

news@farmshine.net

www.farmshine.net

Our 45<sup>th</sup> Year

# FARMSHINE

We rise every week to cover farmers and agribusinesses

Farmshine • Volume 45, Number 35 • \$20 one year

Mailed the day before →

May 3, 2024



Emphasis this week:

*Growing, harvesting, storing  
and feeding of forages*



Spring work on a "summer day" outside of Talmage in northern Lancaster County.  
Photo by Dieter Krieg

**PERIODICAL • DO NOT DELAY**

Auctions and events .....	6	Market Moos .....	4
Bird / cow flu update .....	11	Penn State students in Texas .....	16
Brown Swiss sale report .....	17	Pennsylvania Holsteins .....	12
Classified advertising .....	20	PVMA defines career .....	2
Dairy Shrine honoree .....	7	Tips for silo safety .....	8
Editorial .....	5	Tragic death in a silo .....	9
Fresh milk for the needy .....	6	Update on Herr, Wentworth .....	3

**THE WEEKLY DAIRY FARM FAMILY MAGAZINE**

“Appreciate your **common sense** philosophy.”  
 — K.R.H., Virginia



We welcome you to send in your subscription request now. We are THE weekly dairy farm family magazine, since 1979.

Two Years \$38 • One Year \$20

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone or e-mail: \_\_\_\_\_ New / Renewal (Circle one)

Mail with payment to **FARM SHINE**, 342 E. Main St., Ste. 201, Leola, PA 17540

## Cow vets offer definitive info about their work

By **DIETER KRIEG**  
 Farmshine Editor

ELIZABETHTOWN, Pa. — The Pennsylvania Veterinary Medical Association, headquartered here in the northwestern corner of Lancaster County, was quick to voice its displeasure over Farmshine’s initial reporting of two men being arrested and promptly sent to prison. They considered the article very one-sided and want it to be known that crossing over into “their territory” is not something to be taken lightly. It’s serious.

A well-known and highly respected veterinarian in Maryland set the tone on the PVMA’s behalf:

“I would know how to take out a person’s appendix or set a broken bone on a child,” he explained. But I’m a veterinarian. I am not licensed to practice medicine on human beings and if I did so, I would be throwing away my career. I would be arrested.”

According to the PVMA, that’s the heart of the issue facing Rusty Herr of Oxford, Pa. and Ethan Wentworth of Airville, Pa. both of whom are incarcerated for allegedly stepping out of bounds and into the veterinary medicine field. In doing so, they stepped on thousands of toes. “Every veterinarian in the country was insulted by that one-sided initial report that appeared in Farmshine,” declared one caller.

The PVMA’s mission statement “speaks” to what their members do after spending hundreds of thousands of dollars to receive their proper education and training: “Dedicated to ensuring the vitality of the veterinary profession by promoting excellence in veterinary medicine, advancing animal health and welfare, and protecting and enhancing human health.”

Bill Crenshaw, PVMA secretary/treasurer, reached out to Farmshine by way of a letter and a follow-up phone call.

“We’re disappointed that Sherry Bunting did not reach out to the PVMA for comment for her article on the two individuals accused of practicing veterinary medicine without a license,” the letter began. (Sherry did reach out; but was unsuccessful with her attempt and had a deadline pushing her to finish).

“This is an animal welfare and food animal safety concern because of pharmaceuticals that we use,” Crenshaw added calmly. He pointed out the distinctions between a pro-  
**turn to page 18**

## “Faster, better milkouts and higher quality milk. Udder Comfort is the one that works!”

— Matt Nealy



“We decided to get more regimented with our use of Udder Comfort™ and saw our SCC drop from 200,000 to 120,000.”

“Whether they have visible swelling, or not, we make sure to apply the Udder Comfort spray to all fresh udders after each milking for the first 5 to 7 days after calving and see SCC drop right down.”

— Kyle Hirt, Mithva Farms, New Woodstock, NY  
 100 cows, 80 lbs, 120,000 SCC

“Udder Comfort is the best product for fresh cows, any type of swelling, hard quarter, elevated SCC or mastitis. With the Udder Comfort Battery-Operated Backpack Sprayer, we do fresh udders after each milking for 5 days. It really helps our milk quality.”

— Brad Palmer, Pigeon Cove Farms, Warfordsburg, PA  
 440 cows, 94 lbs, 140,000 SCC



## UDDER COMFORT™ Quality Udders Make Quality Milk

**Her Comfort is Our Passion!**

Softer udders ⇨ Faster milking  
 Better quality ⇨ MORE MILK

1.888.773.7153  
 uddercomfort.com



Helping reach their potential since 1998!



For external application to the udder only, after milking, as an essential component of udder management. Wash and dry teats thoroughly before milking.



“Udder Comfort is something we don’t cut. It gets swelling out faster.”

“We see faster, better milkouts and higher quality milk.”

“We do every fresh cow for a week after calving. We mark high-count cows on DHIA and do them too. We tried other brands, but they don’t work. Udder Comfort is the one that works!”

— Matt Nealy, Nealand Farms, Newville, PA  
 400 cows, 92 lbs, 100,000 SCC



USPS 509450 ISSN 0745-7553

Published by Farmshine LLC  
 in Lancaster County, Pennsylvania.

1-YR. SUBSCRIPTION - \$20.00  
 INTERNATIONAL SUBSCRIPTION - \$40.00  
 Published every Friday except the week of Christmas

Dieter Krieg, Editor & Publisher  
 Melissa Johnson, Advertising Representative  
 Ashley Denlinger, Advertising Representative  
 Sue McCloskey, Secretary  
 Douglas Denlinger, Production Manager

Send subscriptions, news & advertising to:  
 FARM SHINE  
 342 E. Main St., Suite 201, Leola, Pa. 17540  
 Phone 717-656-8050 | Fax 717-656-8188  
 news@farmshine.net | ads@farmshine.net

Periodicals postage paid at Lancaster, PA  
 and at additional mailing offices.

POSTMASTER: Send Address Corrections To:  
 FARM SHINE  
 342 E. Main St., Suite 201  
 Leola, Pa. 17540

Copyright © 2023. Printed in USA. All rights reserved. No part of this publication may be reproduced in any form without prior written permission by the publisher. Information gathered herein is from resources considered reliable. Accuracy, however, cannot be guaranteed. All printed material is intended for your information and reading enjoyment and is not meant to disrespect or harm any group or individuals. Ads appearing in this paper are not to be considered as an endorsement by Farmshine for products or services offered.

Farmshine’s staff reserves the right to refuse any and all material, including articles and advertisements that they determine do not fit the objectives of Farmshine.

# Supreme Court appeal is next step for Herr, Wentworth

## Commonwealth Court denies immediate release, unseals docket

By **SHERRY BUNTING**  
Special for Farmshine

HARRISBURG, Pa. — It has been three weeks since Rusty Herr and Ethan Wentworth of NoBull Solutions, LLC were arrested on April 10 and 11 and separately incarcerated in Lancaster and York County Prisons — their respective counties of residence in Pennsylvania.

A motion for immediate release has been heard and denied by the Commonwealth Court of Pennsylvania.

“The Commonwealth Court failed to correct their error, so we are taking the case directly to the Supreme Court,” said Robert Barnes, Esq. in a *Farmshine* interview after the decision.

## ‘Accelerate’ conference tailored for interns

JUNEAU, Wis. — A one-day event presented by the Professional Dairy Producers® (PDP) will give agriculture sector interns the tools they need to excel in today’s workforce. PDP Accelerate is set for July 24, in Madison, Wisconsin, with a full day of interactive programming to help attendees stand out from the crowd with the skills they need to shine in today’s agriculture careers.

Agricultural employers who incorporate PDP Accelerate into their summer internship program will not only enhance the intern experience and demonstrate their commitment to nurturing talent, but also provide students with a renewed vigor during the final portion of the internship. PDP Accelerate is an opportunity to foster a culture of learning while aiding in training a pipeline of skilled professionals for the future of the agricultural sector.

“We’re thrilled to offer employers the chance to invest in their interns’ growth and development through PDP Accelerate,” said Amber Cafferty, marketing and development

Judge Michael Wojcik also unsealed the docket in a separate decision.

He heard oral arguments for the motion filed by Barnes Law LLP on behalf of Herr and Wentworth as well as the answer to this request by the Department of State (DOS) Bureau of Professional and Occupational Affairs (BPOA) on April 29, 2024, at 1:30 p.m. via WebEx video conferencing.

According to the docket 325-MD-2021, the BPOA opposed the motion, stating that on May 16, 2023, the court had adjudicated NoBull Solutions in contempt of a previous order dated Nov. 30, 2021, related to enforcement of an investigative subpoena, with conditions for NoBull to purge its contempt through a monetary civil penalty, and that failure to purge

may result in issuance of a warrant for their arrest and incarceration.

NoBull Solutions did not show cause why they should not be held in contempt on Nov. 30, 2021, did not appear or comply, and on May 16, 2023, the enforcement order was made absolute requiring NoBull to “purge its contempt,” including providing the BPOA with the name and address of its custodian of records as well as the names and addresses of all members, managers, and other persons who direct its activities.

“At no point during these proceedings has Mr. Wentworth and Mr. Herr challenged BPOA’s allegations that they are the principal members of NoBull Solutions and are directing its activities or made any attempt to purge the Court’s finding of contempt,” the docket reads.

The bottomline here is that Herr and Wentworth are making a stand for the right to assist farms in reproductive management. Through the 15 phone calls from customers, it’s clear they believe ultrasound makes breeding service more effective and efficient for their small farms that are not in a position to be blessed by the law’s exception for hired employees doing this work on larger farms.

Dairy farmers have continued to call into this reporter, explaining that both men, and NoBull collectively, help them be better managers and learn to do more breeding work on their own, even when it means they are purchasing fewer services from NoBull.

Fully 12 of the 15 calls to-date affirmed they maintain a relationship and regular herd checks with their licensed veterinarians and gave clear examples of how the use of ultrasound with breeding service through NoBull had minimized their waste of costly semen, improved their knowledge, and provided information they needed for timely breeding and culling decisions made on the farm in be-

between regular herd checks.

At issue for Herr and Wentworth, according to Barnes Law, are the Constitutional rights in the handling of the contempt enforcement. With the docket unsealed, a paper trail – including the state’s request for a default judgment that had been denied in 2021 – have been unsealed.


The initiation of these previously sealed contempt proceedings began in 2021, some 18 months after the 2020 Pennsylvania Veterinary Medical Association complaint that had requested contempt charges be pursued by the DOS, alleging both men as principals in NoBull Solutions LLC were continuing to practice veterinary medicine without a license, continuing to do and direct ultrasounding of livestock in connection with their breeding and reproductive management services.

At this juncture, it appears that Herr and Wentworth will either have their appeal for immediate release heard by the State Supreme Court or serve out their 30 days, whichever happens first.

Then, the real work may begin. Is there a middle ground for these services in conjunction with breeding? Is the assistance providing a level playing field in a low-margin, highly competitive dairy industry where scale affords some farms the avenues to accomplish these services via employees who are proficient in ultrasound vs. smaller farms paying an independent technician for the same.

Since the Department of State maintained in a prior interview that State Veterinary Board adjudications clarify the law with the authority granted them by the legislature, and that the legislature is the body to consult for the exceptions, there’s much here to wade through from the State Capitol to the Administrative Boards and Offices to the Commonwealth Court.

# Durable Ag Curtains




## Complete Curtain Systems

with all the components you’ll need


- High Quality 16 oz. Vinyl Curtain Material
- Galvanized Bird Wire
- Keder Tubing & Drive Motors

**Available with:** Manual Gear Drives or Fully Automated to Control Your Curtains 24/7





*Ask About Automation!*



CALL NOW

to Get In Our Schedule





## SHADY LANE

### Curtains LLC

Bird-in-Hand, PA  
(717) 690-2003

“The Nation’s Industry Leader in Ag Curtains”

**In wake of Tennessee's successful whole milk bill, Pennsylvania House Ag Cmte. tries again U.S. Senate stalled at 17 whole milk sponsors**

On Tues., April 30th -- just two weeks after Tennessee Governor Bill Lee officially signed into law the Volunteer State's version of "whole milk in schools" legislation, SB 1914 -- the Pennsylvania House Ag Committee unanimously passed for the second time in four years Rep. John Lawrence's HB 997.

Tennessee's successful whole milk bill aims to get around the Feds' prohibition by serving whole milk with dispensers that are separate from the school lunch line. "It's separate from your lunch service, but it's always available," sponsor Rep. Mark Cochran told the Tennessee House K-12 Subcommittee.

The Pennsylvania bill establishes state's rights with a completely in-state deal. HB 997 would simply allow Pennsylvania schools to provide Pennsylvania whole milk to Pennsylvania schoolchildren, paid for with Pennsylvania tax dollars.

Before the Ag Committee vote Tuesday, Lawrence said: "The legislation is not a mandate. It does not require any school district to do anything, but it would provide that if a school district wanted to do it, to provide whole milk and whole flavored milk to students, they would be able to."

He highlighted support among dairy farmers and among students "who like to drink great tasting milk. This is about providing healthful whole milk to a generation of children that are frankly being raised on energy drinks and Gatorade. They are not healthy for the development of children, unlike MILK."

Pa. House Ag Republican Chair Dan Moul pointed to the successful Tennessee bill in his comments. "Unfortunately, we won't be number one," he said. "But I don't mind being number two to get this done and hopefully send a message to the Feds that whole milk is good for our kids," he said.

Rep. Clint Owlett who has worked with Lawrence on the measure said he printed off milk consumption data that morning, which speaks to the unintended consequences of taking whole milk out of our schools. The really sharp decline is staggering, and it really started in 2009-10 when this happened. One way we can help our farmers is by realizing this is a product our kids need. They want whole milk. We believe this is a state issue," he said.

Pa. House Ag Committee Democratic Chair Eddie Pashinski had this to say: "The one major thing that's missing for many of our children today is we do not promote milk enough. When I watch television, what do I see? I see almond milk commercials 9000 times.. but the bottomline is you can't find a healthier liquid than whole milk."

Next step is the Pa. House floor -- again. However, like in the U.S. Congress, getting whole milk bills past certain stodgy Sena-



tors and onto a Senate floor has been the stonewall.

In the 2022-23 legislative session, Lawrence's whole milk bill had passed Pennsylvania's full House 196 to 2, but the Senate refused to consider it, fearing economic reprisals from USDA.

**Thompson, Stabenow roll out farm bill work**

Chairman G.T. Thompson (R-Pa.) and Chairwoman Debbie Stabenow (D-Mich.) rolled out their respective House and Senate Ag Committee frameworks for the overdue farm bill on May 1. Thompson set committee markup for May 23. Stabenow calls her framework a bipartisan farm bill that's 'ready to go', but did not schedule committee markup. The current farm bill extension maintains programs through Sept. 30 and Dec. 31, 2024.

Most notable in the rollouts may be that both Chairs have agreed on Thompson's idea to bring the supplemental conservation, authorized by the Inflation Reduction Act in under the farm bill, which had been a sticking point previously. Thompson has long argued that adding the IRA funds to the farm bill baseline bakes it in for future farm bills. In return, it appears Chair Stabenow wants those funds earmarked for "climate smart" projects. The Senate version changes some EQIP definitions and would direct more EQIP funding to methane reduction, which is interesting considering cows cycle carbon, so their methane is not new, but net neutral.

Thompson's conservation framework focuses on financial and technical assistance to address natural resource concerns such as soil health and erosion, water quality and quantity and uses voluntary incentive-based through reallocation of the IRA conservation dollars while expanding covered conservation practices "without adding new climate sideboards."

On dairy programs, the DMC tier one coverage cap looks to go from 5 million pounds of annual enrolled production to 6. Production history updates are also included, along with an increased discount on premiums for farms that enroll in all 5 years through 2029. Language directing USDA to conduct mandatory surveys of dairy plants every two years to estimate the average costs of manufacturing dairy products (i.e., "make allowance") is included in the title by title Senate version.

**Class III milk futures up 4th straight week**

Class III milk futures moved higher across the board for the fourth consecutive week, while Class IV was again mixed, moving higher in the front months and lower on distant months. May through Sept. 2024 Class III milk contracts made the biggest move higher, up fully 50 to 60 cents from a week ago.

On Wednesday, May 1, the Class III milk futures for the next 12 months (May24 through Apr25) averaged \$18.50, up 54 cents from the previous Wednesday's 12 month average that had included the rock-bottom April 2024 contract going off the board in the mid-\$15s. Class IV futures averaged \$20.64, down 7 cents from a week ago.

**All spot dairy product prices notably higher**

All dairy product prices moved higher this week on the CME spot market, especially for butter, cresting the \$3 mark and barrel cheese rallying big to surpass blocks by nearly a dime. On Wed., May 1, the 40-lb block Cheddar price was pegged at \$1.76575/lb up 3 cents from the previous Wednesday with zero loads trading; 500-lb barrels were at \$1.8550/lb up 9 cents on the week, zero loads traded. Dry whey gained a half-penny, pegged at 37 1/2 cents/lb with zero loads trading.

In the Class IV sector, Butter posted a 4-cent rally in active trade Wednesday, pegged at \$3.0050/lb, with 7 loads changing hands. Grade A nonfat dry milk gained back last week's 2-penny loss, pegged at \$1.1250/lb, 5 loads traded.

**April pegs lowest Class III price in years, Protein sinks to \$0.83/lb, Butterfat 4x that at \$3.33/lb**

USDA announced what is the lowest Class III price in years at \$15.50 for April. That's 84 cents below March and \$3.02 lower than a year ago. The April protein price sank to 83 cents/lb while butterfat increased to \$3.33/lb. Solids nonfat and other solids were lower in April compared with March as well.

April Class II and IV milk advanced 11 and 2 cents in March at \$21.23 and \$20.11, respectively. Both were \$1.00 higher than the Class I base price mover for April, adding depooling woes to Federal Milk Marketing Orders with ample Class III utilizations.

In fact, one can make the argument that if the proposed increases in make allowances are in the USDA preliminary rule the industry anxiously awaits, it is the cheese-heavy regions that will suffer most, and stand to gain the least from the balancing act of increased Class I differentials. A back-breaking situation in today's market.

Farm Bureau opposes any make allowance increases until mandatory audited surveys are conducted. Even then, the question remains for future hearings where to set the processor credit once confidently estimated. Overshooting it encourages investment in plants that can beat the margin, even if the marketplace sends different price and product signals. Already, we see major investment in cheese manufacturing coming on line and planned, while spot cheese and Class III prices have only now turned around for the past few weeks from the \$15s to the 18s on the futures board. The ebb and flo of relatively new cheese export markets has a much greater influence today.

**March All-Milk \$20.70, DMC margin \$9.65**

USDA announced the U.S. average All-Milk price for March at \$20.70, up 10 cents from February and down 40 cents from a year ago. The DMC margin for March is \$9.65/cwt, up 21 cents from February and 15 cents above the highest margin coverage level of \$9.50 per cwt. This is the highest DMC margin level since Dec. 2022, when it was figured at \$9.76 based on a \$4 higher All-Milk price and feed cost at the time. However, the DMC margin for March did not reflect what dairy producers were paid in much of the country, and when April prices and margins are announced on May 31, the divergence will be significant for FM-MOs with considerable Class III sales -- made worse by depooling of the higher value Class II and IV milk that is running \$1 to \$2 above the Class I base mover price for a few months now.

While the U.S. average was 10 cents higher despite butterfat being slightly lower, the Pennsylvania All-Milk price, while still above the U.S. average, was 20 cents lower than in February, even though butterfat was steady. This reflects the impact of Class II and IV depooling, increasing the drag from current low-price Class III utilization on FMMO blends, especially in western Pa. within Order 33. For farmers in the Upper Midwest, the All-Milk price at \$19.10 for Wisconsin and \$19.50 for Minnesota, lagged the national average by \$1.60 and \$1.20.

**"BE A DAIRY HERO"**

Your cows depend on you for everything. Best possible HERD HEALTH needed to reach GENETIC POTENTIAL. Help your cows PROFIT you more with IMMUPRO & STAND STRONG. Start today.

**To get started: Call today!**  
**920.650.1631**  
[www.alphageneticsinc.com](http://www.alphageneticsinc.com)



Also BE A DAIRY HERO. CALL 202-224-3121 and tell your Senators to co-sponsor and vote YES to S1957 "WHOLE MILK FOR HEALTHY KIDS ACT"

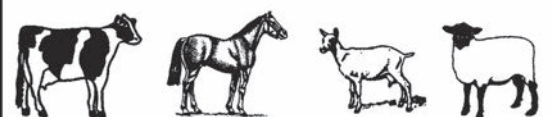


SUPPORT 97milk.com. They support you!

Call U.S. Senate Ag Chair  
Debbie Stabenow 202-224-4822  
GOOD NEWS 24-7-365. 1-605-477-2279



**It's Time To Deworm and Vaccinate**



**We Stock Many Brands of Dewormers & Vaccines**

**Daniel's Farm Store LLC**  
324 Glenbrook Rd., Leola, PA  
**717-656-6982**  
Mon-Fri 7-6, Sat 7-12

# Farmshine Editorials

By Dieter Krieg  
Farmshine Editor



“The greatest tyrannies are always perpetuated in the name of the noblest of causes.”

— Thomas Paine

## ‘Only members can vote.’ What in the world is going on?!

“Only members can vote!” the president announced as ballots were being distributed.

Oh my! I thought to myself, *that’s surely not the American way ... not the “new” American way, I mean. Members only? What in the world!?*

But no protests were heard. Everyone was wide awake (not “woke”) and definitely okay with Tom’s simple instructions.

Of course, voting instructions could have been even simpler by following the political

model hustled by our federal government since January of 2021 ... if not before. Anybody can vote; no matter who, no matter how many borders they’ve crossed or people they’ve murdered.

So, I envisioned the scenario, had Tom swung open the doors and yelled for all to hear: “Anyone can vote! Come one, come all! Come now! If you can’t, we’ll fetch you by bus, taxi or Uber. Or just mail your vote in. Do it multiple times, to make sure your vote isn’t missed! Got a dead relative? Vote for him or her too! Illegal immigrants and hard-

ened criminals ... come cast your vote. And, by the way, ballot harvesting has no specific time frame. Vote anytime. We’re inclusive of anyone and everyone, no matter where you’re from or what you’ve done. We are not “members only”!

Such a scenario would be senseless, irresponsible and irreversibly detrimental to any small group.

And it’s even more senseless, reckless and permanently damaging for an entire country to abandon its borders, principles, tradi-

tions, integrity, identity and so on.

Thank you, Tom, for inspiring an important thought for all of humanity. I salute and thank all those who are guided by common sense and common values, respect, merit, like-mindedness in life and goals. To not have some kind of “members only” posture is to invite chaos.

Thank you all for not caving into a totally misguided frenzy of “wokeness” which history will surely re-define one day as “brokenness.” It’s already happening.

## Veterinarian’s book has student aid as prime goal

HARRISBURG, Pa. – To help support students who are pursuing future careers in the dairy industry, Dr. Charlie Gardner, a former dairy veterinarian and consultant who works with many Pennsylvania dairy farm families, has published a book with proceeds now supporting the Dairy Excellence Foundation.

Titled *The Blessed Life of a Cow Doctor*, the book features memoir-style stories from Dr. Gardner’s time as a dairy veterinarian. With every \$25 donation to the Dairy Excellence Foundation, individuals will receive a copy of the book and proceeds will support the Foundation’s youth development programs.

“Over the years, my interest in storytelling has only grown stronger. This is what led me to write a book about my life and career as a dairy veterinarian. I’ve included a lot of true stories and reflections, and I could think of no better way to support the fine work of the Dairy Excellence Foundation than through the proceeds from this book,” said Dr. Gardner, the author of the book and a consultant who works with the Center for Dairy Excellence.

The Dairy Excellence Foundation’s youth development programs include free Dairy Leaders of Tomorrow courses and curriculum for high school agriculture teachers, hands-

on educational experiences for high school students, scholarship opportunities, on-farm internships for college students, and more.

“The Foundation’s youth development programs have reached more than 25,000 students last year, and these programs make a lasting impact on students who are eager to make a difference in the dairy industry,” added Dr. Gardner. “The Foundation works to ensure our youth have opportunities and a path forward to pursue careers they are passionate about in the Pennsylvania agriculture industry.”

To read an excerpt from the memoir and

make a \$25 donation to the Foundation to receive a copy of Dr. Gardner’s book, visit [www.centerfordairyexcellence.org/book-donation](http://www.centerfordairyexcellence.org/book-donation) or call 717-346-0849. Books will be shipped approximately four to six weeks after making a donation.

Established in 2010, the Dairy Excellence Foundation is a 501(c)(3) non-profit, tax deductible organization that is Educational Improvement Tax Credit (EITC) approved. Through creative programming, career preparation resources, and internship and scholarship opportunities, the Foundation helps students of all ages discover the world of dairy farming.

# Thanks & Congratulations!

To the Burkholder family of Chambersburg, PA. They have installed 4 GEA R9500 milking robots!



**FISHER & THOMPSON**  
INCORPORATED  
f /fisherthompsoninc  
www.FisherThompson.COM

### YOUR PARTNER IN DAIRY SOLUTIONS!

Auburn, NY	315-252-9270	Rocky Mount, VA	540-489-5800
Batavia, NY	315-252-9270	Bellefonte, PA	717-935-7422
Clymer, NY	716-450-9967	Chambersburg, PA	717-352-7606
Conewango Valley, NY	716-358-9152	Roaring Spring, PA	814-224-0070
Mechanicville, NY	518-652-2383	Somerset, PA	814-444-8502
Harrisonburg, VA	540-867-3251	Troy, PA	570-297-2012

MAIN OFFICE  
**LEOLA, PA**  
717-656-3307

## Advertiser's Index

Agri-Trac.....11	Martin's Roofing.....13
Albright, Daniel.....22	Morrissey Insurance.....18
Alpha Genetics (Immu-Pro)....4	Natural By Nature.....7
Beiler Industries.....22	Nelson & Sons Concrete Gr...10
Beitzel Spraying.....6	New Holland Sales Stables...20
Bio-Vet.....11	Nicholas Meat.....18
Brubaker's Dairy Sales.....20	Oregon Water Conditioning...13
Brubaker, Rufus Refrigeration .6	Pa. Holstein Association.....22
Daniel's Farm Store.....4	Power Systems Electric Inc...13
Fisher & Thompson.....5,7	Precast Systems.....22
Fisher, Eli Construction.....10	Precision Diagnostics.....10
Fraleley Auction Company.....21	Select Sires Member Coop...24
Gehm, L.R.....15	Shady Lane Curtains.....3
Homestead Nutrition.....17	Sollenberger Silos.....22
Horst Grain Roasting.....22	Sturdy Built Manufacturing....7
JBS.....6	Triple M Farms.....22
JBZ Dairy Advantage.....9	Udder Comfort.....2
JRS Ag Assemblies.....13	Useful Farm Products.....12
Keystone Concrete Products.12	Univest Bank.....15
King's AgriSeeds.....13	Weaver's Toasted Grains.....11
Lancaster DHIA.....13	Willow Road Silo Doors.....22
Leabrook Ag.....14	Zimmermans Glass Strg...8,22

## Auction Guide

**MAY 4**, 9:30 a.m. Public Real Estate Auction, Blairs Mills, Pa. Sale co-managed by Ron J. & Ron S. Gilligan & David C. Zentner.

**MAY 4**, 11:30 a.m. Spring Production All-Breeds Dairy Sale, Hosking Sales, New Berlin, N.Y. Sale managed by Hosking Sales.

**MAY 8**, 10:30 a.m. Dairy Cow & Heifer Sale, New Holland Sales Stables, New Holland, Pa. Sale managed by New Holland Sales Stables.

**MAY 11**, 11 a.m. 2024 Midwest Revue Royale, Wooster, Ohio. Sale managed by Modern Associates.

**MAY 16**, 7:15 p.m. Alson & Minerva Martin Herd Dispersal, Brubaker's Quality Dairy Sales, Shippensburg, Pa. Sale managed by Brubaker's Quality Dairy Sales.

**MAY 17**, 4 p.m. Special Driving & Draft Horse Sale, New Holland Sales Stables, New Holland, Pa. Sale managed by New Holland Sales Stables.

**MAY 18**, 11 a.m. Lakevue Farm Complete Reg. Holstein Herd Dispersal, Huntingdon, Pa. Sale managed by Fraley Auction Company.

**MAY 25**, 11 a.m. Special Riding Horse Sale, Penns Valley Livestock, Centre Hall, Pa. Sale managed by Penns Valley Livestock.

**MAY 31**, 7:30 a.m. Horse Consignment Sale, Penns Valley Livestock, Centre Hall, Pa. Sale managed by Penns Valley Livestock.

**JUNE 20**, Special 12 Year Anniversary Dairy Cow & Heifer Sale Brubaker's Quality Dairy Sales, Shippensburg, Pa. Sale managed by Brubaker's Quality Dairy Sales.

**JULY 6**, PHA Summer Sensation Sale & Picnic, Somerset, Pa. Sale managed by Pa. Holstein Association.

## Dairyman's Datebook

**MAY 3**, 4 p.m. Faith Builders Christian School Annual Benefit Auction with dinner and bake sale included; 28527 Guys Mills Road, Guys Mills, Pa.

**MAY 4**, 1:30 p.m. Berks County Dairy Princess Pageant at the Mohrville Church of the Brethren, 1542 Shoey Road, Mohrville.

**MAY 4**, 7:30 p.m. Lebanon County Dairy Princess coronation at the Mt. Zion Road Church, 2087 Mount Zion Road, Lebanon, Pa.

**MAY 11**, 6 p.m. Centre County Dairy Princess Pageant at Wasson Farm, 2545 Shingletown Road, State College, Pa.

**MAY 11**, noon, Susquehanna County Dairy Princess Pageant, Oaklawn Farm Event Venue, 19604 State Route 29, Montrose Pa.

**MAY 21-22**, Holstein USA Judges Conference, Oakfield Corners Dairy, Oakfield, N.Y.

**JUNE 13**, 6 p.m. Annual Toast to Dairy Celebration, Melhom Manor, 977 West Main St., Mount Joy, Pa.

**JUNE 18-21** National Ayrshire Convention, Comfort Inn & Suites, 840 Sean Drive, Fremont, Ohio.

**JUNE 19-22**, American Jersey Cattle Association (AJCA) and National All-Jersey, Inc. (NAJ) annual meetings, Sheraton Springfield Monarch Place, Springfield, Mass.

**JUNE 22**, 8 a.m. to noon, Breakfast on the Farm at Iowa's Dairy Center, 1527 Highway 150 South, Calmar.

**JUNE 25-29**, National Milking Shorthorn Convention, Fireside Inn & Suites, 25 Airport Road, West Lebanon, N.H.

**JULY 3-6**, National Brown Swiss Convention, Hyatt Regency Hotel, 333 Main Street, Green Bay, Wis.

**JULY 6**, Pennsylvania Holstein Picnic, McWilliams Farm,

**JULY 12**, 10 a.m. Virginia Dairy Expo, Shenandoah Valley Produce Auction, 2839 Lumber Mill Road, Dayton.

**OCTOBER 17-20**, Pennsylvania State Grange Session, Pittsburgh Marriott North, 100 Cranberry Drive, Cranberry Township, Pa.

## Donations are ongoing to supply fresh milk



Fill A Glass With Hope®

Trisha Knight Boyce  
Maryland Dairy Farmer

Dairy farmer Trisha Knight Boyce of Easton, Md., is supporting the charitable Fill a Glass with Hope® retail campaign in the media.

SYRACUSE, N.Y. — American Dairy Association North East is partnering with Shoppers Food & Pharmacy for a Mother's Day campaign to provide fresh milk to Maryland and District of Columbia families in need. The month-long campaign runs through May 16, and customers are encouraged to make a \$1, \$3, or \$5 donation at checkout. All donations will be used to purchase fresh milk for the Capital Area and Maryland food banks.

Fill a Glass with Hope was initiated in 2015 by Pennsylvania dairy farmers. Thanks to generous supporters, the program has distributed more than 36 million servings of fresh milk through a network of food pantries, soup kitchens, shelters and feeding programs.

Boyce represented all dairy farmers across the region in an interview facilitated by ADA North East on Baltimore's WMAR to promote the Mother's Day campaign.

"Dairy farmers take great pride and work hard every day to feed our local communities and the world," said Boyce. "It's important for us to encourage and promote these types of programs so everyone has access to the fresh milk we produce.

"We thank Shoppers stores and their customers for allowing us to again help local moms nourish their families with fresh, nutritious milk this Mother's Day through Fill a Glass with Hope," said ADA North East CEO John Chrisman.



A skipper rests on the flower of an alfalfa plant, one of many forage species covered in the newly updated fourth edition of the Purdue Extension Forage Field Guide. The pocket guide covers all the vital information that forage producers need, including pest information, soil fertility, animal nutrition and more. (Purdue University photo/John Obermeyer)

## Purdue Forage Field Guide provides essential information

WEST LAFAYETTE, Ind. — The fourth edition of the Forage Field Guide from Purdue University Extension is available for purchase on the Extension Education Store website. The 324-page pocket guide is a valuable resource on navigating forage management.

Notable guide updates include higher quality photographs, added information to the soil fertility section, new information related to corn production and when it is to be used as silage, and new pages on tar spot disease and the sugarcane aphid.

**(JBS)**

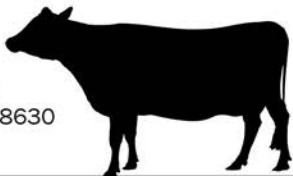
Souderton, PA

**SELL YOUR CATTLE!**

**PURCHASING  
CULL COWS**

**Same-Day Payment  
NO Fees • NO Commission**

For more information:  
Direct: (970) 506-8215  
Duff George: (717) 594-8630



Livestock Buying Stations are OPEN:

7195 Molly Pitcher Hwy  
Greencastle, PA 17225  
Monday & Wednesday  
9 a.m. - 2:30 p.m.

503 School Rd  
Denver, PA 17517  
Tuesday & Thursday  
9 a.m. - 2:30 p.m.

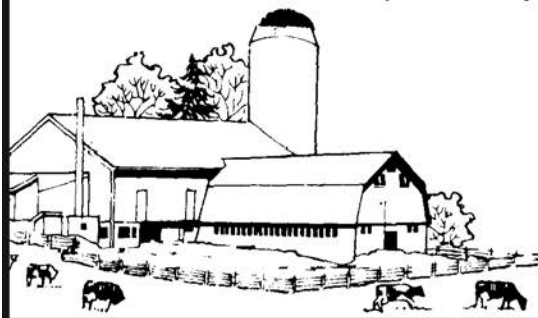
Contact Doug Musser: (267) 371-9824

**(JBS)** Learn more about our brands at  
jbsfoodsgroup.com

249 Allentown Rd | Souderton, Pennsylvania 18964 USA

## WHITE WASHING with ADVANTAGE FARM WHITE

- Dries White • No Wet Floor
- Is Compatible With Disinfectant And Fly Sprays
- Does Not Rub Off Easily
- Washes Off Windows And Pipelines Easily



## BARN CLEANING SERVICE AVAILABLE WITH COMPRESSED AIR

To have your barn cleaned with air it will clean off dust, cobwebs and lots of the old lime. This will keep your barn looking cleaner and whiter longer.

**CALL US ABOUT  
ON THE FARM FLY CONTROL**

Serving Southeastern Pa. And More

## Beitzel Spraying

Witmer, PA 17585 • 7:00 A.M. to 5:00 P.M.  
717-392-7227 or Toll Free 1-800-727-7228

**CERTIFIED COMMERCIAL APPLICATORS  
LICENSED 45 YEARS EXPERIENCE INSURED**

*Radio Dispatched Trucks*  
**Barn Spraying Is Our Business  
Not A Sideline  
Spraying Since 1961**

Rufus  
**Brubaker**  
Refrigeration LLC

Toll Free 1-866-665-3525

**New & Used  
Quality Milk Tanks**  
400 Gallon    1000 Gallon  
700 Gallon    1500 Gallon  
800 Gallon

**Walk-In Coolers and  
Freezers, Panels and  
Doors Available.**

# National Dairy Shrine bestows top honors on Corey Geiger

FORT ATKINSON, Wis. — National Dairy Shrine has named Corey Geiger, former editor of *Hoard's Dairyman*, their Guest of Honor for 2024. This award recognizes an exemplary dairy leader for his or her accomplishments and contributions to the dairy industry. Of all the annual Dairy Shrine awards, the Guest of Honor symbolizes the highest level of recognition.

Honoring dairy leaders is a core element of the National Dairy Shrine mission, and Geiger becomes the 82nd person to be named a National Dairy Shrine Guest of Honor. The organization is in the process of celebrating its 75th anniversary this year.

While Geiger has achieved tremendous

success over the course of his lifelong dedication to the dairy industry, he's most recognized for work done during his 28-year tenure with *Hoard's Dairyman* — work which spanned far beyond his editorial career obligations. He becomes the fifth former editor of the magazine to receive Guest of Honor recognition.

Geiger's career at *Hoard's Dairyman* began nine months before his college graduation from the University of Wisconsin-Madison. He proceeded to work his way up from associate editor, through the ranks to managing editor, where he focused his efforts on dairy policy, milk marketing, tax and financial planning, cost of production, crops

and soils, employee relations, breeding and genetics. His work with the magazine took him to 48 states and 12 foreign countries, and he was instrumental in the launch of publication's fourth language edition, *Hoard's Dairyman China*.

During this time, he served as president of Holstein Association USA, the Wisconsin Holstein Association and National Dairy Shrine. He also was active in dairy judging contests at both the 4-H and collegiate levels, World Dairy Expo, and the Farm Wisconsin Discovery Center. He also worked closely with the UW-Madison College of Agricultural and Life Sciences (CALs) on various boards and as a Badger Dairy Camp instructor. In 2023, CALs awarded him with their highest honor, the Honorary Recognition Award.

Geiger has also authored two books, which have had copies sold in all 50 states. His first book earned him a spot as a finalist for the 2022 National Indie Excellence Award.

Sarah Thomas, product support analyst at



Corey Geiger

Select Sires Inc. and previous *Hoard's Dairyman* editorial intern, nominated Geiger for the Guest of Honor award. "It would be quite near impossible to find someone more enthusiastic and genuine about the dairy cow, dairy farmers and the greater dairy industry than Corey Geiger," she says. "He appreciates, recognizes and highlights the history of our industry with ease, all while being part of the push forward to ensure that it succeeds for years to come."

Geiger is currently the lead dairy economist at CoBank, where he provides insight and analysis on elements of the dairy sector, ranging from milk production to consumer products. He also participates in research and analyses for customers, industry professionals and national media outlets.

Geiger will receive the Guest of Honor award at National Dairy Shrine's Awards Banquet on Monday, September 30th in Madison, Wisconsin. His portrait will then be displayed in National Dairy Shrine's Dairy Hall of Fame and Museum in Fort Atkinson, Wisconsin.

## Lebanon County dairy royalty to be crowned

LEBANON, Pa. — The 52nd Annual Lebanon County Dairy Princess Coronation will be held on Saturday, May 4th, starting at 7:30 p.m. at the Mt Zion Road Church, 2087 Mount Zion Road, Lebanon.

In conjunction with the coronation, there will also be a dessert contest called "Digging into Dairy." The top three individuals in both divisions will receive cash prizes. Divisions are Youth (15 and under) and Adult (16 and over).

### Contest rules are:

1. Desserts and the recipe need to be at the Mt. Zion Road Church - Word of Life

2. Entries must contain real dairy products such as milk, butter, whipped cream, cream cheese, etc. (Margarine, Cool Whip, soy or almond milk etc. do not qualify as real dairy products! However "Extra Creamy Cool Whip" does qualify as a real dairy product)

3. Anyone can bring a dairy dessert; you



Dairy royalty serving for the past year included, left to right: Lil' Dairy Miss Rea Light, Dairy Miss Evelyn Maulfair, Pennsylvania State Alternate Dairy Princess Mackenzie Thomas from Lebanon County, Lil' Dairy Miss Rosalie Maulfair, Dairy Maid Haylee Mullen, and Dairy Miss Mikaylia Maulfair.

just have to be present at the pageant to receive your prize!

4. You must bring a copy of the recipe with your dairy dessert.

Event attendees will get a chance to try all of the dairy desserts that were entered at the social following the pageant.

**NEW PRODUCT!**

**Sturdy Built**  
Manufacturing, LLC

**GEAR DRIVE**

No Bearings, Belts, or Tensioners to Replace!



**FALCON™**  
54" Circulating Fans

- Powered by 1 HP, 56C standard motor
- "Sturdy Built" Galvanized steel fan frame
- Available in single or three phase. No soft starters required
- Lifetime synthetic lubrication: No quarterly or yearly maintenance
- Optional variable speed drives

Call 866-543-5116  
sales@sturdybuiltmfg.net  
260 S. Muddy Creek Rd. Denver, PA 17517

**EFFORTLESS FEED PUSHING!**



**ONLY THRU 6/30/24**

**0% FINANCING FOR 48 MONTHS!**

- ✓ Reduced labor & fuel usage
- ✓ Save up to 180 hrs per year
- ✓ Clean feed alley
- ✓ Improved feed availability for the herd

**LELY CENTER MID-ATLANTIC**

**FISHER & THOMPSON INCORPORATED**

100 Newport Road • Leola, PA 17540  
**717.656.3307**  
LelyCenterMidAtlantic.com

[f](#) LelyCenterMidAtlantic [d](#) @LCMidAtlantic

# Silo authority offers tips to increase silo safety

By RENEE TROUTMAN  
Special for Farmshine

ANNVILLE, Pa. — Jeffery Moyer of Jeff's Farm Service in Bernville, Pa. makes equipping, maintaining, and using silos his livelihood. He says that any silo, even an older silo, isn't something to be feared, but needs to be understood. "There's hardly a day goes by that I'm not climbing a silo and I don't plan to quit. I enjoy the climb, I love the view," Moyer said.

Moyer has a lifetime of experience with silos both old and new. He was on the scene at the collapse to learn what happened and how it could be prevented in the future. One concern he had was that the moisture level of the forage was a little high and the wetter material was on the bottom. Moyer believes the distributor had not been functioning and the pace of the feed being blown into the silo quickly caused an imbalance that affected the level of pressure against the walls. "If you think of your ears popping when you go over a mountain. You can only go so far with the pressure changing that fast until your ears have had enough. It's not enough time to adjust," he explained.

Silos built in the the 1960's and 1970's were made during an era when the equipment available for harvesting and filling resulted in the time to fill a silo taking up to two weeks. Now with bigger and faster equipment, it can be filled in two days. A lot of pressure adjustment on the structure itself needs to happen very quickly.



Rapid filling ... two days as opposed to two weeks ... is stressful on decades-old structures. Jeffery Moyer of Jeff's Farm Service in Bernville, Pa. recommends having a camera

in the silo and a screen in the cab of your tractor so you can see what's going on in the silo when you're filling, and every day while you're unloading the feed. Photo by Dieter Krieg

While newer silos are being built to match these rigors, older silos are not always up to par. With more powerful harvesting and filling equipment, Moyer feels that distributors still need to be manufactured more effectively to meet the capacity. He also says that the bigger the diameter of the silo, the bigger the concern.

Moyer prefers center-fill distributors over the cable spreader versions. "I feel the center fill does a better job. The feed goes into the center, hits the distributor pan, and blows feed to the wall. The pressure then rolls to the center and there's constant pressure on the wall," he explained.

Moyer said hoops are critical for the safety of the structure. They should not be rusted,

worn through, or missing. If there are enough properly placed hoops 30-40 feet up the base of the structure it should stay standing. There should not be any exposed rebar inside the silo where the feed sits. That would call for an immediate repair using shot-crete.

Silos built today are engineered under more specific standards and the concrete is meticulously tested for its soundness and consistency. The rebar used is also thicker and runs both vertically and horizontally. Older silos often lacked many of these things in their construction.

Moyer said older silos made with the 2'x2' square forms are more of a concern. The silo that collapsed on Villa Dale Farm was a square form silo, but Moyer maintains that he doesn't

think there was anything significant with the structural integrity of the silo that collapsed.

"I can't stress enough the importance of a camera in the silo. Have a screen in the cab of your tractor so you can see what's going on in the silo when you're filling and every day while you're unloading the feed," Moyer said. To more fully understand the construction process of a modern silo he also recommends watching recent videos posted to the 10th Generation Dairyman's YouTube channel as new silos are built on that Lancaster County dairy farm.

Moyer emphasized the need to make sure the silo's distributor is working properly and harvesting feed that is at the proper moisture level. Farmers are up against many factors when harvesting crops. It's a fast-paced and stressful time that requires a great feat in management and perseverance, so of course suggesting these things is easier said when faced with downtime to make repairs or beat the weather. "It's about doing as much as you can as quick as you can and that's how it is today with the kind of equipment we have," Moyer said. "You have to keep it moving."

Moyer has heard from several dairymen that are concerned about the use of their own silos after the collapse. Having a silo inspection done by someone with knowledge of the structure is recommended and Moyer says any silo builder could offer the service. Anyone that sells silo equipment could also be a source of advice.



**Congratulations to the  
Jonas Martin Family  
of Waynesboro, PA  
on their newly  
constructed Pre-Owned  
81x24 Slurrystore®  
and new 8"  
Challenger Side Mount**

**Zimmermans**

Glasslined Storage  
Oakland Mills, PA

37 Yrs. Experience • Silos & Tanks

717-463-9731

www.silosandtanks.com

Zimmermans is not affiliated with CST Industries, Inc.





# Silo tragedy in Lebanon County bonds broad community

By RENEE TROUTMAN  
Special for Farmshine

ANNVILLE, Pa. — Dubbed the first death in the history of Lebanon County from a silo collapse, Bryan D. Kendall, 31, lost his life in a tragic accident on Saturday, April 27th as one of the four silos on his dairy, Villa Dale Farm, toppled from under him as he worked at the top.

It's not possible to know exactly what happened to cause the collapse or why, but the 59-year-old 24'x70' concrete silo was full after a day and a half of filling it with tritical. A silo of that diameter was a marvel in the day it was built since most silos of that height were kept at 16' around. At construction, the concrete to build the silo was mixed on site.

Kendall climbed to the top at approximately 11:15 a.m. and realized that the silo had not filled evenly. He reported to those on the ground just how drastically the distribution of the feed was and proceeded to try to level the feed. After just 10 minutes of Kendall entering the silo, there was a snap and the silo instantly collapsed, shearing off the west end of the bank barn and spilling across an animal feeding area. It's not clear where Kendall was in the structure at the time of the collapse. Several others were working in the area when it fell.

Much speculation has occurred as to the cause of the collapse. One assumption is that the older silo was no match for a high-capacity blower and the feed was being harvested and put up at too fast of a rate. Whether the cable-spreader distributor had ceased functioning is not known because it was too badly damaged in the wreckage to determine



It's not possible to know exactly what happened to cause the collapse, but the 59-year-old 24'x70' concrete silo was full after a day and a half of filling it with tritical. Please see related article on silo safety on page 8.

Photo Credit: Taken from Anville Cleona Fire Department Facebook Page

its condition. It could also be presumed that the distributor was working but it was overwhelmed by the rate of uptake.

"What we would have done differently, I don't know. Everything was routine to filling a silo. It wasn't sloppiness or that he wasn't being careful. It's something that you can't explain," said Curtis Martin. Martin is a family friend and also rented the dairy facility which Kendall was operating for 21 years before retiring.

**Martin added: "I can't stress enough the importance of checking on the distribution while filling."**

The 911 call was placed at 11:30 a.m. to the farm on Mt. Pleasant Road, just southwest of Anville. Initially, Anville Cleona and Union Hose fire companies were dispatched to the scene, with further assistance from Palmyra and Campbelltown fire companies. As the gravity of the situation unfolded, help was summoned

from the Lancaster County Rescue Taskforce, the Blue Rock Search and Rescue Team, York Advanced Tech Rescue, the Harrisburg Fire Collapse Team, the Lancaster County Building Collapse Unit, and several K-9 units.

K-9 Units were deployed to search and shortly after 1 p.m. a cadaver dog from Special Unit 66 SAR was able to pinpoint Kendall's location at the base of the silo. Recovery efforts continued for another seven hours before extrication was possible.

"This whole situation is multi-faceted. I can't explain why. My thoughts the last couple of days have been: the Lord giveth and the Lord taketh away; blessed be the name of the Lord," Martin shared. "It's a test. Do we believe God is good or do we just say He is?"

Kendall's family and friends have seen a tremendous amount of support since the accident from the more than 100 first responders on the scene to the scores of fellow farmers and people in the community who arrived the following day to begin the clean-up process. A GoFundMe account was established and quickly soared to over \$70,000 to benefit Kendall's wife and two young sons.

Fund organizer and friend Landon Allebach wrote on the donation page:

**"...his (Bryan) life was rooted in the hope of the Gospel of Jesus Christ. Bryan put no faith in his own good works but rather put his faith in the payment Jesus made for his sins on the cross. His life was a testament to that faith and the love he had for the Lord. Because of that, we can rejoice through the grief that Bryan is with his Savior in Heaven."**

**GRAHAM DAIRY SUPPLY INC.**

1581 Business Rt. 66  
Greensburg, PA 15601  
(724) 834-3162

**MILKBARN**

11606 Greencastle Pk.  
Hagerstown, MD 21740  
(301) 223-6877

**JBZ DAIRY ADVANTAGE**

1044 E. Main St.  
New Holland, PA 17557  
(717) 354-8030

## DeLaval Plus Behavior Analysis helps you to create a better To-do List:

**Find Sick Cows**

- ✓ Rumenation
- ✓ Activity
- ✓ Cow Health Index

**Find Cows in Heat**

- ✓ One graph, easy to read
- ✓ Accurate Heat Detection
- ✓ Clear breeding window

**Find them Faster**

- ✓ BA300 Cow Location
- ✓ BA300 Time in Zone



\*Terms and conditions apply

*For an optimal forage program:*

# Forage inoculants and preservatives are essentials

By **BEN JENSEN** and **JON PRETZ**  
Hubbard Feeds

LANCASTER, Pa. — We all know that feeding cows high-quality forage can translate to increased profitability, thanks to its superior digestibility and encouragement of dry matter intake. However, over the past few years, prices have been on the rise as the result of a limited forage supply. Despite its high cost, whether we are feeding on our farms or shipping down the road as a source of income, we can all agree that forage quality matters.

Forage is a valuable farm feed ingredient — so why doesn't forage quality get more attention? Many of us have invested large amounts of money into both equipment and seed and have dedicated countless hours to planting, cutting and checking fields. At the end of the day, many resources are dedicated to putting up quality feed, but we tend to deprioritize

it once it's back on the farm.

Forage accounts for more than 50 percent of most dairy rations. As such, the quality of the forages fed is a key determinant of profitability. High-quality silages improve balanced rations but cannot necessarily be matched with complementary feedstuffs, which often add expense. Spoiled silages make it difficult for dairies to reach their profitability goals and can lead to serious herd health and fertility issues. Furthermore, forages are our primary feed resource, and the use of high-quality silages gives us the opportunity to reduce our purchased feed costs.

When evaluating the process of producing high-quality forages on-farm, the topic of inoculants and preservatives often comes up. We are asked countless questions about the costs and application of these products and which ones might best fit a producer's needs, but in most cases, the most important question is: Are they worth it?

Inoculants and preservatives are very different. An inoculant's goal is to add good, viable bacteria to help direct fermentation toward a low pH as quickly as possible, and/or to improve aerobic and feedout stability by preventing dry matter loss. Alternately, preservatives let naturally occurring bacteria drive fermentation and provide the best environment possible for doing so by either eliminating oxygen or by preventing detrimental bugs from growing. The different inoculants and preservatives available on the market can vary greatly depending on their specific bacterial strains or fermentation-enhancing ingredients.

Forage crops harvested for silage contain a natural population of "good" microorganisms, which can promote the desired fermentation, as well as "bad" microorganisms — such as harmful yeasts, molds and other bacteria — that can cause poor fermentation and lead to excessive losses of dry matter, energy and nutrients. Because all silages are different, it is best to consider your unique situation when selecting the appropriate product to ensure that the "good" microorganisms win the fermentation battle and to meet your goals.

When determining which inoculant to use, consider the following questions:

1. Do you ever get smelly, butyric silage? And/or are you worried about dry matter losses and the loss of digestible nutrients in ensiling?
2. Is it important to maximize feed quality (digestibility) during ensiling?
3. Do you ever see your silage and/or TMR heat?
4. Have you seen any mold spoilage in the silage?
5. Do you have plans to move the silage?
6. Do you plan to feed silage during warm weather?

If you answered yes to any of the above questions, utilizing a research-proven inoculant could help you manage your forage quality potential by aiding in the fermentation process, enhancing digestibility and increasing feedout stability. Our research has led us to focus on bacterial strain combinations of either *Pediococcus pentosaceus* and *Lactobacillus plantarum* or *Pediococcus pentosaceus* and *Lactobacillus buchneri*. Both of these combinations aid in maximizing fermentation while enhancing digestibility and stabilizing feedout.

When deciding whether or not a preservative is the right choice for you, consider the following questions:

1. Was the forage harvested at the correct level of maturity and at an ideal dry matter percentage?
2. Have high mold and yeast counts been a forage quality issue in the past?
3. Are you looking for a more economical approach to preserving forage? Higher-cost *buchneri* inoculants may not be needed if the crop is harvested at an ideal maturity and dry matter percentage.

If you answered yes to any of the above questions, a preservative may be a good fit for your forage program. Our research on preservatives has led us to focus on an enzyme- and sulfur-based product that allows unique enzymes to convert more complex forage carbohydrates to sugar. Water-soluble carbohydrates combine with enzyme-produced sugars to result in more sugars being available for naturally occurring, lactic acid-producing bacteria. This unique combination of ingredients allows for a more rapid and efficient fermentation by the lactic acid-producing bacteria naturally present in forage, while sulfur-containing antioxidants limit the growth of undesirable yeast and molds.

**Return on investment (ROI)  
for inoculants and preservatives**

The cost of beneficial bacteria and/or preservatives is relatively low in comparison to the cost of the land, equipment, fertilizer and seed needed to start the feed-making process — and it almost always pays for itself. Thanks to increases in dry matter recovery, maintaining stability at feedout and improved TMR stability, we can easily expect a total ROI of

turn to page 18

## Is She Pregnant?

### Confirming Pregnancy in Cattle 28 Days Post Breeding

- Results in Less than 24 Hours
- Cost Effective
- Supplies Available for Pickup or Quick Delivery




**Precision Diagnostics, LLC**  
245 White Oak Rd  
New Holland, PA 17557  
**717-354-2178**  
pdlab@precisiond.com  
www.precisiond.com

## Custom Traction Grooving

Do your cows a favor...  
...Keep Them on Their Feet!

**NEW**

Now offering 3/4" wide grooves, mini grooves and surface milling in addition to our standard 1/2" wide grooves.

**Groove:**

- Alleys - down to 20" wide
- Feedlots
- Holding areas
- Return lanes
- Palpitation lanes
- Anywhere you have slick concrete!

**Your results:**

- Better heat detection
- Fewer injuries
- Increased milk production



What do you think girls?  
It's great traction, no more slipping for us!  
Thanks for getting this done, we'll pay for it with better production!

## Eli Fisher Construction

814-364-9361 • Centre Hall, PA

## NELSON & SONS CONCRETE GROOVING

FULL SURFACE & WIDE GROOVING

*We've Expanded!*

NOW 2 LOCATIONS - PA & NY  
2nd Branch Located in Finger Lakes, NY

Serving PA, NY, & Surrounding States

**610-589-1030**

Save Cows, Save Your Profit Margins

www.NelsonandSonsConcreteGrooving.com

# HPAI spreads to nine states, forcing some rule changes

By SHERRY BUNTING  
Special for Farmshine

WASHINGTON – Last week's USDA federal order requiring testing before transport of all lactating dairy cows from any state to any other state, effective April 29, took many in the industry by surprise after it appeared there was a lull in new cases of highly pathogenic avian influenza (HPAI) in dairy herds. Some wonder why, given the fact that cattle recover and the one and only human case in a dairy worker was a mild conjunctivitis that resolved on its own.

Stemming the spread is important, officials say, because of potential transmission from dairy cows to poultry, and because researchers need to understand what is an evolving and novel situation blamed for a syndrome that began in Texas in February marked primarily by reduced feed intake, marked drop in herd level milk production, thick or colostrum-like milk in affected cows, and dry tacky manure.

Last week, USDA Animal and Plant Health Inspection Service (APHIS) updated the number of herds with HPAI detections to 36 in 9 states: Texas (12), New Mexico (8), Michigan (6), Kansas (4), Idaho (2), Ohio (1), North Carolina (1), South Dakota (1), and Colorado (1).

The federal order includes mandatory reporting of HPAI, and the required pre-movement testing pertains only to lactating dairy cows.

The only exception is for cows going directly to a federally-inspected slaughter plant.

For cattle coming into Pennsylvania from states where HPAI has been detected within the prior 30 days, even non-lactating dairy cattle and dairy crossbreds over one year of age will need to be tested via nasal swab per state orders.

Lactating dairy cow testing is only through milk samples, which again are where the reservoir of virus is being found. These milk samples must be collected by a licensed veterinarian or a designee at the farm, if the veterinarian is comfortable signing for that sample via a valid client-patient relationship (VCPR).

USDA APHIS will pay for the cost of all pre-movement and suspected illness testing for HPAI H5N1, but the costs of taking the samples and sending them to a qualified lab are not covered.

During the May 1 Center for Dairy Excellence call, Pennsylvania State Veterinarian Alex Hamberg helped clarify emerging orders and guidance.

Both Hamberg and Jeff Warner, director of the Pennsylvania Department of Agriculture Bureau of Food Safety and Laboratory Services, emphasized the effectiveness of pasteurization to inactivate the virus in milk. Hamberg noted that PCR testing has a tendency to pick up dead strands of virus so that can be confusing, but pasteurized milk is safe.

Warner said there is no ban on raw milk sales from permitted farms at this time because there have been no HPAI detections in Pennsylvania; however, all permit holders have been notified by mail and email to be mindful of the signs of HPAI, and as all dairy farms are expected to do with any sick cow, withdraw that milk from sale.

"We have no cases in Pennsylvania to-date. We have done some testing, and so far, no detections. Let's keep that trend going," said Hamberg.

Producers asked: What happens when there is a positive test?

"If a test comes back positive," said Ernest Hovingh, Penn State extension veterinarian and resident director of the Penn State Animal Diagnostic Laboratory System (PADLS), "we notify the national veterinary lab system and the state department of agriculture, and then Alex (the state vet) springs into action."

"Our quarantine response says cattle can't leave the farm without permission, but if cattle need to go to slaughter or

somewhere else, we would do a risk assessment for permitting. We also would use 30-day increment permits for milk movement to processing, so you could move milk from this point to this processor, but while doing it, you follow these biosecurity rules like being the last stop on the truck and having additional cleaning for trucks leaving the farm, and having enhanced biosecurity plans in place," said Hamberg.

He has much experience with quarantine response for HPAI in Pennsylvania's poultry industry, which this year surpassed dairy for the first time as the largest cash receipts ag sector in the Commonwealth. He noted the risk of spread from dairy cows to poultry is a big concern, since HPAI is deadly to poultry.

At the same time, he said, "we are seeing nationally a 20% drop in herd level milk production (in dairy herds where HPAI has been detected). That hurts. Dairy is tough enough, and losing 20% of your milk, that stinks, so we don't want to compound that loss. We want to move milk in a safe way to get your milk to processing" – if HPAI is detected on a Pennsylvania dairy farm.

"This is not a big scary thing. We have steps we can do – even if we get a positive case," said Hamberg.

Hovingh noted that having Pennsylvania dairy heifers raised out west is now a high-risk practice. "Your animals would be going west to a potentially infected state, and they would return at over one year old and be subject to state rules for testing" – if they come back from a state with HPAI de-

tectations.

Farmers and cattle dealers have questions about what is needed to ship cull dairy cows to livestock auctions, where packer buyers come from several states.

Hamberg said his office is expecting additional guidance from USDA this week, but his understanding right now is that sale barns will only be required to have a Certified Veterinary Inspection (CVI) and a negative HPAI milk test when lactating dairy cows cross state lines to a market.

"If you are going to a sale barn within your state, you don't need the extra testing, but this would limit the sale to buyers within your state – unless that buyer takes the animal(s) directly from the auction, to slaughter," he said. "Dairy cows (from Pennsylvania dairy farms) can go to a sale barn in Pennsylvania, and then go across state lines to a slaughter plant in New Jersey with just an owner-shipper statement and back tags – as long as they leave as a group, get on the trailer as a group, and don't get off that trailer until they are at an FSIS inspected slaughter plant."

Producers also have questions about what is needed for exhibition cattle with the show and fair season as well as regional and national shows underway.

USDA's final rule on mandatory electronic identification was published in the May 1 Federal Register, Hamberg noted. In 180 days, the rule requires E-ID for all sexually intact cattle over 18 months of age, as well as bison and all cattle in exhi-

turn to page 23



**AGRI-TRAC**  
Traction - Milling

- Increase Milk Production
- Increase Heat Detection
- Reduce Hoof & Leg Injuries
- Reduce Cull Rates

Our Gift of Green Spray from [www.andrewsaggo.com](http://www.andrewsaggo.com) that all vets, farmers, hoof trimmers, and farriers are using for cuts, warts, ringworm and hoof rot.

"I still lost cows when I grooved. Agri-Trac came in and changed that! This is real Traction for my cows! I noticed the difference right away! I liked it so much I had them come back and do the rest of my barns! No more grooving for us! Thanks Agri-Trac!"

– **Unc Brock, Schaghticoke, NY**

"AGRI-TRAC Traction Milling lasts and it won't wear! It works! I believe in it! No more slippery floors! No more grooving every few years! AGRI-TRAC lasts far longer than grooving. No more lame or down cows!"

– **Jim Akam, Concord Valley Farms, Sparta, VA**

"Agri-Trac works so good after they milled our floors our milk count went up 2lbs per day without changing anything else! You can see the confidence our cows have now when walking and running. No more down cows with grooving! Thank you AGRI-TRAC!"

– **Ron Deboover, Vince Deboover Farms, Geneva, NY**

"We had slippery floors and lost cows. Now my cows have real traction! This is a game changer for us. Thanks to Agri-Trac now our cows are happy. This is a game changer!"

– **Matthew Rohrer, Rockingham, VA**

"Right after my barn floors were milled we had real Traction for the first time since we started milking cows. I realized a 5lb per cow increase right off. My cows are completely different. I will never groove again! Thank you AGRI-TRAC!"

– **Derrick Nop, Montgomery, NY**

"AGRI-TRAC Traction Milling works 100%! I have grooving and it does not work! AGRI-TRAC milled right over my grooving and fixed it! I will stick to AGRI-TRAC in the future!"

– **Robert Musser, Shippensburg, PA**

**Planting and Hay Baling Season Special Discounts**

**Agritraction.com • 717-682-8557 or 877-966-3546**

**Get more out of your silage!**



**FermenAider™**  
SILAGE INOCULANTS

**Improve silage quality for better ROI**

- ▶ More rapid and complete fermentation
- ▶ Improved retention of forage nutrients
- ▶ Better silage stability
- ▶ Improved silage value

**LEARN MORE**



**Bio-Vet.com | 1-800-BIO-VET1**

**RUNNING LOW  
ON HIGH-OLEIC  
(PLENISH) BEANS?**

**We can now sell  
Plenish Flaked Toasted  
Beans directly to you!**

Call for pricing & delivery info!



**Toasted is Tastier!**  
**(717) 355-BEAN (2326)**  
**220 White Oak Road**  
**New Holland, PA 17557**



If there ever was such a thing as a banner day, it happened on April 22 in central Pennsylvania. Sweet-Peas Holsteins had reasons to celebrate. Pictured from left to right, front row: Kayla Barton, Heather Soden, Madison Soden (kneeling). In back, same order: Colton Lusk, Mikey Barton, Michael Bosley, Sean Lynch, Judge Kevin Doeberiner, Denise Pease, and Tyler Soden.

## PENNSYLVANIA HOLSTEIN SPRING SHOW

# McWilliams Warrior Raine-ET secures her spot on top; Sweet-Peas Holsteins gathered many honors and banners

CENTRE HALL, Pa. — Judge Kevin Doeberiner of Ohio identified McWilliams Warrior Raine-ET as the grand champion of the Pennsylvania Holstein Association's open show, held here on April 22 at the Grange Fairgrounds. She is proudly owned by Sam McWilliams and Katie Darnell of Somerset County. A 4-year old, Raine was also named best bred and owned.

Sweet-Peas Movin Camouflage, a junior 3-year old exhibited by Sweet-Peas Holsteins of Susquehanna County, was named reserve grand champion.

In the youth division, 5-year old Sweet-Peas Solomn Adrift-ET, owned by Tyler Soden, was named senior and grand champion. Tyler and his sister, Madison, shared the center of the ring as Madison exhibited the second-place in open placing and first-place youth placing in the aged cow class. MS Oportunity Amanda-Red-ET, sired by Avalanche, was named reserve senior champion and reserve grand champion among

youth entries. All told Judge Doeberiner placed 219 head that day.

The Pease Family was named the Premier Breeder and Premier Exhibitor of the heifer shows and by day's end they were awarded the same prestige for the overall show.

Aubree Kitzmiller of Lycoming County leading AAG-Dreams Helix Firefly, a senior 2-year old, earned the reserve intermediate champion prize of the youth division, as well as distinction for best bred and owned honors of the youth show.

On Tuesday evening, a delicious chicken BBQ meal was available, with milk donated by DFA and ice cream provided by Purina Feeds and four of their feed mills (East Gate, Franklin Feeds, Hess Mills, and K&K Feed).

Wednesday night was the youth showmanship contest but prior to the contest the American Dairy Association and Domino's Pizza helped the juniors fill their bellies with

Domino's pizza. All in attendance on Wednesday night were invited to enjoy ice cream sponsored by Wasson Farm Ice Cream.

Thursday was a beautiful day, with a smoothly run show that would not have been possible without the countless volunteers who stepped up and took days off to be inside and outside of the ring.

Without volunteers, quality Holsteins, dairy breeders and enthusiasts, along with the extreme generosity of sponsors, this show would not have been made possible in central Pennsylvania. Like in everything, there is a lot of preparation that goes on in the barns, at home and behind the scenes.

The Pennsylvania Holstein Association thanks everyone who had a hand, part or contribution to making the show happen.

Please look for more show coverage in next week's Farmshine.

**Keystone Concrete Products, Inc.**  
477 E. Farmersville Rd.  
New Holland, Pa. 17557



(717) 355-2361 - corporate office  
(717) 355-9548 - fax  
keystoneconcreteproducts.com

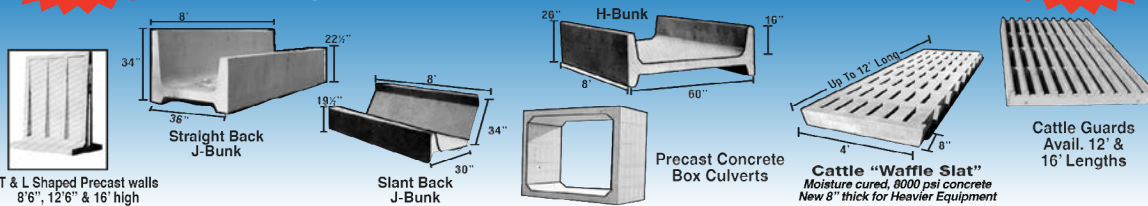
**NEED THAT BUNKER? CALL ASAP TO RESERVE YOUR WALLS!!!**



Secure Cover Dealer

Financing Available

**Agricultural Pre-cast Products Available:**



T & L Shaped Precast walls  
8'6", 12'6" & 16' high

Cattle "Waffle Slat"  
Moisture cured, 8000 psi concrete  
New 8" thick for Heavier Equipment

Cattle Guards  
Avail. 12' & 16' Lengths

We can't make your cows dance but we can make them more comfortable and productive with effective fly control!



**Our Fly Control for Dairy Farms Features Three Products**

- Start with a fly parasite Plan. It is basic to fly control.
- Add some cedar fly traps that take out existing flies and help fly parasites take over.
- Have an electronic zapper or two or three for inside fly control - they keep on zapping!

**The Best Fly is a Dead Fly. Even Better Is No Fly.**



NO PRICE INCREASES THIS YEAR

Call to Start Your Plan Now!  
P.O. Box 4350, Homosassa Springs, FL 34487  
www.dairyflyparasites.com  
or email: usefultfarm@gmail.com

**Call 1-888-771-3276**

**Useful Farm Products**

# The five most important tips for quality hay-making

CORVALLIS, Ore. -- Making quality hay requires basic knowledge of the life cycle and parts of the plants to know how to capture the optimum nutrient value. Being a student of the local weather conditions also helps complete the task.

The National Forage and Grassland Curriculum based out of Oregon State University offers five key considerations on how to properly harvest and store hay.

**1. Timing is everything.** Harvest or cut the hay at first bloom, also known as heading or the anthesis stage. Make sure to cut or swath hay when the forecast calls for several consecutive days of sunshine, as it is best to cut and bale hay without rain if it can be avoided.

**2. Leave the nutrition in.** Make sure you harvest forages that have a good nutrient content and remember that often the leaves contain the best nutrition. Some species such as meadow fox-tail don't have adequate leaves to make quality hay. Since 2/3 of the plant's protein is found in the leaves, it is important to find a forage with good leaves that will stay on the plant once it is harvested. Although yield increases as the plant matures, both nutrient value and palatability are at their peak at anthesis, so finding the right time to cut or swath hay becomes an art.

**3. Dry before you bale.** Rapidly dry the hay to 15-20%



Although yield increases as the plant matures, both nutrient value and palatability are at their peak at anthesis, so finding the right time to cut or swath hay becomes an art. Photo by Dieter Krieg

moisture. If you need to "rake" the hay into windrows that will help speed up the drying process, but be cautious, as that also removes the leaves, the main nutrient source from the hay.

**4. Green is good.** Maintain the forage's green color, which indicates minimal deterioration. The green color of in forages indicate nutrient values are still present, and mold is not. Sun can bleach the hay, which also removes nutrients. If your hay turns white or brown, that is a sign of mold.

**5. Storage solutions.** Be sure to store your hay in a place where it is protected from further deterioration to maximize nutrients and palatability. If you can store it inside, that is ideal, just make sure it is free from moisture. And, make sure you can identify which field/pasture and which cutting each load came from when it comes time to forage test later in the year.

moisture. Cut the hay so that baling becomes simpler and the ability for it to dry is maximized. Most swathers cut the hay into wide windrows that help facilitate drying while waiting to be baled. Keep the stubble relatively high, which also helps air circulate around the hay, and helps it dry faster.

Most grasses and forages contain up to 90% moisture, so it could take a few days to dry they hay down to 15-20%

should be able to get 2-3 cuttings of hay each season, allowing you to stockpile forage for your livestock when you need to feed them a lower-cost feed. Be sure to test your hay prior to feeding it so you know what its nutrient value is and how to supplement your livestock to ensure they are getting all the vitamins and minerals they need to stay healthy and perform.

Focusing on -  
High Energy Forage for Healthier Cows & More Profit!

**King's AgriSeeds Inc.**  
FEEDING YOUR FARM'S FUTURE.  
1828 Freedom Road, Suite 101, Lancaster, PA 17601  
Call for a dealer near you!  
**717-687-6224**  
www.kingsagriseeds.com

**Lancaster DHIA**  
DHIA Milk Lab — Microbiology / Culture Lab — Forage Lab  
1592 Old Line Road, Manheim, PA 17545  
www.lancasterdhia.com — 1-888-202-DHIA (3442)

Planning on replacing an existing roof or constructing a new building?

**THINK LIFETIME**  
**THINK METAL**

Martins Roofing • 717-532-3460  
260 Walnut Bottom Road • Shippensburg, PA 17257

**Power Systems Electric Inc.**  
Emergency Generator Systems & Service  
885 South Railroad Street, Myerstown, Pa 17067

Sales, Service, & Rentals  
Providing service for most brands

**Maintenance Programs**  
New & Used Gen Sets, Transfer Switches, PTO Gens.

**24 HR EMERGENCY SERVICE**

info@psegenerators.com  
www.psegenerators.com  
For all your generator needs call (717)933-5617

**Cool Season Cows Making Lots of Milk?**

Keep it that way with **COOLfog™**  
AGRICULTURAL COOLING SYSTEMS

Call today for more information:  
**717-445-6061**  
Fax: 717-445-9303

**JRS AG ASSEMBLIES LLC**  
268 Pleasant Valley Rd., East Earl, PA 17519

**Is your water safe to drink?**

Even water that "looks" good can be harmful to your health and your livestock

**New technology water treatment**

- Save up to 50% in operating costs
- Less salt
- Less water for back wash

**HOME FARM COMMERCIAL**

Iron Removal . . . Softener . . .

Nitrate Units . . . Water Neutralizer . . .

UV Lights . . . Reverse Osmosis . . .

Chlorine . . . Peroxide Applicators . . .

Available in 110 or 12V DC

**OREGON** Water Conditioning LLC  
305 Quarry Road  
Leola, PA 17540  
(717) 656-8380

# High forage diets can maximize dairy profit

*But they are not accomplished overnight; here's how to approach it*

## Got your T-shirts yet?

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, daughter of Heidi and Andy Styer and granddaughter of Farmshine Editor, Dieter Krieg.

**DAIRY FARMERS  
SQUEEZE to PLEASE**

**cows got milk**  
*providing goodness worldwide*

### T-SHIRT ORDER FORM

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_

Sizes available (Please circle):

Child: S M  
Grey or Yellow

Adult: S M L XL XXL  
Yellow or Grey

Amount Enclosed: \_\_\_\_\_

All orders MUST be pre-paid. Please be certain to enclose \$12.50 for each adult shirt and \$10 for each child shirt. (Which includes postage and handling).

**FARMSHINE**  
342 E. Main St., Suite 201, Leola, PA 17540

### T-SHIRT ORDER FORM

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_

Sizes available: Please circle

Child: S M Adult: S M L XL XXL

Colors available (Please circle):

Lime Green • Medium Grey • Pink • Light Yellow

Amount Enclosed: \_\_\_\_\_

All orders MUST be pre-paid. Please be certain to enclose \$12.50 for each adult shirt and \$10 for each child shirt. (Which includes postage and handling).

**FARMSHINE**  
342 E. Main St., Suite 201, Leola, PA 17540

By TOM KILCER  
Advanced Ag Systems

RUTLEDGE, Tenn. — Milk prices are down and putting a squeeze between the dairy and the concentrate purchased to maintain milk production.

One advantage of being around for a long time (when we milked mammoths) is that we have seen this before. It doesn't make it any more pleasant.

The early 1980's were very hard times with many farms not making it. We had a repeat scenario in 2014 when grain prices went through the roof. We are seeing a version of this again in 2024. Ironically the breakthrough we had in early 2000 is still viable today.

A key has been to feed cows as cows. They are fiber digesters and the more digestible forage that is included, the greater the benefit.

Farms we worked with documented increased components as they switched to higher digestible fiber from forage. They got more money for their milk, along with healthier cows and reduced culling, which meant fewer heifers needed to be carried to maintain herd numbers.

Dr. Larry Chase of Cornell, in a study of high forage fiber farms, also found fewer metabolic disorders and acidosis. This meant fewer foot problems and lower vet costs. The lower vet costs were a striking factor in the farms we worked with.

Dr. Chase and our work found that there was a significant increase in income over feed costs. In other words, the bottom line got better!

A group of farms for which highly digestible fiber forage diets are critical -- are the organic dairies. Their grain costs are tremendously high. Substituting high digestible fiber forage can meet the animal's needs for high production without sending so much of the milk check to someone else.

Forage feeding level is not something you magically pull out of the air and start stuffing into the cows.

Page 125 of the Dairy Reference Manual shows the % NDF feeding level able to be fed -- depending on the size of the cow and the weighted NDF of the forage fed. In the chart (Fig. 1), the NDF forage feeding levels are inputted into a ration for a 1600 lb. cow. Note: all three levels of forage feeding are balanced rations. Which one does your nutritionist choose?

Achieving the profitability of a high-forage diet takes two key people; the farmer making the forage and the nutritionist balancing the ration. The nutritionist, if on board with the effort, can only be as good as the forage they have to feed.

The forage program is critical in getting forage quality to the mouth of the cow (the only place it counts).

Having calculated for multiple farms over multiple years, it is consistent that the cost of nutrients from forage is much less than from concentrate.

Of course, if you farm with no soil test, a better equipment lineup than the machinery dealer, and a harvest that goes by

turn to page 15

*Offering a Full Line of Ag Seed*

Forages - Cover Crops - Small Grains - Corn - Soybeans

**SORGUM PARTNERS®**  
A BRAND OF SEW SEED COMPANY

**Grain Sorghum**

- SP 30A30
- SP 45A45
- SP 58M85

**Double Team®**  
SORGHUM CROPPING SOLUTION

- Superior Grass weed control
- Improved yield potential

**Sudangrass & Sorghum-Sudangrass**

**SweetLea 405 Sudangrass**  
- BMR 6, Photoperiod Sensitive, Fine stems, Wide leaves

**SavorLea 471 Sorghum-Sudangrass**  
- BMR 6, Good vigor, Widely adapted, Great yielder

**SunLea 209 Sorghum Sudangrass**  
- Biomass builder, Economical Forage or Cover Crop option

**ST 2090 BMR BD Forage Sorghum**  
- Brachytic Dwarf, BMR, Short season

**ST 2105 BMR MS Forage Sorghum (Male Sterile)**  
- Energy comparable to corn silage with 8 - 10% protein

---

**JACOBSEN** **J3817 GT Soybeans**  
Excellent for Full Season or Double Crop  
Remarkable health  
3.8 Group Rating

**LEABROOK AG**  
"Helping You Cover Ground"  
2278 Leabrook Rd. Lancaster, PA 17601  
(717) 898-9576

# High forage diets

from page 14

date like grandpa did instead of quality, and if you're laying the haylage in windrow to compost dry over three days, the cost of your nutrients in the forage could be more than the purchased concentrate.

Soils drive the rotation, which drives what the cows are fed.

One farm was growing 60% haylage and 40% corn silage (best rotation for their soil type). The nutritionist was feeding 60% corn silage and 40% haylage and they were wondering why they were always running out of one of the feeds. You need enough forage and all must be high quality to support maximized feeding.

As a farmer you need to grow the quality digestible fiber forage that is best adapted to your soil and environment. This is why we actively developed the best management practices for alternative crops that are proven to produce very high-quality high digestible forage such as wide swath same-day haylage, flag leaf winter triticale forage, male sterile BMR sorghum with enhanced nutrition, red clover; and high digestibility cool season grasses. Each can support high-forage diets but is adapted to soils/environments where alfalfa and /or corn may not do as well.

Grain types for silage or dual-purpose types for corn silage is 1950's technology that can only support a low-forage diet. Growing appropriate season, high fiber digestible, soft kernel corn varieties will allow it to be harvested at optimum quality instead of waiting a month after everyone started before you can chop wet butyric stuff.

That promised extra yield is not worth it, and simultaneously kills the profitable crop that hundreds of farmers have tapped by following a slightly shorter season corn crop with high-quality winter triticale forage.

Harvesting haylage by wide swath same-day practices allows faster harvest and has been proven to increase the energy level of your alfalfa by 25% to nearly that of corn silages. This supports higher forage feeding, which supports much higher milk production from your haylage.

Mowing directly into a windrow and then composting that for two to three days to reach 35% DM before chopping will never get you to this high forage feeding opportunity.

Both of these factors, corn silage variety selection, and haylage harvest method, are factors you control. Your nutritionist needs to be fully on board.

One farm thought they were feeding high forage until the ration was examined. The nutritionist had it balanced for a 1350-pound animal. The farmer and his wife taped all their cows and found the average was 1600 pounds per cow – it was not a high-forage diet.

For this to work, you must start with accurate, not guessed, numbers. Again, the nutritionist needs to be on board.

Many excellent dairy nutritionists have the skill, experience, and drive to meet your farm's objective of high digestible fiber forage -- feeding the highest forage fiber quality you can produce. If yours doesn't, find one that will.

You have to take steps to increase forage fed. As mentioned above, the first is quantity of quality forage from timely harvest. Then it needs to be preserved utilizing a proper inoculant and packing in the storage.

Nearly all steps are your management, not something you buy. The cows will start eating more of better-quality forage.

Dr. Chase of Cornell recommends a 2% step increase at a time and the ration re-balanced at each step. The cows may slightly decrease due to change, and then significantly increase production after that, but do it on more forage.

As you work with your nutritionist to step up the forage feeding levels, and as the cows adjust, they will eat more. It is not done overnight. As your forage digestible fiber increases you will need to adjust your management to take advantage of it.

Dumping highly digestible forage fiber in the rumen means it can quickly flow through and out of the rumen before the nutrients can be fully digested and utilized. Work by Dr. Rick Grant of Miner Institute found that as the forage digestible fiber increased, the length of cut needed to increase. A 3/4 to 1 inch length of cut will increase the peNDF for a better rumen mat and greater extent of digestion before it is washed out of the rumen. A one-inch length will not increase sorting.

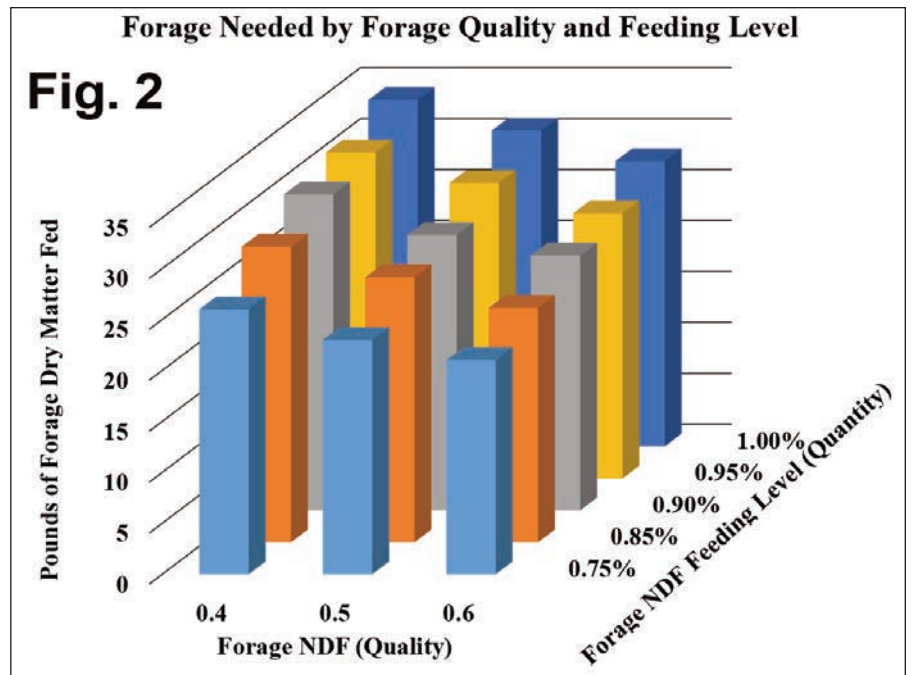
For highly digestible forages like winter triticale at flag leaf stage or enhanced male sterile BMR sorghum, the increased length of cut has the added benefit of dramatically reducing silo leachate.

As our winter forage yields have increased to 4, 5, and now 6 tons DM per acre, it is increasingly difficult to get it quickly dry for ensiling. The one-inch length of cut and increased moisture allows it to be successfully ensiled without nutrients leaching out of the silo (wet forage not suggested for upright silos).

You can burn through a lot of highly digestible fiber without getting the nutrient benefit, if you short cut it. Adding a small amount of chopped straw will band-aid the issue, but the long term answer is to increase the length of chop at harvest.

Combine the two factors of forage quality and NDF feeding level: A moderately low forage quality diet fed at a typical low forage feeding level, when transitioned to a high forage diet of high forage quality, will consume 32% more forage (Fig. 2) while producing equal or more milk, and clearly more components from healthier cows.

It may seem common sense, but you have to produce it before you feed it. Farmers are often shocked to see how fast the end of the forage supply comes when feeding a high-



Forage inventory needed by quality and feeding level.

Provided by Tom Kilcer

forage diet.

When it is all put together, the shift in profitability is impressive.

**About the author:** Tom Kilcer operates Advanced Ag Systems from his home in Rutledge, Tenn., after spending decades on location in eastern New York State, working with dairy farms and researchers in practical application and on-farm trials. His motto: "It is the crops that feed the cows that make the milk, which creates the money."

• Reprinted with permission from Crop and Soil News, April 2024

**Fig. 1**

$$\text{Body weight} \times \text{NDF target} = \text{Lbs Forage Fed}$$

Weighted Forage NDF

Target NDF Forage Fed	Forage NDF as % Body Weight	Lbs. 40 NDF Corn Silage	Lbs. 40 NDF Haylage	Lbs. Forage Dry Matter
Minimal	0.0075	20	10.00	30
Average	0.0095	24	14.00	38
Moderate High	0.01	26	14.00	40

Table from page 125 of the Dairy Reference Manual shows the % NDF feeding level able to be fed -- depending on the size of the cow and the weighted NDF of the forage fed.



## Partnering with farmers for nearly 150 years.

Whether it's borrowing to purchase, upgrade or expand farm facilities, or credit lines to optimize flexibility and cash flow, it's time to explore your possibilities with Univest.

717-519-7077 | univest.net



Univest Bank and Trust Co. is Member FDIC and an Equal Opportunity Lender.

### BIG CAUSE OF MASTITIS!!!

Mastitis is the most common and costly disease in the dairy industry. Veterinarians know that the liner when milking doesn't totally close in the rest phase. This causes a large percent of mastitis in cows. With the liner open, Pre-dip doesn't stop bacteria when being forced up the open teats in the rest phase. Mastitis shortens the life of the cow. TridentPulsation™ (winner of an ASABE award) is the only system that totally closes the liner in the rest phase when milking a cow. This stops bacteria being forced up the teats which causes a large percent of mastitis in dairy cows!



Which of these liners is your mastitis creator? Round, square, triangle...

607-849-3880  
TridentPulsation.com



# Department of Animal Science



animalscience.psu.edu

## Penn State Dairy Science Club visits Texas

This year the Penn State Dairy Science Club's annual spring trip took 27 students to Texas for five days of experiencing Texas culture and learning about the state's robust dairy industry.

The trip began with exposure to a true Texan experience, visiting the Fort Worth Stockyards. According to Ashton Stiles, Blairsville, past club president and one of the organizers, "One goal was to see sights out of the ordinary and some fun touristy activities." And this visit fulfilled, with Lynnneah Brady, Big Cove Tannery, saying, "One of the biggest highlights for me was visiting the Fort Worth Stockyards. I am a HUGE fan of John Wayne and grew up on The Roy Rogers Show, so getting to see the John Wayne Museum and Roy Rogers's horse Trigger and dog Bullet was absolutely amazing."

The Stock Yards visit also included entertainment by bull riders, barrel racers and other cowboys and cowgirls at the Fort Worth Stockyards Rodeo. The group also visited Sundance Square, a unique entertainment, dining and shopping venue found in downtown Fort Worth.

About the itinerary, Stiles explained, "We wanted to include some larger dairies and some more technology-based farms like the robotic herd we visited. Overall, we wanted the entire club to enjoy the trip and learn something new about the dairy industry!"

### Texas A&M

An early highlight was meeting the Texas A&M Dairy Science Club on campus in College Station, where members exchanged ideas about club activities and Penn State students received a tour of the campus. A notable feature on the campus is a wall in the staircase of the Kleburg Animal Science Building that has the historical brands of 2,500 Texas ranches. At the Memorial Student Center, the students learned about the Hall of Honor which honors eight Aggies who have received the Congressional Medal of Honor.

Brady said, "We made a lot of friends, which then allowed us to hang out with that group at North American Dairy Challenge! The Texas A&M campus tour we got was a lot of fun too; I especially loved their Hall of Honor



On a visit to the ST Genetics facility in Navasota, Penn State students had the opportunity to see their bulls, learn more about their Ecofeed programs, and their development on reproductive technologies in cattle.

which commemorates Texas veterans."

Before visiting Texas A&M, members visited the headquarters of ST Genetics at Navasota. Dan Carroll, Dairy Programs Manager, arranged a day of educational programs and tours where the Penn Staters learned about ST's Ecofeed System and their feed efficiency research. They also learned about the evolution of semen sexing machines, and discussed ST's efforts to increase genetic progress by decreasing generation intervals and employing other strategies.

Although most of ST Genetics' dairy sires are housed in other locations, students saw a wide variety of Brahman bulls and other beef sires that are marketed worldwide.

After a visit to Magnolia Silos in Waco, the group visited several local dairy farms near

Stephenville. The first stop was to Ned-Tex Dairy, a 900-cow herd milked by 15 robots. Deedee Stoker, owner along with husband Roel and son Roeland, gave the students a great overview of their breeding program and the challenges faced by Texas dairy producers.

Next farm was Volleman's Family Farm and Wildcat Dairy, Gustine, where the family milks approximately 5,000 cows and opened a milk bottling facility within the past four years.

The family came to the United States from Luxembourg to Texas in 1993. The four Volleman sons each have a main area of responsibility in their operation. Andrew Volleman led the students on a tour of the processing plant and farm, and students were able to taste test a wide variety of Volleman products. Although the Volleman brand is fairly new, they are now the official milk of the Dallas Cowboys. Following the visit to the milk plant, students headed to the main farm where they learned about their management strategies and use of by-product feeds such as cottonseed.



Students headed to Ned-Tex farms, a 900 cow operation that is currently using 15 Lely robotic milking units.

### Penn State Extension offers Youth Dairy Day

Penn State Extension's Youth Dairy and Livestock Day will be offered in three locations in June, with all workshops being held from 8:30 a.m. to 2:30 p.m.

- **Friday, June 7** - Huntingdon County at the Huntingdon County Fairgrounds, 10455 Fairgrounds Access Road, Huntingdon

- **Tuesday, June 18** - York County at the York County 4-H Center, 771 Stoverstown Road, York

- **Tuesday, June 25** - Crawford County at the Crawford County Fairgrounds, 13291 Dickson Road, Meadville

Penn State Extension offers the event free of charge, but participants must register to attend. Lunch will be provided. Registration deadlines occur two days prior to each event.

For more information and to register, visit <https://extension.psu.edu/youth-dairy-and-livestock-day>

### Online resources

Department of Animal Science: [animalscience.psu.edu](http://animalscience.psu.edu)  
College of Agricultural Sciences: [agsci.psu.edu](http://agsci.psu.edu)  
Cooperative Extension: [extension.psu.edu](http://extension.psu.edu)

### formation

Department of Animal Science  
The Pennsylvania State University  
109 AVBS, University Park, Pa. 16802  
814-863-3665

### Contact in-

Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce. Penn State College of Agricultural Sciences research and extension programs are funded in part by Pennsylvania counties, the Commonwealth of Pennsylvania, and the U.S. Department of Agriculture. Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, contact 814-863-3665 in advance of your participation or visit.





Topping the sale at \$8100 was Kruses ACC Norwin Jiffy-ET, a fancy winter show calf consigned by Acclaimed / Kruse of Iowa. Investing in her future were JoBo Farms of Pennsylvania and Packard & Kueffner of Maryland. Pictured, left to right, are Cindy Warner and Ellie Widerman from JoBo Farm at the halter. *Photos by Dieter Krieg*



Second high seller at \$7500 was Prime Time Rampage Faye-ET, a stylish winter calf consigned by Brody Geiwitz of Pennsylvania and purchased by Peter Vail of Florida, represented by Cindy Warner. Justin Dewees is at the halter.



The third high seller, at \$6100, was Top Acres Noble Pris, a stand-out fall calf consigned by Wayne Sliker of Ohio. Tom Stull of Ontario, Canada, was the buyer. Pictured are Cindy Warner, sale manager, and Hannah Myers at the halter. In the box are Wayne Sliker, pedigree reader, left, and Denny Rensburg, auctioneer.

## 50th Mid-Atlantic Brown Swiss sale averaged \$2409

By CINDY WARNER  
Special for Farmshine

FREDERICK, Md. — Celebrating the 50th anniversary of the Mid-Atlantic Brown Swiss Calf Sale did not disappoint with another successful chapter ... the final chapter.

Good weather and good people were in attendance for this concluding sale. A tradition of excellence continued and a great group of highest quality calves once again graced the sale ring. The 40 head sold averaged \$2409. It was a great line-up of "typey" calves backed by maternal lines with show-winning ways.

Topping the sale at \$8100 was a December show calf, Kruses Norwin Jiffy-ET, tall, long and fancy and backed by seven Excellent dams, many of the show winners. She was the consignment of Acclaimed Swiss and the Kruse Family of Iowa. Bidding was brisk on site as well as on Cowbuyer.

Jiffy's new owners are JoBo Farms of Gettysburg, Pa. along with Terry Packard and Ernie Kueffner of Boonesboro, Md.

The second-high seller was Prime Time Rampage Faye-ET, a December calf with excellent show prospects. She's out of Round Hill Braiden Fenny (EX-93) and backed by Excellent dams and All-Americans. She was the consignment of Brody Geiwitz of Volant, Pa. and was purchased by Peter Vail of Florida for \$7500.

The third high lot was Top



Acres Noble Pris, a big and stylish fall calf consigned by Wayne Sliker and Brian Sparling of St. Paris, Ohio. The pedigree shows nine generations of high VG or EX dams. Pris sold for \$6100 to Tom Stull of Ontario, Canada.

Selling for the fourth-highest bid, \$5600, was Blessing Garbro W Portia-ET, the consignment of Blessing Farm and Brian Garrison. Portia's pedigree boasts a show-winning (EX-93) dam, Sun-Made GB PLT Pretzel, whose lifetime production has exceeded 158,000M, 7367F, 5734P. Six more dams stand behind Pretzel, all with lots of production and show winnings. The winning bid came from Katelyn Taylor of Pennsylvania.

Fourth high seller was Blessing Garbro W Portia-ET, a fall calf consigned by Blessing and Garrison of Indiana. She is backed by seven EX dams with production and show winners. Sold for \$5600, the final bid came from Katelyn Taylor of Pennsylvania. Pictured are Cindy Warner, Ellie Widerman at the halter and Ellie's Mom, Joy Widerman.

# Crop Guard Forage Inoculants

Protect your Bottom Line with...

- Latest Technology
- Carefully Selected Strains
- Superior Performance
- Maximum Forage Quality

All three products available in both dry and water soluble form.



494 W. Broad Street  
New Holland, PA 17557  
(888) 336-7878  
www.homesteadnutritioninc.com



FERMENTATION



FERMENTATION STABILITY



FERMENTATION STABILITY DIGESTIBILITY

Sire The Need<sup>®</sup>  
Animal Analysis Associates

**aAa Weeks<sup>®</sup>**  
Michael McCaffrey, Analyzer

Mobile: 315-447-4699 • Mike.McCaffrey@aAaWeeks.com  
58 James Street, Homer, NY 13077 • www.aAaWeeks.com

**RONALD F. EUSTICE PUBLICATIONS**

Name of Book	COVER	Price
MAYTAG FARMS: WASHING MACHINES, CLASSIC COWS & BLUE CHEESE	Hardcover	\$65.00
THEY SAW RED!: NORTH AMERICAN RED & WHITE HOLSTEIN DAIRY CATTLE	Paperback	\$60.00
VIEW FROM THE BULL'S EYE: MY CAREER AT ABS	Paperback	\$65.00
VIEW FROM THE BULL'S EYE: THE STORY OF ROBERT E. WALTON & AMERICAN BREEDERS SERVICE	Paperback	\$60.00
BOXCAR BOYS: RIDING THE RAILS WITH BOVINE BEAUTIES	Paperback	\$65.00
GENTLEMEN FARMERS: CATTLE HERDS OF THE RICH & FAMOUS	Paperback	\$65.00
CLYDE HILL FARM & THE BENEDICTINE SISTERS OF PERPETUAL ADORATION	Paperback	\$40.00
JULIUS SCHMID & BEAVER DAM STOCK FARM: MYSTERIOUS MEANS BEHIND THE SPLENDID SCENES	Hardcover	\$65.00
POLLED PIONEERS: HISTORY OF NATURALLY HORNLESS DAIRY CATTLE IN NORTH AMERICA	Paperback	\$65.00
FAMOUS FARMERS OF MINNESOTA: VOLUME I	Paperback	\$55.00
FAMOUS FARMERS OF MINNESOTA: VOLUME II	Paperback	\$55.00
WOMEN OF MEANS & COWS OF GOOD GENES (Vol. I)	Paperback	\$60.00
ELMER DAWDY & THE TIDY BURKES	Paperback	\$50.00
SEED STOCK (Reprint of book by Horace Backus)	Paperback	\$50.00
SEED STOCK II (Reprint of book by Horace Backus)	Paperback	\$50.00
MOUNT VICTORIA FARM DISPERSAL CATALOGUE (Reprint Of Dispersal Catalogue)	Paperback	\$40.00
BOULDER BRIDGE FARM & THE DAYTON FAMILY	Hardcover	\$60.00
RED & WHITE REFLECTIONS THE FIRST FIFTY YEARS OF THE RED & WHITE DAIRY CATTLE ASSOCIATION	Hardcover	\$55.00

Postage & handling \$5.00....Order two or more books postage is free!  
All Books Also Available at Amazon.com

Send Check or Money Order to Ronald F. Eustice  
1551 Summit Shores Vista  
Burnsville, MN 55306

Pay Pal to reustice@gmail.com  
Questions: Phone (612) 202-1016

# CERTIFIED ORGANIC CATTLE WANTED

## NICHOLAS MEAT LLC

Modern Meat Processor Paying a Premium For Your Certified Organic Cattle

Purchasing on Dressed Weight and Grade Basis

Nicholas Meat LLC is an approved Certified Organic Meat Processor. We are looking to purchase all your Certified Organic Cattle. Customers can deliver cattle to the plant Monday through Friday 7 A.M. to 1:30 P.M. Nicholas Meat LLC has also established several collection points.

**Cattle can be taken to:**

**Vintage Sales Stables, Inc.**

3451-3457 Lincoln Highway East, Paradise, PA 17562  
Every Thursday from 9 A.M. to 3 P.M.

**Weikert Buying Station**

721 Carrolls Tract Rd., Fairfield, PA 17320  
Mondays from 9 A.M. to 4 P.M.

**New N.W. Sales Company**

2006 Mercer-New Wilmington Rd., New Wilmington, PA 16141  
2nd and 4th Monday of each month.

**Belleville Livestock Market**

26 Sale Barn Lane, Belleville, PA 17004  
Every Wednesday.

**R&C Calf Farms, LLC**

13071 Emerson Rd., Applecreek, OH 44606  
Mon. -Thurs. 9 A.M. to 2 P.M. (Behind sale barn in Kidron)

**Please bring a copy of your Organic Certificate with each shipment!**

Please call the number below to inquire about these collection points or to schedule your sale of Certified Organic Cattle to Nicholas Meat, LLC.

## NICHOLAS MEAT LLC

508 East Valley Road, Loganton, PA 17747  
Please call Nicholas Meat LLC – 570-725-3511

# Cow vets

from page 2

fessional, certified veterinarian and a lay person who may have experience with the procedures but is nevertheless uncertified. Problems can arise when an uncertified person performs veterinary work on cows he does not own. Even if he has the permission of the owner, such an action crosses the line. More about that from excerpts of the PVMA press release, dated April 19:

“Some have asserted that the use of ultrasound to diagnose pregnancy in animals does not constitute the practice of veterinary medicine in Pennsylvania. The State Board of Veterinary Medical Examiners has determined that pregnancy diagnosis in animals by any method or mode does, indeed, constitute the practice of veterinary medicine.

Most importantly, the diagnosis of pregnancy also means the diagnosis of non-pregnant animals. Non pregnant food animals, as a result of the diagnosis, may be sold for

slaughter or treated with pharmaceuticals to synchronize estrus cycles in order to facilitate breeding. Under FDA and Pennsylvania State Board laws, pharmaceuticals can be used only under the prescribing authority of a licensed veterinarian.

Thus, this too, constitutes the practice of veterinary medicine. Since the actions of these individuals involves food safety, this is both an animal welfare concern and a human health concern. Untrained and unlicensed individuals prescribing powerful medications jeopardizes the welfare of the animals and the safety of the food supply. Licensed veterinarians are the only ones educated and qualified to diagnose and prescribe animal medications.

We are saddened that the actions of these individuals have resulted in their incarceration, but the responsibility lies with them and their informed decision to disregard and disrespect the decisions of the court for years.

# Forage inoculants

from page 10

around \$9.70/ton, in addition to increased profits from improved milk production when using a high-quality forage inoculant.

**Improved dry matter recovery:**

Expected DM recovery benefit = 4.2%  
Assumed value of silage = \$50/ton fresh weight (30% DM)

Value of DM = \$167/ton = \$1.67 per point of DM. So, a 4.2% improvement is worth \$7.01/ton DM = \$2.10/ton as fed.

Maintaining stability at feedout (reduced DM loss, reduced dry corn purchases)

4.4% reduction in DM loss = 44 tons/1000 tons DM = 40.2 tons 86% DM dry corn  
Value of dry corn = \$133/ton

So, a value of 4.4% less DM loss at feedout = \$5346/1000 tons silage DM (3,333 tons as fed) At 30% DM, value per ton of silage = \$5346/3333 = \$1.60/ton

**Improved TMR stability**

High-quality inoculants can have greater stability than 5 to 10 lbs. of bunk stabilizers

/ton as fed

Generic bunk stabilizer price = \$1.20/lb.; cost per ton TMR as fed = \$6 to \$12. So, savings per ton of silage = \$6 to \$12 /ton as fed (assume \$6.00). Total ROI = \$9.70/ton

It's important to remember that high-quality inoculants and preservatives cannot make up for poor crop management or poor-quality harvest due to less-than-desirable growing and harvesting conditions. When harvesting forage, the primary goals should always focus on targeting the appropriate stage of maturity and moisture content, while managing the harvest, storage and feedout process. Optimizing forage quality at harvest allows inoculants and preservatives to capitalize on their duties, translating to increased profitability and efficiency for the producer.

• **About the authors:** Employed by Hubbard Feeds, Ben Jensen is silage treatment specialist; John Pretz, PhD, is dairy nutritionist.

# Morrissey Insurance

**Congratulates  
Katelyn Heckman  
Paige Peiffer  
Ainsley Sellers**

**2024 Premier Future  
Ag Leads Scholarship  
program winners!**

*Congratulations to all scholarship winners!*



890 N. Reading Rd.  
Ephrata, PA 17522  
www.insuringyourfuture.com  
**800-422-8335**



# Classifieds

"Say you saw it in FARM SHINE"

## 1 Services

**FARM INSURANCE:** barns, equipment, hay and grain storage, Workers' Compensation, farm stands and stores, vehicles and farm homes. N.Y., Pa. and Va. Call Alec Pandaleon at 845-242-0113.

**CUSTOM HEIFER RAISING** Good quality forage mineral and hay. Room for 50-80. Somerset, PA. 724-953-5931. (7/12)

**CUSTOM TUBELINE BALE** wrapping. Lancaster Co., Pa. 717-490-4465.

**AG PHOTOGRAPHER** - senior, family, natural cattle portraits. Sales, herd dispersals and ag event photography coverage and albums. Based in Lancaster, Pa. A Farmgirl's Dream Photography. 717- 824-1320.

**BALING SERVICES - CUSTOM** 3x3 and round baling, along with individual wrapping. Out of southern Lancaster, Pa. 717-826-3775.

**REPAIRING ALL KINDS,** makes and models farm machinery, specializing in discbines, pull type harvesters and corn planters. Also general welding. We also repair older tractors. Harsue Repair, New Holland, Pa. 717-355-0715.

**BOB & MILLIE'S DISCOUNT** signs. The cheapest guys in town. Free delivery on all sign orders. bobthesignman@yahoo.com. Real Estate-Construction-Banners-Yard Signs-Decals-Magnetic Signs-End of Lane Farm Signs. appletreesigns.com. 410-708-1341.

**COMPOSTECH LLC. IS A** local Honey Brook business, making and selling organic compost at \$30 per cubic yard. Call Dave at 610-441-5154 to schedule a pick up. Also taking horse manure for free, must be dropped off.

**LOWER SCC & IMPROVE** conception. Highly effective, 35 years of time tested results and satisfied dairymen nationwide. No withholding ever feed additive, low cost. Call AG, Inc. today. 920-650-1631. www.alphageneticsinc.com

**DAIRY PRODUCER** - would you like to lower SCC and mastitis rates, provide milking training, breach the language barrier and improve parlor performance? Call Adolph Dossman at 240-286-8996.

**INNOVATIVE DAIRY** Nutrition - specializing in forage planning to maximize production and optimize herd health through advanced nutrition. To improve your profits, contact Matt at 717-729-4530

**REDUCED PRODUCTION?** Heat stress? High SCC? Scours? Proven effective solutions to your herd's health needs, no withholding. Call the Dairyman's Helper. 800-829-7512.

**CUSTOM COLLECTING** - Call for prices. 301-491-3154. Triple-Hil Sires.

**RELIEF MILKING**-farm siting. Tie stall or parlor. Feeding and young stock care. References available. Adrian Horning 717-466-9099. South-Central, Pa.

**KANN'S MILKING SERVICE** Franklin & Cumberland Co. 30 years experience, references available. Ryan L. Kann, 717-816-1920.

**BARN FULL? WITH 8+** years experience raising heifers, I am the solution to your problem. Space available now. Call today to discuss this opportunity. 717-860-8867.

**CUSTOM HEIFER RAISING.** Weaned calves to calving. 19 years experience. Modern housing, free stalls, AI breeding, TMR, monthly vet visits. Lebanon Co., Pa. 610-451-3006.

**GARDNER CUSTOM HEIFER** raising. 40 years experience. TMR in fenceline feeders with lockups, dairy veterinarian manages, adolescent to springers, competitive prices. 540-871-0246, dljgar@aol.com, gardnerheifers.com.

**CUSTOM HEIFER RAISING.** 300-400 head capacity. AI breeding, hauling available. We do not have

state of the art facilities but are committed to an accelerated feeding program. Call for pricing. Reach us at 240-291-0286.

**HEIFER RAISING SERVICES** offering full health care program, excellent AI breeding program, activity monitor collars, balance ration, pasture for older heifers. Lancaster Co. 717-940-9435.

**CUSTOM HEIFER RAISING.** Good quality forages. Minerals and hay in TMR. Room for 150-200 head. Troy area. 570-220-4542.

**HEIFER BOARDING** - Sand bedded freestalls. Corn silage haylage and hay included. \$2/hd/day. 607-382-3633.

**HORSE BOARDING** available, Willow Street, Pa. area, Lanc. Co. 717-380-7612.

**ADAM'S HOOF TRIMMING.** 22 years of experience. 717-813-1358.

**MID-ATLANTIC HOOF TRimming** - providing farmers professional hoof care in Maryland, Virginia, Pennsylvania and surrounding states. Call Mikey Barton at 518-567-8046 today for inquiries/scheduling.

**HASTINGS HOOF TRIMMING** is looking for clients in Pa., N.Y. and Ohio. Call or text 315-283-2717 for a quote.

**CATTLE HOOF TRIMMING,** Western, Pa. Stand up chute, over 10 years in business. Looking for new clients. 814-279-7932, ask for Russell.

**TSHUDY'S HOOF TRIMMING.** Quarryville, Pa. Serving Southern Lancaster, Chester and York counties since 2003. \$11/cow, free wraps. Hydraulic tilt table. 717-917-8715.

**STAND UP HOOF TRIMMING.** Two man trimming crew, excellent cattle flow. Serving South Central Pa. and surrounding counties. Will travel for large numbers. Call Matt Weaver at 814-793-9966.

**HOOF TRIMMING** Service. 717-755-0770.

**PHILBRICK'S HOOF TRIMMING** serving western and central Pennsylvania, western New York and eastern Ohio. 814-720-0010.

**HOOF TRIMMING** - Garrett Co., Md. Tilt table. Willing to travel distances for large groups/herds. \$10/cow. Trained at Dairyland Hoof Care, Wis. Call 301-616-2195.

**HOOF TRIMMING SERVICE** - providing quality service for large and small dairy and beef herds. \$10 per cow. Graduate of Hoof Care Institute. Stand up chute. 315-573-6742.

**MACIK HOOF TRIMMING** - Beef and dairy cattle. Hydraulic tilt table. Serving Western PA, Eastern OH, Northern WV. Phone 724-345-8501.

**PROF. HOOF TRIMMING** - RSW Farms LLC. Hydraulic table, competitive rates, serving MD/PA/NY. Contact Ryan 518-935-7704 or RSWFarms@yahoo.com.

**MIKE'S HOOF TRIMMING** - Since 1988. Hydraulic table. 814-997-9021.

**PROF. HOOF TRIMMING** - call for more info/available dates. 570-690-1017.

**SHUMAN'S HOOF CARE** - Serving dairies in Northeastern & Northcentral Penna. and the Finger Lakes region of N.Y. Call Tom, 570-418-1684.

**CORRECTIVE HOOF TRIMMING** - New Tuffy -tilt table. Cow comfort, professional work. Call Sam Beiler 717-222-6180.

**NEED YOUR COWS** clipped? Call 717-768-8345 ext 1.

**STRUGGLING WITH MICE** and rats? Try First Strike. Oregon Ag LLC. Call 717-656-0067.

**DEAD ANIMAL REMOVAL.** Call Mike at 717-855-5503.

**DEAD ANIMAL REMOVAL.** Removal of dead farm animals. 717-228-9500. M-F 8-4, Sat. 8-11 or text.

**LIVESTOCK HAULING** Local/ long distance. Pa., N.Y., Ohio, Va. 814-592-2543.

**SILO DEMOLITION.** 717-786-6063.

**HARVESTORE SILO REPAIRS,** extensions, and roof replacements. Call us at 717-786-6063.

**NEED YOUR EQUIPMENT,** building or house pressure washed? We have the equipment to do the job. Call us at 717-644-6295.

**DAIRY SERVICE TECH** - servicing all brands of dairy equipment. South central, Pa. Wes Sollenberger, 814-505-6304.

**CUSTOM COMBINING** services. Well maintained equipment. Reasonable prices. Call 315-573-6742 for more information.

**RESTORING GRANDPA'S** old tractor doesn't have to cost an arm and a leg! Full service repairs and restorations. Agriculture and industrial repairs. York Co. 717-368-1354.

**FARM MACHINERY REPAIRS,** NH small square baler parts, Discbines, Haybines, rakes, feed mixers, discs (new blades), forage harvesters and more. 607-243-5896.

**DISCBINE DOCTOR** - Repairing all makes. Buying & selling. After market cutter bar, bearings, or NH/JD/Kuhn and used parts. Call ahead 717-768-7542.

**SERVICE DONE ON ALL** brands of fence energizers and battery chargers. Call Sensenig's Electronic Repair 717-445-9905 for your repair needs.

## 3 Dairy Equipment

**3500 GAL., 2000 GAL.,** 1600 gal., Mueller's compressor, washer. 814-931-5860. (5/10)

**5 ORBITER CLAWS, IN** excellent condition. Make offer. 717-664-0597. (5/17)

**1500 GAL. DARI KOOL** tank. Complete compressor

## BRUBACKER'S QUALITY DAIRY SALES

10 BROWN ROAD, SHIPPENSBURG, PA

Thurs., May 16 @ 7:15 P.M.

### Alson & Minerva Martin Herd Dispersal

- ★ The Martins made the difficult decision to sell their dairy herd and they're sending only the best! We are selling 30 Holstein cows including several R&W cows as well as heifers from breeding age up to springers. Well framed with great udder promise! **These cows are averaging 75 lbs. 4.1F 3.2P and low SCC, with mostly 1st and 2nd lac!** Great udders, feet and legs! The cows are A.I. sired using good feet and leg bulls, with high components and good milk! Regular foot trimming program with **no** sore feet! The Martins have a growing greenhouse business and have decided to sell their cows and heifers, which created this opportunity to put their best cows in your barn! **Don't miss them!**
- ★ We are expecting a good selection of fresh and fancy, 2 and 3 yr. olds out of local overstocked herds and heifer growers. Many A.I. sired with several good Registered cows, with most on test w/ low SCC and lots of milk! **Including five fresh cows from one farm fresh less than 60 days!!!**
- ★ **ALSO A NICE SELECTION OF HEIFERS FROM HEALTHY CALVES TO CLOSE SPRINGERS!**
- ★ 5 close springers with lots of potential, nice frames, good feet and legs!
- ★ **Several breeding age bulls out of good cow families!**

**NOTE:** Need that special cow or just a good replacement? Come spend the evening with us! **GET YOUR BUYER NUMBER BEFORE SALE STARTS AND GET ENTERED FOR A FREE DOORPRIZE!** Overstocked? Fresh cows and heifers are in demand! All cattle vet checked and vaccinated. Trucking available.

Can't make the sale? You can now participate online at [Cowbuyer.com](http://Cowbuyer.com). For on-line questions, call Katie Shultz 717-543-7883.

Manager/Auctioneers  
Jason Brubacker Lic. AU5608  
717-729-0173

Darryl Jones Lic. AU5194  
717-226-0776



Sale Barn  
Ivan Brubacker  
717-414-6657

Pedigrees  
Art Kling

\* NEXT SALE - JUNE 20th, 2024  
**SPECIAL \*12 YEAR ANNIVERSARY\* DAIRY COW AND HEIFER SALE \***

Free ice cream

NEW HOLLAND SALES STABLES, INC.



Free ice cream

Located 12 Miles East of Lancaster, PA. Just Off Rt. 23, New Holland

## DAIRY COW & HEIFER SALE

WEDNESDAY, MAY 8<sup>TH</sup> • 10:30 A.M.

Mature fresh cows milking over 100 lbs. and with low SCC are wanted.

Quality cows and heifers are selling at historical highs!

Consignors: Please send all info with truckers for the catalog.

For more information, contact dairy reps:

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

REMINDER:

Thank you - N.H.S.S.

Friday evening, May 17th, start time 4 p.m.

Special Driving and Draft Horse Sale. Phone your consignments in to 717-354-4341 by Fri., May 17th. Catalog closes at 11:00 a.m.

Sale Managed By  
**New Holland Sales Stables, Inc.**

Barn 717-354-4341 Fax 717-355-0706 • David Kolb, Mgr. 61L

system. \$6000. Lancaster, Ky. 859-608-9745. (5/24)

**SWING ARM AUTOMATIC** take off, includes controllers, sensors. 8 available. Make offer. Shippensburg, Pa. 717-530-5607. (5/10)

**DELAVAL DOUBLE 8** herringbone parlor, rugged, air indexing, Germania take offs, variable speed vacuum pump. \$15,000. LaFargeville, N.Y. 315-489-2008.

**60 STURDY BUILT STALLS** with water bowls. Only used for 5 years. \$1,600. You remove and haul. Located in McVeytown, Pa. Contact Jeremy at 717-437-0223.

**USED MILK TANKS - 400** gal. Sunset; 800 gal. Mueller OH; 900 gal. Mueller OH; 1000 gal. Milkeeper, flat top (storage). T.H. Horning. 717-438-3104.

**4' X 6' COW MATS. GOOD** mat for the money and easy to install. \$80 each, including hardware. Call 717-304-6684.

**GUTTER GRATES FOR** tiestall barns. Innovative design prevents hoof injuries. Call for more information and current pricing. 717-464-6476.

#### 4 Dairy Cows

**BUYING AND SELLING** dairy herds, heifers and service bulls. Aaron Coons, 717-816-4118.

**JUST FRESH, 1ST LACTATION** Reg. Holstein cows. Good quality, well grown animals. 3-4 generally available each month. 570-297-5118.

#### 5 Heifers & Calves

**LOOKING FOR REG.** springing heifers, fresh, 2 and 3 year olds, preferably freestall cows, to expand my herd. 814-386-0609. (9/27)

#### 6 Dairy Bulls

**DELTA-LAMBDA SON.** Dam EX-90 Shottle with 30,000 lbs. of milk with 4.0 fat. 2nd dam Redman. Proven breeder. 2 years old. This is one of the best bred bulls available. \$2275. Martin-Dale Holsteins. 717-445-6548. (5/10)

**YOUNG REG. JERSEY** bull. 18 mos. quiet, from 11 year old cow. Fine Jersey heifers to freshen. Indiana Co., Pa. 724-397-4313 or 724-549-6314. (5/10)

**B&W AND R&W POLLED** homozygous Holsteins, A2A2. Some genomically tested also. Lebanon Co., Pa. Con-Ger Farms. 717-821-1454.

**WANTED -** Reg. Jersey bull, 12-15 mos. old. 856-478-2942.

**REG. HOLSTEIN BULLS** for sale. Ar-Joy Farms, Cochranville, Pa. 610-637-7423.

**HOLSTEIN BULLS** ready for free stalls and younger. High genomic tested bulls from contract matings and high type cow families. 610-932-6062. Call between 8:00-8:30 a.m.

**BULLS FOR SALE & LEASE** - Reg. Holsteins, any age out of dams with records to 30,000M, 1200F. Stump Acres. York Co. Call 717-792-3216.

#### 7 Semen, Embryos

**ANGUS SEMEN, \$5/UNIT.** Most Holstein cross calves are solid black. 717-354-8449, ext. 5. (5/17)

**MVE MILLENIUM 2000** XC-20 semen tank, excellent condition, full of liquid nitrogen, \$600. Also, Normandy semen. Stephen Uhl, 223-216-0160.

**HELSEL-HILL HAS** expanded. Call or text Keith Hesel for No Bull sires, Blondin sires, Resolution-Red, Furnace Hill Zas Endure, and more. 814-515-5455.

**CUSTOM COLLECTING -** WE custom collect your bull at our facility. Semen is processed with high quality standards at very competitive rates. We also offer short-term housing options during collection. Triple-Hil Sires 855-955-2100.

**DONEGAL-CREEK BAXTER** Pedro-ET, reg # 139932533. He is EX-94 AAA (4352). From 5 EX dams- 94, 90, 91, 91 & 95. Dam is 94 pt. Outside daughter, still in herd at 10 yrs. old & looks half her age. Sire stack is Baxter, Outside, Rudolph, Conquest, Starbuck, Citation R, Eleva-

tion. Very well balanced bull siring the right kind. Strength with dairyness. High productive life, low SCC, high conception. Early daughters are milking great & look better than their dams. Priced at \$14 for 20 units or more. Joe Wivell 717-471-5260.

#### 9 Equipment & Machinery

**2016 CLOVERDALE 420** TMR mixer. One owner, right side discharge. \$24,500. 717-926-0438.

**FORAGE HARVESTER,** 2009 John Deere 7350 with 6 row head, 4WD 2970 hours, 472HP KP. Many new parts and liners installed. Grass heads available. \$134,000. 717-400-7917. (5/3)

**FORAGE HARVESTERS** and heads available. Inspected, serviced/repared and certified for warranty. Also can buy "As-Is". Claas, John Deer and New Holland. For details call 717-400-7917. (5/17)

**I.H. RISSLER HYDRO MIX** 1060 TMR mixer with hydraulic, scale. Good condition. Best offer. 717-556-2665. (5/3)

**FOR RENT: E RISSLER 330** trailer TMR mixer, \$30/day; IH Rissler 510 TMR cart, \$10/day. Delivery avail. Myerstown, Pa. 484-793-2179.

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

#### 10 Feeds

**1ST, 2ND & 4TH ALFALFA** tested, 3x4x8' Chinook dried straw. Delivered or FOB. 610-767-2409, heidelhol-lowfarm.com.

**BUYING DAMAGED GRAIN.** Trucking is available. Call 717-575-5197.

**CERTIFIED ORGANIC KELP** meal. Redmond minerals. Dealers available in select areas. Hess Farm Supply. 717-354-9492.

**FASTRACK -** Improve milk production, increase feed utilization and improve herd health with Fastrack direct fed microbials. Contact Karl at 740-504-2859 or email klbss@columbus.rr.com.

#### 11 Hay

**2ND CUT, 40 LB. CLEAN** hay. \$5/bale. 570-493-4200. (5/3)

**HIGH QUALITY 1ST & 2ND** cutting grass hay, 3x3x7 bales, low potassium. #1 hay, tested. Lebanon Co., Pa. Con-Ger Farms. 717-821-1454.

**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

**5120 MAXXUM, 4WD,** 4 ranges, 4 speed power shift,

520 loader, skid steer attachment, 2 remotes, rops, new front, 60% rear. \$29,000. 570-493-4200.

#### 15 Vehicles & Trailers

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

**BRING HOME** some extra bacon by selling what you've got to sell through Farmshine classifieds.

#### 16 Fencing

**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.

**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. Shotcrete 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.

**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


**NORTHERN PA.** year round home with spacial property. Gorgeous mountain views, near State Gamelands and developed bicycle trail. Sits high & dry. 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.

Since 1979

# FARMSHINE

We rise every week to cover farmers and agriculture



May 26 is our next

## FOCUS on BUILDING

special issue!

Editorial content will be feature-oriented, with interviews and informative articles covering many aspects of building a new dairy facility.

Your ad must be received by 10 a.m. on Tuesday, May 23.

Contact your advertising representative to be included in this special issue!

Call: (717) 656-8050 • FAX: (717) 656-8188  
 email: ads@farmshine.net • www.farmshine.net  
 342 E. Main St., Suite 201, Leola, PA 17540



## PUBLIC AUCTION

Saturday, MAY 18, 11 a.m.



LAKEVUE FARM COMPLETE REGISTERED HOLSTEIN HERD DISPERSAL

13723 GREENWOOD RD., HUNTINGDON, PA.

130 Head: 72 milking, 58 heifers & calves  
 RHA 23,969 932 749 • 1 EX • 34 VG • 38 GP

39-1st lactation • 27-2nd lactation • 30-3rd+ lactation.  
 PLUS, AN AMAZING SET OF BRED HEIFERS & SHOWAGE CALVES

The Couch Family has bred 64 EX and 307 VG cows including 12 EX-92, 4 EX-93 and 2 EX-94.  
 Cows are tiestall/freestall/parlor trained.

WATCH FOR COMPLETE LISTING.

Online bidding at





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

**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**

**BYRNE**  
SINCE 1933

**BYRNE DAIRY** is looking to increase their raw organic milk supply. For more information, contact Bob Bowles at 315-436-0997 or Leslie Ball at 315-382-2782. (5/3)

**ANGUS BULL TO LEASE** in June and July. 717-529-1233, ext. 1. (5/24)

**BUYING OLD ISSUES OF** Holstein World, Jersey,

**17 foot Goliath Unloader, good condition. Call 717-363-6741**

**FOR ALL YOUR HOLSTEIN NEEDS**  
COWS-HEIFERS-BULLS-HERDS  
**DANIEL ALBRIGHT**  
1866 Landisburg Rd.  
LANDISBURG, PA 17040  
PHONE: (717) 789-3241  
FAX: (717) 789-4993  
EMAIL:  
dalbright44@embarqmail.com

Brown Swiss, etc. (all other dairy cattle breeds) magazines, sale catalogs and sire directories. 716-255-5625.

**YOUNG COUPLE LOOKING** for 30-40 milk cows. Prefer Holsteins, but will consider color breeds. 1st lactation or bred heifers due in next couple months. Central Pa. 570-971-5863.

**LOOKING FOR REG.** springing heifers, fresh, 2 and 3 year olds, preferably freestall cows, to expand my herd. 814-386-0609. (9/27)

**VIRGINIA MILK** commission base. 610-932-8404.

**CUSTOM GRAZING** operation in Canandaigua, N.Y., looking to add clients for the summer grazing season. Looking to take on another 40 head of heifers, dry cows, or steers. Pay based on head/day. All new hi-tensile fencing. Daily moves. 315-573-6742. (6/28)

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

**I AM STILL LOOKING FOR** used books and publications about dairy farming, printed early to late 20th century. Interested in all farming related topics. Paying cash. Phone Owen Backus, 608-479-0811.

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

**SOLLENBERGER SILOS**  
5778 Sunset Pike  
Chambersburg, PA 17202  
*Poured Concrete Silos for Farm and Industry Since 1908*  
For information call:  
**Ken Mansfield**  
717-503-8909  
www.sollenbergersilos.com

FINE GROUND *Wood Bedding*  
**Dry, Absorbent BEDDING For Sale**  
14 yd, 30 yd, and 110 yd loads  
Call for Pricing  
**BEILER INDUSTRIES**  
**717-768-7667**  
*Buy in bulk and save!*

**Sell your Holsteins through PHA!**

- Wanted: 400-700 lb. sire ID Holstein heifers.
- Wanted: 200/month! Reg. or sire ID'd open heifers, ready to breed. Must be negative Leucosis, BVD & Neospora. Call today!

**Upcoming sales:**

- July 6, 2024 - PHA Summer Sensation Sale & Picnic at McWilliams Farm in Somerset, Pa. Selections are underway.

**PA Holstein Sales**  
Pennsylvania Holstein Association  
*Herd dispersals done right by trusted sales management that is licensed and bonded!*  
Contact: David J. Lentz, 717-329-9202, djl1018@pa.net or PHA office, 814-234-0364. Email: director@paholsteins.com

**21 Opportunities Wanted**

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

**OLDER MAN SEEKS** part time/full time work on farm with on-farm housing or nearby. Prefer Franklin Co. area or nearby. Consider other areas. 717-816-9693.

**INDIVIDUAL SEEKING** herdsman position or looking to rent approx. 50 cow dairy farm. 814-442-5782.

**THE VAST MAJORITY** of dairy farm families in the Middle Atlantic area read Farmshine every week.

**22 Help Wanted**

**SUNY MORRISVILLE (NY)** seeks an Assistant Professor to support our Animal Science program. Visit our job site to learn more. (5/24)

**LOOKING TO HIRE A** herdsman to focus on herd health and reproduction. Milking 350 and planning to expand. Housing available. 814-386-0609. (5/10)

**ROBOTIC DAIRY IN** Perry Co., Pa., seeking full-time Herd Manager. Housing and health insurance options. Driver's license required. Email: leeanmclaughlin.ef@gmail.com or call 717-636-3489 to apply. (5/24)

**FARMSHINE** wants to shine so you can be seen.

**SOYBEAN ROASTING ON YOUR FARM**

- Full-fat roasted soybeans for maximum feeding value
- High-energy, bypass protein and palatability
- Toxic enzymes and molds destroyed
- Custom roasting in MD, DE, PA & Southern NJ

**HORST GRAIN ROASTING**  
Chester Co., PA  
**(717) 926-4310**

**23 Pets**

**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**

**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, SOY-BEANS** and more! Call us for all of your crop needs. Growmark FS-Eighty Four.

**AS Precast Systems, LLC**  
Producing concrete since 1923  
**FEED BUNKS BUNKER SILOS CATTLE GUARDS**  
NCPA certified plant  
Installed on site  
717-369-3773  
www.precastsystemsllc.com  
5877 Bullitt Rd. Greencastle, PA 17225

**Zimmermans**  
**Glasslined Storage**  
Oakland Mills, PA  
36 Yrs. Experience • Silos & Tanks  
**717-463-9731**  
www.silosandtanks.com

Pre-Owned Slurrystores® and Harvestores® in Inventory - Ready to be built **COMPARE OUR PRICES & QUALITY**

**FUSION** TANKS & SILOS  
**AISTOR** Stainless Steel Engineered Roofs  
**Zabel Equipment** Hydraulic Manure Pumps  
**DRYHILL** Manure Pumps  
**aFs automatic** Hammermills  
**E. RISSLER MFG.** Spiro Mixers  
**Quality Parts, Inc.** Harvestore® Aftermarket Parts  
**Challenger** Slurrypump HOT-DIP GALVANIZED

Rebuilt Harvestore® Unloaders In Stock - installed with a 2 year warranty  
**WE SERVICE WHAT WE SELL**

**SERVICE DEPOT**  
Alvin Eberly Harrisonburg, Va. 540-820-0818  
Norwain Acres Orrville, Ohio 330-621-1276  
Zimmermans Oakland Mills, Pa. 717-463-9731

Zimmermans is not affiliated with CST Industries, Inc.

724-222-4303, www.growmarkfs.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.

**NEED SOME HAY?** Look under heading 11 in Farmshine's classified section.

**25 Miscellaneous**

**SAVE TIME, SEED AND** fuel with a GPS auto-steering kit. FJDYNAMICS AT1 Auto Steer Kits & RTK Station. 1" accuracy and no subscriptions required. 610-451-8023. (6/14)

**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, x 4.

**STOP FLIES. GREAT** products. Fly parasite plans. Cedar solar traps (the best). Zapper that just keeps zap-

ping. 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.

**SELLING SOMETHING?** Let Farmshine's classifieds be of help. It's easy and affordable. Give us a try.

**27 Livestock**

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

**Replacement Silo Doors**

<b>Many Kinds In Stock</b>	<b>Silo Door Hardware</b>
<ul style="list-style-type: none"> <li>• Marietta</li> <li>• Fickes</li> <li>• Madison</li> <li>• Terre Hill</li> <li>• Lancaster</li> <li>• Ribstone</li> </ul>	<ul style="list-style-type: none"> <li>• Butterfly Hinges</li> <li>• Latches</li> <li>• Steps</li> <li>• Ladder</li> </ul> <p><i>Silo Doors Made To Order Bring Pattern of Old Door</i></p>

**Willow Road Silo Doors**

Daniel Beiler  
624 Willow Road  
Lancaster, PA 17601  
**717-394-1004**

**WHOLE SHELLED CORN**

• WHOLE COTTONSEED • CORN • 48% SOYBEAN MEAL • ROASTED SOYBEANS • CANOLA MEAL • LINSEED MEAL

**TRIPLE • M • FARMS**  
Custom Feed Mfg.

WE MIX FEED ACCORDING TO CUSTOMER AND NUTRITIONIST FORMULAS

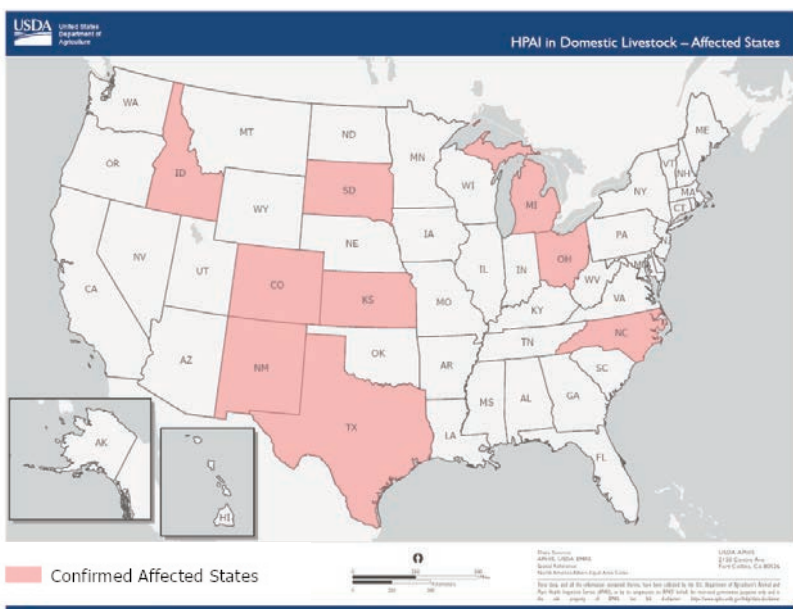
Also Available:  
**BULK COMMODITIES**

Call Us At:  
**(717) 272-3225**

MINERALS NON-GMO

• TURBO MEAL • AminOaic • BLOOD MEAL • BEET PULP • FATS •

**3/32" FINE GROUND CORN**



## HPAI spreads

from page 11

bition (show) and rodeo.

With the HPAI pre-movement testing for interstate movement of lactating dairy cows and the mandatory E-ID at the same time, crossing state lines for shows and sales now require additional documentation.

According to Dr. Hovingh, the state PADLS system promises a 3-day turnaround on pre-movement testing, which has to be done within 7 days of interstate transport. "But we think we can do same day turnaround, depending on volumes submitted."

He urged producers planning herd dispersal sales to give a heads up as they prepare to "get their ducks in a row" so cattle can move on to buyers from other states on sale day.

Hovingh said now is the time for Pennsylvania dairy farmers to get their biosecurity plans in place, so they have that box checked in the event of an HPAI detection and quarantine in the state. Ap-

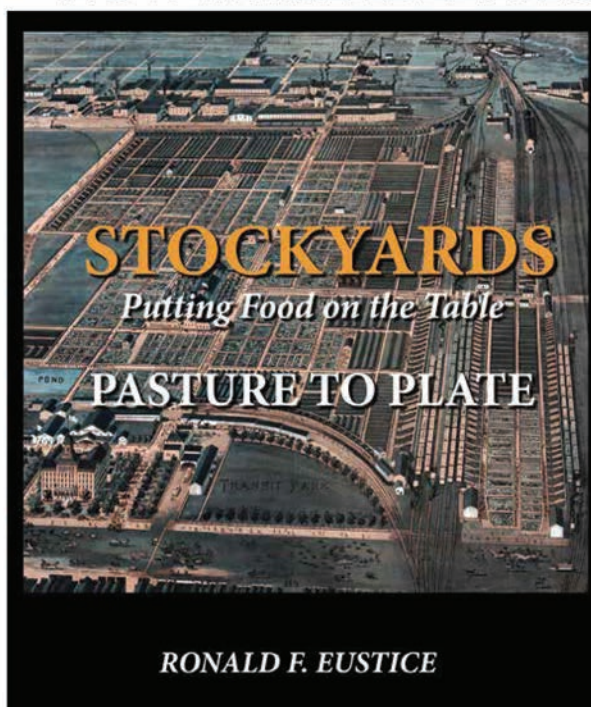
proved biosecurity plans would be required for those 30-day milk movement permits that are part of the state's response.

It's also important for farmers suspecting HPAI, to report it. "We'll come out and test," said Hamberg. "Our concern is that if cattle transmit it to poultry, those flocks are depopulated and control areas are set up. Following through is essential for both our dairy and poultry industries."

Hovingh said species segregation is important on farms with both dairy cows and poultry, and biosecurity is essential for personnel tending both. The new twist is clean clothes and a shower go beyond clean boots to keep from exposing poultry to any raw milk on clothing, hands, etc.

The Center for Dairy Excellence has recordings of HPAI update calls and links to resources at [www.centerfordairyexcellence.org/hpai-industry-call/](http://www.centerfordairyexcellence.org/hpai-industry-call/)

## NOW AVAILABLE: STOCKYARDS



My latest book provides a brief history of livestock raising and marketing in North America, from Pasture to plate. For over a century, stockyards were a crucial link between farmers and ranchers and meat processors and purveyors. Nearly every major city at one time or another had a livestock market. Today, very few exist.

Stockyards: Putting Food on the Table Pasture to Plate tells the story of North America's livestock industry from the cattle drives of the 1800s to the closure of the huge stockyards in Philadelphia, Chicago, Kansas City and Denver.

The stories and photographs in this 285-page book provide a glimpse of a by-gone era. With very few exceptions the photos shown are images of buildings that no longer exist and places that have met the bulldozer and the wrecking ball and are now covered by asphalt parking lots, warehouses, gigantic shopping centers or skyscrapers or tumble weed

Livestock have accompanied humans through the centuries as mankind progressed from the cave to the skyscraper. This 285-pagebook is highly illustrated with more than 400 photographs and is easy to read,

**INTRODUCTORY PRICE \$55.00 Plus \$5.00 Postage**

**Check or Money Order To:**

**Ronald F. Eustice**

**1551 Summit Shores Vista**

**Burnsville, MN 55306**

**Email: [reustice@gmail.com](mailto:reustice@gmail.com)**

**ALSO AVAILABLE AT AMAZON.COM**

Let us help you sell your goods or services...

for FREE

# 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](mailto: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](mailto: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](mailto:sue@farmshine.net)

**Highlight my ad for \$10\***

PRO 2177 5111 2.50 type. Berks 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\***

ation. 717-555-0123. (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 \_\_\_\_\_

Address \_\_\_\_\_

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

Restrictions may apply.



WHEN IT COMES TO COW HEALTH....  
**BE PROACTIVE**  
**NOT REACTIVE**



Don't rely exclusively on a first aid kit to fix problem cows. Optimize your cow health strategy by choosing sires that excel for health and wellness. HHP\$® is a well-rounded health index that doesn't sacrifice components or functional type traits. Focus on the health events that cost your dairy the most dollars: lameness and mastitis. Select Sires makes it easy to find the best sires for mastitis resistance with the one-of-a-kind green **MASTITISRESISTANTPRO** designation.

	PROVEN HOLSTEIN	HHP\$	CFP	PTAF%	PTAP%	Z LAME	
7H015245	<b>PERPETUAL</b>	1,195	214	0.22	0.06	101	✓
14H015154	<b>BIGSHOT</b>	1,117	153	0.13	0.04	102	✓
7H014990	<b>ROONEY</b>	1,091	138	0.05	0.03	103	✓
7H015429	<b>DERRINGER</b>	1,057	145	0.22	0.02	103	✓
7H015366	<b>AGASSI</b>	996	138	0.22	0.09	107	✓
7H015124	<b>TANGER</b>	949	146	0.14	0.06	101	✓

	PROVEN JERSEY	HHP\$	CFP	PTAF%	PTAP%	Z LAME	
7JE1879	<b>JX RHODES {5}</b>	884	147	0.12	0.11	94	✓
14JE1830	<b>JX HOOPTIE {4}-P</b>	760	147	0.17	0.11	108	✓
14JE769	<b>JX STONEY {3}</b>	702	86	0.34	0.10	107	✓
7JE1880	<b>STEARNS</b>	702	94	-0.06	0.01	90	✓
7JE1726	<b>STARLORD</b>	646	66	0.13	0.01	96	✓
7JE1882	<b>CARBINE</b>	527	37	0.12	0.05	98	✓



**YOUR SUCCESS** *Our Passion.*

Select Sires Member Cooperative  
 Phone: (614) 878-5333

Premier Select Sires, Inc.  
 Phone: (800) 227-6417

04/24 CDCB-S/HA/AJCA/Zoetis Genomic Evaluations. Yield and Z LAME Rel %: PERPETUAL 92, 53; BIGSHOT 99, 47; ROONEY 96, 50; DERRINGER 90, 49; AGASSI 89, 47; TANGER 94, 49; JX RHODES {5} 94, 36; JX HOOPTIE {4}-P 94, 44; JX STONEY {3} 99, 85; STEARNS 92, 46; STARLORD 99, 49; CARBINE 94, 54. All Jersey sires are BBR 100. All sires are JH1F. All sires are JNS-TF, except JX RHODES {5} and CARBINE (JNSC). All sires qualify for semen export to Canada. \*Your Success Our Passion, HHP\$, Mastitis ResistantPRO and the Select Sires logo are registered trademarks of Select Sires Inc., Plain City, Ohio. 7 = Select Sires, 14 = Accelerated Genetics. Top-bottom: PERPETUAL photo THOMAS; JX STONEY {3} photo Jordan.