

USDA's final FMMO rule adds more to make allowances, shortens delay on composition updates, restores higher-of and keeps the controversial ESL adjuster. On the positive side for dairy farmers, the USDA will shorten the delay from 12

months to six months for implementing the updated milk composition factors. These composition updates will be 3.3% true protein, 6% other solids, and 9.3% nonfat solids, which are estimated to increase Class I prices in all Federal Orders by an estimated 70 cents per hundredweight, while also increasing the manufacturing class prices in the four fat/skim Orders. The photo was taken on November 2 along U.S. Route 222 in southern Lancaster County, Pa. Quite obviously farm country!

## USDA to complete producer vote before new administration comes to town

By SHERRY BUNTING Special for Farmshine

WASHINGTON, D.C. – The USDA released on Nov. 12 the Secretary's nearly 500-page final rule on the Federal Milk Marketing Order (FMMO) price formula changes, with a few changes from the July ruling.

USDA rejected comments seeking to forestall the make allowance increases or to reduce their size. All make allowances are further raised in the final rule vs. preliminary rule by a fraction of a penny for marketing costs. Also, USDA has added more than a penny per pound to its earlier decision on the nonfat dry milk make allowance. These are milk check deductions that are embedded in the class and component formulas.

USDA also plans to stick with its earlier decision to introduce a rolling adjuster for extended shelf life (ESL) milk, which creates essentially two-movers for Class I that was not part of the hearing scope. The Department further defined ESL milk by processing method to be all milk using ultra-pasteuriza-

tion, not just relying on the shelf life designation of 60 days or more.

The broad range of changes in the proposed final rule are the result of the national hearing and rulemaking process that began in 2023. It will be made final for implementation after dairy producers vote to approve these changes in the Order-by-Order referendum that will be completed before the new administration takes office on January 20th.

USDA AMS will mail voting ballots to eligible producers and qualified cooperative associations — which may bloc-vote on behalf of their eligible members — after the final rule is published soon in the Federal Register. Ballots must be returned with a postmark of December 31, 2024 or earlier and be received by the Department by January 15, 2025 in order to be counted.

Not all producers in a Federal Order will be eligible to vote. Only producers with milk pooled on a Federal Order in the month of January 2024 are eligible to vote in that Federal Order.

A 'yes' vote accepts all parts of the final story, and it does not include the positive or-

rule. A 'no' vote rejects the changes but also rejects the continuation of that Order. Any of the 11 Federal Orders that does not meet the two-thirds majority requirement for acceptance of these changes will be terminated. The two-thirds majority is calculated among eligible producers in the Order who return a ballot.

USDA AMS will host three public webinars to further inform stakeholders of the changes and referendum process on Nov. 19 and Nov. 25 at 11:00 a.m. ET and Nov. 21 at 3:00 p.m. ET. A link to access the webinars will be provided at the AMS hearing website along with supplementary educational documents at https://www.ams.usda.gov/rules-regulations/moa/dairy/hearings/national-fmmo-pricing-hearing

Using its backward-looking analysis of applying the changes to actual 2019-23 pool test data, the combined net benefit for all 11 Federal Orders of all the changes in the final rule is estimated at +\$0.26 per hundred-weight. But an average does not tell the full story and it does not include the positive or-

derly marketing impact of restoring the higher-of method for calculating Class I.

USDA's backward-looking static analysis – at actual pool component test – shows net benefits for the following Orders:

- Appalachian +\$1.90 per cwt.,
- Southeast +\$1.80 per cwt.
- Florida +\$1.43 per cwt.
- Central U.S. +\$0.52 per cwt.
  Mideast +\$0.50 per cwt.
- Northeast +\$0.35 per cwt.
- Southwest +\$0.07 per cwt.
- It shows net-negative for:
- California -\$0.27 per cwt.
- Upper Midwest -\$0.13 per cwt.
- Arizona -\$0.1 per cwt.
- Pacific Northwest -\$0.05 per cwt.

However, this analysis does not factor-in the positive impact of restoring the higher-of method for calculating Class I. The Orders above showing net negative impacts have more liberal policies for jumping in and out of FMMO pools. Since USDA did not quantify the benefit of its restoration of the higher-of

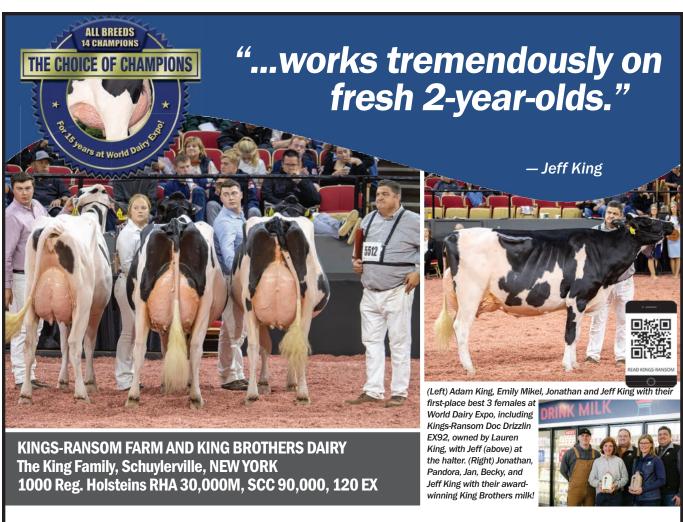
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# Holstein Association seeks nominations for next year's awards

BRATTLEBORO, Vt. — Each year, Holstein Association USA celebrates dairy community leaders with its prestigious Distinguished Young Holstein Breeder, Distinguished Leadership, and Elite Breeder awards.

"There are many Holstein Association USA members and supporters who are actively furthering the Holstein breed and the dairy industry as a whole," says Holstein Association USA CEO John Meyer. "I encourage each of you to think about those you know who are making a positive impact on the Holstein industry and consider nominating them for an award."

Holstein enthusiasts are invited to submit nominations for the Elite Breeder and Distinguished Leadership awards. Nominees for these two awards will be considered for three years following their initial submission. Current Holstein breeders between the ages of 21 and 40 are encouraged to apply for the Distinguished Young Holstein Breeder award. Nomination applications must be postmarked by January 31, 2025.

Award applications are available on the Holstein Association USA website at www.holsteinusa.com/awards/individuals. Honorees will receive their recognition during the 2025 National Holstein Convention to be held June 23-26 in St. Louis, Missouri. More information about it can be found at www.holsteinconvention.com

Additionally, a scholarship is available to students interested in agriculture who plan to pursue their master's degree in business administration. The Robert H. Rumler MBA Scholarship awards \$3000 to a qualified individual pursuing their MBA at an accredited university. Applications for this scholarship must be received by April 15, 2025.

#### About the awards:

- The Elite Breeder Award honors a living Holstein Association USA member, family, partnership, or corporation who has bred outstanding animals and thereby made a notable contribution to the advancement of U.S. Registered Holsteins.
- The Distinguished Leadership Award is given to an individual who has provided outstanding and unselfish leadership that has contributed to the improvement of Holstein Association USA and/or the dairy industry.
- The Distinguished Young Holstein Breeder Award recognizes significant accomplishments of young Registered Holstein® breeders ages 21 to 40. Submissions can be made for individuals, a couple, or business partners. The winning applicant will receive travel and lodging expenses (for up to two people) to the National Holstein Convention, complimentary tickets to the Convention banquet, and a \$2000 cash award.

To view a full list of award recipients since 2007, visit www.holsteinusa.com/awards/individuals.



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## **USDA** to complete

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method for the Class I mover, it's important to note that this, alone, can soften the blow.

According to experts consulted by Farmshine on this matter, the potential benefit of restoring the higher-of in a low-Class-I FMMO like the Upper Midwest is 7 to 10 cents per hundredweight — as an average over time.

More importantly, the orderly marketing restored by this part of the final rule has a protective effect on the month-to-month hits taken by pooled producers from opportunistic depooling and negative PPDs.

In short, producers should realize that the restoration of the higher-of reduces the prevalence of very large negative PPDs that disrupt risk management performance and treat pooled producers inequitably during black swan events and times of major market imbalances – like have been experienced over the past five years under the average-of method. This is a benefit that is difficult to quantify, but is contained in this decision nonetheless.

On the positive side for dairy farmers, the USDA will also shorten the delay from 12 months to six months for implementing the

updated milk composition factors. These composition updates will be 3.3% true protein, 6% other solids, and 9.3% nonfat solids, which are estimated to increase Class I prices in all Federal Orders by an estimated 70 cents per hundredweight, while also increasing the manufacturing class prices in the four fat/skim Orders.

The manufacturing class prices in the other seven Orders that use multiple component pricing are already paid on actual components, not by standardized levels.

Standardized butterfat composition at 3.5% will not be updated in this decision because this is a paper number that does not affect how producers are actually paid. Each pooled producer's individual minimum price in all Federal Orders is already based on their actual butterfat pounds.

The updates to county-by-county Class I location differentials were also tweaked in places, compared with the July preliminary decision, and the base differential for all counties at \$1.60 per hundredweight remains in place

Butterfat recovery within class and component formulas will be updated from 90%

to 91%. Several proposals had requested a larger increase.

The final rule also removes 500-pound barrel cheese prices from the protein and Class III formulas, meaning only 40-pound block Cheddar price surveys will be used going forward.

On the negative side for dairy farmers, the large increases in processor make allowance credits were made larger, not reduced, after the 60-day public comment period.

USDA relied on the voluntary surveys of processor costs that were presented at the hearing as customary data sources from past make allowance adjustments. While USDA did not fully meet the requests of IDFA and Wisconsin Cheesemakers Association, it does recommend much larger make allowances than what NMPF had proposed.

These make allowance deductions are embedded in the pricing formulas, not line items on a milk check, and they aggregate to an impact of 75 cents to \$1.00 per hundredweight -- depending on product mix and Class utilization.

USDA responded to processor comments about marketing costs, adding \$0.0015/lb to its previously proposed processor make allowance credits for cheese, butter, nonfat dry milk, and dry whey. USDA also responded favorably to the processors' request to adjust the nonfat dry milk make allowance to be more than a penny per pound higher than previously proposed.

The final decision will raise the make allowances on the four products used in class and component pricing – per pound – as follows: Cheddar cheese will be increased from the current make allowance of \$0.2003 to \$0.2519 per pound; dry whey from \$0.1991 to \$0.2668; butter from \$0.1715 to \$0.2272, and nonfat dry milk from \$0.1678 to \$0.2393.

In its rationale, USDA stated that NMPF member-cooperative-processors supported the NMPF proposal as "a more balanced approach" to consider impacts on producers and processors. However, they also testified that the smaller increases proposed by NMPF

"did not cover their costs."

This put USDA in the position of having to rely only on the cost data provided by IDFA and Wisconsin Cheesemakers because NMPF offered no cost data to support their smaller proposal. USDA said it rejected consideration of the impact on dairy farmers because the Agricultural Marketing Agreement Act does not include producer profitability as a factor for the Secretary's consideration on this matter.

USDA chose not to wait for the mandatory and audited cost of processing survey that Congress is expected to authorize and require USDA to utilize in the future. This language is included in all versions of the new farm bill and is reportedly supported by NMPF, IDFA and AFBF.

The Secretary's final decision on the Class I base price mover remains unchanged from July. USDA will restore the higher-of formula, which had been changed to an average-of formula in the 2018 farm bill. USDA is also sticking with the ESL adjuster, creating what is essentially a two-mover system for fluid milk.

Processors will separately report sales of conventionally processed (HTST) and ultra-pasteurized (ESL) fluid milk product sales each month. The higher-of method will set the base price mover, and USDA will apply the new ESL adjuster to the sales of ultra-pasteurized milk to determine their final pool obligation.

The ESL adjuster represents the difference between the higher-of vs. the average-of the Class III and IV advance pricing factors over a 24-month period with a 12-month lag. USDA states that it sees this adjuster "stabilizing" the difference between HTST and ESL over time.

USDA also rejected comments that had raised competitive concerns, stating: "The record does not contain evidence to support the implication that manufacturers of dairy products, the majority of which do not manufacture ESL products, would make business decisions to gain an advantage in the fluid market where they do compete."

# Farm Bureau encourages producer participation for politically appointed positions with Trump

CAMP HILL, Pa. — County Farm Bureaus are strongly encouraged by the Pennsylvania Farm Bureau (PFB) to submit names for politically appointed positions in the incoming Trump Administration. The process to do so is below:

- PFB member has a conversation with the nominee to discuss whether they would like to be nominated for the position.
- PFB member brings the name of the nominee to the County Farm Bureau Board, once the nominee has agreed to being nominated.

• The County Farm Bureau Board should complete the form to nominate the individual no later than Friday, December 20, 2024.

Prior submitting to AFBF, PFB's President will call the nominee to let them know PFB officially plans to submit their name to AFBF.

PFB submits the nominees received from County Farm Bureaus to the AFBF Board to vote on in January.

Contact your county organization or PFB more more details or answers to questions.



### LETTER to the EDITOR

# Wounds opened after reading article concerning FMMOs

Reading "Details provided for upcoming referendum" by Danny Munch, American Farm Bureau economist, on the front page of the November 1, 2024, issue of Farmshine, opened wounds.

The "Federal Milk Marketing Improvement Act" that was introduced in the United States Senate in 2007, 2009, and 2011, included a provision that would have prevented the termination of a Federal Milk Marketing Order (FMMO) if any proposed Amendment is turned down.

In January 2021, I was approached by a member of a large farm organization that was working on modifying "bloc-voting" and was asked for input. I responded by sending him a Draft Recommendation of how this could be done. Another national organization was also interested in changing or eliminating "bloc-voting." I sent them a copy of the Draft as well, knowing that, sooner than later, dairy farmers would be faced with the option of voting in favor of devastating

eral Order by voting down those Amendments. These organizations have paid staff and lobbyists. I am not a lobbyist but am simply an unpaid dairy policy citizen-analyst. I never heard back from either organization, and now, almost 4 years later, dairy farmers still have no meaningful say in the FMMO Hearing and Amendment processes.

That this is even possible in 2024 with all the national talk about "democracy" and "transparency" is beyond pre-

The undemocratic and tyrannical USDA FMMO Referendum process embedded in federal statute can and absolutely should be corrected by Congress either by freestanding legislation or in the upcoming Farm Bill.

The U.S. Supreme Court ruling on June 28, 2024, reversing the Chevron decision may offer an opportunity to challenge

mentation of rules that were not part of the Hearing process but were added in after the Hearing and the seizing of private property with the redistribution of wealth through government-mandated processor "make allowances" implemented by unelected and unaccountable federal bureaucrats in the administrative state.

President-elect Donald Trump plans to unleash Robert F. Kennedy, Jr., to clean up the USDA, the FDA, and the NIH and "Make America Healthy Again."

On November 6, 2024, Kentucky Congressman Thomas Massie appointed Joel Salatin to be one of six advisors to the Secretary of Agriculture. This seems to be a signal that the second Trump term may seek to truly reform the oppressive USDA bureaucracy and the government's corporate-friendly Dietary Guidelines for Americans (DGA) that are now impeding the promotion of whole milk and traditional dairy products, even in the school lunch program. Time will tell.

Since the current Congress and Administration have fumbled so badly on the Farm Bill, Farm Women United (FWU) vehemently opposes passage of any LAME DUCK Farm Bill in the hope that the new Administration will take healthy food and, by extension, the dire financial needs of the farmers, who produce the food, seriously. This must be a bipartisan effort because everyone has to eat, and the food everyone eats must be the healthiest possible.

Following is my Draft Recommendation of the 1937 Agricultural Marketing Agreement Act (AMAA) section 608(c) dated 1/23/21, so any interested parties can see that the long overdue real reforms that dairy farmers still desperately need can easily be passed by Congress either through the Farm Bill or by legislation introduced directly in Congress.

DRAFT to amend 7 U.S.C. Section 608c - U.S. Code to allow agricultural producers a direct vote in Federal Agriculture Orders.

A Bill to amend 7 U.S.C. Section 608c-U.S. Code-Title 7. Agriculture Section 608c. Orders to establish direct producer representation in the issuance of orders, or any term or condition thereof, or the termination thereof.

Section 1. Short Title

Agricultural Producers Voting Rights Act

Voting Rights of Agricultural Producers in Federal Orders (1) 7U.S.C. 608c (12) Heading is amended by striking Cooperative association representation and inserting producer representation.

Section 608c (12) is amended to read as follows:

(A) Whenever, pursuant to the provisions of this section, the Secretary is required to determine the approval or disapproval of producers with respect to the issuance of any order, or any terms or conditions thereof, or the termination thereof, the Secretary shall consider the approval or disapproval by producers.

(B) The Secretary shall mail to each producer in the affected order or orders;

(a.) A hearing notice and full description of the proposal to be

(b.) An opportunity to submit written or verbal testimony.

(c.) A secret ballot shall be sent to each producer with a full description of the proposed order, or proposed amendment to the order. (d.) Each producer shall have one vote.

(e.) A cooperative association shall not vote on behalf of its producer members, but may advise its membership on matters to be voted on. (2) 7 U.S.C. Section 608c (19) is amended by striking coopera-

tive associations and inserting producers.

AMENDMENTS TO FEDERAL MILK MARKETING ORDERS. Section 8c (17) of the Agricultural Adjustment Act (7 U.S.C. 608c

(17)), reenacted with amendments by the Agricultural Marketing Agreement Act of 1937, is amended by adding at the end the

(H) Orders covering milk and milk products.--In the case of an order covering milk or milk products, disapproval of an amendment to the order shall not be considered to be disapproval of

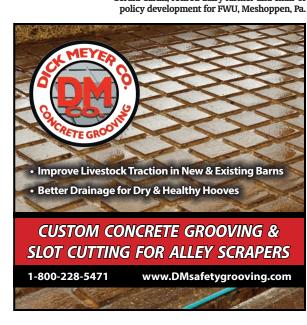
(i) the order; or

ii) other terms of the order, and

(iii) shall not result in the termination of the entire Federal Milk Marketing Order

Sincerely.

Gerald Carlin, retired dairy farmer and chair of





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## How these dairymen meet herd management challenges

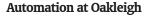
# Innovation and diversity come in big and small packages

By SHERRY BUNTING Special for Farmshine

HARRISBURG, Pa. – Innovation on the dairy farm isn't just the big investments that come to mind, but a mix of changes and a mindset to improve. Three distinctly different Pennsylvania dairy farms were showcased in a producer panel during the 2024 Dairy Financial and Risk Management Conference hosted by the Center for Dairy Excellence recently.

The audience of mainly ag lenders and industry representatives along with some fellow dairy farmers, had the opportunity to see how producers think through the challenges, progress, and investments, and how they manage

their risk in areas such as herd health, feed and nutrition, as well as adversities they can't control like weather, markets, and labor.



For Matt Brake of Oakleigh Farm, Mercersburg, the five-year plan was accelerated in a different direction after a barn fire in December of 2019 forced the family to ask the question whether they would even continue in dairy. No animals were lost, and the 1950s parlor was saved, but they had big decisions to make about the future without a facility.

"We did a lot of praying and had a lot of difficult conversations," he recalls.

By July 2020, they were milking 120 Registered Holsteins with two Lely robots, automated feeding, automated bedding, and



Robotic systems for milking and feeding -- as well as grooming -- are shown here at Oakleigh Farm, Mercersburg, Pennsylvania. The dairy features many automated technolo-

gies that "play together" to improve how the herd is managed for optimal health and performance

retained their preference for a bedded pack barn rebuilt within the existing footprint.

"We really appreciate the cow comfort we get from a bedded pack, and the longevity, which is something we are really seeing now, more than ever," Brake explains.

They didn't know – at first – that they would go robotic, but they did know the Lely Vector feeding system would be used for feeding in place of buying a new tractor and mixer and firing it up twice a day.

"It's amazing to see how all these different pieces of technology play together," says Brake.

The curtains and fans are all automated and integrated. All data points for the herd are displayed on every single milking. The system ranks cows from zero to 100 on percentage chance of illness, and the automatic sorting for individual attention is based on

things like activity, rumination, production, and intakes.

"Everything just plays together in real time, without guessing. We're still involved as managers, but the data and automation are the tools we didn't have before. We saw an increase in production, but farming is still farming," Brake relates, giving examples of ration changes that had to be made with a forage quality issue, and how data systems helped with early detection.

Overall, the animals are doing better in this system, and they are treating fewer cows because they are getting to them earlier.

"It's really true that an ounce of protection is better than a pound of cure. The quicker we can give those cows the attention, the less likely they are to really nose-dive on us," he says.

Brake sees how automation saves labor in

some respects, but it's more accurate to say that, "With automation, we are better utilizing our skills. We're able to spend our time better with the cows or focusing on priorities—like chopping corn or getting the alfalfa harvested at the right time.

"We don't have to stop those activities two times a day or worry about if we have enough help in the parlor, and do we trust that person to stand in the parlor. The robot might 'call in sick' temporarily here and there, but in general, compared with some of the employees we've had, it's reliable."

Moving from just the paper DHIA to incorporating this into the electronic records, changes how they manage culling to be more

voluntary than involuntary.

"We can look at space and overcrowding and begin to evaluate cows not just on milk but how efficient they are in the robots looking at deviation from the average with rankings on everything from performance in the robot to reproductive performance and past treatments and other metrics," he explains.

Better management of the culling decisions also gives them the ability to plan how many heifers to raise. "One of the things we are doing is using more beef semen and using the system to decide who to use it on," he says.

#### Renovation at Mount Rock

For Alan Waybright, innovation was the focus when he purchased Mount Rock Dairy  $\,$ 

turn to page 7

# Thanks & Congratulations!

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## Dairyman's Datebook

**NOVEMBER 19,** 9 a.m. Women in Dairy Conference, Holiday Inn, Grantville, Pa.

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

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

**DECEMBER 10,** 10:30 a.m. to 1:30 p.m. Center for Dairy Excellence 20th Anniversary Luncheon, Melhorn Manor, 977 West Main Street, Mount Joy, JANUARY 7-9, PDP Managers Academy at the Marriot Quorum Dallas Addison in Dallas, Texas.

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

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

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

# Collinsworth Memorial Scholarship applications due

BRATTLEBORO, Vt. — Junior Holstein members are encouraged to apply for the National Judi Collinsworth Memorial Scholarship. Two scholarships will be awarded, including one top \$1000 scholarship and a second \$500 scholarship.

National Junior Holstein members enrolled in a 2- or 4-year college or university who have exhibited their animal at a National Junior Holstein Show during the current show season are eligible to apply.

"This is an especially meaningful scholarship because of its dedication to Judi Collinsworth and the way it connects my involvement in showing Holsteins to my education in the industry," said 2023 Judi Collinsworth Memorial Scholarship recipient Brianna Meyer. "As I proceed through college, I will continue building upon the skills I've learned working with Holsteins and am grateful for the support from Holstein Association USA and this scholarship program."

The selection committee considers leadership, participation in Holstein activities, as well as involvement in school, community, and agricultural organizations. National Junior Holstein members enrolled in college who have competed in any of the National Junior Holstein shows throughout the 2024 show season are invited to submit applications by no later than December 1, 2024. Applications can be found at www.holsteinusa.com/juniors under National Junior Shows.



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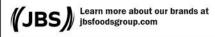


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## Auction Guide

**NOV. 16,** 9 a.m. Truck-Trailers-Vehicles Auction, Newmanstown, Pa. Sale managed by L&H Auctions.

NOV. 20, 10:30 a.m. Dairy Cow & Heifer Sale, New Holland Sales Stables, New Holland, Pa. Sale managed by New Holland Sales Stables.

**NOV. 20,** 12 p.m. Farm Auction, Oakland, Md. Sale managed by Hurley Real Estate & Auctions.

NOV. 21, 10 a.m. Special Thanksgiving Dairy Cow & Heifer Sale, Brubacker's Quality Dairy Sales, Shippensburg, Pa. Sale managed by Brubacker's Quality Dairy Sales.

NOV. 22, 11 a.m. Special Thanksgiving Dairy Sale, Fisher's Quality Dairy Sales, Ronks, Pa. Sale managed by Fisher's Quality Dairy Sales. NOV. 27, 10:30 a.m. Special Thanksgiving Dairy Sale, New Holland Sales Stables, New Holland, Pa. Sale managed by New Holland Sales Stables.

NOV. 29, 7:30 a.m. Horse Consignment Auction, Penns Valley Livestock, Centre Hall, Pa. Sale managed by Penns Valley Livestock.

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

#### 2025

**FEB. 8,** Pa. Holstein Convention Sale, Gettysburg, Pa. Sale managed by Pa. Holstein Association.

# Dairy housing workshop coming to Lancaster

LANCASTER, Pa. — Penn State's Extension Dairy Team is offering an in-person workshop to help dairy managers and farm owners explore multiple options for dairy housing. The workshop, called "Dairy Housing Option: My Tie Stall is Worn Out," will be held December 10 at the Lancaster Farm and Home Center, 1383 Arcadia Road, Lancaster. The program is from 10:00 a.m. to 2:30 p.m., and the \$10 registration fee includes lunch.

Topics will cover principles of building and managing various dairy housing types, creating low-cost milking facilities and managing cows in groups. Insights from a banking perspective will also be offered.

Presenters will be: Emily Fread and Kassandra Hower, extension educators, dairy; John Tyson, agricultural engineer, educator; and Ethan Crane, agricultural relationship manager, Ephrata National Bank.

"This workshop will offer valuable insights into a wide variety of options for producers wishing to make a change, those starting from scratch or those taking over from a previous generation.," said Fread.

For more information and to register, visit https://extension.psu.edu/dairy-housing-options-my-tie-stall-is-worn-out-now-what. Registration can also be done by calling 704-301-3441.





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## Advertiser's Index

# Twelve scholarships presented by NDB

ROSEMONT, Ill. – The dairy checkoff has awarded 12 academic scholarships to students enrolled in programs that emphasize dairy and have shown potential to become future dairy leaders.

The National Dairy Promotion and Research Board (NDB), through Dairy Management Inc., which manages the national dairy checkoff, annually awards \$2500 scholarships to 11 students. In addition, the NDB awards a \$3500 James H. Loper Jr. Memorial Scholarship to one outstanding scholarship recipient.

Darcy Heltzel, an Iowa State University student who is majoring in food science, earned the James H. Loper Jr. Memorial Scholarship.

Students earning \$2500 scholarships are: Katie Hebdon (University of Idaho), Mary Lewandowski (University of Wisconsin-Green Bay), Anthony Agueda (California State University-Fresno), Sarah Hagenow (University of Minnesota-Twin Cities), Sienna Mahaffy (Oklahoma State University), Irene Nielsen (Iowa State University), Kylie Konyn (University of Wisconsin-Madison), Brianna Meyer (University of Wisconsin-Madison), Sara Kennedy (Penn State University-University Park), Jessemy Sharp (South Dakota State University) and Cydney Stables (Graceland University).

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## Innovation from page 5

from the Mains family five years ago near Newville.

A building project was in order to update the over 30-year-old milking systems. About a year ago, they began milking in a 50-stall rotary, which changed the milking time on 2.5 times a day with each milking in a double-12 taking 9 hours, to now milking 4 times a day with each milking taking 3 hours and 45 minutes

Waybright has been expanding from the 650 cows and 150 bred heifers he brought to Mount Rock from his prior home farm involvement at Mason Dixon, to milking 940 cows today with a 92-pound average, 4.2%F and 3.3%P.

Automation features were part of the rotary to reduce labor, and the calf barns include the wet barn to get them started before grouping for automatic feeders where they receive four to five feedings a day, resulting in healthier, better growing calves.

With the automated pre- and post-dipper, Waybright says the milking procedure in the DeLaval 50-stall rotary is very consistent, requiring just two employees, the first to wipe and forestrip and the second to dry and attach.

"This is a labor savings, yes, but there have been other benefits for udder health too," Waybright reports. "When we went from the double-12 where we were hand dipping to the sprayer, a 50-gallon drum used to last seven days, now it's three days.

One of the innovative things he has worked on is the use of manure solids for bedding while keeping somatic cell counts low. His system uses two screw-presses dropping manure into the drum, leaving about two days' worth of bedding at the other end

with moisture levels around 50%.

They bed stalls every day during the week to use the solids as they come right out of the separator drum, adding acidifying ag lime to control mastitis.

#### Diversity key at Slate Ridge

"For us the secret weapon is diversity," says Ben Peckman of Slate Ridge Dairy, St. Thomas, Pa. He and his wife and high-school aged children milk 150 cows and raise 100 heifers, also feeding out all bull calves as steers

He says there's not one multi-million-dollar investment here, just the things that altogether add up to make a large impact.

At the dairy, he looks for ways to streamline, like ovsynch for repro. "It's the little pieces here and there, he says, mentioning the machine with a smart phone app he purchased to do daily dry matter analysis on feedstuffs before mixing.

"Instead of always looking at the past for those adjustments, I can go out and see what the DM is right now," says Peckman.

He fills the small sampler with three samples to get an average. "I have feed charts on my phone, pop in that number, and it changes out what I put in the mixer to get the same DM pounds," he explains.

With feed stored in drive over piles, this is even more important to get the accurate measures each day, according to Peckman, who sees how it changes daily, firsthand.

"On a rainy day, it goes up, and on a dry, hot day, it goes down," he says. "When changes happen day to day, testing every two weeks is not enough. My spreadsheet smooths out the changes by using the average of the past three days. When we started doing this we saw better production and components."

A robotic feed pusher is another feed technology that's made a difference. "We see higher intakes, fresher feed, labor savings and the ability to do this when I'm not there," Peckman relates.

Bankers asked what 'calculus' goes into making such investments. For Peckman, the answer was blunt. "It's something that improves how my herd performs but the robotic pusher does something I'm not willing to do. I'm not getting out of bed at 2:30 a.m. to push up feed."

Other barn updates include ventilation controls and ceiling fans above bed pack areas. It's better for cow comfort but there's also a cost savings. "We use half as much straw and bedding with the new fans drying the air."

His wife's mobile milk pasteurizer is another innovation. They always fed whole milk and had a few problems when they fed it unpasteurized.

Dr. Clay Zimmerman, Balchem

With the mobile pasteurizer, it's two-fold: "the milk is better, but also the temperature is much better. It keeps the milk warmer, and we have healthier, better growing calves."

Peckman really enjoys the cropping side, farming 1100 acres of diversified crops to feed the cowherd and take advantage of other markets.

"Diversity is how I mitigate risk. It's my key technology. Diversity can't be bought, but it pays. It helps me combat weather, combat markets, and combat other adversities in general," he says, adding that it's "not rocket science," just looking at things other farmers are doing and adapting.

He does use GPS guidance for his tractors for planting and spraying, which saves seed and inputs and work off field monitoring with yield maps.

In addition to traditional corn for grain turn to page 13

Jeffrey Swartz, PAS, Homestead Nutrition



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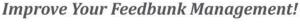
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HENRY FARMS OF KNOX LLC.

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Clinton

MEYER DAIRY FARM LLC.

MEYER DAIRY FARM LLC.

Crawford TRCP FARM LLC.

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HERDS WITH A RHA SCC LESS THAN 200,000

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ONE WAY HOLSTEIN

KING DAIRY LLC.

#### OCTOBER 2024

Λ	d	ams
$\Box$	w	uns

327 HO 25136 1010 786 GOLD HOLSTEINS 96 XX 20904 838 664

HERDS WITH A RHA SCC LESS THAN 200,000 SPUNGOLD HOLSTEINS

#### Armstrong

SCOTT BOWSER	92 HO	25200	962	79
SHIREY FARM	446 HO	23070	835	69
LARA WILSON SHIFLDS	28 HO	19532	720	61

#### Beaver

WALLACE CITY FARM	53 HO	21084	846	69
FISCHERS WINDY RIDGE	35 JE	16324	821	59
BREEZE RIDGE FARM LLC.	76 BS	17588	729	57
BREEZE RIDGE FARM LLC.	75 BS	17599	729	57

HERDS WITH A RHA SCC LESS THAN 200,000 BREEZE RIDGE FARM LLC RRFF7F RIDGF FARM LLC BS 135 FISCHERS WINDY RIDGE 146 35

#### **Bedford**

MANOR MEADOWS FARM 105 HO 19015 734 604

Berks				
MISTY MOOR HOLSTEINS	77 HO	31363	1284	1019
DAVIEW FARM	64 HO	31358	1274	1007
CYRUS & JENNY GEHRINGER	99 HO	30167	1141	915
MERLIN & CRYSTAL GOOD	88 HO	28979	1145	910
TWILIGHT HOLSTEINS	117 HO	28217	1227	907
SUNRISE FARM	44 HO	30037	1141	895
ADAM NOLT	40 HO	28977	1118	883
EARL HAFER & SONS	226 HO	28504	1014	875
DON & AMY RICE	91 HO	28684	1094	866
SHAYNAH KEE FARM	81 HO	28751	1049	859
MARTIN & MISSY MOYER	74 XX	28377	979	851
MICHAEL HAAG	89 HO		1133	845
KIRBYVILLE HOLSTEINS	94 HO	26137	1112	842
DON & AMY RICE	107 HO	27502	1067	841
WALNUTRIDGE HOLSTEIN	124 HO	26344	1081	837
JAY GRUBE	90 HO	26119	1017	828
SCATTERED ACRES, INC.	377 HO	26411	1091	823
NORTHKILL CREEK FARM	110 XX	25741	1004	819
BRYAN YOUNKER	98 HO	24960	967	809
VISTA GRANDE FARM	237 HO	25692	1051	793
WAY HAR FARMS	283 HO	25605	987	793
ARDOUNIE FARM, INC.	172 HO	23084	999	774
WAY HAR FARMS	307 HO	24705	954	767
OLEY TURNPIKE DAIRY	166 HO	22719	978	765
VISTA GRANDE FARM	287 HO	24414	1015	762
CRM FARM	79 HO	23166	902	762
ARLAN KRICK	111 HO	25476	932	758
J. & MONICA HUNSBERGER	58 HO	23690	910	746

#### 771 537 HERDS WITH A RHA SCC LESS THAN 200,000

126 HO 22464

114 HO 22921

16 XX 20657

191 HO 20567

28 JE 18864 874 648

21989

19858 783 603

32 HO 19109 670 598

63 HO 20520 734 650

752 743

903 701

914 699

913 696

877 637

JAMES & JAN ADAM LLC.

CEDAR CREEK DAIRY LLC.

YOUNKERS PRIDE

DON & AMY RICE R LOST CREEK FARM

VISTA GRANDE FARM

SHOW TOP FARMS

BEN & CAIT ROHRBACH

FURNACE STREAM FARM

TWILIGHT HOLSTEINS CRYSTAL SPRING FARM ADAM NOLT NORTHKILL CREEK FARM VISTA GRANDE FARM MERLIN & CRYSTAL GOOD CYRUS & JENNY GEHRINGER J. & MONICA HUNSBERGER DON & AMY RICE DON & AMY RICE MISTY MOOR HOLSTEINS BEN & CAIT ROHRBACH	HO HO XX JE HO HO HO HO HO	88 97 121 123 124 126 132 135 145 146 153 153	117 118 40 110 28 88 99 58 91 107 77 54	
BEN & CAIT ROHRBACH	НО	153	54	
DON & AMY RICE Sunrise farm	XX HO	156 157	16 44	

WAY HAR FARMS	Н0	159	28
SCATTERED ACRES, INC.	Н0	159	37
WAY HAR FARMS	HO	161	30
CRM FARM	Н0	161	7
MICHAEL HAAG	HO	163	8
CEDAR CREEK DAIRY LLC.	Н0	189	11
WAY HAR FARMS	ХХ	193	2
SHAYNAH KEE FARM	Н0	195	8
YOUNKERS PRIDE	Н0	199	6

#### **Bradford**

WALKER DAIRY	65 HO	24774	1005	811
GLENORA RIVER ACRES	281 HO	25469	1032	789
SNOWCREST FARM	102 HO	21257	828	667
JAMES & GABRIELLE SHEDDE	EN 84 HO	21921	857	666
J & C ACRES	33 HO	22425	853	655
WM CAR WMS FARMS	87 HO	19696	796	626
NATE JUDSON	39 XX	18381	799	613
PETE SWAIN	34 JE	16386	828	601
REAGAN FARMS	71 HO	18131	718	565
WILLIAM & GRETCHEN S.	57 HO	17796	717	551
ROBIN & RYAN KINGSLEY	53 XX	17000	620	532
DENISE FEUSNER	38 JE	13580	672	500

HEIGH HITTI A MIN OCC ELOO	i i iirii i kaaj	000	
J & C ACRES	H0	67	3
DENISE FEUSNER	JE	84	3
GLENORA RIVER ACRES	H0	140	28
SNOWCREST FARM	H0	176	10
JAMES & GABRIELLE SHEDDEN	H0	187	8

JE 197 34

XX 141 13

PETE SWAIN

Ducks				
MARWELL DAIRY FARM	65 HO	26462	991	791

	Dutter				
	THIELE FARM	45 HO	29848	1197	900
	DROVERS INN	145 HO	27016	1055	846
	HARTZELL FARM	277 HO	28089	1023	844
	COLTON & JEN SCHIEVER	154 HO	25450	1064	796
	UNDER GRACE DAIRY	52 HO	26494	973	788
	FOUR SEASONS FARM	13 XX	20553	963	769
	FOUR SEASONS FARM	68 BS	20463	871	73
	FOUR SEASONS FARM	55 BS	20494	853	732
	JAY RENO	24 HO	21034	786	657
HERDS WITH A RHA SCC LESS THAN 200,000					
	UNDER GRACE DAIRY		Н0	138	52

#### FOUR SEASONS FARM Cambria

Cumonta						
BRENT LOWMASTER	175 HO	26823	1121	86		
VALE WOOD DAIRY	288 HO	26357	1080	86		
BARR RIDGE FARM LLC.	179 HO	25027	1040	83		
HERDS WITH A RHA SCC LESS THAN 200,000						

VALE WOOD DAIRY	H0	82	28		
BARR RIDGE FARM LLC.	H0	139	17		
BRENT LOWMASTER	Н0	192	17		

#### Centre

MUKMAC FAKMS	18/1 HU	32979	1358	103				
PENNDELL FARMS	81 HO	28953	1171	89				
PENN STATE UNIVERSITY	266 HO	27832	1139	87				
S. & J. SWARTZ	76 HO	26063	1008	81				
TODD E. & GREG T. WOOM	74 HO	26123	1179	80				
KENNETH C. GEPHART	67 HO	25321	1014	79				
HAAGEN FARM	36 HO	24531	1078	78				
MITCHELL BROWN	61 HO	23647	979	75				
BROOK WAY HOLSTEINS	146 HO	24425	1171	72				
ROD & BIL BRUSS	53 HO	21725	854	70				
BARBARA ROSSMAN	75 HO	22030	831	66				
HAROLD E. HARPSTER	59 JE	17876	1061	65				
HEDRO WITH A DUA	HEDRO WITH A DHA COO LECO THAN 200 000							

HERDS WITH A RHA SCC LESS THAN 200,000						
IURMAC FARMS	H0	138	1871			
ENN STATE UNIVERSITY	H0	149	266			
AAGEN FARM	HO	152	36			

### Chester

OY & RUTH ANN BENDER	133 HO	33865	1373	1051
OY & RUTH ANN BENDER	221 HO	32208	1302	991
VALMOORE HOLSTEINS	1091 HO	30989	1217	972

155 HO 30313 1196 929 150 HO 29728 1196 920

88 HO 29744 1196 902

76 HO 26810 1058 826

179 HO 24702 1042 779

68 HO 24038 988 757

78 HO 24766 979 751

64 HO 24896 812 745

47 HO 20558 863 642

HO

Н0 147 150

Н0

Н0 153 88

HO 106

104 HO 27200 1112 881 208 HO 23151 907 738

1483 HO 27662 1178 888

233 HO 24964 1057 805

55 HO 23256 934 728

HO 129 1091

131 133

139 221

153 155

HERDS WITH A RHA SCC LESS THAN 200,000

HENRY FARMS OF KNOX LLC. 93 HO 27748 1072 880

HERDS WITH A RHA SCC LESS THAN 200,000

	TWIN CREEKS FARM LLC.	538 HO	27997	1167	88
	LIND FARM	66 HO	21931	900	71
	KIDSTREAT	117 HO	21655	917	69
	PALNEL FARM	118 HO	20110	861	67
HERDS WITH A RHA SCC LESS THAN 200,000					

ROGER GILKINSON XX 143 42 TWIN CREEKS FARM LLC. HO 157 538

#### **Favette**

JACKSON FARMS	128 HO	23001	876	71
HERDS WITH A RHA	SCC LESS T	<b>HAN 200</b>	,000	
JACKSON FARMS		HO	136	12

танкин				
WINDY KNOLL FARM BRECHLAND FARMS DAVID BRICKER MIDDOUR FARMS LLC. GUILSIDE FARM STEVEN E. RUBY PECKMAN HOMESTEAD HECKMAN FARMS LLC. PAUL H. ZIMMERMAN, JR. MICAH GAYMAN PAUL H. ZIMMERMAN, JR. OAKLEIGH FARM JAMES & NINA BURDETTE SOLBERG FARMS LLC.	108 HO	29055	1148	
BRECHLAND FARMS	788 HO	28552	1101	
DAVID BRICKER	64 HO	29542	1158	
MIDDOUR FARMS LLC.	125 HO	27117	1111	
GUILSIDE FARM	213 HO	26691	1101	
STEVEN E. RUBY	198 HO	28097	1094	
PECKMAN HOMESTEAD	98 HO	26146	1199	
HECKMAN FARMS LLC.	196 HO	25595	1088	
PAUL H. ZIMMERMAN, JR.	55 HO	25837	1083	
MICAH GAYMAN	147 HO	25175	1036	
PAUL H. ZIMMERMAN, JR.	67 HO	24875	1068	
OAKLEIGH FARM	130 HO	24001	985	
JAMES & NINA BURDETTE	90 HO	25623	1139	
SOLBERG FARMS LLC. ANTHONY R. LEHMAN	113 HO	24363	994	
ANTHONY R. LEHMAN	105 HO	24132	962	
<b>CURTIS &amp; AUTUMN REICHAR</b>	42 HO	23362	957	
JAMES & NINA BURDETTE	113 HO	24175	1120	
ANTRIM WAY FARM	72 HO	22359	991	
JAMES & NIMA BURDETTE ANTRIM WAY FARM RUSTIK DAIRY MEYERS BROS, DAIRY ANTIETAM FARMS LLC. PAUL H. ZIMMERMAN, JR. LAMELLO FARM SUMRISE DAIRY	198 XX	22526	987	
MEYERS BROS. DAIRY	153 HO	22916	956	
ANTIETAM FARMS LLC.	488 HO	23379	990	
PAUL H. ZIMMERMAN, JR.	13 JE	20592	1005	
LAMELLO FARM	37 HO	19812	793	
SUNRISE DAIRY	122 HO	21646	1174	
VERNON W. ZIMMERMAN	67 HO	21031	833	
JAMES & NINA BURDETTE	22 JE	18345	1050	
VERNON W. ZIMMERMAN JAMES & NINA BURDETTE LAMELLO FARM CAMPBELL RUN JERSEYS	175 BS	17079	714	
CAMPBELL RUN JERSEYS	60 JE	15588	805	
LAMELLO CADM	120 DC	14240	602	

#### 12 BS 26604 1081 882

62 77

HO 72 233

HO 199 55

W.	I I MINITI LLC.	12 03	20001	1001	00	
09	STERS FAMILY FARM	108 HO	25875	1144	87	
RC	CP FARM LLC.	77 HO	27964	1061	85	
RC	CP FARM LLC.	100 HO	27464	1061	85	
RC	CP FARM LLC.	12 XX	24753	1030	80	
08	SEPH M. VORISEK	62 XX	25434	978	79	
HERDS WITH A RHA SCC LESS THAN 200,000						
09	STERS FAMILY FARM		H0	142	10	
0	LLYRUN FARM		XX	183	2	
RC 0S	CP FARM LLC. Seph M. Vorisek <b>Herds With A Rha</b> Sters Family Farm	12 XX 62 XX	24753 25434 <b>Han 20</b> HO	1030 978 <b>0,000</b> 142	7	

FOSTERS FAMILY FARM	H0	142	
DOLLYRUN FARM	XX	183	
TRCP FARM LLC.	BS	183	
JOSEPH M. VORISEK	XX	187	
TRCP FARM LLC.	H0	187	
TRCP FARM LLC.	H0	195	

#### Cumberland

BRYMESSER FARMS	249 HO	30621	1338	98		
MATHEW WEAVER	110 HO	24288	977	77		
J&S DAIRY	76 XX	21853	866	70		
HENSEL	79 HO	20501	861	68		
FOUNTAINVUE	97 HO	21204	733	64		
FOUNTAINVUE	116 HO	19450	700	60		
HERDS WITH A RHA SCC LESS THAN 200,000						

HENDS WITH A KIN SCC EESS	I IIMN ZUU	,000	
RYMESSER FARMS	Н0	99	249
ENSEL	Н0	134	79
ATHEW WEAVER	Н0	141	110

#### Dauphin

STONEY LAWN FARMS	162 HO	28795	1081	886		
TY & TRACY LONG	126 HO	26454	1010	806		
LEHMANSTEAD FARMS	161 HO	23004	984	759		
HERDS WITH A RHA SCC I ESS THAN 200 000						

#### TY & TRACY LONG

#### Elk

PIERRE PONTZER	86 HO	20247	850	629
PAUL SWANSON	57 HO	18684	762	619
HERDS WITH A RI	IA SCC LESS T	HAN 200	,000	
PIERRE PONTZER		H0	168	86

#### Erie

TWIN CREEKS FARM LLC.	538 HO	27997	1167	889	
LIND FARM	66 HO	21931	900	714	
KIDSTREAT	117 HO	21655	917	698	
PALNEL FARM	118 HO	20110	861	672	
HERDS WITH A RHA SCC LESS THAN 200,000					

JACKSON FARMS	128 HO	23001	876	713
HERDS WITH A RH	A SCC LESS T	HAN 200	,000	
JACKSON FARMS		H0	136	128

танкин				
WINDY KNOLL FARM BRECHLAND FARMS DAVID BRICKER MIDDOUR FARMS LLC. GUILSIDE FARM STEVEN E. RUBY PECKMAN HOMESTEAD HECKMAN FARMS LLC.	108 HO	29055	1148	935
BRECHLAND FARMS	788 HO	28552	1101	903
DAVID BRICKER	64 HO	29542	1158	902
MIDDOUR FARMS LLC.	125 HO	27117	1111	856
GUILSIDE FARM	213 HO	26691	1101	853
STEVEN E. RUBY	198 HO	28097	1094	849
PECKMAN HOMESTEAD	98 HO	26146	1199	841
HECKMAN FARMS LLC.	196 HO	25595	1088	824
PAUL H. ZIMMERMAN, JR.	55 HO	25837	1083	819
MICAH GAYMAN	147 HO	25175	1036	819
PAUL H. ZIMMERMAN, JR. Micah gayman Paul H. Zimmerman, Jr. Dakleigh farm	67 HO	24875	1068	802
OAKLEIGH FARM	130 HO	24001	985	801
JAMES & NINA BURDETTE Solberg Farms LLC.	90 HO	25623	1139	769
SOLBERG FARMS LLC.	113 HO	24363	994	759
ANTHUNY K. LEHMAN	105 HU	24132	962	/53
CURTIS & AUTUMN REICHAR				
JAMES & NINA BURDETTE	113 HO	24175	1120	744
ANTRIM WAY FARM Rustik dairy Meyers Bros. Dairy	72 HO	22359	991	744
RUSTIK DAIRY	198 XX	22526	987	743
MEYERS BROS. DAIRY	153 HO	22916	956	740
ANTIFIAM FARMSTIC	488 H()	733/9	990	/34
PAUL H. ZIMMERMAN, JR. Lamello farm Sunrise dairy	13 JE	20592	1005	725
LAMELLO FARM	37 HO	19812	793	680
SUNRISE DAIRY	122 HO	21646	1174	675
VERNON W. ZIMMERMAN	67 HO	21031	833	655
JAMES & NINA BURDETTE	22 JE	18345	1050	647
JAMES & NINA BURDETTE Lamello farm Campbell run Jerseys Lamello farm	175 BS	17079	714	620
CAMPBELL RUN JERSEYS	60 JE	15588	805	604
LAMELLO FARM	138 BS	16348	693	604
CURTIC A AUTUUM BEICHAR		17001	770	FOO

# CURTIS & AUTUMN REICHAR 112 XX 17081 778 588 HERDS WITH A RHA SCC LESS THAN 200,000

MIDDOUR FARMS LLC.	Н0	105	125
PAUL H. ZIMMERMAN, JR.	H0	125	55
DAVID BRICKER	Н0	133	64
WINDY KNOLL FARM	H0	134	108
STEVEN E. RUBY	Н0	134	198
SOLBERG FARMS LLC.	H0	151	113
CURTIS & AUTUMN REICHARD	H0	152	42
CAMPBELL RUN JERSEYS	JE	153	60
RUSTIK DAIRY	XX	155	198
PAUL H. ZIMMERMAN, JR.	H0	155	67
BRECHLAND FARMS	H0	156	788
LAMELLO FARM	BS	171	138
MICAH GAYMAN	H0	171	147
SUNRISE DAIRY	H0	185	122
LAMELLO FARM	BS	190	175
ANTIETAM FARMS LLC.	H0	191	488

#### Huntingdon

**CURTIS & AUTUMN REICHARD** 

Hunting	uon			
WINGERT FARMS	1250 XX	28245	1242	96
EVERGREEN FARMS, INC.	3538 HO	30815	1351	96
WILLOW BEHRER FARMS	111 HO	30238	1316	96
WILLOW BEHRER FARMS	1059 HO	29811	1286	94
WILLOW BEHRER FARMS	948 HO	29757	1282	94
MOWRER FARMS	389 HO	30746	1169	93
MOWRER FARMS	408 HO	30246	1161	92
BILL & KAREN DAVIS	347 HO	27329	1117	83
DIAMOND VALLEY FARM	166 HO	24632	1041	83
HERON RUN FARMS	328 HO	24469	1011	81
LUZERNE FARM	446 HO	27093	1056	77
LAUREL RUN FARMS LLC.	119 HO	24469	1061	76
MOWRER FARMS	19 JE	20119	998	72
CONRAD FARMS	482 HO	22769	955	72
JOHN BROWN	82 HO	21281	1038	68
HAWN CREST FARMS	109 HO	18339	787	61

### HERDS WITH A RHA SCC LESS THAN 200,000

WILLOW BEHRER FARMS	HO	124	105
WILLOW BEHRER FARMS	HO	124	94
WILLOW BEHRER FARMS	HO	125	11
BILL & KAREN DAVIS	HO	136	34
WINGERT FARMS	XX	159	125
EVERGREEN FARMS, INC.	HO	195	353

#### Indiana

BLOSSOM HOLLOW FARM	118 XX	28133	1154	906		
GREEN PARK FARM	65 HO	25096	1138	852		
LARRY H. MARSHALL	46 HO	27238	969	843		
DAN L. HANCOCK	117 HO	22520	857	715		
PLEASANT VIEW FARMS	201 HO	22109	879	667		
HERDS WITH A RHA SCC LESS THAN 200,000						

GREEN PARK FARM
PLEASANT VIEW FARMS 146 65 HO 185 201

#### .Iefferson

DAN KELLER	23 HO	28285	1046	86
LONDONDALE FARM	60 HO	22993	947	73
HERDS WITH A RHA	SCC LESS T	HAN 20	0,000	
DAN KELLER		H0	72	2
	LONDONDALE FARM  HERDS WITH A RHA	LONDONDALE FARM 60 HO  HERDS WITH A RHA SCC LESS T	LONDONDALE FARM 60 HO 22993 Herds with a Rha SCC Less Than 20	LONDONDALE FARM 60 HO 22993 947 HERDS WITH A RHA SCC LESS THAN 200,000

Juniata								
KURTZ VALLEY HOLSTEINS	403 HO	28306	1143	893				
SHERTZER FARM	95 HO	27955	1071	866				
MARCUS J. ZOOK	86 HO	27043	1085	856				
MATT & BOBBI JO GR	82 HO	26401	1020	806				
MARLIN SHARON CHARLT	58 HO	25390	1005	806				
J. SCOTT LANDIS & SON	99 HO	25376	955	760				
CENTERVIEW FARM	133 HO	22866	893	732				
E. MARLENE PEOPLES	142 HO	22223	846	688				
COCOLAMUS FARM	42 XX	18371	762	584				
HERDS WITH A RHA	HERDS WITH A RHA SCC LESS THAN 200,000							

#### J. SCOTT LANDIS & SONS HO 136 KURTZ VALLEY HOLSTEINS LLC. HO 138 403 95 86 НО SHERTZER FARM 150 HO 189

#### Lackawanna

122 HO 18494 843 608

#### Lancaster

XX 194 112

STAR ROCK FARMS	1727 HO	28368	1228	875
STAR ROCK FARMS	1974 HO	27139	1210	852
SCATTERED ACRES REINHO	LD 735 HO	27896	1200	846
LAVERNE REIFF	82 HO	23536	957	759
STAR ROCK FARMS	247 JE	18749	1095	702

HERDS WITH A RHA SCC LESS THAN 200,000				
STAR ROCK FARMS	JE	140	247	
SCATTERED ACRES REINHOLDS	HO	151	735	
STAR ROCK FARMS	HO	151	1974	
STAR ROCK FARMS	HO	152	1727	

#### Lebanon

BRANDT VIEW FARM	109 HO	30262	1313	979
BROOK CORNER HOLSTEINS	402 HO	30303	1168	92
QUENTIN HORST	155 HO	29111	1144	90
DNR HOLSTEINS	111 HO	27712	1148	89.
HEILINGER FARMS LLC.	75 HO	27213	1060	880
PROMISE LANE FARMS	106 HO	27469	1032	880
COLIN LENTZ	117 HO	27849	1036	87
WHITE BIRCH FARM	153 HO	28039	1144	869
MARK M. HOOVER	97 HO	27984	1164	869
CARISTONE FARM LLC.	250 HO	27240	1086	867
BRUCE BOLLINGER & FAMILY	97 HO	28347	1118	862
DREAMLEA HOLSTEINS	90 HO	27618	1050	862
DARREN WISE	133 HO	27571	1081	860
HIDE AWAY DAIRY, INC.	488 HO	27516	1067	85.
JERE BRUBAKER	145 HO	26928	1096	850
OBIEVEIW HOLSTEINS	110 HO	27193	1067	842
LYNNCREST HOLSTEINS	52 HO	27957	991	84
DEW MIST HOLSTEINS	234 HO	29090	1149	83
KEVIN & ALLISON SELLERS	59 HO	26773	1062	82
CURVIN & DAWN GOOD	129 HO	26531	1012	823
NATHAN MULLEN	85 HO	26562	958	814
FERTILE VALLEY FARM	116 HO	26892	1030	80
OBIEVIEW, C. & M.	110 HO	25634	1071	80

#### HEILINGER FARMS LLC. 152 XX 24093 940 800 83 HO 25482 1051 797 HIMMELVALLEY HOLSTN AMOS Z. ESCH 40 HO 25869 1017 792 HOMESTEAD ACRES 116 HO 25477 951 783 NATHAN MULLEN 104 HO 24862 DETWEILER HOLSTEINS 76 HO 24805 976 781 MUSSER RIDGE FARM 175 HO 24583 1002 780 RUPLAND HOLSTEINS 85 HO 26026 1015 775 RUPLAND HOLSTEINS 258 HO 25457 1012 770 173 HO 25184 1010 768 K. & M. SELLERS 64 HO 24213 978 754 136 HO 23981 915 743 MDR FARMS LOCUST ST. HOLSTEINS HAROLD DETWEILER 139 HO 24101 87 HO 23274 994 725 LYNN & SHEILA SCHWENK 126 XX 22271 IUHN 8 VI ICHV BICCEB 85 HO 22638 903 724 HEILINGER FARMS LLC. 78 BS 21082 824 722 J. CALVIN ZIMMERMAN 101 HO 23109 J. CALVIN ZIMMERMAN 129 HO 22919 929 712 75 HO 22103 ALAN HOSTETTER LAMAR BOLLINGER 74 HO 19415 844 699 J. CALVIN ZIMMERMAN 27 HO 22480 904 698 DIAMOND VALLEY DAIRY 69 XX 19269 857 642 NATHAN MULLEN 19 JE 17057 892 634 178 HO 19900 797 KLINEDELL FARM

KLINEDELL FARM	227 HO			574
HERDS WITH A RHAS	CC LESS 1			
HIMMELVALLEY HOLSTN		Н0	53	83
RUPLAND HOLSTEINS		Н0	85	173
WHITE BIRCH FARM		H0	89	153
HAROLD DETWEILER			95	
CURVIN & DAWN GOOD		H0	95	129
RUPLAND HOLSTEINS			96	258
LYNNCREST HOLSTEINS		H0		52
BRUCE BOLLINGER & FAMILY	•	Н0	100	97
BRANDT VIEW FARM		H0	106	
RUPLAND HOLSTEINS		Н0	117	85
KEVIN & ALLISON SELLERS		Н0	119	59
DNR HOLSTEINS		H0	121	
OBIEVEIW HOLSTEINS		Н0	125	
DIAMOND VALLEY DAIRY LLC		XX		69
MARK M. HOOVER		H0	130	97
DETWEILER HOLSTEINS		H0	131	76
LYNN & SHEILA SCHWENK		XX	132	126
DEW MIST HOLSTEINS		H0	133	234
DREAMLEA HOLSTEINS		H0		
DARREN WISE		Н0		
PROMISE LANE FARMS		Н0		
MUSSER RIDGE FARM		H0	140	175
HEILINGER FARMS LLC.		H0	147	
HEILINGER FARMS LLC.		XX	151	
K. & M. SELLERS		H0	153	64
HEILINGER FARMS LLC.		BS		78
OBIEVIEW, C. & M.		Н0		
AMOS Z. ESCH		Н0		
FERTILE VALLEY FARM		Н0		
QUENTIN HORST		Н0		155
KLINEDELL FARM		Н0		178
KLINEDELL FARM		Н0		
J. CALVIN ZIMMERMAN		Н0		101
CARISTONE FARM LLC.		Н0		
BROOK CORNER HOLSTEINS		Н0		402
HOMESTEAD ACRES		Н0		116
J. CALVIN ZIMMERMAN		Н0	198	129

#### Luzerne

K. C. TROXELL FARMS 137 HO 22393 871 666 HERDS WITH A RHA SCC LESS THAN 200,000

Lycoming

#### ELAM F. LAPP 48 HO 23300 930 723 49 HO 23871 987 717 JOHN K. LAPP. JR. 44 HO 21845 909 683 SCOTT RHONDA LOVELL 41 XX 21000 832 669

#### GLADE RUN FARMS LLC. Rocky Hill Farm 16 HO 21831 902 558

82 HO 19778 780 650

HERDS WITH A RHA SCC LESS THAN 200,000				
HO	94	49		
HO	113	48		
HO	132	44		
Н0	181	82		
	H0 H0 H0	HO 94 HO 113 HO 132		

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THREE MILES DAIRY DETRICKS FARM	50	22890 19995	020	, .,
Mercer				

DALE L. KEPNER	121 HO	28695	1054	87
GANDER & GIRLS FAMILY	47 HO	25754	1035	79
IRISHTOWN ACRES	541 JE	17951	991	66
WILLOW BROOK FARM	17 HO	19419	745	62
WILLOW BROOK FARM	37 XX	17413	711	58
WILLOW BROOK FARM	16 XX	15619	657	53
HILLVIEW ACRES	65 XX	16112	683	50
THE PART OF THE PART A PART OF	044 I HOO H			

#### HERDS WITH A RHA SCC LESS THAN 200,000 WILLOW BROOK FARM XX 110 XX 129 37 HO 131 17 WILLOW BROOK FARM WILLOW BROOK FARM JE 166 541 IRISHTOWN ACRES

#### Mifflin

951 919 8 880
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3 790
781
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759
756
749
742
738
688
626
612
582

HERDS WITH A RHA SCC LESS THAN 200,000

BLESSED ACRES DAIRY

**BLESSED ACRES DAIRY** 

CALVIN & ELVA YODER

PEACHCREST HOLSTEINS

WILLOWS FARM

DERRY MUSSER	Н0	106	12
MIMOSA VIEW FARM	HO	108	6
FROG MEADOW FARM	HO	120	8
BYLER VIEW LLC.	HO	124	118
NATHAN & EUNICE YODER	HO	127	7
ROBERT & LISA PEACHEY	Н0	137	8
TITUS R. PEACHEY	Н0	140	12
WOODEDGE FARM LLC.	Н0	150	17
AUDREY GAY RODGERS	AY	157	3
VERNAN HOLSTEINS	Н0	162	6
KISH VIEW FARM	Н0	178	66
LAVERN M. KING	Н0	180	8
LOREN K. YODER	Н0	195	9
JOE & KRISTIN DIEHL	JE	197	25

#### Montgomery

MERRYMEAD FARM	62 HO	33403	1281	103	
HERDS WITH A RHA SCC LESS THAN 200,000					
MERRYMEAD FARM		H0	25	6	

#### Northampton

JOAN A. WILLIAMS	124 HO	24161	1004	729			
RALPH HAHN	101 HO	23168	953	703			
JOHN BOCKO	29 HO	18327	736	563			
KOEHLER FARM	39 HO	18153	683	531			
HERDS WITH A RHA SCC LESS THAN 200,000							
KOEHLER FARM		H0	144	39			
JOAN A. WILLIAMS		Н0	167	124			

#### Northumberland

	ZIMMERMAN'S HILLTOP DAIR	326 HO	29716	1185	937	
	SPRING LAKE DAIRY	107 HO	27363	1189	897	
	FAUS FARMS	128 HO	26873	1100	833	
	PAUL SCHMIDT	174 HO	23913	962	746	
	WAYNE KLOCK	43 HO	23423	955	733	
HERDS WITH A RHA SCC LESS THAN 200,000						
	SPRING LAKE DAIRY		Н0	106	107	

ZIMMERMAN'S HILLTOP DAIRY
Perry

PAUL SCHMIDT

LOY ACRES LLC.	99 HO	32083	1189	923
M. W. SMITH FARMS	796 HO	28964	1230	905
CARL & BRENT MCMILLEN	89 HO	27420	1082	857
MELVIN S. WEAVER	104 HO	26576	1138	835
MERLE NOLT	47 HO	27770	1080	833
LENARD & AMY KRESGE	153 HO	25863	1056	815
BLAINVIEW FARM LLC.	127 HO	25760	1021	805
LYONS BROTHERS	67 HO	25451	996	764
KRETZH FARMS, INC.	394 HO			756
INNERST FARM	300 HO	22990	1019	726

HERDS WITH A RHA SCC LESS THAN 200,000				
MELVIN S. WEAVER	HO	77	104	
MERLE NOLT	HO	88	47	
LOY ACRES LLC.	HO	94	99	
M. W. SMITH FARMS	HO	104	796	
BLAINVIEW FARM LLC.	HO	155	127	
CARL & BRENT MCMILLEN	HO	157	89	
INNERST FARM	HO	183	300	

#### Potter

CADY FARMS	88 HO	24099	1056	77
RISSER, DAVID & NELS	103 HO	24205	940	72
EUGENE SUPPLEE	115 HO	18778	764	60

#### Schuylkill

BRIAN RUCH	57 HO	27212	1119	888
WIND MILL FARM	213 BS	22358	995	761
WIND MILL FARM	204 BS	22310	994	760
RYAN WOLFE	57 HO	23891	901	752
DUNN'S PRIDE HOLSTEINS	105 HO	24405	962	735
JERSEY ACRES FMS., INC.	228 JE	16577	816	635
THE PARTIES A DITE A				

HERDS WITH A RHA SCC LESS THAN 200,000						
BRIAN RUCH	HO	99	57			
RYAN WOLFE	HO	115	57			
DUNN'S PRIDE HOLSTEINS	HO	135	105			
JERSEY ACRES FMS., INC.	JE	148	228			
WIND MILL FARM	BS	191	204			
WIND MILL FARM	BS	193	213			

#### Snyder

•				
DARE E LAND	79 HO	27072	1275	93
DARE E LAND	119 XX	24593	1218	87
ROCKINHILL DAIRY	72 HO	26463	1069	82
MABARBIL FARMS	96 HO	25467	1020	82
JACOB GRAYBILL	53 XX	24900	1015	79
DARE E LAND	39 JE	19490	1097	76
ROBERT & KATHY WAITE	66 XX	22675	963	76
WARREN FAUS	65 HO	24109	968	75
BO ANN HOLSTEINS	51 HO	23252	959	71
BO ANN HOLSTEINS	57 HO	22631	945	70
WAITE N CE FARM	80 HO	20244	802	64
HICTAMEDE EADM	54 HO	10/40	7//0	5.4

JUJIAMENE LANM	JU 110	10700	7 TU	JTU
HERDS WITH A RHA SC	C LESS TI	HAN 200	,000	
WARREN FAUS		H0	121	65
ROCKINHILL DAIRY		H0	126	72
MABARBIL FARMS		H0	131	96

XX 195 66

#### Somerset

**ROBERT & KATHY WAITE** 

201110100				
PENNWOOD FARMS	546 HO	27052	1060	825
PENNWOOD FARMS	696 HO	25148	1021	786
PENNWOOD FARMS	149 JE	18214	878	646
HERDS WITH A RHA SCC LESS THAN 200,000				

PENNWOOD FARMS	JE	125	149
PENNWOOD FARMS	Н0	169	696
PENNWOOD FARMS	Н0	178	546

#### Sullivan

SCOTT & RANDY REIBSON	89 XX	21630	945	732
CRAIG BAGLEY	38 XX	18616	795	628
HOTTENSTEIN FARM	70 HO	16352	719	508
HERDS WITH A RHA S	T 2241 33	HAN 200	000	

HERDS WITH A RHA SCC LESS	THAN 200	,000
HOTTENSTEIN FARM	H0	151
SCOTT & RANDY REIBSON	ХХ	164

#### Susquehanna

_				
EMPET FARMS	132 HO	29236	1116	89
BRANTSTEAD DAIRY FARM	91 HO	27442	1162	86
EMPET FARMS	166 HO	27375	1091	86
COTTRELL DAIRY	50 HO	24937	892	78
ETW DAIRY, INC.	51 HO	25063	1015	75
EMPET FARMS	35 JE	20347	995	72
LLOYD & DENISE PEASE	70 HO	21980	889	69
JOHN CASTROGIOVANNI	103 HO	22877	904	69
AJOY SWISS	53 BS	18829	769	62
BILL HEWITT	69 HO	20464	725	62
COLD CREEK FARM	232 HO	19274	738	61
SHAWN ROBBINS	47 HO	19569	754	61
JOHN W. BROOKS	68 XX	17822	731	55

JOHN M. RKOOK2	DO YY	1/8//	/31	5
HERDS WITH A RHA S	CC LESS T	HAN 200	,000	
JOHN W. BROOKS		ХХ	56	(
EMPET FARMS		JE	95	3
EMPET FARMS		HO	112	10
EMPET FARMS		H0	115	13
AJOY SWISS		BS	115	
ETW DAIRY, INC.		HO	128	
COTTRELL DAIRY		HO	160	

#### Tioga

BRANTSTEAD DAIRY FARM LLC.

COTTRELL DAIRY

125 HO	21728	920	693
54 HO	21861	891	692
CC LESS T	HAN 200	,000	
	Н0	76	125
	54 HO	CC LESS THAN 200	125 110 21720 720

#### Union

Cittoit				
DERICK MARTIN	62 HO	29387	1080	915
FLOYD MARTIN	59 HO	28071	1073	888
JAY & AREMINA CHARLTON	81 HO	26920	1096	834
HEART & SOUL	38 HO	24745	962	804
SNODDY FARM, INC.	98 HO	24242	1003	766
SPRUCE RUN FARM	93 HO	22274	885	679
UEDDC WITH A DUA C	CC LECC T	HAM OM	000	

#### **HERDS WITH A RHA SCC LESS THAN 200,000** derick martin ho 10 62 SNODDY FARM INC HO 128 98 81 JAY & AREMINA CHARLTON H0 160 **HEART & SOUL** Н0 190

#### Warren

	SUNSET DAIRY	603 HO	29263	1210	895		
	PINE TON FARMS	343 HO	25671	1071	880		
	JARED LINDELL	145 HO	27527	1160	875		
	MARTHA BEARDSLEY	46 HO	22685	882	719		
	CURTIS JERSEY	71 JE	15505	743	545		
	JAMES LEOFSKY	43 HO	16374	705	501		
UEDDC WITH A DUA CCC LECC THAN 900 000							

#### SUNSET DAIRY 150 603 HO PINESHADE DAIRY HO 159 56 HO 195 145 JARED LINDELL

#### Washington

Wayne				
HIGHLAND FARMS	90 HO	27742	1241	947
JACK & ELLA CHYLE	13 HO	25779	989	836
CHYLE LAND DAIRY	68 JE	19447	911	689
D. ELLIS DIX	47 HO	20900	799	662
ROCK RIDGE FARM	61 HO	19993	847	647
NOAH WOROBEY	40 HO	18495	774	551
JONATHON BURKHOLDER	82 HO	17637	712	542
STEEPHILL DAIRY LLC.	77 HO	16223	661	527
UEDDC WITH A DUA C	CC LECC T	TIAN ON	000	

#### HERDS O HO 87 HO 88 JE 121 HIGHLAND FARMS 90 68 CHYLE LAND DAIRY

HO 128 40

HO 168 37

### Westmoreland

SLICKHILL HOLSTEINS	74 HO	21852	861	705		
ADAM VANCE	63 HO	16656	639	536		
HERDS WITH A RHA SCC LESS THAN 200,000						
POOLE FARM LLC.		XX	185	69		

BALEWSKI DAIRY 37 HO 21549 916 7						
BALEWSKI DAIRY	37 HO	21549	916	71		
GOODWIN FARMS	73 HO	17302	753	56		
HERDS WITH A RE	IA SCC LESS	THAN 20	nnn n			

## BALEWSKI DAIRY

50

HO 171 91

IOIK				
WALK LE HOLSTEINS	333 HO	29482	1201	96
MEADOW VALLEY DAIRY	184 HO	26679	1183	85
BAUMGARDNER FARMS LLC.	213 HO	24181	1036	773
#PERRYDELL FARM	149 HO	24467	953	748
GUM TREE FARM	61 HO	23915	972	72
BARRENS VIEW FARM	82 XX	21450	910	684
DALE & DARLA DOLL	90 HO	21097	857	65
HEDDC WITH A DUA C	CC LECC T	UAN ON	000	

#### BAUMGARDNER FARMS LLC. HO 119 213 BARRENS VIEW FARM XX 124 82 #PERRYDELL FARM HO 168 149

#### **DELAWARE**

#### Kent

JENAMY FARMS 269 HO 25643 1057 840 GREGG & STEPHANIE KNUTSE 36 HO 23785 935 772 GREGG & STEPHANIE KNUTSE 54 XX 21323 884 717 GREGG & STEPHANIE KNUTSE 18 JE 16537 790 614

#### HERDS WITH A RHA SCC LESS THAN 200,000

**GREGG & STEPHANIE KNUTSEN** HO 172 GREGG & STEPHANIE KNUTSEN XX 189

#### New Castle

HEDDC WITH A DUA	CCC L DCC T	TIAN OO	000	
EMERSON, ROBERT L.	26 XX	16937	800	59
EMERSON, ROBERT L.	213 HO	22450	984	73
EMERSON, ROBERT L.	187 HO	23186	1009	74
UNIVERSITY OF DELAWARE	67 HO	28178	1193	90

HO 193

XX 194 26

### EMERSON, ROBERT L.

UNIVERSITY OF DELAWARE

Sussex				
BAILEY, J. E. & SONS, INC.	269 HO	24071	1009	767
JOHN A. MILLS	156 JE	19107	1009	689
JOHN A. MILLS	155 JE	19058	1008	688
HEATWOLE, JERREL & A	50 HO	19981	799	644

#### HERDS WITH A RHA SCC LESS THAN 200,000 BAILEY, J. E. & SONS, INC.

## **MARYLAND**

**Baltimore** 158 XX 23570 944 784

#### Carroll

COLDSPRINGS FARM	1273 HO	30192	1282	1020
BYRON D. STAMBAUGH	149 HO	27386	1057	818
PEACE & PLENTY FARM	267 HO	25542	996	789
BYRON D. STAMBAUGH	170 HO	26011	1023	788
R.A. BELL & SONS LLC.	145 HO	22433	917	752
MD. LOCUST CREST FARM	55 HO	24533	945	742
CEDAR KNOLL FARMS	221 HO	22504	881	692
CEDAR KNOLL FARMS	221 HO	22496	880	691
BYRON D. STAMBAUGH	21 JE	15792	764	562
	000 I F00 T			

HERDS WITH A RHA SCC LESS THAN 200,000 HO 78 149 HO 79 170 RYRON D STAMBALIGH BYRON D. STAMBAUGH BYRON D. STAMBAUGH 86



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H0 85 82

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JBZDAIRY.COM

HO 183 174 HO 191 43

HO 194 326



R.A. BELL & SONS LLC. COLDSPRINGS FARM MD. LOCUST CREST FARM PEACE & PLENTY FARMS	H0 H0 H0	101 139	145 1273 55 267
~ 47			

Cecil				
WIL-O-MAR FARM	17 XX	23317	873	728

1 / cue/ic	n.					
MERCURO FARM LLC.	44 HO	28434	1335	98		
TEABOW INCORP.	1179 HO	29713	1195	96		
SHAFDON FARMS	348 HO	28847	1211	88		
SHAFDON FARMS	359 HO	28642	1193	87		
MERCURO FARM LLC.	312 HO	24526	1061	84		
MERCURO FARM LLC.	268 HO	23891	1017	81		
CHRIS & JAMIE DERR	73 HO	23853	1095	79		
CHRIS & JAMIE DERR	73 HO	23853	1095	79		
PAUL COBLENTZ & SONS	481 HO	24757	1020	79		
SHAFDON FARMS	13 HO	26893	1033	79		
VENTURE LUCK FARM	109 HO	21458	942	71		
DAVE & CAROLE DOODY	159 HO	22208	900	67		
HERDS WITH A RHA SCC LESS THAN 200,000						

MERCURO FARM LLC.	НО	68	44
MERCURO FARM LLC.	H0	100	312
MERCURO FARM LLC.	Н0	106	268
CHRIS & JAMIE DERR	H0	131	73
CHRIS & JAMIE DERR	Н0	131	73
PAUL COBLENTZ & SONS	Н0	171	481

(	sarrett						
MAF	R-K FARMS	100 HO	29422	1059	94		
HERDS WITH A RHA SCC LESS THAN 200,000							
MAF	R-K FARMS		Н0	150	10		

HERDS WITH A RUA SCC 12.55 THAN 200,000					
AR-K FARMS		Н0	150	10	
Harford					
TDAWDEDDY IIII LEADM	127 110	25755	1000	70	

STRAWBERRY HILL FARM	137 HO	25755	1030	782				
QUIETNESS FARM	41 HO	22483	868	720				
HERDS WITH A RHA SCC LESS THAN 200,000								
QUIETNESS FARM		H0	125	41				
CHRIS DIXON		MS	130	124				
STRAWBERRY HILL FARM		Н0	138	137				

#### Howard

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	DAVID & JAMES PATRICK	124 HO	26450	1131	863		
	UNIVERSITY OF MARYLAND	89 HO	26140	1104	818		
	DAVID & JAMES PATRICK	27 AY	18161	748	598		
HERDS WITH A RHA SCC LESS THAN 200,000							
	DAVID & JAMES PATRICK		AY	71	27		

JATIU	& JAMILJ I ATKICK	LI	м	10101	7 70	J
	HERDS WITH A RHA SCC	LE	SS	THAN 200	,000	
DAVID	& JAMES PATRICK			AY	71	2
DAVID	& JAMES PATRICK			Н0	116	12
	•					

	Kent					
	P. THOMAS MASON	160 HO	28547	1153	89	
	P. THOMAS MASON	993 JE	21364	1009	73	
	P. THOMAS MASON	799 JE	19746	980	70	
	P. THOMAS MASON	17 XX	21210	820	68	
HERDS WITH A RHA SCC LESS THAN 200,000						
	D THOMAS MASON		ПU	114	14	

HERDS WITH A RHA SCC LESS THAN 200,000					
P. THOMAS MASON	H0	116	160		
P. THOMAS MASON	XX	127	17		
P. THOMAS MASON	JE	156	993		
P. THOMAS MASON	JE	164	799		

Q	ue	en	A	nı	ne	's	

LESTER C. JONES, INC.	1659 HO	29274	1376	927
PATTERSON FARMS, INC.	340 HO	25013	1046	808
WINTERSTEIN FARMS LLC.	146 XX	22761	1021	773

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KEVIN LEAVERTON	85 HO	22201	969	755
HERDS WITH A RHA S	CC LESS	THAN 20	0,000	
ALLAN WEAVER		H0	91	74
LESTER C. JONES, INC.		HO	119	1659
KEVIN LEAVERTON		H0	153	85
WINTERSTEIN FARMS LLC.		XX	192	146

#### Talbot

HENRY SNOW III.	22 HO	23529	913	73
HERDS WITH A RHA	SCC LESS T	HAN 200	,000	
HENRY SNOW III.		Н0	161	2
	HERDS WITH A RHA	HERDS WITH A RHA SCC LESS T	HERDS WITH A RHA SCC LESS THAN 200	HERDS WITH A RHA SCC LESS THAN 200,000

#### **Tidewater**

716 HO	25407	909	754
764 HO	24912	899	744
47 JE	17106	739	586
SCC LESS T	HAN 200	,000	
	Н0	187	764
	764 HO 47 JE	SCC LESS THAN 200	764 HO 24912 899 47 JE 17106 739 SCC LESS THAN 200,000

HENDS WITH A KIN SCC LESS II	DAN ZOU	יטטטן		
RICHARD EDWARDS	H0	187	764	
RICHARD EDWARDS	Н0	187	716	
RICHARD EDWARDS	JE	193	47	

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#### Washington

RALPH W. SHANK	15 HO	26620	981	8
BRIAN FORSYTHE	20 HO	24673	1009	81
DEBAUGH FARMS	121 HO	23561	961	7
DEBAUGH FARMS	131 HO	23139	957	7
COOL BROOK FARM	125 XX	21617	887	7
PRYOR BROTHERS	99 XX	22907	914	70
DEBAUGH FARMS	10 JE	18107	911	70
BRIAN FORSYTHE	63 XX	19368	874	6
BRENT HORST	136 HO	21798	975	6
RALPH W. SHANK	124 XX	20372	857	6.
RALPH W. SHANK	75 AY	21179	854	6.
BRIAN FORSYTHE	43 JE	16902	811	64
RALPH W. SHANK	28 JE	15339	796	5
LONG DELITE FARM	59 XX	16907	734	5

LONG DELITE FARM	59 XX	16907	734	567
HERDS WITH A RHA SO	C LESS T	HAN 200	,000	
BRIAN FORSYTHE		HO	101	20
BRIAN FORSYTHE		XX	113	63
BRIAN FORSYTHE		JE	124	43
DEBAUGH FARMS		HO	131	121
DEBAUGH FARMS		H0	134	131
RALPH W. SHANK		HO	141	15
RALPH W. SHANK		JE	178	28
RALPH W. SHANK		XX	188	124
DEBAUGH FARMS		JE	193	10
LONG DELITE FARM		XX	194	59
RALPH W. SHANK		AY	195	75

#### MAINE

#### Androscoggin-Sagadahoc

BRIGEEN FARMS 582 HO 32197 1364 1054 HERDS WITH A RHA SCC LESS THAN 200,000

#### **MASSACHUSETTS**

#### Hampshire

COOK FARM 78 HO 24183 1085 834 HERDS WITH A RHA SCC LESS THAN 200,000

#### **NEW YORK**

#### Cayuga

AURORA RIDGE DAIRY 2661 HO 30674 1258 964 HERDS WITH A RHA SCC LESS THAN 200,000 AURORA RIDGE DAIRY HO 126 2661

#### Chenango

MARSHMAN FARMS 419 HO 27826 1199 871 91 HO 19574 733 580 **EVANS HOLSTEINS** HERDS WITH A RHA SCC LESS THAN 200,000 MARSHMAN FARMS HO 109 419

## Cortland

MCEVOY, CHARLES & KENNET 33 HO 16527 691 516 HERDS WITH A RHA SCC LESS THAN 200,000 MCEVOY, CHARLES & KENNETH

#### Genesee

OAKFIELD CORNERS DAIRY 2601 HO 32291 1401 1041 OAKFIELD CORNERS DAIRY 2 3331 HO 32187 1381 1060 HERDS WITH A RHA SCC LESS THAN 200,000

#### **OAKFIELD CORNERS DAIRY 2** Niagara

LAKESHORE DAIRY LLC. 2077 HO 29447 1315 937

#### HFRDS WITH A RHA SCC LESS THAN 200,000 LAKESHORE DAIRY LLC.

#### Oneida

#### Saratoga

WELCOME STOCK FARM 1004 HO 27075 1264 908

#### Washington

81 HO 17937 727 560

#### Wyoming

WOODVALE FARMS 854 HO 27851 1168 909 HERDS WITH A RHA SCC LESS THAN 200,000

#### OHIO

#### Henry

52 HO 25440 930 794

#### **Holmes**

ROD HUNSBERGER 184 HO 32103 1205 996 88 HO 21878 943 706 DEAN WOLKOLDT 113 HO 21357 942 698 14 XX 17989 850 617 DEAN WOLBOLDT HERDS WITH A RHA SCC LESS THAN 200,000

#### HO 110 184 HO 160 88 ROD HUNSBERGER

DEAN WOLBOLDT HO 199 113

#### Huron

ONEYS MILKY-WAY FARM 603 HO 31007 1248 975

#### Lorain

IALODA FARMS 125 HO 25676 1117 862 HERDS WITH A RHA SCC LESS THAN 200,000 JE 180 **GRIM FAMILY FARM** XX 192 60

### **Paulding**

313 HO 27120 1130 888

#### **Tuscarawas**

STEAM VALLEY FARMS INC. 136 HO. 24925 964 756 HERDS WITH A RHA SCC LESS THAN 200,000

#### Wayne

STERLING HEIGHTS DAIRY 1098 XX 31609 1233 1014 STEINHURST FARMS 730 HO 31075 1239 964 145 HO 26821 1164 912 CANAAN FARMS LLC. 280 HO 29151 1228 889 RUPP-VUE FARM 339 HO 27594 1102 878 ZOLLINGER 114 JE 20411 1104 784 COREY MARTY 258 XX 22906 986 743 RAMSEYER, CHAD 329 JE 18352 1014 714

#### HERDS WITH A RHA SCC LESS THAN 200,000 ZOLLINGER

**GREGG TROYER** HO 110 145 JE 118 329 RAMSEYER, CHAD CANAAN FARMS LLC STERLING HEIGHTS DAIRY XX 179 1098 COREY MARTY XX 184 258 RUPP-VUE FARM HO 195 339

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HO 137 3331

### **OCTOBER 2024**

Kent				
GREGG & STEPHANIE	37 HO	4.3	772	90.
JENAMY FARMS	271 HO	4.5	840	88.
GREGG & STEPHANIE	56 XX	4.4	717	84
GREGG & STEPHANIE	19 JE	4.5	614	69.

<b>A</b> 7	$\sim$ .1
New	Castle

	Sussex				
EI	MERSON, ROBERT L.	23 XX	4.4	597	64.3
[1	NEKSUN, KUBEKI L.	210 NU	4.3	/31	/0.0

195 HO

4.2 909 94.9

UNIVERSITY OF DELAWARE 64 HO

EMERSON, ROBERT L.

78.2
71.4
71.3
67.7

## New Jersey DHIA

## OCTOBER 2024

#### Central Jersey / Hunterdon

HERDS WITH A RI	IA SCC LESS 1	THAN 20	0,000	
WENGRYN, JANET	34 HO	20752	820	640
MIDDLEBUSH FARMS, IN	C. 73 HO	20122	853	640
CEDAR LANE FARM LLC.	17 JE	18118	965	650
CEDAR LANE FARM LLC.	55 HO	30086	1216	890

LIEWDS MILLI W KUW 200 TESS I	NAM ZUU	,000	
CEDAR LANE FARM LLC.	Н0	92	55
CEDAR LANE FARM LLC.	JE	111	17
MIDDLEBUSH FARMS, INC.	H0	122	73
WENGRYN IANET	HO	173	34

Soutl	h Jei	rsev
Duti		

MYERWOOD FARMS	537 HO	28920	1165	89
BEILER, KEVIN	89 HO	26734	1027	83
HERDS WITH A RHA	SCC LESS T	<b>HAN 20</b>	0,000	
MYERWOOD FARMS		Н0	159	53

#### Sussex

LOCKBURNER, MARK F.	57 HO	26522	980	85
KUPERUS MEADOWS	147 HO		950	73
SPRING HOUSE DAIRY	,	18190	826	62
HERDS WITH A RHA			020	UL

HERDS WITH A RHA SCC LESS T	HAN 200	,000	
LOCKBURNER, MARK F.	HO	164	57
SPRING HOUSE DAIRY	XX	167	65

#### Warren

MAKAREVICH FARM 76 HO 29249 1172 908 52 HO 22672 958 714

## Budding drone business could improve small farm pesticide application

ELYRIA, Ohio -- Ethan Moore's drone is a head-turner. Literally.

"People driving by will slow down and then turn around and come back," Moore says. "They all ask, 'Is that what I think it is?""

Yes, it's an impressively large drone. The DJI Agras T40 is equipped with a 40-liter tank, eight propellers, and two spray nozzles. It was designed specifically for agricultural applications. And Moore has built his business around this specialized equipment.

In 2022, Moore launched Lake Erie Drone, LLC, a company offering a new type of pesticide and fungicide application for local farms. His target customers are the smaller farms, less than 100 acres, commonly found in Lorain

County. Most often these farms sit near residential homes, raising issues with crop duster application.

"What's really cool about the drone is that it pushes the chemical into the canopy of the crop," Moore says. "So, it's not drifting off into the environment or toward people's homes."

He adds that the low-altitude application and downdraft produced by the propellers helps the spray hit the lower rungs of the crops, where it's needed most. And, compared to ground rig application, there's no compressing the soil or crushing crop.

"I'm really proud that this business and this service provides local farms with a very high-quality product that's being applied in the most effective and efficient way," he says.

First things first
The idea for Lake Erie Drone
was seeded back in Moore's
high school days. While attending Wellington High School,
Moore, now 22, built a small
drone for an audio/visual class.

"The whole project was really interesting and so cool," Moore says. "That stuck in the back of my head."

At the forefront of Moore's mind, however, was finishing high school with as many college credits as he could. He enrolled in Lorain County Community College's College Credit Plus program and, with the LCCC Wellington Center nearby, maxing out on credits was really convenient.

"I started dabbling with College Credit Plus in my sophomore year, but as that year went on, I could see that earning a degree while in high school was viable," Moore says.

With the exception of band class, Moore took exclusively LCCC classes during his junior and senior years. And when he graduated from Wellington High School in 2019, he earned his associate of science degree from LCCC, too.

"CCP got me started on an adult path when I was younger," he says.

Moore says he knew exactly where that adult path would lead. Even before graduation, he had enrolled in LCCC's nursing program. He was just 17 years old and the first CCP student to do so.

"Nursing is a great profession where you get to help lots of people," Moore says. "And it runs in my family. My mom's a nurse, my grandmother's a nurse, I have uncles and aunts who are nurses."

After earning his associate degree in nursing, Moore began working as a clinical nurse in the intensive care unit at Mercy Health – Lorain Hospital. He also moved right into

LCCC's University Partnership with Ohio University and earned his Bachelor of Science in Nursing by fall 2022. And in fall 2023 he started working toward his Master of Science in Nursing – Nursing Leadership at Case Western Reserve University.

A leap of faith

Most weeks, Moore works three 12-hour shifts in the ICU. His days off belong to Lake Erie Drones. And he had to jump through several regulatory hurdles, involving both the Federal Aviation Association and the Ohio Department of Agriculture, to get to this point.

"It was a pretty big leap of faith," he says. "It was a big upfront investment, and I needed to appeal for all these different certifications."

This fall was Moore's first with an operational business. And he's been busy.

"I've found steady business in Lorain County, and we're providing a service that our farmers are very happy with," Moore says. "And I've met with a lot of the landowners, too."

Moore says some of those generational farmers and landowners have become more than customers. They're now mentors. And they're excited to see someone as young as Moore taking an interest in agriculture.

"There are a lot of people moving out of farming, for one reason or another, and today's farmers are acutely aware of that," Moore says. "So many have brought me under their wing and provided me with resources." They've also provided Moore referrals within their close-knit network. And he hopes their discussions continue to include positive remarks about his business, because as the spraying season winds down, Moore is gearing up for the next phase. Seeding cover crops.

"Cover crops align with sustainable farming," Moore says. "It helps with soil conservation, erosion reduction, and water quality."

Equipped with a seed spreader and having conducted preliminary tests, Moore views this as a natural extension of Lake Erie Drones' agricultural solutions.

"This is just the beginning," he says. More about Lorain County Community College: www.lorainccc.edu



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## WASDE increases forecasts for 2025 milk production and price

USDA reduced its forecast for the 2024 average All-Milk price

by a nickel below the Department's estimate a month ago, at \$22.75 per hundredweight (cwt.). However, USDA raised its 2025 average All-Milk price forecast by a dime to \$22.85 per cwt., according to the World Agricultural Supply and Demand Estimates (WASDE), released last Friday, Nov. 8.

Production into 2025 is revised upward based on faster expected increases in milk output per cow, whereas the estimates just a month ago had reduced 2025 production estimates based on "slow growth in milk output per cow."

Dairy import forecasts -- on a fat and skim basis -- are still estimated to be higher than year-earlier for 2024 and 2025, while dairy export forecasts are mixed.

Butter prices are forecasted lower into 2025, due to what USDA sees as "relatively higher inventories heading into the 2024 holiday season."

Conversely, the cheese price forecast is raised based on "tight inventories in late 2024," the WASDE report stated.

Whey and nonfat dry milk (NFDM) price forecasts through yearend 2024 into 2025 are both raised based on stronger demand from both domestic and international markets, while production and supplies of dry whey and NFDM are not keeping pace with this demand.

Class IV could start to trend lower, while Class III could start to trend higher again, based on these USDA estimates. If these trends are realized, the divergence between the two classes will narrow – just in time for a potential return to the 'higher of' price formula for Class I fluid milk.

Wouldn't it be something to see the past five-plus years of Class I value losses and disorderly marketing under the average-of formula during five-plus years of wide Class III vs. IV price spreads suddenly disappear when the USDA's preliminary decision to restore the 'higher-of' formula goes into effect next year. The invisible hand of the market at work, right? Go figure.

Higher beef cattle prices are forecasted into 2025, which will continue to buttress dairy balance sheets with strong cattle equity value, and bring revenue to farms selling dairy and dairy-on-beef calves as well as cull cows and replacement cattle while increasing the cost of buying replacements for expansion.

The dairy and beef trade have been a bit in the dark about cattle inventory without the midyear July inventory report that Sec. Vilsack canceled this year for "lack of funds," (while pouring billions of dollars into climate projects and such.) The next read the industry will get on U.S. cattle inventory and calf crop,



FEDERAL ORDER	SUP @3.5F, 2.99P (\$/cwt)	Change f/ prior mo	Avg. Pool Test Fat, Protein (%)	Change Fat, Protein f/ prior mo	SUP Value @Test (\$/cwt ) before adjustments	Change f/ prior mo	PPD @base zone	Change f/ prior mo
Florida (FO 6)	26.62	0.4311	3.95, N/A	0.0311, N/A	28.22	0.4611	N/A	N/A
Southeast (FO 7)	25.37	0.3611	4.15, N/A	0.0911, N/A	26.88	0.5511	N/A	N/A
Appalachian (FO 5)	24.62	0.1411	4.09, N/A	0.07ft, N/A	26.35	0.3211	N/A	N/A
Northeast (FO 1)	22.93	0.6411	4.26, 3.27	0.1111, 0.0711	26.24	0.3244	0.08	0.1544
Upper Midwest (FO 30)	22.38	0.7244	4.30, 3.32	0.1211, 0.1111	25.62	0.6911	-0.47	0.2311
Mideast (FO 33)	22.18	0.5411	4.20, 3.30	0.1111, 0.0711	25.40	0.1544	-0.67	0.0544
Southwest (FO 126)	22.02	0.8744	4.36, 3.45	0.1011, 0.0911	25.23	0.9011	-0.83	0.3811
Central (FO 32)	21.68	0.7311	4.19, 3.36	0.1511, 0.0911	25.07	0.1544	-1.17	0.2411
California (FO 51)	21.47	0.9811	4.13, 3.35	0.0611, 0.0411	24.62	0.8744	-1.38	0.4911
*Pacific NW and Arizona	a not available	at press	time					

including breakdowns for dairy replacement heifers, will be Jan. 20, 2025 as the biannual inventory report is now annual because the Secretary says USDA can't afford to do two inventory reports each year, only one.

#### Sharp cheese, butter losses push Oct. SUP lower

Statistical Uniform Prices (SUP) at standardized 3.5 butterfat and 2.99 protein, were lower for October milk across all Federal Orders (FOs), except for the fluid milk markets of the southeastern Federal Orders. That's because the Class I base price for October was based on September's uptrending cheese and butter prices before they turned sharply lower through October.

The chart above shows the SUP by FO at standardized 3.5 butterfat and the SUP at pool test, along with the Producer Price Differential (PPD), which turned increasingly negative. PPD is basically just the SUP minus the Class III price, which was \$22.85 in October. Negative PPDs reflect the amount of producers give back when the pool doesn't balance to cover the classified value of their actual component pounds. For October, butterfat and protein components increased in pounds but decreased in value both because of the lower cheese and butter market as well as the practical gap in pool funds falling short of realizing full value (negative PPD).

Market Administrators enforce payment on pooled producer milk by proprietary handlers at a minimum price that can be higher than the SUPs listed above, based on variables such as actual pounds of components, utilization, and zone differentials. FO minimum prices are enforced at these actual levels, until the pool doesn't balance.

In the Northeast FO (1) for the month of October 2024, the PPD at base zone Suffolk County was \$0.08 per hundredweight

-- the lowest PPD for the entire year of 2024. According to the Northeast Market Administrator's Newsletter, "Approximately, the PPD is the leftover value, if there is any, in the pool after components are paid at the Class III level. In the Northeast Order, PPD values have varied widely with the

lowest PPD at Suffolk County occurring in July 2020 at -\$5.46 per cwt and the highest occurring in August 2022 at \$5.32 per cwt. PPDs can be negative when the value of the total components exceeds the total value of the pool. This is caused by several reasons such as a result of utilization relationships, timing of advanced and Class prices used in FO price formulas, or location of where milk is being marketed."

## Class III milk futures lower, Class IV mixed

Futures market trends were on repeat this week, yet again, with Class III milk futures lower across the board, while Class IV contracts were mixed but mainly weaker.

On Wed., Nov. 13, the Class III milk futures average for the next 12 months (Nov24-Oct25) fell below \$19 at \$18.83 per hundredweight down 32 cents from the 12-month average a week ago and \$1.00 lower than two weeks ago, effectively backing the \$1.00/cwt make allowance confirmed in USDA's final rule Tuesday right out of the Class III futures board for 2025. Class IV futures averaged \$21.07 for the next 12 months, down 18 cents from a week ago.

## Cheese plunges, butter too, powder steady, whey higher

Cheddar cheese spot prices on the CME daily market plunged lower again this week, dragging the Class III futures markets down with them. Butter softened, nonfat dry milk was steady and dry whey moved higher. On Wed., Nov. 13, the 40-lb block cheddar price traded at \$1.69/lb -- down 6 cents per pound from the prior Wednesday with a mere 8 loads trading over 5 days. Pegged at \$1.68/lb, the 500-lb barrel cheese price on the CME daily spot market lost 13 cents per pound vs. week ago with just 3 loads trading in 5 days.

Dry whey added another penny per pound, pegged at \$0.6225/lb, with 7 loads trading. The NDPSR price, used in the pricing formulas continues to sit below 60 cents.

On the Class IV side, spot butter prices on the CME lost a nickel this week, pegged at \$2.63/lb with 8 loads trading. Nonfat dry milk gained was steady, pegged at \$1.39/lb, with 11 loads trading.



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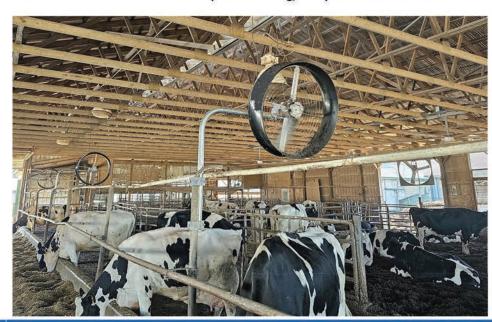
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## Start-up company aims to offer udder stimulation using brushless technology

ITHACA, N.Y. — UdderWays, a start-up company in Albion, Orleans County, N.Y. has been awarded \$500,000 by Empire State Development to help advance its product. They've invented a unique, brushless technology to gently stimulate cows and ensure clean and dry teats. With the startup's patented vortex-style application, farmers can achieve consistent stimulation and effortlessly promote milk letdown.

The money was part of \$3 million in prize money awarded to seven global food, beverage, and agriculture startups. The competition is supported by Upstate Revitalization Initiative and builds on CNY Rising, Finger Lakes Forward and Southern Tier Soaring regional strategies.

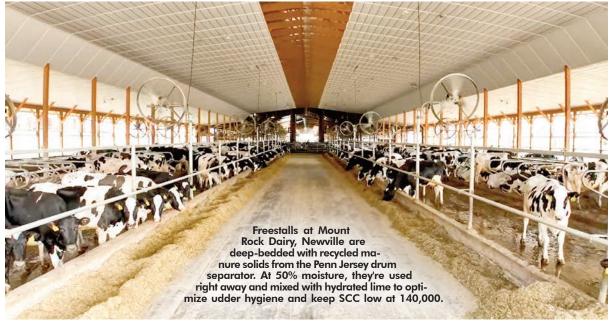
Also awarded \$500,000 was PureNanoTech of Parsippany, N.J. creators of a nanobubble irrigation solution to maximize irrigation performance and optimize energy usage in agriculture, pond and lake restoration, wastewater treatment, and disinfection industries.

The announcements took place at the Grow-NY Summit, a two-day event in Ithaca where finalists pitched their business plans to a panel of expert judges. Each winning team will commit to operating in the region for at least one year, while also providing a modest equity stake to Cornell University, to fund future food and ag entrepreneurship programming. The competition is managed by Cornell University's Center for Regional Economic Advancement.

The grand prize of \$1 million went to Unibaio, a biotechnology start-up based in Argentina. The company's efforts have focused on naturally derived particles that trap the active ingredients of pesticides and fertilizers, enabling them to penetrate plants more efficiently.

Now in its sixth year, the Grow-NY competition attracted 312 applicants from 50 countries along with 89 entries from New York State, with 44% of applicants featuring a female founder and 60% representing a culturally diverse group. The winners will now focus on executing their plans in New York state, fostering job growth and leveraging the regional connections made during the competition.

## Thanks for reading FARMSHINE



## Innovation

\_ from page 7

and silage and alfalfa haylage, they grows high oleic soybeans at Slate Ridge Dairy. "We saw a drastic increase in butterfat percentage," Peckman reports.

On his silage ground, small grains are grown - triticale, wheat, and barley. The barley he harvests after it gets the head, two weeks before it would be a grain harvest, as silage for feeding heifers.

One "big new innovation" he's excited about is male sterile forage sorghum.

"It puts a head on without developing grain in the head," Peckman explains. "This allows the plant to concentrate on putting energy into a plant that is a high sugar crop not a high starch crop. It's very comparable to corn silage. I take a pound of corn silage out of the ration and put a pound of this stuff right in."

He has replaced up to 40% of his corn silage with this particular sorghum silage and would like to get to 50% because "it's a very economical feed to grow, the seed is cheap and inputs are less. It's working well for me, but you have to have a way to harvest it as the BMR forage sorghums don't 'stand' all the way to harvest.

"We started feeding this two years ago, and our components are up."

Another newer crop in Peckman's diversified portfolio is milo, or grain sorghum. He says it's economical to grow and drought resistant, and they have a market for bird seed.

The wheat is grown as a cash crop but it has been fed too. The barley he harvests is a supplement for dry corn, depending on the year. He likes to grow these crops because they make good straw to bed the cows.

Peckman is a big believer in keeping his soil covered at all times, so some of the decisions and rotations are tweaked with weather and calendar. Over the past couple years, he has added a few acres of sunflowers to the crop rotations.

"We can double crop sunflowers after wheat, and there is a viable bird seed market for those," he says.

"Mainly, they are beautiful, and I see people enjoying them. Nobody is paying me for that part of it, but it warms my heart to see neighbors stopping with the families, taking pictures and looking at my flowers. With everything going on in the world today, if I can see someone go out and smile a little, it's worth it."



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## Who will be next Ag Secretary among growing field of 15 candidates?

By SHERRY BUNTING Special for Farmshine

WASHINGTON, D.C. – It has been a little over a week since the election, and it appears that Republicans have control of the Senate and House (by a slim majority) even though some House races have not yet been called, and the Pennsylvania Senate race that has been called for Republican David McCormick may go to a recount if the margin of victory falls below 0.5%.

President-elect Trump has quickly named a number of important cabinet posts, and the agriculture community is abuzz over an expanding list of candidates said to be under consideration for Secretary of Agriculture.

This list includes Congressman Glenn 'G.T.' Thompson, who represents Pennsylvania's 15th legislative district and currently serves as chairman of the House Agriculture Committee. He indicated recently that he feels positive about his chances of getting a new farm bill across the finish line by

the end of the year, with the whole milk bill and Dietary Guidelines reform language intact.

The field of 15 also includes National Milk Producers Federation CEO Gregg Doud. He previously served as the chief ag negotiator with the rank of ambassador in the Office of the U.S. Trade Representative in the previous Trump administration. However, in our view, that's not necessarily the best representation for farmers coming directly from an organization representing cooperative processors, even if Doud merits consideration for other reasons.

Chairman Thompson rises to the top in our estimation here at *Farmshine* for many reasons, not the least of which is his leadership on key issues that are important to rank and file dairy farmers.

#### In fact, as a pick for Ag Secretary, there is no one better.

• G.T. has traveled to nearly every state in the Union to be

face to face with farmers in the farm bill development process. He gets it.

- He has worked on important pieces of the House farm bill in a bipartisan way.
- G.T. has championed the Whole Milk for Healthy Kids Act to overwhelming bipartisan passage in the House.
- He has shown creative and innovative thinking in how to best utilize the IRA funding so it is not forced into the methane climate box but is used to actually support farmers in an ongoing way. He has talked of accountability in the use of these funds, much of which current Secretary Vilsack acknowledged in a House Ag hearing is going toward hiring thousands of new USDA employees and, by extension, employees at the agencies involved in the "climate-smart" projects.

To our thinking, this (Vilsack's way) puts beancounters over bean growers, bureacracy building over boots on the ground farming. We think G.T. is clear-eyed and balanced on this.

Under G.T.'s leadership, a House farm bill with bipartisan contributions was crafted and passed by the House Ag Committee that puts the farm bill emphasis back on farmers. G.T.'s leadership skills and achievements would make him an easy pick for Ag Secretary, in our view.

In addition to G.T. and Doud, the Trump transition team is widely reported to have these other 13 candidates vying for the top ag spot: Sid Miller, Texas Ag Commissioner; Charles Herbster, a fifth generation farmer from Nebraska who previously served as national chair of Trump's Ag and Rural Policy Advisory Committee; Sarah Frey, founder and CEO of a pumpkin and produce operation spanning seven states and advocate on health and nutrition policies; Ray Starling, currently serving as general counsel of the North Carolina Chamber who was previously a special assistant to the president for agriculture, trade and food assistance; Aurelia Skipwith Giacometto, an attorney, businesswoman, and biologist who began her career at Monsanto in 2006 and served as the director of the U.S. Fish and Wildlife Service from 2019-21; Kip Tom, an Indiana crop farmer who served as the U.S. ambassador to the UN Agencies for Food and Agriculture 2019-21; former House Ag Chairman Mike Conaway of Texas, now a private consultant; Zippy Duvall, the current American Farm Bureau Federation president and third-generation farmer from Georgia; Senator Cindy Hyde-Smith, of Mississippi who serves on the Senate Ag, Energy and Appropriations Committees and was an early cosponsor of the whole milk bill; North Dakota Governor Doug Burghum, who briefly ran for the Republican presidential nomination against Trump before campaigning for him and who is also being considered for other cabinet positions; Rep. Thomas Massie of Kentucky, known as a rebel House conservative and a proponent of the benefits of raw milk; Ted McKinney, CEO of the National Association of State Departments of Agriculture who previously worked for Dow AgroSciences and Elanco; and Abel Maldonado, a California Lt. Governor 2010-11 and the oldest son of immigrant field workers and currently owns a vineyard in the Santa Maria area.

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## Spring Run Dairy of New Jersey hosted on-farm tour to build trust in dairy

SYRACUSE, N.Y. – American Dairy Association North East coordinated a Farm to School Summit for New Jersey school nutrition decision-makers, last month, including an on-farm tour to Spring Run Dairy owned by Dan and Sarah Lyness, Pittston, N.J.

The Farm to School program helps students and school nutrition professionals understand where the milk and dairy foods served in school meals comes from and the role local dairy farmers play in sustainably producing these nutritious products.

"Showing decision-makers how food is produced and the dedication of our farmers to their cows, the environment, and their local communities helps builds trust in dairy, secures dairy's place in school meals, and keeps dairy integral to farmto-school programming," said ADA North East CEO John Chrisman. "Having the support of New Jersey Agriculture Secretary Ed Wengryn, along with local, state and regional child nutrition experts shows their commitment to serving milk and

ADA North East created a Farm to School recipe booklet packed with dairy recipes partnered with plant-based foods to help students achieve success by providing balanced nutrition. For example, Apple Yogurt Smoothies or Cheesy Baked Pasta with Veggies are just two available options.

Students not only gain access to healthy, local foods, but ADA North East also offers educational opportunities such as lesson plans and virtual and in-person farm tours to further their understanding.

'The Farm to School program is a great way to build trust in dairy farmers like us," said Sarah Lyness. "Hopefully, this will make them life-long consumers of healthy foods - especially milk and dairy products."

## Dakota Fraley of Muncy, Pa. topped Brown Swiss show

MADISON, Wis. - Dakota Fraley of Muncy, Pennsylvania, topped the International Junior Brown Swiss Show on Wednesday, October 2 at the World Dairy Exposition. His, winner was TwinCounty Famous Diamond, a 4-year old.

Named reserve senior and reserve grand champion was Graystone Kingpin Gitana, owned by Amelia Somers of Walton, N.Y.

The intermediate champion title went to Pit-Crew Phantom Nikita, a junior 2-year-old leased by Allison Foss and owned by Pit-Crew Genetics, Cambridge, Minn. Reserve distinction went to La Rainbow Sweet Sangria-ETV, a summer junior 2year-old owned by Brody Jackson, Blake and Garrett Hill of Cattaraugus, N.Y.

The winning summer yearling, Pit-Crew Collaps Talista, leased by Allison Foss, and owned by Pit-Crew Genetics was named junior champion. The winning winter yearling, M&M Carter Sage, was tapped as reserve junior champion. She is owned by M & M Swiss-Jacobs and Levi Stuessel from Alma Center, Wis.

The official judge, Phillip Topp of Botkins, Ohio, and associate judge, Kaleb Kruse of Dyersville, Iowa, evaluated 158 entries.



Sarah and Dan Lyness of Spring Run Dairy, Pittston, N.J., hosted a farm tour for New Jersey school nutrition decision-makers as part of American Dairy Association North East's Farm to School program.





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# Fresh corn silage analysis includes wider region

WAYNESBORO, Pa. — Cumberland Valley Analytical Services has released its latest nutrient profiles for fresh corn silage harvest this fall in Pennsylvania and New York and surrounding regions.

PENNSYLVANIA	No.	Ave.	St. Dev.	Regional Ave.*
	2024	Corn Silas	ge	
Dry Matter	845	39.5	7.75	39.3
Crude Protein, %DM	839	8.3	0.84	8.3
NDF, %DM	838	35.8	3.96	36.4
12 hr. NDFD, %NDF	737	38.9	3.84	39.0
30 hr. NDFD, %NDF	738	59.2	4.61	59.4
240 hr. NDFD, %NDF	737	71.8	5.89	72.0
Starch, %DM	838	40.0	5.15	38.9
7 Hr. Starch Digestibility, %Starch	738	62.1	7.20	62.3
Milk per Ton	742	3263	255	3262

\*Data represents the average of fresh samples submitted from Delaware, Maryland, New Jersey, Ohio, Pennsylvania, Virginia and West Virginia.

NEW YORK	No.	Ave.	St. Dev.	Regional Ave.**
	2024	Corn Sila	ge	
Dry Matter	11.08	38.5	6.81	38.4
Crude Protein, %DM	1064	7.2	0.99	7.2
NDF, %DM	1061	36.0	3.76	36.0
12 hr. NDFD, %NDF	1008	37.6	3.22	37.7
30 hr. NDFD, %NDF	1012	56.9	3.90	56.9
240 hr. NDFD, %NDF	1001	69.1	4.86	69.1
Starch, %DM	1061	40.3	4.88	40.2
7 Hr. Starch Digestibility, %Starch	1016	63.0	4.60	63.2
Milk per Ton	1014	3245	282	3247

\*\*Data represents the average of fresh samples submitted from Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island and Vermont.



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# USDA to start national H5N1 testing at dairy plants

By SHERRY BUNTING **Special for Farmshine** 

HARRISBURG, Pa. - USDA is set to amend the Spring order on transportation testing to include a new National Bulk Milk Testing (NBMT) program for H5N1 in dairy cattle, which will be patterned off the former Brucellosis strategy.

This will be a regionally tiered approach, testing samples from processing plants, to assess where the virus is at this time, according to Dr. Kellie Hough, USDA district emergency coordinator.

"Depending on the results, we will then drill down to the state level and to the farm level, if necessary, to attempt to eradicate this," she said.

Federal and state agencies will work with affected facilities to enhance their biosecurity levels and restrict animal movements.

This is in addition to the ongoing multistate silo milk testing surveillance program that Pennsylvania is part of already. In that program, processors provide blinded samples from bulk milk silos, according to their own cadence of frequency, said Pennsylvania State Veterinarian Alex Hamberg.

Hough and Hamberg gave updates on the Center for Dairy Excellence monthly industry call on Wednesday, Nov. 13.

"We supply processors with everything they need to send these samples, and the only information going to the NVSL network laboratory is the date of sample collection and the states represented by the milk in the silo at the time of the sample collection. This helps show we are clear of the virus and helps build a baseline," said Hamberg.

He said states are having ongoing discussions with USDA about what federal surveillance will look like under the NBMT. He stressed that the virus can be found in milk samples two to three weeks before clinical infection.

"If we can identify every farm infected

right now, then we can contain this thing right now and make this virus extinct to never be seen again," Hamberg urged. "But if we continue to avoid early identification, we could be stuck with it for as long as it wants to stick around."

Dairy farmers have been slow to sign on to voluntary bulk tank testing at the farm level, with only 61 herds enrolled nationally, six in Pennsylvania.

Mandatory testing is currently being done in Massachusetts, Colorado, Oklahoma, Arkansas and California. For the latter, it only began after the spread of H5N1 had escalated among dairy herds and poultry flocks in the Golden State.

During the past 30 days, there were 188 new herd detections of H5N1 nationally. Of those, 173 were in California, one in Idaho, and 15 in Utah. The Golden State has had H5N1 detections in 278 dairies to-date, with more tests pending, and this represents more than half of the 492 cases across 15 states since the start of the outbreak in Texas last March.

Hamberg said dairies saw a 50% herd turnover within three months of infection in states that have contended with H5N1 in cattle. This is presumed to be a combination of cattle culling as well as some mortalities. Owners of infected herds also report struggling to regain their prior herd production per cow and seeing prolonged elevation in somatic cell counts.

"They are getting slammed in California," said Hamberg. "It is not a good situation. The dairy industry is suffering, and the poultry industry is suffering. If they had had good participation in voluntary testing beforehand, they may have been able to stamp it out before it spread like this."

He sees this as particularly important for Pennsylvania. "Our state is more dense than California, where it is spreading like wildfire," he said. "In Lancaster County we have dairy on top of dairy on top of poultry on top of pigs. If we find this in an early stage, we can stamp it out quickly and contain it before it spreads all over the place."

There is no evidence yet that the cattle strain of H5N1 has taken up residence in migratory bird populations or any other wildlife reservoir, but the cattle strain is being found in domestic poultry flocks.

On the human side, Dr. Miriam Wamsley, Pennsylvania Department of Health epidemiologist reported there have been 36 confirmed human cases across the U.S. of the H5N1 strain found in cattle. Some have been dairy workers, others poultry workers. The cases have been mild, marked by conjunctivitis (pinkeye). Blood samples collected from workers recently in Michigan and Colorado showed employees previously had it without knowing it.

Wamsley, urged seasonal flu shots, especially

for anyone exposed to cattle and poultry: "Flu season is here. If you would contract them simultaneously, there is the possibility of the two (viruses) mixing in the human body to create a new strain, and at the same time, the combination can make a person very sick."

Pennsylvania has been hit with a series of new avian influenza infections in poultry flocks. The H5 strain in Venango County is the poultry strain active in the migratory bird population, not the cattle strain.

Likewise, the recent news of a teenager in British Columbia, Canada, hospitalized in critical condition, as well as the first pig detected with bird flu in Oregon, were confirmed to have the strain that is active in migratory bird populations, not the cattle strain.

Hough reported that USDA is clearing the path to test four vaccine candidates for dairy cattle.



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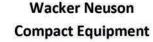
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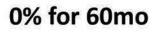
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- Reg. 2 yr. GW Atwood due 12-1-24 to King Doc. Dam EX-90 Goldchip 3 yr. 27,979 61038 F 846 P. 2nd dam VG-88 Doorman 3 yr. 365 30,651 4.6 1437 3.7 1161. 3rd dam EX-91. 4th Dam VG-86.
- Reg. 2 yr. King Doc due 12-15 to Sidekick. Dam VG-86 Dempsey 2 yr. 363 25,198 4.6 1179 3.3 847. 2nd dam EX-92 3-02 365 38,196 4.3 1697 3.3 1294. 3rd dam EX-94. 4th dam EX-93.
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- Reg. 3 yr. Jersey, Casino dau., fresh, 10-8, 72 lbs. 7.0 F 3.0 P. Her 9-22-23 heifer by Sparty sells.
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JUNEAU, Wis. – Have a unique idea to share the story of modern dairy production? An existing dairy exhibit or project that needs updating? A youth education program that needs a little extra support? A project to improve water quality, soil health or sustainability in your area?

Dairy's Foundation, the only public-held national foundation supporting dairy education and initiatives across the entire dairy industry food chain, is seeking applications for grants for up to \$10,000. The next application deadline is Dec. 1, 2024, with applications accepted from across the United States. Nonprofits and organizations developing new programs to build the skills of students or dairy producers or increase public trust in the people and products of dairy are encouraged to apply.

Recent grants have supported museum exhibits on dairy, public outreach programs at fairs and farm expos, youth dairy training programs and contests, and much more.

Dairy's Foundation strives to identify emerging educational needs and help fill gaps in funding for new or innovative programs. Since 2010, Dairy's Foundation has awarded more than \$335,000 in grants to support vital programs that equip the dairy

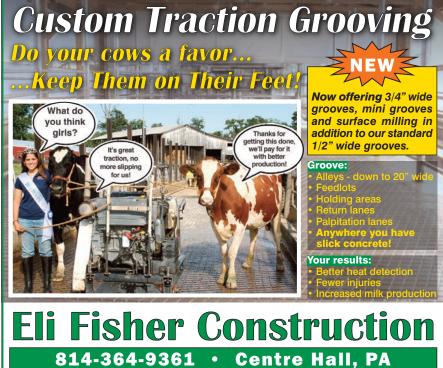
community with the latest tools and resources to be effective managers, leaders and ambassadors of dairy to their neighbors in rural and urban settings.

Grant criteria and guidelines can be found at www.DairyFoundation.org/grant-seekers/. Applications will be reviewed by an independent grant-selection committee. Organizations with a tax status of 501(c)(3) or (5)

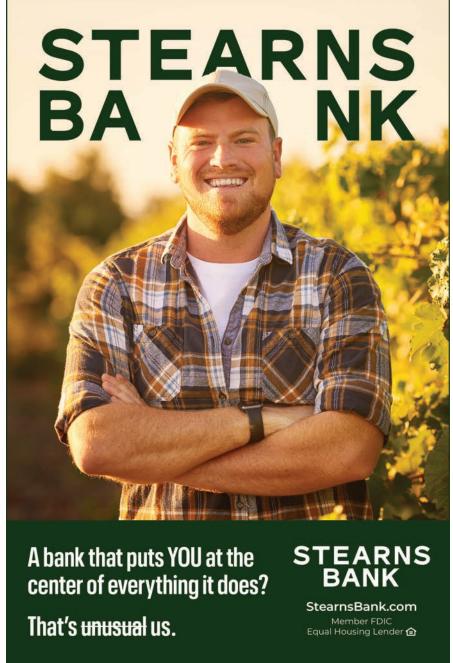


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All prices — NOV. 13, 2024 — except where noted

Providing clear expectations: When most producers think about and go, the expectations may managing risks on their dairy, they think about milk price and margins, change based on the interpreweather and crop loss risks, animal health issues, and maybe even farm tation of the person explainsafety concerns. They don't always think about how to manage against the risk of losing a key employee on the farm to another opportunity. While employee turnover happens in every business, sometimes it's because an employee feels lost, confused, or like they can't succeed in the role. Some frustration could be remedied by setting clear expectations for each employee on your dairy. During the Managing Essentials for Dairy Success Workshop hosted by Penn State and the Center, dairy managers learned how to provide clear expectations. With so many farms struggling with protocol drift, the information is helpful to anyone who is struggling with managing employees on the farm.

A recent Gallup poll supports the need to set clear expectations, reporting that clearly outlined expectations can reduce employee turnover by 22%. The same poll shows that clear expectations lead to a 29% decrease in safety incidents. Setting clear expectations for your employees can also help enhance productivity on your farm, reduce conflicts that can arise, and increase overall job satisfaction. Most of us want to know we're doing a good job. If expectations are constantly changing or are confusing, it can lead to frustration for employee and employer.

Everyone's ability to interpret a role or set of tasks is different based on their own perception and level of understanding. Providing clearly written job descriptions and well developed standard operating procedures (or protocols) can bring clarity to the confusion and close communication gaps between the employer and employee. Language and comprehension barriers can prevent an employee from clearly understanding what your expectations are. Different learning styles can also limit an employee's ability to understand expectations.

Three ways you can provide clear expectations to an employee are by providing a detailed job description for each position on the farm, developing clearly written protocols and procedures for every task on the farm, and taking the time to do regular one on ones and team meetings.

1) Clearly written job descriptions. Most farms do not have job descriptions for the different positions on the farm. Most of the time, employees are trained by another employee who walks them through the tasks and verbally explains what they should do. As employees come

Prices change daily. This market information is an example for educational purposes. market data shown below are compiled weekly by Farmshine, via CME & USDA reports.

ing the role. A job description provides in writing what that employee is expected to do,

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what tasks are involved in the position, and what skills and education are required for the role. Job descriptions should also be reviewed and rewritten as job expectations change.

JAYNE SEBRIGHT

2) Well developed SOPs and farm protocols. On farms where the same person milks every day and the same person feeds calves every day, having written protocols for those tasks may not be as important. But what happens if that person leaves or if that person gets sick? Writing protocols out for each job on the farm helps provide consistency in your operation, which provides many benefits including increased productivity and efficiency. If you have multiple milkers, take a little time to study how each one preps and milks the cows. I would not be surprised if you find every person does it a bit differently. If you have steps you want them to follow clearly written out, there is less room for interpretation and procedure drift. Remember, too, that some of your employees may not comprehend things the way you do, so providing photos with instructions can make it easier for employees to understand.

3) Regular one-on-ones and team meetings. Most farmers are "getit-done" type of people, so the idea of a lot of meetings doesn't sound appealing. However, taking the time to meet with your employees individually gives them the opportunity to ask questions and provide feedback on where they are struggling. It can also help you provide more clarity around expectations. One on ones do not need to be super structured. It can simply be a 15-minute discussion where you ask what they are feeling good about, what is challenging them, what they need more clarity on, and how you can better support them as their boss. You can use the same four questions in a team meeting, and their collective feedback can help you better clarify your expectations.

Penn State Extension has many resources to help farms manage employees. One is a job description generator found at extension.psu.edu/ job-description-generator-for-the-dairy-industry. The National FARM Program also has resources available at nationaldairyfarm.com/training-resources/hr-and-safety-management-resources/. Employee turnover can be frustrating and difficult to work through. Taking steps to provide clear expectations can help protect your dairy from that risk.

## Penn State to air funding webinar

UNIVERSITY PARK, Pa. — Penn State Extension will offer a funding opportunities webinar for farmers on Thursday, November 21, at noon. The webinar is free but pre-registration is required. Register ASAP, as space is limited to 500 participants.

Participants will learn how to connect with technical assistance providers to enhance farm operations through the Agricultural Innovation Grant, which aims to implement new technologies, conservation, and renewable energy projects. The Farm Vitality Grant will also be discussed, offering financial support for business planning, ownership transitions, and long-term farm sustainability. Additional state-level funding opportunities will be reviewed, and a Q&A session will be held to address participant questions.

Registered participants will receive a recording. You can register at the following website: www.bit.ly/funding1121. Any questions about this webinar can be directed to Tom Beresnyak at teb119@psu.edu

# Markets

#### Morrison's Cove Auction

November 11, 2024 280 Alfalfa 235-260 Grass Round hales 90-170

#### Wolgemuth Auction

November 11, 2024 165-375 Mixed hay 125-445 Timothy 275-295 110-380 Grass 100-170 Straw 200-440 Orchard Corn fodder

Dewart, Pa.

#### Dewart Auction

November 11, 2024 Cattle: 174 Slaughter cattle Steers: Select 151 Heifers: Choice Slaughter cows: PrmWht 65-75% lean113-125 Breakers 75-80% lean 114-134 Boners 80-85% lean 108-119 Lean 85-90% lean 85-108 Slauahter bulls 109-140 Feeder cattle: Steers: M/L-1-2 195-230 Heifers: M/L-1-2140-175 Bulls: M/L-1-2 147-207 Calves: 373 Feeder calves: 500-690 425-575 200-250 #2 Hol bulls #3 Hol bulls Hol heifers

### Hosking Sales

New Berlin, N.Y. November 11, 2024 Dairy cows .90-1.20 Bone utility Canners & cutters 1.08 & down Organic bulls/steers 1.65 Maiden heifers 1.17-1.47 Feeders: .55-1.40 1.10-1.57 Bulls .95-2.00 Heifers 1.57-2.07 Calves: top 6.35

#### Morrison's Cove

Martinsburg, Pa. November 11, 2024

310013.	
Choice	175-180
Good	125-165
Heifers:	
Choice	174-178
Good	130-170
Cows:	
Util/Commercial	105-118
Can/LoCut	70-110
Bulls Y/G #1	115-142
Feeder cattle:	
Steers	115-207
Bulls	100-205
Heifers	110-217
Calves: 97	
Standard	100-200
Hol bulls	300-600
Hol heifers	250-600
	250 000

#### New Holland Auction

New Holland, Pa. November 11, 2024 Cattle: 1456 Slaughter cattle HiCho & Prm 190-207 167.50-189 Choice 120-147.50 Select Holstein steers: HiCho & Prm 130-144 Choice 112.50-122.50 Select Heifers 172.50-195 HiCho & Prm 140-157.50 Choice 112.50-125 Slauahter cows Breakers 75-80% lean 110-135.50 Boners 80-85% lean 70-100 Slaughter dairy cows: Breakers 75-80% lean 110-124 Boners 80-85% lean 90-110 Lean 85-90% lean 62.50-95 Bulls: 155-185 1-2 Dairy bulls 120-160 Calves: 804 525-650 #1 Hol bulls 400-525 #2 Hol bulls #3 Hol bulls Hillity hulls 70-1300 #1 Hol heifers 425-660 #2 Hol heifers Utility heifers

#### Wyalusing Livestock

	ing, Pa.
Novembe	r 11, 2024
Bulls	1.25-1.75
Cows:	
Fat	.95-1.15
Good	.7595
Lean	.4590
Holstein calves:	
70-89 lbs.	2.50-5.25
90-110 lbs.	3.50-4.90
Feeder cattle:	
200-300 lbs.	1.50-2.25
301-500 lbs.	1.50-2.25
501-700 lbs.	1.25-1.90
701-900 lbs.	1.20-1.90

eta	19.97	18.70	18.78	18.92	18.98	18.54		18.61	18.56	18.65	18	3.89	18.82	ļļ.
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BUTTER	21.05	21.13	21.29	21.15	21.30	21.20	21.00	21.00	20.84	20.93	21	.10	20.96	MIXED
	SIS (MAILBOX m													
	<b>20.58</b> 20.17 <b>19.07</b> 19.07													
BASIS	1.51 1.10					.50 1.33 0								
A	CORN FUTU	( - /	,											
	DEC-24	MAR-25	MAY-25	JUL-25	SEP-25				JUL-26				EC-27	TREND
W	4.264	4.374	4.442	4.474	4.364	4.402	4.512	4.574	4.610	4.484	4.4	90 4	.640	11
	SOYMEAL FU DEC-24	JAN-25	MAR-25	MAY-25	JUL-25	AUG-25	SEP-25	0CT-25	DEC-25	JAN-26	S MAR	.26 N	//AY-26	TREND
	291.6	294.0	298.1	302.2	306.2		307.3	306.3		309.2			310.6	IKEND
BERTON CONTRACT						P - Source: US						,. <del></del> J	10.0	**
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	254.92 24	3.50 238.5	60 217.82	240.41 23	1.70 254	.85 224.50	205.02 2	20.17 17	75.00 211	.69 185	5.21 196	6.44 19	99.57 * <b>2</b>	06.63
	CIAL GROSS MA													
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ALL MILK 19	9.30 17.90	17.40	19.70 21.	00 21.60	21.70	20.60 20	0.10 20.60	20.70	20.50	22.00	22.80	22.80	23.60	25.50 11
FFFD C 4/		13.88	13.24 12.	56 12.16	12.12	12.16 11	1.62 11.16	11.05	10.90	11.48	11.14	10.47	9.88	9.93 11
DAIRY COM Weighted A NEXT GDT A ALL-PROI	Avg. 1 to 6 mo. F AUCTION 11/19/ DUCT INDEX 1.3	ORWARD COM /24 8135 11 <b>4.8</b> %	NTRACTS per n SKIM POV BUTTER CHEDDAR	netric ton conve VDER (SMP) 1. 3. R(BULK) 2.	erted to \$/L .2931†† 4. .1715†† 8. .2563†† 4.	.0% NFDM .3% BUTTER .0% CHEDDAI	ev. 5 day Lds S 11 1 8 2.	pot price We 3900↓↓ 1.3 6300↓↓ 2.6	ekly Avg FM 8967↑↑ NF 8242↓↓ BL	DM JTTER	15.3 1.3 2.8 2.7	ED AVG \$ 3600 11 7144 11	*U.S. Wee averaged to used in FN	kly NDPSR is for the Month & IMO formulas.
Weighted A NEXT GDT A ALL-PROD MILKFAT (A	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1.4 MF) 3.4 LK POWDER 1.4	ORWARD COM /24 8135	NTRACTS per n SKIM POV BUTTER CHEDDAF MOZZARE	netric ton conve VDER (SMP) 1. 3. R(BULK) 2.	erted to \$/L .2931↑↑ 4. .1715↑↑ 8. .2563↑↑ 4. .0902↑↑ 0.	B Pre 0% NFDM 3% BUTTER 0% CHEDDAI 9% CHEDDAF 4% DRY WHE	ev. 5 day Lds S 11 1. 8 2. R-40 9 1. R-500 3 1. EY 7 0.	pot price We 3900 ↓↓ 1.3 6300 ↓↓ 2.6 6900 ↓↓ 1.7 6800 ↓↓ 1.6 6225 ↑↑ 0.6	9867↑↑ NF 8967↑↑ NF 8242↓↓ BU 7058↓↓ CH 8842↓↓ CH 8242↑↑ DF	MO PROD MI FDM JTTER IEESE-40 IEESE-500 RY WHEY	15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5	ED AVG \$ 3600 ↑↑ 7144 ↑↑ 9951 ↓↓ 0039 ↓↓ 5834 ↑↑	*U.S. Wee averaged to used in FN *NEW! U ALL-MIL FL \$27.0 SE \$27.1	kly NDPSR is for the Month & MMO formulas. SDA *JUL-24* K BF *MAILBOX 10 3.84 \$25.34 10 3.84 \$25.09
DAIRY CON Weighted A NEXT GDT A ALL-PROE MILKFAT (A BUTTERMII LACTOSE	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1.4 MF) 3.4 LK POWDER 1.0 0.3 JNCED FEDER	ORWARD COM /24 8135 11 4.8% 4292 11 4.6% 4691 11 2.1% 3824 11 6.1% RAL ORDER	NTRACTS per n SKIM POW 6 BUTTER 6 CHEDDAR 6 MOZZARE 6 WHOLE PO	METRIC TON CONVEY  MOER (SMP) 1. 3.  R(BULK) 2.  LLA (BULK) 2.  WDER (WMP) 1.	erted to \$/L .2931	B Pre .0% NFDM .3% BUTTER .0% CHEDDAI .9% CHEDDAI .4% DRY WHE	ev. 5 day Lds S 11 1 8 2 R-40 9 1 R-500 3 1 EY 7 0	pot price We 3900 ↓↓ 1.3 6300 ↓↓ 2.6 6900 ↓↓ 1.7 6800 ↓↓ 1.6 6225↑↑ 0.6	9842↓↓ CH 6842↓↓ CH 6242↑↑ DF 7058↓↓ CH 6842↓↓ CH 6242↑↑ DF	MO PROD MI FDM JITTER JEESE-40 JEESE-500 RY WHEY (\$/LB) * = *	15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5	ED AVG \$ 3600 11 7144 11 9951 11 0039 11 5834 11	*U.S. Wee averaged is used in FIV *NEW! U ALL-MIL FL \$27.0 SE \$27.1 APP \$26.7 PAwestern PA N.ENG \$23.9	kky NDPSR is for the Month & 1MO formulas. SDA *JUL-24* K BF *MAILBOX 10 3.84 \$25.34 10 3.84 \$25.09 10 3.93 \$23.89 10 10 4.07 \$22.98
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DAIRY CON Weighted A NEXT GDT A ALL-PROE MILKFAT (A BUTTERMII LACTOSE ANNOL CL I AD 22.53(NO 23.17	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1.4 MMF) 3.4 LK POWDER 1.4 0.3  UNCED FEDEI VII CL IIII DV) 21.01(oct	0RWARD CON /24 8135 11 4.8% 4292 11 4.6% 4691 11 2.1% 8824 11 6.1% RAL ORDER CL III 11 7) 22.85(001 23.34	NTRACTS per nr SKIM POV BUTTER CHEDDAR MOZZARE WHOLE PO  R PRICES (\$ CL IV \$\frac{1}{2}\$ T) 20.90(oct) NNTH AGO 22.29	metric ton conve VDER (SMP) 1. 3. (BULK) 2. LLA (BULK) 2. WDER (WMP) 1. S/CWT) NAS ALL-MILK-L 25.50 (SE 23.60 4.0	erted to \$/L.2931↑↑ 42931↑↑ 41715↑↑ 82563↑↑ 40902↑↑ 06846↑↑ 4. S ALL-MII J.S ALL-MI EP)↑↑ 25.7 4.116	B Pre 0.0% NFDM 3.3% BUTTER 0.0% CHEDDAI 9% CHEDDAI 4% DRY WHE  LK CU	9.5 day Lds S 11 1. 8 2. R-40 9 3 1. R-500 3 1. EY 7 0. RERENT FEDI EIGHTED AVG. DUCT VALUEESE 2.240	pot price We 3900 JJ 1.3   5300 JJ 2.6   6900 JJ 1.7   6800 JJ 1.6   6225 TT 0.6   ERAL ORDE   4-WK OCT 1   E MAKE AL   00 0.2003   01 0.1715   03 0.1678	Pekily Avg 196711	MO PROD MI FIDM  ITTER  IEESE-40  IEESE-500  RY WHEY  (\$/LB) * = *  * OO  COM  PROT  B.FAT	15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5 NEW  CT. 2024  PONENTS 3.323	88 11	*U.S. Wee averaged in FN *NEW! U ALL-MIL FL \$27.C SE \$27.1 APP \$26.7 NENG \$23.9 IN \$23.9 IN \$23.9 NY \$23.6 MO N/A OH \$23.4 PAeast \$23.1 CA \$22.1	kly NDPSR is for the Month & M
DAIRY CON Weighted J NEXT GDT J ALL-PROI MILKFAT (A BUTTERMII LACTOSE ANNOL CL I AD 22.53(NO 23.17	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1. IMF) 3. LK POWDER 1. O.:  UNCED FEDEI VII CL IIII DV) 21.01(0CT  22.40  21.95  U.S. AVG. BI	ORWARD COM /24 8135 ft 4.8% 4499 ft 4.6% 4499 ft 2.1% 3824 H 6.1% CL IIIH CL	NTRACTS per nr SKIM POV BUTTER CHEDDAR MOZZARE WHOLEPO  R PRICES (S CL IV J T) 20.90(0CT) DNTH AGO 22.29 AR AGO 21.49  HEIFERS (3r	metric ton conve VDER (SMP) 1. 3. (RBULK) 2. LLLA (BULK) 2. WDER (WMP) 1. S/CWT) NAS ALL-MILK-L 25.50 (SE 23.60 4.0	erted to \$/L.2931↑↑ 4.12931↑↑ 4.1715↑↑ 8. 22563↑↑ 4.0902↑↑ 0.6846↑↑ 4. SALL-MII  J.S. ALL-MII  J.S. ALL-MII  P)↑↑ 25.7 4.116  24.10  85 21.50  86 21.50  87 21.50  88 21.50	B Pre 0.% NFDM 3.0% CHEDDAI 9.9% CHEDDAI 4.4% DRY WHE  LK CU ILK-PA PRO 0.(SEP) 11 CHE 0.4.00F BUT 1 NFD 0.4.00F DRY 1 NFD 0.4.01F DRY 1 NFD 0.4.01F DRY 1 Pro 0.4.01F DRY 1 P	RENT FEDI EIGHTED AVG. DUCT VALUE EESE 2.240 WHEY 0.558	pot price We 3900 JJ 1.3   3900 JJ 1.3   5300 JJ 2.6   5900 JJ 1.7   5800 JJ 1.6   5225 TT 0.6   ERAL ORDE   4-WK OCT 1   E MAKE AL   00 0.2003   01 0.1715   03 0.1678   08 0.1991   ational Dairy	Rekly Avg   FM   NF   S242   J   Cr   Cr   Cr   Cr   Cr   Cr   Cr	MO PROD MI  DM  JITTER  IEESE-40  IEESE-500  RY WHEY  (\$/LB)*=*  * 00  COM  PROT  B.FAT  ↑ N.FAT  ↑ OTHER  Sive Report	IL LBS WII 15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5 *NEW CT. 2024 PONENTS 3.323 3.085 1.162 0.375	ED AVG \$ 3600 ↑↑ 7144 ↑↑ 9951 ↓↓ 90039 ↓↓ 5834 ↑↑  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	*U.S. Wee averaged i used in FN  *NEW! U *ALL-MIL FL \$27.C \$SE \$27.1 APP \$26.7 PAWestern PS  NY \$23.6 NN \$23.9 NN \$23.6 NO N/A OH \$23.4 U.S. \$22.6 MM \$22.6	kly NDPSR is for the Month & M
DAIRY CON Weighted J NEXT GDT J ALL-PROI MILKFAT (A BUTTERMII LACTOSE ANNOL CL I AD 22.53(NO 23.17	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1.4 IMF) LIK POWDER 1.0.3  UNCED FEDEI VII CL IIII DV) 21.01(oct 22.40  U.S. AVG. BI SEP-23 0	ORWARD COM /24 8135 1† 4.8% 4499 2† 1 4.6% 4691 1† 2.1% 3824 1 6.1% RAL ORDER CL III 1 1) 22.85(001) 	NTRACTS per nr SKIM POV SKIM POV CHAPTER	metric ton conve VDER (SMP) 1. 3. (RBULK) 2. LLIA (BULK) 2. WDER (WMP) 1. S/CWT) NAS ALL-MILK-L 23.60 4.0 21.00 4.0 d trimester) p.	erted to \$/L.2931↑↑ 42931↑↑ 41715↑↑ 829563↑↑ 40902↑↑ 06846↑↑ 4S ALL-MII  J.S A	B Pre 0% NFDM 3% BUTTER 0% CHEDDAI 4% DRY WHE  LK CU ILK-PA *WI 0(SEP) 11 PRO 6	ev. 5 day Lds S 11 1. 8 2. R-40 9 1. R-500 3 1. EY 7 0. REENT FEDI EIGHTED AVG. DUCT VALU EESE 2.240 TER 2.719 DM 1.342 WHEY 0.558 DA Monthly NA. R-24 MAY-24	pot price We 3900 JJ 1.3   3900 JJ 1.3   6300 JJ 2.6   6900 JJ 1.6   6925 TT 0.6   ERAL ORDE   4-WK OCT 1   E MAKE AL   00 0.2003   01 0.1715   03 0.1678   04 0.1991   05 0.101	Rekly Avg   FM   NF   1242   1	MO PROD MI  DM  ITTER  IEESE-40  IEESE-500  RY WHEY  (\$/LB)* = *  * OC  COM  PROT  B.FAT  ↑↑ OTHER  sive Report  UG-24 SE	ILLBS WIT 15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5 *NEW CT. 2024 PONENTS 3.323 3.085 1.162 0.375	ED AVG \$ 3600 ↑↑ 7144 ↑↑ 9951 ↓↓ 9039 ↓↓ 5834 ↑↑  S 88 ↑↑ 61 ↓↓ 88 ↑↑ 60 ↑↑	*U.S. Wee averaged i used in FN  *NEW! U ALL-MIL FS = \$27.5 SE \$27.1 APP \$26.7 APP \$26.7 APP \$23.9 NY \$23.8 NY \$23.8 NY \$23.8 MO N/A OOH \$23.8 IL \$22.9 MI \$22.9 MIN \$22.6 TX \$23.7 FO30 \$22.5 WIN \$22.6 FO30 \$22.5	kly NDPSR is for the Month & M
DAIRY CON Weighted I NEXT GDT I ALL-PROI MILKFAT (A BUTTERMII LACTOSE ANNOL CL I AD 22.53(NO 23.17	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1.  (N)  (N)  (N)  (N)  (N)  (N)  (N)  (N	ORWARD COM /24 8135 1† 4.8% 4492 1† 4.6% 4492 1† 2.1% 8824 1 6.1% RAL ORDER CL III 1 ) 22.85(oct 23.34	SKIM POV SKIM POV SKIM POV SKIM POV CHEBODAR MOZZARE WHOLEPO R PRICES (\$ CL IV II T) 20.90(oct) DNTH AGO 22.29 AR AGO 21.49 HEIFERS (3n V-23 DEC-2 108 N/A S per head as	metric ton conve VDER (SMP) 1. 3. R(BULK) 2. LLA (BULK) 2. WDER (WMP) 1. S/CWT) NAS ALL-MILK-L 25.50 (SE 23.60 4.0 21.00 4.0 d trimester) p. 23 JAN-24 1635 reported by Us	erted to \$/L .2931 † 1 .2931 † 1 .1715 † 1 .2563 † 1 .0902 † 1 .06846 † 1 .S ALL-MII J.S ALL-MII .P) † 25.7( 4.11f .09F 24.10 .08F 21.5( .09F 24.10 .08F 21.5( .09F 24.10 .08F 21.5( .09F 24.10 .00F 2	B Pre 0.0% NFDM 3.3% BUTTER 0.0% CHEDDAI 9% CHEDDAI 9% CHEDDAI 0.0% CHEDDAI 0.0% CHEDDAI 0.0% CHEDDAI 0.0% DRY	P. S day Lds S 11 1 8 2 8 2 8 4 2 8 5 2 8 6 2 8 7 7 0 8 7 7 0 8 8 2 8 8 2 8 8 2 8 9 1	pot price We 3900 J 1.3 65300 J 1.3 65300 J 1.3 65300 J 1.6 6225 T 0.6 ERAL ORDE 4-WK OCT 1 E MAKE AL 10 0.2003 D 1.7 15 3 0.1678 8 0.1991 citonal Dairy July-24 2016 sive Report	Bekily Avg 196711	MO PROD MIDDM JITTER JITTER JIEESE-40 JIEESE-500 PY WHEY  (\$/LB)*=* *00 COM PROT H B.FAT T N.FAT T OTHER Sive Report UG-24 SE N/A 2	11.185 WTI 15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5 *NEW CT. 2024 PONENTS 3.323 3.085 1.162: 0.375 EP-24 *C	ED AVG \$ 3600 ↑↑ 7144 ↑↑ 9951 ↓↓ 9039 ↓↓ 5834 ↑↑  S 88 ↑↑ 61 ↓↓ 8↑ 100↑↑  OCT-24 N/A	*U.S. Wee averaged I used in FM  "MEW! U ALL-MIL FL \$2.7. SE \$2.7.1 APP \$26.7 PAwestern PA NENG \$23.5 NY \$23.6 NO NIA OH \$23.4 PAesst \$23.1 L \$22.6 MI \$23.2 MI \$23.5 FO30 \$22.6 WI \$21.6 WI \$21.6 WI \$21.6 WI \$21.6 WI \$21.6	kdy NDPSR is for the Month & M
DAIRY CON Weighted I NEXT GDT I ALL-PROI MILKFAT (A BUTTERMII LACTOSE ANNOL CL I AD 22.53(NO 23.17	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1. INF)	ORWARD COM /24 81351† 4.8% 42921† 4.6% 4691†† 2.1% 8824 11 6.1% RAL ORDER CL III 11 ) 22.85(oct 23.34	NTRACTS per nr SKIM POV SKIM POV BUTTER CHEDDAR MOZZARE WHOLEPO  R PRICES (3 CL IV 1 T) 20.90(oct) NNTH AGO 22.29 AR AGO 21.49 HEIFERS (3n V-23 DEC-2 T) DEC-2 S per head as	metric ton convey VDER (SMP) 1. 3. (IBULK) 2. LLA (BULK) 2. WDER (WMP) 1. 5/CWT) NAS ALL-MILK-L 25.50 SE 4.15F 23.60 4.0 21.00 4.0 d trimester) po 1635 reported by US 1792	erted to \$/L .2931 † 1 .2931 † 1 .1715 † 1 .2053 † 1 .0902 † 1 .6846 † 1 .58 ALL-MII J.S ALL-MII J.S ALL-MII J.S ALL-MII DISP 24.10	B	8. 5 day Lds S 11 1. 8 2. R-40 9 3 1. R-500 3 1. EY 7 0. RERENT FEDI EIGHTED AVG. DUCT VALU EESE 2.240 TTER 2.719 DM 1.342 WHEY 0.558 DA Monthly Na -24 MAY-24 A 2115 ry Comprehen 20 2254	pot price We 3900 J 1.3   5300 J 1.3   5300 J 2.6   5900 J 1.7   5800 J 1.6   5225 T 0.6   ERAL ORDE   4-WK OCT 1   E MAKE AL   00 0.2003   0.1715   13 0.1678   18 0.1991   1010-24   2016   Sive Report   1624	Pekily Avg 196711	MO PROD MI DM JITTER JEESE-40 JEESE-500 RY WHEY  (\$/LB)*=* *00 COM PROT ↓↓ B.FAT ↑↑ N.FAT ↑↑ OTHER Sive Report UG-24 SE N/A 2  N/A 2	11.18 WII 15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5 *NEW CT. 2024 IPONENTS 3.323 3.085 1.162: 0.375	ED AVG \$ 8600 ↑↑ 7144↑↑ 90951↓↓ 9039↓↓ 5834↑↑  S 8↑↑ 11↓↓ 8↑↑ 100↑↑  OCT-24 N/A	*U.S. Wee averaged i used in FIV ALL-MIL FIX SE \$27.1 APP \$26.7 PAWestern PA NENG \$23.9 IN \$23.6 NY \$23.6 NO NIA OH \$23.4 PAeast \$23.1 IL \$22.6 U.S. \$22.6 MI \$23.2 MI \$23.2 MI \$23.2 MI \$23.6 MI \$23.2 MI \$23.6 MI \$23.2 MI \$23.6 M	kly NDPSR is for the Month & M
DAIRY CON Weighted NEXT GDT /A ALL-PROI MILKFAT (A BUTTERMIL LACTOSE  ANNOL 22.53 (NC 23.17 19.75	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1. IMF) 3. LK POWDER 1. 0.3  JNCED FEDEI VII CL II II DV) 21.01(oct 22.40  21.95  U.S. AVG. BI SEP-23 0 1500 1 U.S. AVG. BI 1643 1  CATTLE - DAII *MILK COWS	ORWARD COM /24 8135 ft 4.8% 4492 ft 4.6% 4492 ft 4.6% 4691 ft 2.1% 3824 ll 6.1% RAL ORDER CL III ll ) 22.85(0ct	SKIM POV SKIM POV CHARLES (SCIN) CL IV JJ TO 20.90(OCT) DYTH AGO 21.49  HEIFERS (3r V-23 DEC-2 108 N/A S per head as S per head as S per head as S (\$\( \) HD) US Avg.   FRES	metric ton convey VDER (SMP) 1. 3. (RBULK) 2. LLIA (BULK) 2. LLIA (BULK) 2. WDER (WMP) 1. SCOWT) NAS ALL-MILK-L 25.50 (SE 4.19F 23.60 4.0 d trimester) pr 23 JAN-24 1635 reported by US 1792 DA and other E H HEIFE	erted to \$/L. 2931 † 1 4. 2931 † 1 4. 1715 † 1 8. 2956 † 1 4. 0902 † 1 0. 6846 † 1 4.  S ALL-MII  J.S ALL-MII	B Pre 0% NFDM 3.3% BUTTER 0.0% CHEDDAI 4% DRY WHE  LK CU ILK-PA PRO 0.(SEP) 11 CHE 0 4.00F BUT 0.00 4.00F BUT 0.00 4.01F DRYM eported by USI IAR-24 APR N/A N// y National Dain N/A 212 dwest auction ing Bred	RRENT FEDI EIGHTED AVG. DUCT VALUE EESE 2.240 TTER 2.719 DM 1.342 WHEY 0.558 DA Monthly NA. R-24 MAY-24 A 2115 ry Comprehen DUCT Comprehens COMPAN COMPRESSION OF THE COMPRESSION OF THE COMPRESSION OF THE COMPRESSION OF T	pot price We 3900 JJ 1.3 6300 JJ 2.6 6990 JJ 1.7 6800 JJ 1.6 6225 TT 0.6 ERAL ORDE 4-WK OCT 1 E MAKE AL 00 0.2003 DT 0.1715 DT	Rekly Avg   FM   NF   1967   11   11   11   11   11   11   11	MO PROD MI  DM  ITTER IEESE-40 IEESE-500 RY WHEY  (\$/LB)*=* **00  COM  PROT  B.FAT  ↑↑ OTHER  sive Report  UG-24 SE  N/A 2  Age as of N  600-900 Ib	ILLBS WIT 15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5 *NEW CT. 2024 PONENTS 3.323 3.085 1.162 0.375 EP-24 *C 2800 OV. 1, 202 s Beef X	ED AVG \$ 3600 †† 7144 †† 7144 †† 90951 ‡‡ 90039 ‡‡ 5834 ††  S 18 †† 11 ‡‡ 8 †† 10 ††  DCT-24 N/A N/A 24 ( 900-1100	*U.S. Wee averaged i used in FN ALL-MIL FL \$27.6 SE \$27.1 APP \$26.7 APP \$26.7 APP \$28.6 NY \$23.8 NY \$23.8 NY \$23.8 MO N/A ON/A ON/A ON/A ON/A ON/A ON/A ON/A O	kly NDPSR is for the Month & M
DAIRY CON Weighted NEXT GDT /A ALL-PROI MILKFAT (A BUTTERMIL LACTOSE  ANNOL 22.53 (NC 23.17 19.75	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1. IMF) 3. LK POWDER 1. 0.3  JNCED FEDEI VII CL II II DV) 21.01(oct 22.40  21.95  U.S. AVG. BI SEP-23 0 1500 1 U.S. AVG. BI 1643 1  CATTLE - DAII *MILK COWS	ORWARD COM /24 8135 ft 4.8% 4492 ft 4.6% 4492 ft 4.6% 4691 ft 2.1% 3824 ll 6.1% RAL ORDER CL III ll ) 22.85(0ct	SKIM POV SKIM POV CHARLES (SCIN) CL IV JJ TO 20.90(OCT) DYTH AGO 21.49  HEIFERS (3r V-23 DEC-2 108 N/A S per head as S per head as S per head as S (\$\( \) HD) US Avg.   FRES	metric ton convey VDER (SMP) 1. 3. (RBULK) 2. LLIA (BULK) 2. LLIA (BULK) 2. WDER (WMP) 1. SCOWT) NAS ALL-MILK-L 25.50 (SE 4.19F 23.60 4.0 d trimester) pr 23 JAN-24 1635 reported by US 1792 DA and other E H HEIFE	erted to \$/L. 2931 † 1 4. 2931 † 1 4. 1715 † 1 8. 2956 † 1 4. 0902 † 1 0. 6846 † 1 4.  S ALL-MII  J.S ALL-MII	B Pre 0% NFDM 3.3% BUTTER 0.0% CHEDDAI 4% DRY WHE  LK CU ILK-PA PRO 0.(SEP) 11 CHE 0 4.00F BUT 0.00 4.00F BUT 0.00 4.01F DRYM eported by USI IAR-24 APR N/A N// y National Dain N/A 212 dwest auction ing Bred	RRENT FEDI EIGHTED AVG. DUCT VALUE EESE 2.240 TTER 2.719 DM 1.342 WHEY 0.558 DA Monthly NA. R-24 MAY-24 A 2115 ry Comprehen DUCT Comprehens COMPAN COMPRESSION OF THE COMPRESSION OF THE COMPRESSION OF THE COMPRESSION OF T	pot price We 3900 JJ 1.3 6300 JJ 2.6 6990 JJ 1.7 6800 JJ 1.6 6225 TT 0.6 ERAL ORDE 4-WK OCT 1 E MAKE AL 00 0.2003 DT 0.1715 DT	Rekly Avg   FM   NF   1967   11   11   11   11   11   11   11	MO PROD MI  DM  ITTER IEESE-40 IEESE-500 RY WHEY  (\$/LB)*=* **00  COM  PROT  B.FAT  ↑↑ OTHER  sive Report  UG-24 SE  N/A 2  Age as of N  600-900 Ib	ILLBS WIT 15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5 *NEW CT. 2024 PONENTS 3.323 3.085 1.162 0.375 EP-24 *C 2800 OV. 1, 202 s Beef X	ED AVG \$ 3600 †† 7144 †† 7144 †† 90951 ‡‡ 90039 ‡‡ 5834 ††  S 18 †† 11 ‡‡ 8 †† 10 ††  DCT-24 N/A N/A 24 ( 900-1100	*U.S. Wee averaged i used in FN ALL-MIL FL \$27.6 SE \$27.1 APP \$26.7 APP \$26.7 APP \$26.7 APP \$25.0 NY \$23.8 NO N/A N/A NO N	kly NDPSR is for the Month & M
DAIRY CON Weighted NEXT GDT / ALL-PROI MILKFAT BUTTERMIN LACTOSE  ANNOL 22.53 (NC 23.17 19.75	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1.  (0.3 LK POWDER 1.  (0.4  (1.4	ORWARD COM //24 8135   1 4.8% 4492   1 1 4.6% 4492   1 1 4.6% 4691   1 2.1% 824   1 6.1% RAL ORDER CL             22.85       23.34	RESEARCH STATE OF THE PRICES (\$ CL IV \$\frac{1}{2}\$ CL IV \$1	metric ton convey VDER (SMP) 1. 3. (RBULK) 2. LLIA (BULK) 2. LLIA (BULK) 2. WDER (WMP) 1. S/CWT) NAS ALL-MILK-L 25.50 (SE 4.19F 23.60 4.0 d trimester) pr 23 JAN-24 1635 reported by US 1792 DA and other E H HEIFE	erted to \$/L. 2931 † 1 4. 2931 † 1 4. 1715 † 1 8. 2956 † 1 4. 0902 † 1 0. 6846 † 1 4.  S ALL-MII  J.S ALL-MII	B Pre 0% NFDM 3.3% BUTTER 0.0% CHEDDAI 4% DRY WHE  LK CU ILK-PA PRO 0.(SEP) 11 CHE 0 4.00F BUT 0.00 4.00F BUT 0.00 4.01F DRYM eported by USI IAR-24 APR N/A N// y National Dain N/A 212 dwest auction ing Bred	RRENT FEDI EIGHTED AVG. DUCT VALUE EESE 2.240 TTER 2.719 DM 1.342 WHEY 0.558 DA Monthly NA. R-24 MAY-24 A 2115 ry Comprehen DUCT Comprehens COMPAN COMPRESSION OF THE COMPRESSION OF THE COMPRESSION OF THE COMPRESSION OF T	pot price We 3900 JJ 1.3 6300 JJ 2.6 6990 JJ 1.7 6800 JJ 1.6 6225 TT 0.6 ERAL ORDE 4-WK OCT 1 E MAKE AL 00 0.2003 DT 0.1715 DT	Rekly Avg   FM   NF   1967   11   11   11   11   11   11   11	MO PROD MI  DM  ITTER IEESE-40 IEESE-500 RY WHEY  (\$/LB)*=* **00  COM  PROT  B.FAT  ↑↑ OTHER  sive Report  UG-24 SE  N/A 2  Age as of N  600-900 Ib	ILLBS WIT 15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5 *NEW CT. 2024 PONENTS 3.323 3.085 1.162 0.375 EP-24 *C 2800 OV. 1, 202 s Beef X	ED AVG \$ 3600 †† 7144 †† 7144 †† 90951 ‡‡ 90039 ‡‡ 5834 ††  S 18 †† 11 ‡‡ 8 †† 10 ††  OCT-24 N/A  N/A 24 ( 900-1100	*U.S. Wee averaged i used in FN ALL-MIL FL \$27.6 SE \$27.1 APP \$26.7 APP \$26.7 APP \$26.7 APP \$25.0 NY \$23.8 NO N/A N/A NO N	kly NDPSR is for the Month & M
DAIRY CON Weighted NEXT GDT /A ALL-PROI MILKFAT (A BUTTERMII LACTOSE  ANNOL 22.53 (NC	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1. INF) 3. LIK POWDER 1. 0.3  JNCED FEDEI VII CL IIII DV) 21.01(oct 22.40  21.95  U.S. AVG. BI SEP-23 01 1500 1 U.S. AVG. M 1643 1  *MILK COWS *\$2600 SEP-2 \$1850 SEP-2 PA Auction M	ORWARD COM /24 8135 1† 4.8% 4492 1† 4.6% 4492 1† 1.1% 824 11 6.1% RAL ORDER CL III 11 ) 22.85(oct 23.34	VITRACTS per nr   SKIM POV	metric ton convey VDER (SMP) 1. 3. R(BULK) 2. LLA (BULK) 2. WDER (WMP) 1. 5/CWT) NAS ALL-MILK-L 25.50 (SE 4.15F 23.60 4.0 21.00 4.0 d trimester) po 23. JAN-24 1635 reported by U3 1792 DA and other IH HEIFE	erted to \$/L. 29311↑ 4. 17151↑ 8. 17151↑ 8. 190921↑ 0. 16846↑↑ 4. 17151↑ 8.	B	RENT FEDI EIGHTED AVG. DUCT VALUE EESE 2.240 TTER 2.719 DM 1.342 WHEY 0.558 DA Monthly NA24 MAY-24 A 2115 TY Comprehen Treports comb Beef x OP 2200 RA AGO 1400	pot price We 3900 JJ 1.3   3900 JJ 1.3   6300 JJ 2.6   6900 JJ 1.6   6225 TT 0.6   ERAL ORDE   4-WK OCT 1   E MAKE AL   00 0.2003   01 0.1715   3 0.1678   8 0.1991   ational Dairy   JUN-24   2016   sive Report   1624   ined 4-week   EN: 300-600   1200   650   Hol	Rekly Avg   FM   NF   S242   1   Cr   Cr   Cr   Cr   Cr   Cr   Cr	MO PROD MIDM JTHER JEESE-40 JEESE-500 LY WHEY  (\$/LB) * = * * OO  COM  H PROT TO THER JOHN A 2  N/A 2  Rage as of No 600-900 lb 1400  1000  ef-X-Dairy	15.3 1.3 2.8 2.7 11.2 1.9 13.7 2.0 4.8 0.5 *NEW CT. 2024 (PONENTS 3.323 3.085 1.162: 0.375  EP-24 *C 2800  OV. 1, 202 S Beef X N/A N/A WK A	ED AVG \$ 3600 ↑↑ 7144 ↑↑ 9951 ↓↓ 9951 ↓↓ 9039 ↓↓ 5834 ↑↑  S 88 ↑↑ 61 ↓↓ 8↑ 100 ↑↑  OCT-24 N/A N/A 24 ( 900-1100 200 AGO	*U.S. Wee averaged i used in FM  "MEW! U ALL-MIL FL \$2.7. SE \$2.7. APP \$26.7 PAwestern PP NENG \$23. NY \$23.6 NO NIA OH \$23.4 PAesas \$23. NY \$23.6 N	kdy NDPSR is for the Month & M
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DAIRY CON Weighted J. NEXT GDT /A ALL-PROI MILKFAT (A BUTTERMIL LACTOSE  ANNOL 22.53 (NC	Avg. 1 to 6 mo. E AUCTION 11/19/ DUCT INDEX 1. IMF) 1. IK POWDER 1. O.:  JNCED FEDEI VII CL IIII OV) 21.01(OCT  22.40  21.95  U.S. AVG. BI SEP-23 0 IU.S. AVG. BI SEP-24 0 IU.S. AVG. BI SEP-25 0 IU.S. AVG. BI SEP-26 0 IU.S. AVG. BI SEP-27 0 IU.S. AVG. BI SEP-28 0 IU.S. AVG. BI SEP-29 0 IU.S. AVG. BI SEP-29 0 IU.S. AVG. BI SEP-20 0 IU.S. AVG. BI SEP-21 0 IU.S. AVG. BI SEP-23 0 IU.S. AVG. BI SEP-24 0 IU.S. AVG. BI SEP-25 0 IU.S. AVG. BI SEP-26 0 IU.S. AVG. BI SEP-27 0 IU.S. AVG. BI SEP-28 0 IU.S. AVG. BI SEP-29 0 IU.S. AVG. BI SEP-29 0 IU.S. AVG. BI SEP-29 0 IU.S. AVG. BI SEP-20 0 IU.S. AVG. B	ORWARD CON /24 8135 1† 4.8% 4492 1† 4.6% 4492 1† 4.6% 4492 1† 2.1% 3824 1 6.1% ARAL ORDER CL III 1 1 22.85 (oct. 23.34	NTRACTS perm   SKIM POV	metric ton convey VDER (SMP) 1. 3. (RBULK) 2. LLLA (BULK) 2. LLLA (BULK) 2. WDER (WMP) 1. S/CWT) NAS ALL-MILK-L 25.50 (SE 23.60 4.0 21.00 4.0 d trimester) pr 23 JAN-24 1635 reported by US 1792 DA and other E H HEIFE 10 VEWEIGHT LETS Lean 511 109.61	erted to \$/L .2931 † 1 .2931 † 1 .1715 † 1 .2563 † 1 .0902 † 1 .06846 † 1 .0902 † 1 .05 ALL-MII  J.S ALL-MII	B Pre 0.% INFOM 3.% CHEDDAI 9.% CHEDDAI 4.% DRY WHE LK CU LIK-PA PRO 0.(SEP) 11 CHE 0.4.00F BUT NFD 0.4.00F BUT NFD 0.4.00F DRY VEPORTED BY N/A N/A N/A N/A N/A N/A N/A N/A 1.00F 1.	RESE 2.24CTER 2.719  MAY-22  MAY-22  MAY-22  MAY-22  MAY-22  MAY-24  MAY-25  MAY-25  MAY-25  MAY-26  MAY-26  MAY-27  MAY-26  MAY-27  MAY-26  MAY-27  MAY-28  MAY-28  MAY-29  M	Pot price   We   South   1.3	Rekly Avg 1967 11 NF 1	MO PROD MIDDM JTHER JEESE-40 JEESE-500 RY WHEY  (\$/LB)*=* *00 COM JPROT JB.FAT TT N.FAT TT OTHER SIVE REPORT UG-24 SE N/A 2 N/A 2 Rage as of No 600-900 Ib. 1400 1000 ef-X-Dairy O TEST 25.00 TT 75.00 TT	ILLBS WITH 15.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	S	*U.S. Wee averaged i used in FM  *MEW/ U ALL-MIL FL \$27.0 SE \$27.1 APP \$26.5 PAwestern PP NENG \$23.5 IN \$23.5 NY \$23.6 N	kdy NDPSR is for the Month & M

CME DAILY FUTURES & OPTIONS TRADING - NOV. 13, 2024 AT THE CLOSE

NOV-24 DEC-24 JAN-25 FEB-25 MAR-25 APR-25 MAY-25 JUN-25 JUL-25 AUG-25 SEP-25 OCT-25 TREND

CLASS III MILK FUTURES (\$/CWT) vs. wk ago: Nov24 firm; rest of Class III milk futures board fully \$0.25-\$0.50 lower across the board for second consecutive week. 12-Month Avg. 18.83 \[ \]

# Classifieds

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**ING.** Weaned calves to calving. 19 years experience. Modern housing, free stalls, 10 BROWN ROAD, SHIPPENSBURG, PA Thursday, November 21 @ **10 A.M. Eday sale** Special Thanksgiving Dairy Cow & Heifer OU Man stud **★ CONSIGN OR BUY THE TOP COW AND GET A FREE TURKEY!!!** 

- \* Antrim-Way Farms herd dispersal! They are letting us handpick the top cows out of a 59-cow Holstein herd! A closed herd for 10 years, AI sired using Select Sires bulls including Dante, Dragonheart, Handcock, Highlite and others. Well framed w/good udders, feet, and legs. 22,202 RHA 4.3F 3.5P and low SCC. On DHIA test with many young cows! Herd is on a good vac. and hoof trimming program. The herd is owned by Keith Grove who will be 60 in Dec. and is ready to retire, making this opportunity to add his best cows to your herd!
- st Good selection of fresh cows out of some good local herds!
- **★ VG-88 2nd lac., Absolute-Red daughter sells fresh in 2nd lac.!** 3-02 305 20,944 4.4F 3.7P, dam EX-93 4-05 365 42,480 3.4F 3.1P! Mgd EX-90,2E x 4th dam EX-97 Harvue Roy Frosty!! Multiple show winner and Voted All-World Holstein Int'l 2010! (Pictured below.) Next 5 dams VG or EX with records up to 38,000! Potential EX!!
- **★** 8 fresh & fancy Holsteins out of one top herd, freestall/parlor trained!
- ★ Brandt-View sends 4 fresh and fancy cows w/ deep ped. & genomics, A2/A2, and milking well!!
- ★ 7 Jersey dry cows, A.I. sired, due in Dec. and January.
- **★** Expecting a good selection of heifers from calves to close springers! Many A.I. sired with several Registered.
- ★ 12 Reg. heifers with great ped's! 9 preg. and due from Dec. to June 2025!
- **★ 8-10 BREEDING AGE BULLS SELL, OUT OF GOOD PEDIGREES!**
- ★ Breeder box, thaw cup, cutter and 2 guns. Also heifer breeding record wheel w/100 pins in mint condition! Several buckets and bucket holders.
- ★ Semen selling; including some older, hard to find Elevation, Valient Rockie, Enhancer, Elevation Tony, 2 Ivanhoe ampules, 3 Kingpin ampules, sexed Energy, Honour, Donzino, Artisian Hype-Red, Redlight, Hanans, sexed Jagger & Barbwire-Red, Lineback and more! Bring your tank to the sale!

**NOTE**: Overstocked? Fancy fresh cows, and all sizes of heifers, are in high demand! **Looking for that special cow or just need some good** replacements? You will want to see the impressive lineup of Registered & grade cattle for this sale!! All cattle vet checked and vaccinated. Trucking available. Milk cows will be tested for interstate shipping Friday.

Can't make the sale? You can now participate online at 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

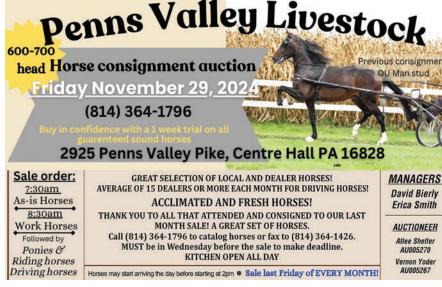




Ivan Brubacker 717-414-6657

**Pedigrees** Art Kling

Join us for our 'Spo December 19th, 2024 at 10:00 a.m.



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## DAIRY COW & HEIFER SALE

**WEDNESDAY, NOV. 20<sup>™</sup> • 10:30 A.M.** 

All quality cows and heifers are welcome!

Mature cows milking 100+ lbs. are in demand. All sizes of open & bred Holstein 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.

- Wednesday, Nov. 27th. Special Thanksgiving Dairy Sale. FREE turkey for all buyers.
- NO cattle or calf sale on Thursday, Nov. 28th (Thanksgiving Day).

Sale Managed By

New Holland Sales Stables, Inc.

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

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

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

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