria are present, where those bacteria originate, and how those bacteria are passed are all important steps in combating the problem. If environmental mastitis is the source of your problems, make sure you take a closer look at the bedding choices you are using as well as the management factors in maintaining that bedding.

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Rafi Lopez of Camuy, Puerto Rico was among the first to recognize something special with some of his dairy cattle. The "slick gene."

HAUSA adds 'slick gene' to pedigree information

BRATTLEBORO, Vt. — Holstein Association USA has updated Official Holstein Pedigrees to include designation for animals carrying the Slick gene, when genetic test results are on file in the Holstein herdbook database. On a pedigree, it will be displayed in the row above an animal's name.

"We are excited to make this enhancement to our Official Holstein Pedigrees," said Lindsey Worden, Chief Operating Officer. "Breeders interested in these genetics have been asking for this for some time now."

Slick cattle have a natural genetic mutation of the prolactin receptor gene which results in a shorter hair coat. The mutation is dominant so an animal with one copy of the gene will have improved ability to regulate body temperature during periods of heat stress when compared to non-Slick cattle. This is a natural mutation originating in the Senepol, Carora, and Criollo cattle breeds from the Caribbean.

The Slick mutation was introduced to the Holstein breed in the 1980's. Research from Florida and Puerto Rico has demonstrated that cows carrying the Slick gene may produce more milk and conceive sooner during heat stress periods than non-Slick cattle of similar genetic merit. The degree of potential benefits will vary depending on the length and magnitude of heat stress periods in an area. The impact of the Slick gene on cold stress has not been quantified.

The following codes will be used to designate animals with official gene test results on file:

SLH= Homozygous for Slick

SLC= Heterozygous for Slick

Breeders who have previously tested animals and would like to have results added to pedigrees can forward lab reports to: labresults@holstein.com.

HAUSA announces from page 20

one-inch increase in stature is a five-point increase on the scale.

Below is the updated scale for reference:

55" = 1	59" = 20	63" = 40
56" = 5	60" = 25	64" = 45
57" = 10	61" = 30	65" = 50
58" = 15	62" = 35	

The intent of this update is to ensure there is a normal distribution of Stature scores, and that the scale most accurately represents the biological range of today's Holstein cow. This change started as a recommendation from the Conformation Advisory Committee and was later approved by the Holstein Association USA Board of Directors.

Holstein Association USA's classification program helps dairy farmers make important management decisions and adds value to the marketability of dairy cattle. Classifiers evaluate 17 individual traits in five major dairy scorecard breakdowns, providing an unbiased and accurate evaluation of dairy cattle.

To learn more about Holstein Association USA's Classification program or sign up, visit www.holsteinusa.com/programs_services/classification.html. Holstein Association USA also provides classification services for the Ayrshire Breeders' Association, American Guernsey Association, and American Milking Shorthorn Society.

Give T-shirts for Christmas!

Two styles of Farmshine T-shirts are available in various colors and sizes.

Dairy Farmers Squeeze to Please -- a Farmshine original since 1981, has been a big seller for well over 30 years. It is available in either golden yellow or medium gray.

Cows Got Milk ... Providing Goodness Worldwide is a Farmshine original, introduced in 2013. It is available in lime green, medium gray, light yellow and pink. The shirt's message is meant to help convey a positive message about milk to the public.

Both T-shirt designs have the familiar Farmshine logo on the back.

We invite you to wear any of these T-shirts. Mix or match in any quantity. Postage is included in the price and discounts are available for orders of 10 or more to the same address.



Modeling the T-shirt is 20-month-old Emily Krieg.



Modeling the T-shirt is 4-year-old Geneva Styer.

Name: _____

Address: _____

Phone: _____

Email: _____

Select design - color - size (Please denote quantity):

SQUEEZE to PLEASE - GOLD	Youth: S <input type="checkbox"/> M <input type="checkbox"/>	Adult: S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL <input type="checkbox"/> 2XL <input type="checkbox"/>
SQUEEZE to PLEASE - GRAY	Youth: S <input type="checkbox"/> M <input type="checkbox"/>	Adult: S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL <input type="checkbox"/> 2XL <input type="checkbox"/>
Cows got milk - LIME	Youth: S <input type="checkbox"/> M <input type="checkbox"/>	Adult: S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL <input type="checkbox"/> 2XL <input type="checkbox"/>
Cows got milk - GRAY	Youth: S <input type="checkbox"/> M <input type="checkbox"/>	Adult: S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL <input type="checkbox"/> 2XL <input type="checkbox"/>
Cows got milk - PINK	Youth: S <input type="checkbox"/> M <input type="checkbox"/>	Adult: S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL <input type="checkbox"/> 2XL <input type="checkbox"/>
Cows got milk - YELLOW	Youth: S <input type="checkbox"/> M <input type="checkbox"/>	Adult: S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL <input type="checkbox"/> 2XL <input type="checkbox"/>

Amount Enclosed: _____

All orders **MUST** be pre-paid. Please be certain to enclose **\$12.50** for each adult shirt and **\$10** for each youth shirt.

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SALE HELD AT FISHER'S QUALITY DAIRY SALES
3304 OLD PHILADELPHIA PIKE, RONKS, PA.

FRIDAY, DEC. 13 • 10 A.M.

Note early start

Approx. 150 head sell

We will be selling many good, young, fresh cows and heifers from overstocked herds and heifer raisers, Reg. and grade, also springers, including 45 top, Reg., young cows and springing heifers hand picked from Cedar Crest Holsteins.

All buyers spending \$1000 receive free 5 lb. cheese.

GROUP 1: CEDAR-CREST HOLSTEINS HAVE NOW BRED 75 EX COWS (21 OVER 92) AND 191 VG COWS! THEY SCORE AGAIN BEFORE THE SALE.

Jazz leads their group. She's a RED Unstopabull that is due back in spring w/ second calf from the sale-topper from the first sale, Altitude Joyful EX-92 w/ 36120 then the Airliner Joy family which features three Excellent dams w/ records up to 40,000. Also from the Joy family is a RED Pep-Red SR 2 (Jody) x six VG/EX dams. Four more family members sell.

Five from the Golden-Rose Barb Ritzi-Red/ Pronto Ritzi branch of the Audrey Posch family. Firecracker, a VG RED Aristocrat sells as a potential 20th Generation of EXs and she's due back w/ Hulu female. Fabulous is well named, she's a just fresh RC PO Moovin x two VG then 18 EXs. Fashion, RED Rompen huge upside just fresh x 88 Diamondback then 19 EXs. Also Frolic RED Moovin from this family sells due back.

Karmina, VG Select first calf x 88 Rubicon w/ 35580 4.2f x two VG then 8 EX dams including Lana Rae, Tony Rae, & ROXY!

Rascal is an example of Delta Lambda's greatness. She's first calf and first class. Her dam is 2E-90 Solomon w/ 27030 4.4f from 11 VG/EX dams from the Walk-Up Valiant Lou Ella family.

Angel (Jacot) is VG @ 2-7, RC, and due back in spring x 2E-92 Awesome w/ two records over 30000 4.1f x 3E-90 Advent x 91 Gibson x 92 Rudolph x 3E-97 Shoremar s Alicia x 94 Ada! Major Upside!

Lucky Star RC Analyst x 91 Diamondback w/ 38550 3.8f (star of first sale) x 94 Rubi-Asp w/ 43540 3.9f sells from the prolific "L" family that includes 3E-94 Shottle Lullaby w/ 201370m life. 5 more sell from this family including stellar daughters of Delta Lambda, Jordy-Red and Hancock.

Huge future for Dora, VG-86 @ 2-5 Hanans x NC Tatoo x 86 Solomon w/ 39920m x 87 Bolton w/ 32760m 4.2f x 3E-92 GMD Finley two 41,000 records. Three more from this wet family sell!

Destiny is a sensational fresh Sidekick from Garay Alexaner Destiny EX-94, All-Am milking yearling 2011 & made 35480 from five more VG/EX including the dam of Durham and Dundee.

GROUP #2: SPECIAL GUEST CONSIGNMENTS OF BIG-TIME PEDIGREED CALVES AND HEIFERS.

Wet Delta Lambda 2yr old x 87 Doc x Kerndtway McCutchen Dayo 2E-94 w/ 39530 x 13 VG/EX dams including Jolt Daisy 2E-94.

Sharp Sidekick first calf x Nipponia R D Lizabeth 3E-96 x 91 Lee x 2E-94 Acme Star Lily, WDE Champion.

Red Warrior first calf x 2E-93 RC Atwood Lexy, full sis to Lacey 3E-95 x 92 Lauthority x EX-95 Talent Licorice, then 10 VG/EX dams including Ravenswell Lydia EX-92.

Fresh RED Aristocrat first calf x 12 generations of EX w/ records to 36300 4.4f, the Rubens Glamor family!

GROUP #3: MANY GOOD, YOUNG, FRESH COWS AND HEIFERS WITH LOTS OF MILK. If you need milk and pedigree, or just top grades with lots of milk, don't miss this sale!

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Sale staff: Matt Welk, 717-413-7000; Mark Welk, 717-875-8393; Matt Zimmerman, 717-222-0101; Dave Lentz (PHA), 717-329-9202; Cowbuyer: Aaron Ray Tompkins, 336-363-4639.

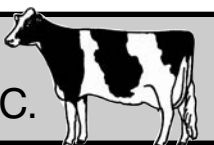
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Aaron Martin, 717-445-4825 (home); Bill Hough, 973-224-0204 (cell).

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ROOFERS BUGGY-RENT for \$125/day or \$500/week. Lancaster Co., Pa. Call 717-808-4155.

10 Feeds

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CERTIFIED ORGANIC mixed grass and clover hay. Call from 7a.m.-4 p.m. 717-463-9731, leave message.

ROUND BALES OR LARGE squares. Delivered by ton loads. Coons Farms. 717-816-4118.

HAYBUSTERS - Dairy and beef quality alfalfa, low K hay and straw. Large and small squares. Call Mark at 800-371-7928, or visit www.haybusters.com.

12 Straw & Bedding

CHOPPED STRAW in 3x3x6 bales. Good for bedding or TMR mixers. Available now. Lebanon Co., Pa. Con-Ger Farms. 717-821-1454.

HIGH QUALITY SAWDUST available for delivery. Great sawdust for dairy and beef cattle. Call 301-334-6212 for delivery range, pricing and availability.

USE BALED SHAVING in your dairy barn. You'll love this very fine pine bedding. \$5.50/ 40 lb. bag. 610-273-3602.

HAY OR STRAW-any type or quality. Call 717-253-6049 for pricing.

14 Tractors

INTERNATIONAL 3088, ROPS, 5670 hours, 4 new tires, professionally repainted. Excellent condition. \$18,500. Sullivan Co., Pa. 570-419-8981. (11/29)

AUTO-STEER KITS. AT1 and AT2 GPS guided auto-

steering kits by FJDynamics. Easy to install, simple to use. No hydraulic modifications to tractor. Call for details and pricing. 717-400-7917.

15 Vehicles & Trailers

TRAILER PARTS, TOWING accessories, trailer hitches, and cushion hitches. UPS to your door. Weaver Distributing. 800-Weaver-D. Save!

16 Fencing

SERVICING ALL BRANDS of fences. 717-723-3175.

TIMELESS FENCING - The post is the insulator. Versatile design is self-insulating and easy to install for sheep, goats, cattle & horses. Allegheny Meadows. 814-285-1541.

17 Silos

SILO UNLOADER WINCH; Harvestore silo sheets. 717-363-6741.

USED A.O. SMITH model 1250 Slurry Pump with agitation nozzle and load out line. 717-463-9731.

PUBLIC AUCTION

ROWE RETIREMENT FARM MACHINERY DISPERSAL

Located on the Fisher Wells Farm (formerly Walters Brothers)
27191 Rt. 220 MILAN, Pa. (Bradford Co.)
8 Miles S of Sayre, PA NY/PA border (NY Rt 17)
45 miles W of Binghamton, NY ~ 30 miles E of Elmira, NY

Thursday, DECEMBER 12
Starting 11 a.m. No small items - be on time

**10 TRACTORS—COMBINES—HEADS
SKID LOADER—TRUCKS—FULL LINE
OF GENERAL FARM MACHINERY**

AUCTIONEERS NOTE: The Rowe's have spent a lifetime farming, retirement prompts this dispersal. Everything will be moved down the road a mile to the old Walters Farm (Now Fisher Wells Farm).

**THERE WILL BE NO SMALL ITEMS
STARTING ON BIG MACHINERY—BE ON TIME**



1515 Kepner Hill Rd.
Muncy, PA 17756
570-546-6907 | fraleyauction.com
Lic. AY001971

Visit fraleylive week of sale for pictures and descriptions.

Online and in-person bidding



SILO DEMOLITION. Contact Beiler Silos. Call 570-745-3574.

HARVESTORE SILO ROOFS, affordable white or stainless. Solve spoilage. Sheet replacement, silo demolition. Parts and repairs on Harvestore and stave silos. 717-517-2080.

HARVESTORE SILO REPAIRS, also demolition and removal. Used replacement blue or white silo roofs, door frames, doors, lids, breather bags. Installation available. 717-768-0452.

BEILER SILOS - SILO PARTS, sales and service. New and used silos. Shot-

crete relining. Foundation repair with Shotcrete. Tear down and rebuild. Silo doors made to order. 20 years experience. Serving Lycoming and surrounding Co. Jersey Shore, Pa. 570-745-3574.

I BUY USED SLURRY-STORES. 315-404-6721 or 315-495-6506.

REMINDER! MARK YOUR CALENDARS!

**HOLIDAY ALL BREED DAIRY SALE
110 HEAD SELL!**

Saturday, December 7, 2024 • 11:00 A.M.

Location: Hosking Sales Facility. Directions: 6096 NYS Route 8, New Berlin, NY 13411. 30 miles South of Utica on Route 8, 6 miles North of New Berlin

*We will be selling Holsteins, Jerseys, Milking Shorthorns and Swiss.
R&W Holstein Service Bull - 6 EX dams, Jersey Service Bull, both Registered.
Plenty of deep pedigrees. Heifers and young milking age to take home and develop.*

A FEW LATE CONSIGNMENTS:



Tiger-Lily Apple Pie-Red-ET
2E-94 @ 6Y
5-08 365 36,320 4.8 1744 3.2 1148
R&W Res. Jr. AA 5Y 2022
Res. GC Jr. Show Int. Spring R&W 2023
Her R&W dtr. sells x Analyst - potential 10th gen. EX! She is due just before the sale to sexed Alpha and looks awesome! Her calf will also sell.
Fantasy-Found



Luck-E Damion Tassell
2E-94 @ 7Y
7-08 365 26,910 3.9 1148 3.2 933
Selling her R&W gr'dtr x Journey, fresh Sept. and looks great. This is one impressive young cow to take home. Dam VG-86, next 5 dams EX.
Clover-Patch



Elliot's Regency Corrina-ET
EX-93 @ 5Y
4-09 305 25,570 4.5 1162 3.3 849
Nom. AA 4Y 2019 (4th WDE)
Her dtr. sells x VIP VG-85 @ 2Y fresh in Oct. and looks great. 2D: Chilli Premier Cinema-ET EX-93 w/show records & sold for \$185,000 in 2019, 3D: Family Hill Connection Chilli EX-91, 4D: Pleasant Nook F Prize Circus EX-97, 5D: Family Hill Brook Citrus EX-91. What an opportunity to get into a proven show winning family!
G. Evans & J. Zimmerman

Check out last week's ad for other great consignments. This sale will not disappoint with plenty of fresh cows, bred & springing heifers and a few 1/2 lots from great pedigrees.

****Trucking Assistance - Call the Sale Barn or check out our trucker list on our website.**

PLEASE REGISTER PRIOR TO SALE DAY!

Cowbuyer will be at the sale. Anyone buying on Cowbuyer: Immediate payment is expected to be mailed to Hosking Sales LLC. Your invoice will be emailed to you with all the info.

SALE MANAGED BY:
Hosking Sales
COMPLETE AUCTION SERVICE

Tom & Brenda Hosking and Family
6071 State Hwy. 8, New Berlin, NY 13411
Phone: Tom 607-972-1770 | Brenda 607-972-1771 | Dan 607-972-8773
www.hoskingsales.com • Like us on facebook

PUBLIC AUCTION

Dry Run Complete Dairy Herd Dispersal

2145 Cronrath Road, Watsonstown, PA

Friday, DECEMBER 13, 2024
Starting 11:00 a.m.

**200 HEAD (100 COWS/100 HEIFERS)
RHA 29,800 1265 902 (AVG. 86 LBS. DAILY)**

- 100 milking age, (39) 1st calf, (27) 2nd calf, (34) 3+ calf
- 30 fresh last 60 days, 36 on service, 30 pregnant, 7 dry
- 28 bred heifers, 19 on service, 43 from 3 months - 13 months old
- Vacc 11/20 Vira Shield 6+LS HB, 11/11 heifers Bova Shield Gold (2 shot)

Select Sires breeding for years
Freestall/Parlor Trained

One of the finest herds to ever sell in Central PA. Heifers are the best!!!!


Equipment: Rissler 1082 stationary TMR mixer; 24'x60' Sealstore silo; 24'x 80' stave silo; 24' Valmetal ring drive silo unloader; 65' VanDale belt conveyor; 35' Jamesway belt conveyor; (6) Risslers 18" btm conveyors-10'-76'


NOTE: The Truckenmiller Family has farmed here for over 190 years.

FOR MORE INFO CALL OFFICE 570-546-6907
OR BRYAN CHAMPLUVIER 570-637-3944

Owners:
Gary & Alex Truckenmiller
Dan Schrack

Online Bidding:
Fraley Live





1515 Kepner Hill Rd.
Muncy, PA 17756
570-546-6907 | fraleyauction.com
AY001971

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12-4-24 CORNICOPIA ONLINE 2024
12-1 PM ET | Millersburg, OH | kreegerdairy.com

70 Jersey Cows, 180 Bred & Open Heifers Sell
Complete Herd Health & Vac's | AI Sired & Genomic Tested
Fantastic Uddered Young Cows & Well Grown Heifers with the GENETICS to PERFORM
Catalog, Videos, & Bidding at www.kreegerdairy.com

Kreeger
and Associates, LLC

Sale Coordinator: Dave Bennett 989-286-7244

Chad Kreeger 517-294-3484
Brian Landis 574-536-5026
Clay Papoi 517-526-1917
Dave Whelen 517-403-7219

Paul Warner 517-231-8427
Shaun Hyde 989-287-2660
Gabe Papoi 989-444-8275
Jason Cast 402-641-2255

CLOVER PATCH
Kozak's Jersey Dairy, LLC
Alan & Sharon Kozak
10061 Township Rd 301
Millersburg, OH 44654
330-231-7474 330-763-1084

Classifieds

"Say you saw it in FARMSHINE"

SILO DOORS, galvanized steps and latches, poly door panels cut to size for all types of silos. Quality products are always a good investment. Meadow Springs Farm, Gordonville, Pa. Sales brochures and quotes call J. Elmer 717-768-3337 ext.1.

RE-BUILT SILOS, New or used, relines, parts and repairs. Call SR Silos 717-527-4103.

S & S SILO SERVICE - We erect silos, repair silos with shotcrete, repair concrete walls, stone walls, and foundations with shotcrete. Serving the shotcrete and silo industry for 25 years. 610-273-3993.

MANUFACTURERS of silo doors and hardware. Double thick tongue and groove cedar poly and plywood doors. Hardware is powder coated. Agri-Door. Call 717-949-2034.

19 Real Estate

BEAUTIFUL NEW ENGLAND farmhouse in Athol, MA. 5.91 acres, 3 bedrooms. Property includes 3-stall barn, a 2-car garage and a cottage. \$519,000. Call Amanda for more information at 978-317-7370.

SPATIAL LAND MASS AND dwelling featuring two distinct living spaces, large main floor plus a huge base-

ment with level walkout family room with wood burning area. Cozy setting for family gatherings. Deceptively large dwelling. Private views. Located off Route 80 in Northeastern Pa. A rare opportunity for a cash buyer. 717-856-2024.

THE GET-R-DONE REALTOR. Rodney Rice, 717-729-9501. 50 years serving farmers selling, buying, auctioning. Landfarmrec-JAK Real Estate. 717-753-5510.

TO BUY/SELL REAL ESTATE in Pa. call Thomas Hershey at 610-209-7096. Hershey Farm Agency, Inc., HersheyAuctionLLC.com. 800-880-3831.

BEILER-CAMPBELL Realtors and Auction Services, Farm and Land Division. Are you looking to purchase or sell a property in Pa. or Md. Call Chris Taylor, office mgr., 888-786-8715 for an auctioneer or realtor.ctaylorfarms.com.

20 Wanted

LOOKING FOR AYRSHIRE or Lineback heifer calf, Reg. or grade. 223-216-0160.

A2A2 GUERNSEY HEIFERS or cows. 717-529-1233, x1.

CERTIFIED ORGANIC dairy heifers. 2 months old to springers. 570-250-1725.

HOLSTEIN, JERSEY and/or Ho Jo's freestall dairy milking

herds/groups and complete heifer programs for expansion. All sizes/types needed. 570-504-4443. (12/6)

BUYING OLD ISSUES OF Holstein World, Jersey, Brown Swiss, etc. (all other dairy cattle breeds) magazines, sale catalogs and sire directories. 716-255-5625.

BUYING HARVESTORE silos & Slurrystores. Call 717-517-2080.

I BUY TRUCKER HAT collections. 215-896-5609.

21 Opportunities Wanted

I'M SEEKING WORK ON family farm with small house. Most any area. Prefer part-time plus. Call 717-816-9693.

EXPERIENCED PERSON seeking full time employment on dairy, beef or horse farm in Western Pa. or Western Md. Some type of housing needed. 717-487-5170.

YOUNG FARMER looking for a dairy farm to rent. Ideally rent to own situation in Pa. or Md. 717-824-1320.

23 Pets

AKC LABRADOR Retriever puppies, yellow and fox red shades. Mom is family pet from service work bloodlines. Ready 12/12. Call or text 717-405-5603. (12/20)

OUT OF RESPECT FOR animal welfare, "Pets or Dogs Wanted" will not be accepted as classified ads. We will continue to accept household pet "For Sale" ads.

Please take care when purchasing, selling or giving away a pet, keeping the animal's well-being in mind.

24 Seeds

SEED GENETICS DIRECT - Roundup corn \$200-\$245 a bag, conventional corn as low as \$133. Enlist E-3 soybeans \$46 a bag. These are top of the line genetics with rock bottom prices. These prices are for ordered and paid by 11/10/24. Martin-Dale Holsteins. 717-445-6548. (2/28)

ALFALFA, GRASS MIXES, oats and sorghum. Hefty brand and Augusta seed corn. Jacobsen GT soybeans. Leabrook Ag, call us at 717-898-9576.

NEED SEED OATS? We can obtain almost any variety. Also publish quarterly oat marketing newsletter. \$12/year. J.C. Goss, Box 312, Hurley, MO 65675, 417-708-7860.

KING'S AGRISEEDS, feeding your farm's future through high energy forages, and soil building cover crops. Lancaster, Pa. 717-687-6224, info@kingsagri.com, www.KingsAgriSeeds.com.

CORN SEED. PRICING starting at \$129/bag (before discounts). De Dell Seeds, the leaders in Non-GMO corn. 519-264-CORN.

ALFALFA, CORN, SOYBEANS and more! Call us for all of your crop needs. Growmark FS-Eighty Four. 724-222-4303, www.growmarks.com.

TRY THE NEW WINNER 2015 World Forage Analysis Superbowl - Alforex Hi-Gest 360 Alfalfa, cutting edge digestibility. Hess Farm Supply 717-354-9492.

SEED CORN - Partners brand, Mid-Atlantic, Prairie Hybrids. Lots of customer satisfaction. Dairyland hybrid alfalfa's quality yield digestibility. Oregon AG, 717-656-0067.

HUBNER SEEDS - Alfalfa, Corn, Soybeans, call Merle Stoltzfus. 717-224-0700.

APPLY AGROWSIL TODAY Quick and long lasting PH increase, increased yields, soil nutrient release, disease and stress tolerance, and drought tolerance. 1-800-850-0527.

25 Miscellaneous

OZOLEA-MAST mastitis treatment. Organic or conventional herds benefit with no milk withhold. 40 ct. case, \$175, free shipping. 610-944-0593. (12/13)

LAND O'LAKES BASE for sale. 814-206-4379.

CUSTOM MADE CLEAR poly carbon doors, including custom manufacturing and repair. Also, hot beds and little greenhouses, stainless steel water troughs, horse barn grills, gates and doors. Sunnyside Welding, Manheim, Pa. 717-361-8853, x4.

STOP FLIES. GREAT products. Fly parasite plans. Cedar solar traps (the best). Zapper that just keeps zapping. www.dairyflyparasites.com. 888-771-3276. Useful Farm Products.

LOOKING TO GET RID of insects? Buy bluebird or tree swallow houses. Plus more. 717-529-2326, ext. 1.

CLEANING OUT YOUR attic? We'll take any magazines, newspaper, books, etc. for old man to shred for horse bedding. Call now. 717-529-2326, ext. 1.

SEE FARMING IN N.Y. through the eyes of an 11 year old. Visit Youtube and search "4th Gen Dairy Farmer" for videos. Call 716-474-1705 for more information.

HORSE, DONKEY AND calf blankets. Reasonably priced. Dealers welcome. Call 717-361-4474.

POLY SILO DOORS - Steel horse hitches; pine shavings; pine bedding pellets; Meadow Springs Farm, Gordonville, Pa. 717-768-3337, ext. 1.

PAINTED MILK CANS - farm scenes \$200 or have one custom painted with cows, horses or any family pet. Carroll County, Md. 410-259-1276.

OLD AERIAL PHOTOS of your farm or home dating back to 1963. Nathan Lewis 888-402-6901 or vintageaerial.com.

27 Livestock

MANGALITSA BOAR AND sow. Proven. Call for price. 717-529-1233, ext. 1.

ANGUS BEEF, READY FOR slaughter. 570-488-6596.

Farmshine Classifieds Order Form

Write your ad on the handy order blank below. We reserve the right to edit wording for readability. Maximum of 25 words. Phone numbers, email addresses and website addresses each count as one word. Each additional word is 25 cents, pre-paid*. Credit and debit cards and checks accepted. Call 717-656-8050, fax 717-656-8188 or email sue@farmshine.net for more information or to place an ad. Must be received by close of business Tuesday to make it into that Friday's issue.

*Free ad offer applies to farms or individuals, up to 25 words, one ad run one to four weeks. If you don't fit these requirements, call 717-656-8050 or email sue@farmshine.net for pricing or information.

Send this form via **mail**:
FARMSHINE
342 E. Main St.
Suite 201
Leola, PA 17540
fax: 717-656-8188
or **email**:
sue@farmshine.net

Highlight my ad for \$10*

PRO 2177 5111 230 type. Berk Co. 555-555-0123.
HIGHLIGHT YOUR AD BY running a yellow screen behind it, as shown here. The more noticeable your ad, the more likely it is to be successful. An additional charge will apply

BULLS FROM OUR BEST

Add a photo for \$20*

attention. 717-333-0123. (3/10)

PATRIOT 2240 SPRAYER. Freshly serviced, all options.

Also available, box ads.

Need to really stand out? 25 words not enough? Want to add more photos? Call us to set up a box ad -- many sizes and color options are available at an affordable price.

*All pricing is PER AD, PER WEEK

Name _____ Phone _____

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Ad Category _____ Please run my ad _____ times. (Maximum of 4. Must call or email to renew.)

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