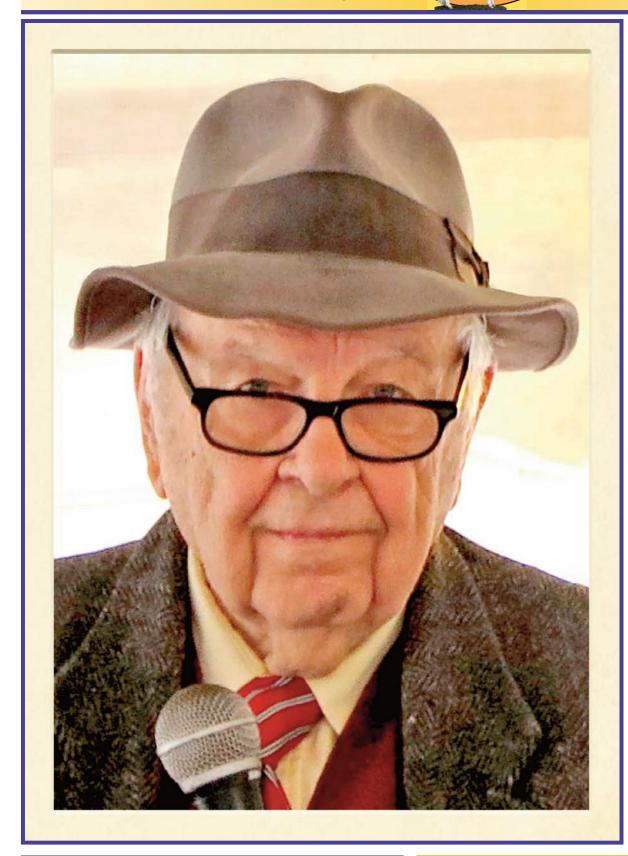


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October 25, 2024



Horace

December 26, 1927 — October 22, 2024

By DIETER KRIEG Farmshine Editor

In the dairy world, his name is as universally known as the name "Elvis" is in the history of music. True of both, there was only one.

Horace Backus, passed away on Tuesday, October 22. Born on December 26, 1927, he was in his 97th year of life on Earth. Now, he is with his Saviour and beloved family members who preceded him in the ultimate journey.

The last time I visited with Horace was on June 17, 2023, from 2:37 to 4:57 p.m. at the Legacy at Grande 'Vie rest home in Penfield, N.Y. The obligatory visitor's tag that I placed on my shirt became part of my notes. The 140 minutes I spent with him were soul-touchingly priceless.

Horace was alone in his room, sitting in front of a small TV that was about six feet directly in front of him. But whatever program was on, it no longer held his attention. His head was bowed. He was asleep.

The attendant at the rest home who granted me access through the locked door gently awakened him. "Mr. Backus, you have company."

Horace opened his eyes and immediately recognized me. A welcoming, happy smile accompanied his greeting: "Dieter, it's so good to see you!" His very distinct baritone voice hadn't changed a bit. I smiled and was immensely grateful to see him in such good shape. After all, he was already in his 96th year. He asked me to take a chair and then we talked and talked.

Despite the depressing surroundings of an "old folks home," the time I spent with Horace that afternoon ranks among the most memorable of my 50 years as a farm reporter/editor. I can't think of a more profound interview, visit or event. I felt very privileged and thankful.

However, a "close second" to the gratitude that I felt had occurred a few years prior; on October 6, 2016, to be exact.

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for more milk. We saw better first lactation performance in our 2-yr-olds with a 3 to 4 pound production increase at 14 DIM, and a reduced SCC for the group," says Keith Beer, Beer Cattle Co., Berne, Indiana, calving 250 heifers monthly. "We love how easy it is to do this in the parlor or pens."

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Farmers be warned:

U.S. treasury law targets ownership

WASHINGTON, D.C. — Time is running out for thousands of farmers who may face steep fines and possible jail time for failing to file their businesses with the federal government. So warns the American Farm Bureay Federation (AFBF).

Jan. 1, 2025, is the deadline to file Beneficial Ownership Information (BOI) with the U.S. Department of Treasury's Financial Crimes Enforcement Network (FinCEN). New analysis in a Market Intel by American Farm Bureau Federation economists shows more than 230,000 farms are required to file, but government data indicates less than 11% of all eligible businesses nationwide have done so.

The Corporate Transparency Act of 2021 required businesses to register any "beneficial owner" of a company in an effort to combat money laundering. Many farms are structured as either a c-corporation, s-corporation or limited liability company (LLC), which are now required to be registered if they employ fewer than 20 employees or receive under \$5 million in cash receipts — which covers the vast majority of farms.

"The use of LLCs is an important tool for many farms to keep personal and business assets separated, but small businesses often lack the staff to track and stay in compliance with changing rules and regulations," said AFBF President Zippy Duvall. "It's clear that many farmers aren't aware of the new filing requirement. Unclear guidance and lack of public outreach are now putting thousands of America's farmers at risk of violating federal law."

Businesses that fail to file, or do not update records when needed, could face criminal fines up to \$10,000 and additional civil penalties of up to \$591 per day. Failure to file could also lead to felony charges and up to two years in prison.

"The greater farm economy will also be impacted by CTA requirements," AFBF economists write. "Many feed and supply stores, crop marketers like grain elevators and the greater rural business community are also likely required to file their BOI and subject to penalties if they do not comply. The regulatory burdens and potential enforcement crackdowns could have ripple effects throughout the entire food, fiber and fuel supply chains."

Farmers are encouraged to contact an accountant or attorney if they are unsure whether they are required to file their business's BOI with FinCEN.



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Implementation to include food supply leverage

Dietary Guidelines Committee slices dairy some more

By SHERRY BUNTING Special for Farmshine

WASHINGTON, D.C. – This week is National School Lunch Week, and on Oct. 22 while USDA Secretary Tom Vilsack kicked off the so-called "largest federal-led summit in support of healthy school meals" in Las Vegas, the 2025-30 Dietary Guidelines Advisory Committee (DGAC) met publicly by zoom to gamble away the nutrients children need for the development of their brains, bodies and long-term health.

This was the seventh and final meeting of the DGAC after 22 months of subcommittee meetings and periodic full committee meetings, yielding a draft "scientific report" that is increasingly vegetarian.

Its recommendations to USDA and HHS are to develop 2025-30 Guidelines that significantly decrease the role of nutrient dense animal foods, even though they spent the first hour of the 12-hour, two-day virtual meeting puzzling over how to solve the nutrient deficiencies in their analysis.

The recommendations merge the three current DGA patterns (Vegetarian, Mediterranean and Healthy U.S.) into one dietary pattern with a draft name of "Healthy Flex U.S. Diet." The flexibility part, according to the DGAC discussion, is the 'how much' and 'how to', which relies on 'food pattern mod-

eling' and more specific strategies on how to replace animal based foods with plant based foods.

The DGAC aims to improve its poor performance on the under-consumed nutrients by "including more nutrient-dense plant-based meal and dietary recommendation options" in its advice for 2025-30 Dietary Guidelines.

The draft advice aims to continue to "emphasize consumption of low-fat or non-fat dairy and unsaturated fats; limit consumption of red or processed meats and foods high in saturated fat; and limit foods like sweetened beverages."

Some committee members raised the con-

cern that further addressing one problem (fat, salt, and sugar) leads to other problems in other areas (under-consumption of key nutrients, over-consumption of carbohydrates, and impacts on metabolic health).

In fact, while the DGAC was meeting, the first ever Change the Dietary Guidelines protest drew hundreds of people to the nation's capitol -- under the leadership of Nina Teicholz, author of *The Big Fat Surprise*, and others -- to proclaim a metabolic revolution and tell the Administration to "STOP FEED-ING US LIES."

Meanwhile, in the meeting, at least one DGAC member at the end of the first day

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The choice between two Americas

By FRANKLIN GRAHAM Originally written for AMAC Magazine

For over 50 years, it has been my privilege to personally know every president of the United States of America. Six of them have been Republicans; four of them have been Democrats. I am registered to vote as an independent, and I write this as a private citizen who is concerned about the direction of our country.

Being an independent does not mean that I don't have strong convictions about the critical issues facing our nation and world. For me, it means that I don't blindly vote for any party or person.

Following the example of those who signed our founding Declaration of Independence, I support candidates and positions consistent with the purpose of our Creator, by whom we "are endowed \dots with certain unalienable Rights," including "Life, Liberty and the pursuit of Happiness."

I don't know of a time in my life when these rights have been in greater jeopardy than they are in this election. Not only the rhetoric but, more importantly, the track records of those campaigning for our votes could not offer a starker contrast for our future.

Headlines in the mainstream media declare that the current national Democratic ticket is the most radically progressive in our history. In my estimation, however, it represents nothing other than anti-God socialism that will fleece American citizens of even more of our hard-won freedoms and hard-earned dollars. And most Democratic candidates in state and local races are supporting the same positions.



Franklin Graham

Republican positions at the national, state and local levels-while not perfectreflect a greater commitment to those founding ideals of life and liberty. They defend religious freedom, including for followers of the Lord Jesus Christ; protect the unborn; support our military and law enforcement; stand by the nation of Israel without hedging or wavering; guard our borders and national security; favor a conservative judiciary; and promote fiscal re-

In short, they more clearly respect and promote the aspiration expressed by Presi-

dent Abraham Lincoln in his Gettysburg Address, "that this nation, under God, shall have a new birth of freedom" with "government of the people, by the people, for the people."

These few days before this year's election are a time for us to prayerfully evaluate what kind of country we will leave to our children and grandchildren.

Will it be an America that is sound, solid, safe, and unashamed of its founding Christian principles? An America that the world looks to as a leader and a standard-setter? Will we choose an America where religious liberty, freedom of speech, and rights of conscience are celebrated and not cancelled?

Or will it be an America that is weak and decaying from within, throwing common sense and decency to the wind? Will we forfeit our future to an even bigger government that schemes to seize more control from our citizens?

If we choose the latter, we shouldn't be surprised when parental rights are taken away by the state, businesses are shut down by government decree, and speech is policed, with individuals penalized merely for using what some

consider to be incorrect pronouns.

My ultimate hope does not lie in any politician or political party; my confidence is in Almighty God through faith in His Son, Jesus Christ. I want to be able to freely share the truth of the Bible and the Good News of His love and salvation both now and in the future. But, make no mistake, how we vote in this election will have implications for my freedom and yours.

Evil is on the march like we have never seen before in our generation. I encourage everyone to pray for our nation, our leaders, and the upcoming election and I strongly urge those who love this nation to vote for a future that renews rather than abandons all that, by the grace of God, has made us great.

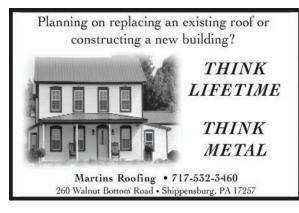
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About the author: Franklin Graham has devoted his life to proclaiming the Good News of Jesus Christ and helping suffering people around the world. He writes this guest column as a concerned, private citizen, and not on behalf of the two Christian organizations that he leads— Samaritan's Purse and the Billy Graham Evangelistic Association.



Look at that!

Holly Heacock loves to look at Farmshine in the milkhouse while her Dad washes milkers. She is the 16-month old daughter of Jacob and Erin (Wolfe) Heacock who farm near Perkasie in Bucks County, Pa.





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noted how animal foods, specifically mentioning dairy, have all of these essential nutrients and that the bioavailability of the nutrients is important.

This didn't make much difference. Food replacement strategies, cultural diet pathways, and diet simulators were instead used to show how to get more nutrient density from plants. Prepackaged and pre-portioned implementation strategies and plated combinations of plants were given as examples on how to get the nutrients without the fats.

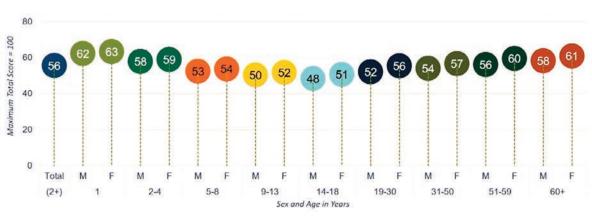
The high-level academic exercise means very little to everyday Americans making choices about food, but it could fundamentally change what is available to choose

from – if the "systems science, implementation science, and behavioral science" the DGAC is also recommending pushes diets even more toward highly processed, prepackaged, pre-portioned options designed by global food giants.

Bottomline: the DGAC will recommend to the USDA and HHS to further reduce animal-based protein consumption and to further increase plant-sourced consumption in the 2025-30 Guidelines, while continuing to limit dairy to non-fat and low-fat options.

For dairy, the DGAC is also recommending that USDA update the nutrition composition database to reflect what they say are 'improved' plant-milks, and to use the 'diet simulators' to show Americans how to be more 'flexible' in replacing animal foods with plant foods.

Average Total Healthy Eating Index-2020 and Healthy Eating Index-Toddlers-2020 Scores* Across the Lifespan (Ages 1 Year and Older)



*The Healthy Eating Index-Toddlers-2020 is used for ages 12 through 23 months, and the Healthy Eating Index-2020 is used for ages 2 years and olde

Chapter 1: Current Dietary Intakes and Prevalence of Nutrition-Related Chronic Health Conditions 2025 Dietary Guidelines Advisory Committee Meeting on Draft Report

The DGAC could not understand why the healthy eating

index showed such poor performance in the under-consump-

tion of key nutrients for health, especially among the lifestage

of children ages 5 to 19, and that it was uniformly bad across

all socio-economic, racial and ethnic parameters. (Simple. It's because of the DGAs that are enforced at school meals twice

Oct. 21 screenshot from 2025-30 DGAC virtual meeting

a day, five days a week, most of the year for 5 to 19 year

The DGAC also changed the wording of its 2025-30 mission to "reduce the focus on chronic disease risk reduction, to instead focus more on promoting growth and devel-

opment and improving the healthspan."

These are key takeaways despite the Committee spending the first hour of the first day stupefied by the analysis showing — uniformly across all socio-economic and ethnic cultures — children ages 5-19 had the nutritionally poorest diets in terms of under-consuming key nutrients at this most critical lifestage.

Even when they picked up their Health Equity Lens to look at the data, it was uniformly bad.

Their interpretation? I will paraphrase: Parents need help understanding how to feed their children.

My interpretation? The Dietary Guidelines are, themselves, the problem because they are used rigidly to formulate the meals that the age 5 to 19 lifestage (kids) are presented with twice a day, five days a week, nine to 12 months of the year — at school! The body will keep snacking until it gets the nutrients it seeks.

At the end of the two days, the DGAC chose the path of giving USDA and HHS the advice to double-down on saturated fat restrictions that have prevailed as Americans become less healthy, more obese, with more chronic disease, at ever younger ages.

Four impacts of the DGAC draft report:

1) Dairy's 'place' in the diet remains somewhat intact, but the committee wants USDA

to update nutrient composition studies to reflect the current state of nutrition art in "plant-milks" and to use diet simulators to show Americans how to be more flexible in replacing animal-based with plant-based.

2) Nonfat and low-fat dairy will continue to be the recommendation, although they mentioned that there was not enough evidence to make this a strong conclusion for ages 2 through 5. Perhaps this leaves a door open for daycares and WIC to expand to 2% and whole fat milk up to age 5 instead of the current age 2, but schoolchildren are still out of luck.

3) The Protein category has been flipped on its lid. The DGAC moved beans, peas and lentils from the vegetable category to the protein category and increased the daily quantities for beans, peas, lentils, seeds, soy, nuts,

and fish, while reducing the allowance for meat, poultry and eggs. In fact, they will represent this visually by listing first in the protein category the plant sources, followed by fish, then eggs, then poultry, and lastly, red meat.

4) Stricter guidelines for added sugar and salt also have implications for flavored milk and dairy products as well as in the cheesemaking process.

This draft report ends the DGAC's work. In the coming days, it will be edited to reflect the discussion for submission as final recommendations to USDA and HHS.

A joint team of staff from both Departments will prepare this DGAC Scientific Report for posting at DietaryGuidelines.gov,

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Thanks & Congratulations!







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airyman's Datebook

OCTOBER 29, 9 a.m. Penn State workshop: "Management Essentials for Dairy Success" at Horizon Farm Credit, 300 Winding Creek Blvd, Mechanicsburg, Pa.

OCTOBER 30, 10 a.m. Triple-Hil Sires fall meeting, Country View Creamery, 1290 Watts Road, Trenton, Ky. Free lunch provided.

NOVEMBER 6-7, Penn State's Dairy Nutrition Workshop, Hershey Lodge, 325 University Drive,

NOVEMBER 7-8, Organic Farming Conference, Mount Hope Event Center, 8076 State Route 241, Mount Hope, Ohio.

NOVEMBER 7-11. North American International Livestock Exposition (NAILE), Kentucky Exposition Center, 937 Phillips Lane, Louisville, Ky.

NOVEMBER 12, 9 a.m. Penn State workshop: "Management Essentials for Dairy Success" at the Blair County Convention Center, 1 Convention Center Drive, Altoona, Pa.

NOVEMBER 13, Triple-Hil Sires fall meeting, The Falcon's Nest Banquet Hall, 2001 East Main Street, Falconer, N.Y. (near Jamestown). Free lunch provided.

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

FEBRUARY 17, 2025, 1 p.m. Dairy Old Timers Luncheon, O'Brien's Irish Pub, 701 West Lumsden Road, Tampa, Fla.

Fall Classic Sale, University Park, Pa. Sale managed by Pa. Holstein

OCT. 26, 11:30 a.m. Fall Premier All-Breed Dairy Sale, Hosking Sales, New Berlin, N.Y. Sale managed by Hosking Sales.

OCT. 28, Normal Monday Sale, Monthly Organic Day & Conventional Herd Dispersal, Hosking Sales, New Berlin, N.Y. Sale managed by Hosking Sales.

OCT. 30, 10:30 a.m. Dairy Cow & Heifer Sale, New Holland Sales Stables, New Holland, Pa. Managed by New Holland Sales Stables.

NOV. 1, 10 a.m. CDT. Van Dell Farms Reg. Jersey Dairy Cattle Retirement Auction, Sharon WI. Managed by Steffes Auctioneers.

NOV. 7, 10 a.m. Know What You Buy Heifer Sale, Middletown, Pa. Managed by Pa. Holstein Assoc.

ment and Truck Auction for Dan Schantz Greenhouses, Zionsville, Pa. Sale managed by Mel Manasse & Son Auctioneers.

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.

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.

Auction Guide

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

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Penn State slates nutrition workshop

UNIVERSITY PARK, Pa. — Penn State's Dairy Nutrition Workshop will be held Nov. 6-7 at the Hershey Lodge, 325 University Drive, Hershey. The two-day event is designed to provide applied dairy nutrition information to nutritionists and dairy feed industry professionals. The primary emphasis of the main session are milk fat depression, milk and commodity market pricing, and updates to the new Cornell nutrition model.

Nearly two dozen break-out sessions over the two days allow attendees to tailor topics of interest to them, including many presentations by the Penn State Extension Dairy Team. The Team's emphasis will be on two themes: forage topics and using precision livestock farming data to better understand the nutritional status of dairy cows. Special presentations will be given by Afi-Milk (Afi sensor), Merck (Cowsense/SCR), and Select Sires (Cow Manager). Other topics range from communicating effectively with other professionals and employees to understanding specific health issues in a herd. Selection may be made at registration.

The pre-conference, sponsored by Kemin, will focus on amino acid formulation and the effects on dairy cow rations. The post-conference, sponsored by Vetagro, will present information on fatty acid in the diet and effects on cow health. Both are included as part of registration.

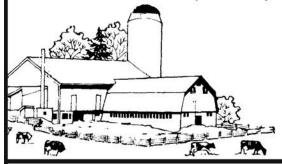
Attendees will have the opportunity to interact with over two dozen trade show exhibitors, including at an ice cream social on Wednesday sponsored by Merck. There is also time to visit with exhibitors each day, from 7 a.m. to 3 p.m.

The cost of registration is \$200, with no charge for Penn State students, \$90 for non-Penn State students. Dinner is \$10; breakfast on November 7 is \$8. Two lunches are included as are breaks, one sponsored by Vetagro and one sponsored

For more information on the program and speakers, and to register online, visit https://extension.psu.edu/dairy-nutrition-workshop. Registration deadline is Nov. 6.

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Dairy award nominations invited; due by Nov. 18

HARRISBURG, Pa. - Nominations are now open for the annual Pennsylvania Dairy Industry Award program. All nominations must be received by November 18 to be considered for this year's awards.

Each year, the awards recognize dairy producers and industry professionals who excel in leadership, service and innovation. The program includes three awards and is sponsored by the Pennsylvania Dairymen's Association, the Professional Dairy Managers of Pennsylvania, and the Center for Dairy Excellence.

"Most dairy producers and individuals who serve the Pennsylvania dairy industry are never looking for recognition, so the Dairy Industry Awards continue to be a meaningful way we can shine a light on the individuals who are making a difference within the state's dairy industry," said Emily Barge, communications and marketing manager at the Center for Dairy Excellence. "As 2024 comes to a close, this is a positive way to recognize the dairy leaders you know who are providing outstanding leadership, service and innovation to our industry."

The industry awards are offered annually to Pennsylvania residents, and recipients will be recognized at the Pennsylvania Dairy Summit in February 2025.

Nominations are being accepted for the following awards:

• The Pennsylvania Distinguished Dairy Producer Award recognizes individual dairy producers or farm enterprises that have demonstrated superior management capabilities within their own dairy business and provide outstanding leadership and service to the dairy industry.

• The Pennsylvania Dairy Service Award recognizes an individual who has distinguished him or herself in serving the greater interest of Pennsylvania's dairy industry and dairy farms.

• The Pennsylvania Dairy Innovator Award recognizes an individual or business entity that has provided tremendous innovation to progress Pennsylvania's dairy in-

dustry toward a brighter future, either by advancing the marketplace or creating new opportunities for innovation on the farm.

All nominations must be received by November 18th. Nominations must include the completed application form and one letter of support outlining why the candidate is qualified to receive the award. Please visit www.centerfordairyexcellence.org/awards to submit a nomination.

Individuals who are nominated will be notified electronically in late November with a request for information due in December. Selected award recipients will be notified by January 2025.

airy innovation grants available; app v November 1

HARRISBURG, Pa. – The Center for Dairy Excellence is now accepting pre-applications for Dairy Innovation Grants.

This is a competitive grant program, and dairy producers must apply by November 1 to give the Center enough time to submit its application to the Pennsylvania Dairy Innovation Fund.

The Pennsylvania Department of Agriculture introduced the Pennsylvania Ag Innovation Fund to support investments that embrace technology to improve efficiency and data analytics on dairy operations; enhance production; and increase energy efficiency on the farm or in ag processing.

Projects could involve technology within the milking parlor, feeding system, activity monitoring, ventilation, and cow cooling aspects

"Investing in new technology on Pennsylvania dairy farms is exciting and can really boost efficiency and production. But it can be a huge expense for most dairy farm families," said Melissa Anderson, programs and operations manager at the Center for Dairy Excellence. "If our application is accepted, these Dairy Innovation Grants could help ease upfront costs and make it possible for dairy producers to pursue innovative technology that can drive their operations forward."

If funded, the Dairy Innovation Grant Program would award matching grants to the farms selected into the program of up to \$25,000 in matching funds or up to a 50 percent match in total cost of up to \$50,000. These funds are provided to reimburse farmers once the dollars are spent, so the total funding received will depend on the total cost of the project.

Farm operations within Pennsylvania with anticipated annual sales of more than \$2000 and more than 35 mature dairy cows or 70 mature dairy goats are eligible to apply, if they meet the following requirements:

 Must have a conservation plan, manure management plan, and knowledge of financials

 Must be participating in National FARM turn to page 16

Natural By Nature is looking to sign up **Organic Dairy Producers.**



- Family-owned operation that has been in business for 30 years. Have our own processing plant where we bottle our organic
- Offer great quality premiums and an optional 100% grass-fed
- No hauling, labs, or marketing fees, no equity deductions, or quotas.
- We are looking to expand our producer group in Lancaster, Berks, Perry, and Dauphin County.

For additional information, please reach out to Amy Simms at 484-643-6714.



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Pine Shavings

Opens to 6 Cu. Ft. (Dust Free)..... Skid Lots Only (59 bales per skid)

Premium Medium Flake

Pine Shavings

2.5 Cu. Ft. Bale

Skid Lot Price

(650 Cu. Ft. per skid).

(Expands to 10.5 Cu. Ft.)



Less feed bunk competition allows more animals to eat uninterrupted

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Crafton

Granton						
GRAFTON FARM	55 HO	29382	1236	946		
PATCH FAMILY	90 HO	24880	1109	811		
MINOT, WILLIAM & DIANNE	12 HO	22122	797	695		
MINOT, WILLIAM & DIANNE	18 XX	18320	716	627		
HERDS WITH A RHA SCC LESS THAN 200,000						

GRAFTON FARM MINOT, WILLIAM & DIANNE 86 18

Merrimack, Belknap

BOHANAN FARM 142 HO 27142 1138 891 CATE, JONATHON 54 XX 18257 860 660 HERDS WITH A RHA SCC LESS THAN 200,000 HO 172 142

Sullivan

GARY LECLAIR	307 HO	27914	1232	92
PUTNAM FARMS, INC.	421 HO	26562	1159	86
MACGLAFLIN FARM LLC.	385 HO	25650	1262	81
PUTNAM FARMS, INC.	62 XX	21044	1070	77
MACGLAFLIN FARM LLC.	62 XX	20222	1138	70
LUTHER, JOHN W.	30 HO	21395	825	70
MACGLAFLIN FARM LLC.	74 JE	18521	1055	67

CLARK, GREGORY & MARCIA 33 HO 20054 782 626 CLARK, GREGORY & MARCIA 42 MS 19169 704 596 LUTHER, JOHN W. 15 JE 15539 776 573

HERDS WITH A RHA SCC LESS THAN 200,000 CLARK, GREGORY & MARCIA PUTNAM FARMS, INC. XX 104 62 HO 113 30 LUTHER, JOHN W. MACGLAFLIN FARM LLC. XX 134 62 MACGLAFLIN FARM LLC. JE 155 74 MACGLAFLIN FARM LLC. HO 157 385 CLARK, GREGORY & MARCIA MS 181 42 PUTNAM FARMS, INC. HO 184 421

VERMONT

Addison

New England, New Jersey, New York

B. DANYOW FARM LLC.	1055 HO	30038	1320	983
VORSTEVELD FARM	1502 HO	28318	1232	949
HOWLETT, TIM & JULIE	750 HO	28719	1169	944
DEGRAAF, HAROLD & ANJE	17 XX	28780	1122	928
LUCAS, JONATHAN	340 HO	26862	1178	875
CORREIA, ANTHONY & BARB	407 HO	25274	1102	871
DEGRAAF, HAROLD & ANJE	179 HO	26483	1079	865
TUDHOPE, MILES & CHERYL	61 HO	25687	1126	849
ANDY NOLAN	328 HO	24519	1060	824
BRISSON, MARC & NORRIS	1097 XX	24989	1085	822
B. DANYOW FARM LLC.	64 XX	22585	1066	791
TUDHOPE, MILES & CHERYL	58 BS	22150	1007	773

FIFIELD, JEFF 128 HO 24239 983 771

HERDS WITH A KHA SCC LESS I	TAN 200,0	JUU		
TUDHOPE, MILES & CHERYL	BS	69	58	
TUDHOPE, MILES & CHERYL	H0	84	61	
B. DANYOW FARM LLC.	XX	90	64	
B. DANYOW FARM LLC.	H0	951	055	

· · · · · · · · · · · · · · · · · · ·		
LUCAS, JONATHAN	Н0	96 340
CORREIA, ANTHONY & BARBARA	H0	115 407
DEGRAAF, HAROLD & ANJE	H0	124 179
ANDY NOLAN	H0	128 328
BRISSON, MARC & NORRIS	XX	1741097
HOWLETT, TIM & JULIE	H0	180 750
VORSTEVELD FARM	H0	1821502
Caledonia		

WAYSIDE MEADOW FARM	388 HO	29926	1297 1025
DON-SIM FARM	115 HO	27273	1105 891
FREMONT & ETHAN NELSON	229 HO	24604	1049 792
LUCKY HILL FARM	179 JE	18630	1012 729
ACKERMANN DAIRY	68 HO	21774	876 693
FREMONT & ETHAN NELSON	30 XX	19098	873 656
LAGGIS BROS.	502 JE	17655	926 650
WILLSON, DOROTHY & A.	85 XX	17019	830 636

HERDS WITH A RHA SCC LESS THAN 200,000 FREMONT & ETHAN NELSON ACKERMANN DAIRY HO 107 68 HO 118 115 DON-SIM FARM LUCKY HILL FARM WAYSIDE MEADOW FARM LLC HO 126 388 HO 140 229 FREMONT & ETHAN NELSON BRIAN NICHOLS XX 151 106 LAGGIS BROS. 181 502

Chittenden

Essex ROUTHIER & SONS, INC.

RUSSO, STEPHEN & CARI A

CREAM	67 HO	28335	1151	910			
TAFT, BRUCE & MARY	317 JE	18769	1074	719			
SHELBURNE FARMS	122 BS	17232	752	578			
HERDS WITH A RHA SCC LESS THAN 200,000							
CHELBIIDNE EVDWC		RC	00	122			

HERDS WITH A RHA SCC LESS THAN 200,000

344 HO 25524 1125 845

18 HO 20024 855 650

priority

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HO 110 344 ROUTHIER & SONS, INC. Franklin HOWRIGAN HOME FARM 299 HO 29603 1165 953 HOWRIGAN, H.J. & A. & LAW 374 HO 27687 1127 906 HOWRIGAN H-9 DAIRY 384 HO 27569 1092 889 HOWRIGAN, HAROLD J. & SO 375 HO 25440 1087 848 MIKE BENJAMIN 544 HO 26231 1101 838 MCGARRY DAIRY LLC. 128 HO 25284 1063 815 DEPATIE, JAMES & JESSICA 374 HO 24810 964 773 WRIGHT FARM 200 HO 22117 1000 745 ${\sf CARPSDALE}\,{\sf FARMS}\,{\sf LTD}.$ 77 HO 22919 934 742 DALESTEAD FARM & MAPLE 91 HO 22385 943 712 27 JE 15865 744 579 HERDS WITH A RHA SCC LESS THAN 200,000

MIKE BENJAMIN 87 544 H0 MCGARRY DAIRY LLC. HOWRIGAN, HAROLD J. & SONS HO 115 375 CARPSDALE FARMS LTD. HO 120 77 PALILLIN DAIRY LLC JE 124 27 HOWRIGAN, H.J. & A. & LAWRENCE HO 130 374 HOWRIGAN HOME FARM HO 175 374 DEPATIE, JAMES & JESSICA DALESTEAD FARM & MAPLE LLC. HO 197 91

Grand Isle

J. & M. LADD FAMILIES FARM 73 XX 19075 704 581 HERDS WITH A RHA SCC LESS THAN 200,000 J. & M. LADD FAMILIES FARM XX 112 73

Lamoille

KEEWAYDIN FARM MORRILL, ARTHUR & LARRY 95 JE 17670 922 673 31 HO 19818 897 644 HERDS WITH A RHA SCC LESS THAN 200,000

HO 63 31 JE 88 95

169 16

JE 195 45

Orange

MORRILL, ARTHUR & LARRY

GLADSTONE, WALTER & MA	2550 HO	32747	12821	108
GLADSTONE, WALTER & MA	52 XX	24329	1265	93
HARKDALE FARM, INC.	63 HO	25027	1082	83
HARKDALE FARM, INC.	121 JE	17761	976	68
ALLENVILLE FARM	83 HO	22207	881	68
WHITE ROCK FARM	141 JE	18248	960	66
SILLOWAY FARMS	67 HO	20640	838	65
ROBERT J. HOWE	27 HO	21612	833	64
GRAY, KIM	24 JE	15135	750	58
WRIGHT, ANDREW	49 XX	15944	721	55
LEIBOLD, KYLE	33 JE	15493	695	53
RORERT I HOWE	15 IF	14252	678	50

HERDS WITH A RHA SCC LESS THAN 200,000 HARKDALE FARM, INC. 99 121 GLADSTONE, WALTER & MARGARE 1022550 XX 103 52 JE 109 33 GLADSTONE, WALTER & MARGARE LEIBOLD, KYLE 119 24 ALLENVILLE FARM HO 124 83 CONANT, DEAN & TERRI 128 46 HO 138 67 XX 141 55 SILLOWAY FARMS OUGHTA-BE-FARM LLF HOYT, AMBER & SCOTT HARKDALE FARM, INC. HO 156 63 WHITE ROCK FARM 159 141 WRIGHT, ANDREW XX 168 49

Orleans

HOYT, AMBER & SCOTT

SMALL, STEVEN & ETHAN

ANDY & SARAH BIRCH	42 HO	26746	1169	893
SHEENA BROWN	49 HO	24625	1023	784
NADEAU, AARON & CHANT	153 HO	24445	1038	768
BROE, JOHN & DEANNA	25 XX	23288	959	764
WEBSTER, DANIEL	80 HO	21426	905	730
BROE, JOHN & DEANNA	56 XX	20416	923	720
ANDY & SARAH BIRCH	12 XX	20557	980	718
JOSH POULIN	284 JE	18768	989	706
LISAI, PAUL	63 XX	19627	960	619
PADDLEBRIDGE HOLSTEINS	61 HO	20355	786	615
LATRAVERSE, SEBASTIEN	58 HO	19343	793	603
RANDALL FAMILY FARM	119 HO	18929	767	601
PATENAUDE, KATE BRACE, DU	194 XX	18245	706	573

HERDS WITH A RHA SCC LESS THAN 200,000 BROE, JOHN & DEANNA LISAI, PAUL XX 75 63 ANDREWS, ANDY SHEENA RROWN HO 114 49 ANDY & SARAH BIRCH HO 121 42 PATENAUDE, KATE BRACE, DUST XX 128 194 LATRAVERSE, SEBASTIEN HO 144 58 147 56 BROE, JOHN & DEANNA DEMAINE, DAN XX 159 41



GOLD

New England, New Jersey, New York

PADDLEBRIDGE HOLSTEINS HO 161 61 RANDALL FAMILY FARM 172 119 NADEAU, AARON & CHANTALE HO 182 153

Rutland

WOOD LAWN FARMS, INC. 124 HO 25969 1173 827 MEDALLION JERSEY LLC. 101 JE 17580 903 682 HERDS WITH A RHA SCC LESS THAN 200,000 WOOD LAWN FARMS INC HO 126 124 MEDALLION JERSEY LLC. JE 130 101

Washington

FAIRMONT FARM	1652 HO	29329	1258	975	
SETH GARDNER	309 HO	20515	815	642	
MOLLY BROOK FARM LLC.	74 JE	15686	745	584	
FRANK, MARILYN & KIRT JOHN	64 HO	18382	656	551	
HERDS WITH A RHA SCC LESS THAN 200,000					

MOLLY BROOK FARM LLC.	JE	111	7
FAIRMONT FARM	H0	142	165
FRANK, MARILYN & KIRT JOHNSO	H0	143	6
SETH GARDNER	H0	165	30
VONTRAPP FARMSTEAD	XX	178	6

Windham

MARK, SUE, SAM, KELTSEY RU 33 HO 25570 1057 836 VERN-MONT FARM LLC. 568 HO 25315 1118 804 MILLER, PETER 269 HO 26076 1074 798 MARK, SUE, SAM, KELTSEY RU 22 JE 17226 931 652 HAMILTON, JAKE 46 HO 18793 814 606 42 JE 14573 768 511 LILAC RIDGE FARM 39 HO 16337 684 500

HERDS WITH A KHA SCC LESS THAN 200,000						
MILLER, PETER	H0	125	269			
THE CORSE FARM	ХХ	161	53			
MARK, SUE, SAM, KELTSEY RUSHTO	H0	163	33			
HAMILTON, JAKE	H0	172	46			
VERN-MONT FARM LLC.	H0	172	568			
THE PUTNEY SCHOOL	ХХ	192	31			

Windsor

LEMAX FARM	102 HO	23957	973	770		
RICHARDSON FAMILY FARM	63 JE	17190	972	677		
JEFFREY & DAVID TOWNSEN	212 HO	18761	758	592		
SPRING BROOK FARM	53 JE	14464	671	511		
HERDS WITH A RHA SCC LESS THAN 200,000						

HERDS WITH A RUN SEC LESS HIAR 200,000				
RICHARDSON FAMILY FARM	JE	46	63	
BILLINGS FARM MUSEUM	JE	82	47	
SPRING BROOK FARM	JE	157	53	
JEFFREY & DAVID TOWNSEND	Н0	169	212	

MASSACHUSETTS

Franklin

CLESSONS DAIRY	59 HO	26616	1094	830	
GUNN, STEVE	50 HO	23914	985	777	
DAR-RIDGE FARM	32 HO	23854	1020	765	
PURINGTON, ROBERT	34 XX	22325	955	744	
HUNT FARM	164 HO	22779	794	698	
HERDS WITH A RHA SCC LESS THAN 200,000					
CLININ STEVE		HO	125	50	

GUNN, STEVE	H0	125	5
HUNT FARM	H0	150	16
PURINGTON, ROBERT	XX	159	3
CLESSONS DAIRY	H0	165	5

Middlesex

TULLY FARMS, INC. 128 HO 21675 922 699

HERDS WITH A RHA SCC LESS THAN 200,000 TULLY FARMS, INC. HO 177 128

Worcester

CATLIN FARMSTEAD	178 HO	25143	1030	812		
KARL HEINS	26 HO	17885	743	573		
KARL HEINS	61 XX	14904	695	515		
HERDS WITH A RHA SCC LESS THAN 200,000						
KARL HEINS		ΧХ	120	61		

RHODE ISLAND

Providence

WRIGHT'S DAIRY FARM	112 HO	29001	1242	975
HERDS WITH A RHA SC	C LESS TI	1AN 200	0,000	
WRIGHT'S DAIRY FARM		H0	142	112

CONNECTICUT

New London

JAKE AUBIN	104 HO	25757	1056	803		
VALLEY VIEW DAIRY	126 HO	24507	1043	802		
CLARK WOODMANSEE III.	135 HO	24568	1232	793		
HERDS WITH A RHA SCC LESS THAN 200,000						
CLARK WOODMANSEE III.		H0	144	135		

Windham	

VALLEY VIEW DAIRY

71 XX 14914 700 502 SELBUORT VALLEY FARM

HO 185 126

NEW YORK

Allegany

64 HO	26438	1081	820				
42 HO	24920	978	769				
HERDS WITH A RHA SCC LESS THAN 200,000							
	H0	130	42				
	42 HO	42 HO 24920 CC LESS THAN 200	64 HO 26438 1081 42 HO 24920 978 CC LESS THAN 200,000 HO 130				

Broome

	2135 HO 2237 HO						
HERDS WITH A RHA SCC LESS THAN 200,000 WINSOR ACRES HO 89 2135							

Cavuga

				_		
LEROY & CYNTHIA HORST	123 HO	26502	1031	802		
HERDS WITH A RHA SCC LESS THAN 200,000						
LEROY & CYNTHIA HORST		H0	52	123		

LEROY & CYNTHIA HORST	H0	52	123
GLEN MATTHEW HORST	H0	92	60
MARK & TORI STAUDERMAN	XX	179	32

Chautaugua

COUNTRY AYRE FARMS LLC.	697 HO	27172	1194	903		
COUNTRY AYRE FARMS LLC.	28 XX	25521	1169	861		
FINN STAR FARMS	30 HO	22812	948	711		
COUNTRY AYRE FARMS LLC.	67 JE	18624	999	694		
PHILIP BECKERINK	71 HO	21230	858	686		
HERDS WITH A RHA SCC LESS THAN 200 000						

FINN STAR FARMS H0 PHILIP BECKERINK HO 124 71

Chemung

LE-DENN FARM 97 HO 23450 858 HERDS WITH A RHA SCC LESS THAN 200,000 97 HO 23450 858 732 HO 111 97

Herkimer

SAMUEL S. KING	72 HO	26809	1012	84
JOHN SAUDER	56 HO	25625	1024	79
JONATHON SHIRK	43 HO	23883	1096	74
HERDS WITH A RH	IA SCC LESS TI	HAN 200	,000	
CAMUEL C MING		110	101	-

Montgomery

PETERSHEIM, IVAN & ESTHER	75 HO	22076	876	69
DANIEL B. STOLTZFOOS	60 HO	19987	866	62
DELLAVALE FARM	19 HO	18824	798	6
ABRAM MILLER	47 HO	20528	789	6
DREAMROAD JERSEYS LLC.	70 JE	16567	770	60
SAMUEL L. STOLTZFUS	71 XX	16531	716	53

HERDS WITH A RHA SCC LESS THAN 200,000					
SAMUEL L. STOLTZFUS	ХХ	167	71		
PETERSHEIM, IVAN & ESTHER	H0	179	7.		
DREAMROAD JERSEYS LLC.	JE	193	70		
CAMILEI KING	HΛ	105	61		

Ontario

LAKE COUNTRY HOLSTEINS	72 HO	32067	1232	1025
NEVIN SENSENIG	61 HO	29135	1232	947
NELSON SENSENIG	52 HO	29655	1176	941
RUEBEN WEAVER	48 HO	27273	1240	911
HARVEY SENSENIG	58 HO	27698	1113	897
LEON NEWSWANGER	57 HO	28211	1137	896
DAVID BURKHOLDER	46 HO	28188	1202	894
STARLIGHT DAIRY	88 HO	25102	1181	851
ARTHUR ZIMMERMAN	166 HO	25069	824	785
CLEVDATE/W EVDW	63 HO	24274	1003	743

CLEMITTENTIAN	05 110	212/1	1003	, 13			
HERDS WITH A RHA SCC LESS THAN 200,000							
HARVEY SENSENIG		Н0	56	58			
NEVIN SENSENIG		Н0	71	61			
DAVID BURKHOLDER		Н0	73	46			
CLEARVIEW FARM		H0	84	63			
STARLIGHT DAIRY		H0	92	88			
LAVE COUNTRY HOLGTEING			400				

THE COUNTED HOLD THIS	72110	32007	1232	1023
NEVIN SENSENIG	61 HO	29135	1232	947
NELSON SENSENIG	52 HO	29655	1176	941
RUEBEN WEAVER	48 HO	27273	1240	911
HARVEY SENSENIG	58 HO	27698	1113	897
LEON NEWSWANGER	57 HO	28211	1137	896
DAVID BURKHOLDER	46 HO	28188	1202	894
STARLIGHT DAIRY	88 HO	25102	1181	851
ARTHUR ZIMMERMAN	166 HO	25069	824	785
CLEARVIEW FARM	63 HO	24274	1003	743

HERDS WITH A RHA SCC LESS THAN 200,000						
HARVEY SENSENIG	H0	56	5			
NEVIN SENSENIG	H0	71	6			
DAVID BURKHOLDER	H0	73	4			
CLEARVIEW FARM	H0	84	6			
STARLIGHT DAIRY	H0	92	8			
LAVE COUNTRY HOLCTEING	IΙΛ	127	7			

CLA

DAVID BURKHOLDER	H0	73	4
CLEARVIEW FARM	H0	84	6
STARLIGHT DAIRY	H0	92	8
LAKE COUNTRY HOLSTEINS	H0	127	7

ARTHUR ZIMMERMAN HO 146 166 HO 172 48 RUEBEN WEAVER LEON NEWSWANGER HO 192 57 NELSON SENSENIG HO 193 52

Otsego					
EVAN M. CHARLES	69 HO	25335	1019	825	
MARVIN FISHER	59 XX	23709	898	719	
MATHEW FISHER	62 HO	22754	989	699	
HERDS WITH A RHA SCC LESS THAN 200,000					
NICKOL ORGANIC, E. & J.		XX	93	29	

AN M.	. CHARI	ES	НО	143	69
~					

ERIC & TAYLOR BOGARDUS 26 HO 24610 SLATEHILL FARM 115 HO 22508 ERIC & TAYLOR BOGARDUS 10 XX 16401 ERIC & TAYLOR BOGARDUS 33 AV 17542					
	ERIC & TAYLOR BOGARDUS	26 HO	24610	888	77
	SLATEHILL FARM	115 HO	22508	929	72
	ERIC & TAYLOR BOGARDUS	10 XX	16401	748	56
	ERIC & TAYLOR BOGARDUS	33 AY	17542	653	54
	HEDDE WITH A DUA C	CC ECC TI	4 V M 2 U U	000	

HERDS WITH A RHA SCC LESS THAN	1200	,000	
ERIC & TAYLOR BOGARDUS	AY	141	33
ERIC & TAYLOR BOGARDUS	XX	166	10
SLATEHILL FARM	H0	181	115

Schuvler

Zortujior				
JAMES HOOVER	59 XX	23022	943	748
MARLIN HOOVER	42 HO	23655	940	738
BROOK'S EDGE DAIRY	76 HO	21368	906	689

DELMAR & DAWN MARTIN

Seneca				
WINDY HOLLOW FARM	176 HO	25346	1051	799
CLAIR ZIMMERMAN	90 HO	24318	942	734
KEITH MARTIN	72 HO	22413	898	720
DELMAR & DAWN MARTIN	92 HO	22558	903	696
HERDS WITH A RHAS	CC LESS TH	IAN 200	,000	

IIR ZIMMERMAN	Н0	157
Starban		

PAUL & KATHIE WHITE	120 HO	27971	1235	880

HERDS WITH A RHA SCC LESS THAN 200,000 PAUL & KATHIE WHITE HO 123 120

Tioga

LAWTON JERSEY FARM	100 JE	21074	1027	751	
SHIPMAN, DAVID	228 HO	17953	734	581	
HERDS WITH A RHA SCC LESS THAN 200,000					
ROGER FORD		ΧХ	161	40	
SHIPMAN, DAVID		H0	197	228	

тотрки	S		
HOUSTON, MARLIN, JR.	143 HO	20279	790 627

Wayne

ANTHONY HIGH	136 HO	27523	1173	890
RICHARD HORNING	140 HO	26483	1110	873
DWIGHT SENSENIG	78 HO	24641	964	785
LARRY MARTIN	104 HO	24533	991	759

HERDS WITH A RHA SCC LESS THAN 200,000 H0 91 136 DWIGHT SENSENIG HO 141 78 LARRY MARTIN HO 162 104 RICHARD HORNING HO 165 140

LEON WEAVER

RRANDON HOOVER

Iutes				
NATHANAEL MARTIN	45 HO	27772	1105	906
MATTHEW ZEISET	60 HO	28958	1190	888
CLARENCE GARMAN	56 HO	27289	1103	887
DAVID MARTIN	50 HO	27177	1100	861
WARREN MARTIN	73 HO	28015	1162	858
MERVIN LEE ZEISET	45 HO	26726	1110	853
DANIEL K. MARTIN	63 HO	27330	1105	851
DAVID HORST	47 HO	26190	1143	847
AMMON REIFF	62 HO	24084	1017	809
DUANE MARTIN	43 HO	26642	997	786
NEIL WEAVER	35 HO	25376	941	774
TOWNRIDGE FARMS LLC.	156 HO	24583	937	770
SCENIC RISE DAIRY	51 HO	24412	933	757

58 HO 23011

50 HO 23280 946 729

937 754

JOHN BURKHOLDER 42 HO 23208 912 706 DELMAR BURKHOLDER 61 HO 22548 913 705 VINE VALLEY FARM 215 BS 20269 841 684 MARK HOOVER 56 HO 21455 845 659 ROLLEN N'S DAIRY 69 HO 19900 801 622 ANDREW Z. LEID 51 HO 20516 785 612 MARTIN FOX 44 XX 16325 745 573 WII MER HORNING 40 HO 18008 694 562

Lancaster

CLEASON MARTIN 35 XX 17198 717 555 MFRVIN MARTIN 40 JE 14769 697 530 42 JE 14862 695 523

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Lexi Anderson was all smiles and business in the ring at World Dairy Expo, but her mother says their bags are packed in the car awaiting the call for the heart transplant this 12-year-old will need to survive her rare diagnosis. A special yearling will be sold at the All-American Jersey Sale in Louisville on Nov. 9th to benefit the Love for Lexi heart transplant fund.



Lexi Anderson sits third from left in this photo taken at the Barron County Fair in Rice Lake, Wisconsin on July 19th. With her, seated left to right, are: Darice, Kaity and Tani Riebe, Alleah Anderson and Roger Riebe holding Levi Riebe. Standing, left to right: Mike and Jaime Riebe, Jordyn and Jamie Anderson, Mark and Tanya Riebe and Tamala Anderson.

Photo by Danielle Nauman Dairy Star

Special yearling in All-American Sale to raise funds

12-year old Jersey enthusiast awaits heart transplant

EDITOR'S NOTE: Two months after last year's shows in Madison and Louisville, Lexi Anderson was diagnosed with a rare condition which requires a heart transplant. Moved by her story, Eric Silva of Sunset Canyon Jerseys, Oregon, has donated a yearling daughter of Sunset Canyon Laspada Karen to the All-American Jersey Sale in Louisville on Nov. 9th. Syndicate

shares are available with all funds donated to the Love for Lexi heart transplant fund. To be part it, contact Eric Silva at sunsetcanyonjerseys@gmail.com or Kristin Paul, AJCA area representative, at (209) 402-5679. For more information on the benefit account set up by friends and family through Cumberland Federal Bank, visit www.loveforlexi.com By DANIELLE NAUMAN Updated from Dairy Star

CUMBERLAND, Wis. — Lexi Anderson is a 12-year-old with a heart for cattle and community. Hers is a heart that needs saving.

Imagine that one minute, you are sitting in the stands, cheering on your daughter's

basketball team. The next, you are in a doctor's office hearing the unthinkable — your daughter requires a heart transplant.

That is the nightmare that Jamie and Tamala Anderson and their daughter, Lexi, are living.

Tamala's parents, Roger and Darice Riebe, operate Meadow-Ridge Jerseys near Cumber-

land, Wisconsin, where they milk 100 Registered Jerseys with their sons, Mike and Mark. Although Tamala and Jamie are not directly involved with the day-to-day operations of the farm, they have raised their daughters as a part of the family farm. Lexi has grown up showing Jerseys alongside her sisters and her cousins.

"It started last fall," Tamala said. "I honestly thought she didn't want to play. She would run halfway up the court and stop like she was out of breath. I told her if she didn't want to play, that was fine—just tell me. She told me that she couldn't see, which was why she was stopping."

Thinking that what Lexi was experiencing was perhaps dehydration, the Andersons spoke to her coach and devised a plan for Lexi to leave the game if needed.

"During a game last November, she almost passed out," Anderson said. "We realized something was not right and scheduled an appointment with our primary care physician."

At that appointment, an electrocardiogram showed what was described as a discrepancy between the top and bottom halves of Lexi's heart. An appointment was scheduled for Dec. 15, 2023, with a specialist at Marshfield Medical Center. There the Andersons received the unthinkable news.

"After doing blood work and an echo, the doctor came back in and asked to speak to us privately," Anderson said. "He told us that he didn't even know how to break it to us that Lexi had restrictive cardiomyopathy."

The specialist explained to the Andersons that essentially the muscles in her heart were hardening and, eventually, it would become a solid

turn to page 23

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Weed control is timely and effective in the fall

By TOSH RUNG MAZZONE
Franklin County Field and Forage Crops Educator

CHAMBERSBURG, Pa. — Forage producers should take advantage of plant life cycles this Fall to most effectively control many types of weeds. A final, timely herbicide application can be very effective as temperatures cool, and days run shorter

In the Fall, foliar, systemic herbicides are especially effective on perennial and biennial weeds, as herbicides move more readily to plant root systems. This occurs as sugar and carbohydrates are transported down into root systems as plants prepare for winter.

Winter annual weeds such as chickweed, henbit, marestail and mustard species are germinating now that soil temperature, day length, angle of the sun and air temperatures are falling. Winter annuals will "bolt" in the Spring and produce a seedhead before dying.

At this time of year these species are easiest to control as plants are physically smaller. If plants are not controlled now, these species will slow photosynthesis and respiration until they ultimately become dormant. Unfortunately, once plants go dormant, herbicide activity, translocation within plants and ultimately control will be reduced or ineffective.

When targeting Winter annual weeds in the Fall, ensure that foliar herbicide applications are targeting plants that are green and actively growing. Applications should be delayed until air temperature is above 40 degrees and soil surface temperatures are above freezing.

Biennial species such as poison hemlock, wild carrot, common teasel and common burdock have a life cycle that occurs over two years, where the seedlings form a rosette in Summer or Fall, overwinter, then flower and produce seed the following year. Biennials are most easily controlled newly emerged or at the rosette stage in the Fall, when root systems are smaller, and plants have less accumulated reserves. Similar to winter annual weeds, target herbicide application to biennial species when air and soil temperatures are above freezing.

Cool-season herbaceous perennial weeds like Canada thistle, buttercup species, quackgrass, wild garlic and dandelion flourish during cool Fall temperatures, remaining in active growth throughout several light frost events. While these species will eventually die back to root systems over Winter, they resprout from root systems the following Spring. The adaptation of these species to tolerate several frost events and continue growth adds several more weeks into the Fall to consider an herbicide application.

On the other hand, some perennial species grow more as warm-season herbaceous perennials — jimsonweed, hemp dogbane, common milkweed, horsenettle and common pokeweed. Generally, warm-season herbaceous perennials may be treated with a systemic herbicide up until a frost occurs provided there is some green leaf tissue remaining. Once night-time temperatures move towards freezing, these species start to senesce or die back to root systems for the year. You can visually observe this change as leaves die back, turn yellow



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or drop to the ground. Certainly, once a frost kills the top growth of these plants back to a root system, foliar herbicide application to warm-season herbaceous perennials will be ineffective.

Woody perennials, such as bush honeysuckle, privet, autumn-olive, multiflora rose and Eastern redcedar may be effectively treated in the fall, provided that plants are actively growing. One advantage to control at this time is that woody perennial shrubs such as bush honeysuckle often retain green leaves longer than other native species, which makes identification easier.

Effective application techniques for woody perennials include foliar systemic herbicide application to green foliage when air temperatures are above freezing. Other application techniques include cut stump



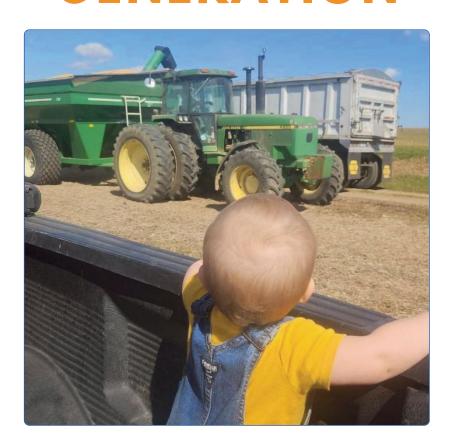
Common pokeweed finds opportunity to thrive in fence lines. Photo by Tosh Rung Mazzone

and basal-bark treatment, which may be utilized throughout the dormant season. However, keep in mind that herbicides begin to break down immediately once applied, so control may be reduced during the dormant season as plant growth, herbicide absorption and translocation is limited during this time.

Pasture owners and forage producers can consult their local Extension office for help in identifying weeds. Refer to the Penn State Agronomy Guide for more information on forage weed control.

When considering pesticide usage, always consult a current herbicide label for safety, use recommendations and restrictions. General pasture and hay management recommendations may be found on the Penn State Extension Website.

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The facial expressions of Ken Raney, long-time executive director of the Pennsylvania Holstein Association and his wife, Beth, reveal their admiration for "The Dean of Pedigrees".



In 2013, at the National Holstein Convention in Indianapolis, Horace received the Distinguished Leadership Award from Hol-

stein Association, USA. Pictured with him are, Worden, John Meyer and Glen Brown.

Horace____

from page 1

It was the evening of the National Dairy Shrine dinner during which Horace was honored as a Pioneer.

I had received a call from Horace about two or three weeks prior to the banquet. "I want to invite you to sit at my table," he said.

Knowing that the typical, round banquet table can accomodate only eight people, I felt very honored by his call. And even more so when the big evening in Madison, Wisconsin, arrived. My one regret is that I failed to videotape him at the podium, humbly accepting the recognition while also delivering some words to live by. His message was comparatively short ... but strong, honest, sincere, and inspiring. Could anyone have ex-

pected anything else from the highly esteemed gentleman from Mexico, N.Y? I think not.

Horace was a role model for anyone who ever got to shake his hand, heard him speak or observed his class. First class, only and always. Indeed, he was iconic in his own time.

While I do not have a video of him at the NDS dinner in 2016, I do have his entire presentation recorded when he spoke at the Pennsylvania Holstein Association's 100th anniversary banquet on March 1, 2013 at the Pittsburgh-Marriott-North in Cranberry Township. But unlike me having a vantage point close to the head table on that evening, I sat in a far corner of the room (because I had walked in late) and got an appreciative crowd on camera too.

Horace had a tremendous following because he was a man

of highest integrity and had an unmatched knowledge of Holstein history, performance and pedigrees. That's how he acquired his well-deserved nicknames: "Mr. Holstein" and "Dean of Pedigrees."

To me personally, and perhaps to many others as well, Horace was also a bit of an entertainer. I had to chuckle every time I heard him shout at a sale: "You're stealing that heifer!" More often than not, the amusing comment nudged another bid or two from the crowd. Horace had style. A very unique and highly respected style.

Horace conducted his last sale in Pennsylvania on October 20, 2016; the Pen-Col Sale, where the picture appearing on page 1 was taken. Note the penetrating warmth and kindness of his eyes and the dignity of his overall appearance which in themselves always carried an inspiring message. Dignity defined the





Horace Backus found a worthy successor in Daniel Brandt of Lebanon County, Pa.

man wherever he went.

One of Horace's sayings that I can personally identify with is: "They say you are truly blessed if your work is your hobby and your hobby is your work. I have been truly blessed." That is so true!

After his more than 80 years of involvement in the pedigree / sale business, Horace retired after his final sale ... the Cornell University Dairy Science Club's Holstein Harvest Sale held in Ithaca on October 29, 2016.

Both of the above-mentioned sales had countless people approaching the legendary man in the box with catalogs in hand. They all thanked him for his dedication, integrity, kindness and friendship. They wished him well and asked that he sign their sale catalog. Horace always obliged.

Fortunately, Horace left quite a bit behind to remember him by. Aside from signed sale catalogs, he wrote nine books about famous Registered Holstein herds and the people behind them. Indeed, he himself had an unmeasurable influence on the breeding and care of Registered Holsteins. He was a gracious and kind expert in the field like none other.

Calling hours are from 2 - 4 p.m. on Monday, Oct. 28 at the Harter Funeral Home in Mexico, N.Y. The memorial service will be held on Tuesday, at 1 p.m. at First Presbyterian Church, 4361 Church Street, Mexico, NY 13114. Family has asked that in lieu of flowers, consider donating to the Horace Backus Scholarship Fund at Holstein USA. Please note on check for this specific fund.



Bill Peck of Schuylerville, N.Y. stood tall in the Holstein business in his own right, as did so many others of Horace's long list of friends



Gordon Wood of Mansfield, Pennsylvania is pictured with "Mr. Holstein", as he was introduced on numerous occasions.

Cornell Animal Science Dairy Management

Cornell provides a diverse education allowing students to experience international travel, pursue internships, formulate a career plan, and develop both personal and professional networks in the dairy industry. Students are involved in farm visits and farm analysis working with faculty, extension personnel and agri-service partners to integrate principles into practice.



students in Germany at the Lely Innovation Center









CoBank predicts top prices

DENVER, Colo. -- According to a new quarterly report from CoBank's Knowledge Exchange, dairy farmers could experience some of the best margins in a decade given the combination of higher milk prices and falling grain costs. In July, milk production margins climbed to \$12.33 per cwt., the highest level since May 2022. Forecasts for the remainder of the year expect margins to improve to nearly \$16 per cwt. Cheese and butter prices have moved higher due to tighter milk sup-

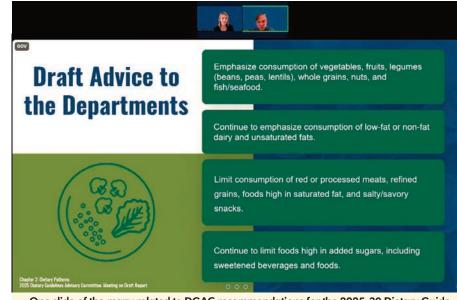
Meanwile, fertilizer prices have moderated and ag retailers are anticipating strong farmer spending on inputs this fall. Final 2024 expenses for fertilizer, pesticide, fuel and oil are expected to decline nearly 10% from 2023, mostly due to price reductions. While lower, input costs have not dropped in tandem with crop prices and remain above pre-pandemic levels. Many ag retailers are bolstering their input financing programs as a result.

Despite rising prices, beef demand re-

mained robust throughout the grilling season. Retail prices continued climbing through August, topping more than \$8.60/lb. Pricesensitive consumers found relief in ample retail hamburger promotions. The composition of beef coming to market in 2024 has been more fed cattle, with more steers entering the feedlot than last year. Falling feed prices, a changing mix of cattle and tighter availability is contributing to higher cattle weights.

Food & beverages

National food and beverage brands continue to struggle with lower volume sales. Value is still top of mind for consumers, who are continuing cost-cutting behaviors set during the height of inflation. Grocery price increases have slowed, but a variety of segments are still well ahead of pre-pandemic levels. Retailers' early start to the holiday shopping season is likely to keep budgets top of mind for consumers. Value menus have led to an uptick in restaurant traffic, but not enough to surpass grocery traffic growth.



One slide of the many related to DGAC recommendations for the 2025-30 Dietary Guidelines. It continues the emphasis consumption of non-fat and low-fat dairy and unsaturated fats and uses diet simulators to help show how to increase nutrient density with more plant-Oct. 21 screenshot from from 2025-30 DGAC virtual meeting based meal options.

ADANE needs director nominations

SYRACUSE, N.Y. - American Dairy Association North East continues to seek independent dairy farmer nominees for its board of directors for 2025. Applications are due by October 31.

To be considered for a board seat, nominees must be an active dairy farmer in the ADA North East service region which includes New York, New Jersey, Pennsylvania, Maryland, Delaware or the counties of Loudoun, Fairfax, Arlington and Prince William in Virginia.

"Dairy checkoff is farmer-funded and farmer-directed, and this is an opportunity for more dairy farmers to provide input on how their investment is being used to sell more milk and build trust in dairy," said ADA North East CEO John Chrisman.

In accordance with the bylaws of ADA North East, three seats on the board of directors are open to independent producers for 2025. Independent producers are defined as dairy farmers who do not market their milk

these board seats, please complete the online application by visiting American Dairy.com > About Us > Board of Directors.

through a dairy marketing cooperative.

If you wish to be considered for one of

must follow them. However, it will have some impact on all of us if the Departments use the DGAC recommendation to implement food system science at the food supply level. We can already

Dietary Guidelines

along with data analysis, food pattern mod-

USDA and HHS will then open a new pub-

In 2025, the secretaries of USDA and HHS

(whoever they end up being), along with

their joint team, will review the DGAC scien-

tific report and the public comments to de-

velop the actual 2025-30 Dietary Guidelines

atively impacting America's schoolchildren

and elderly in senior centers where meals

Expect these DGAs to continue most neg-

eling and other supplemental documents.

lic comment period.

for Americans.

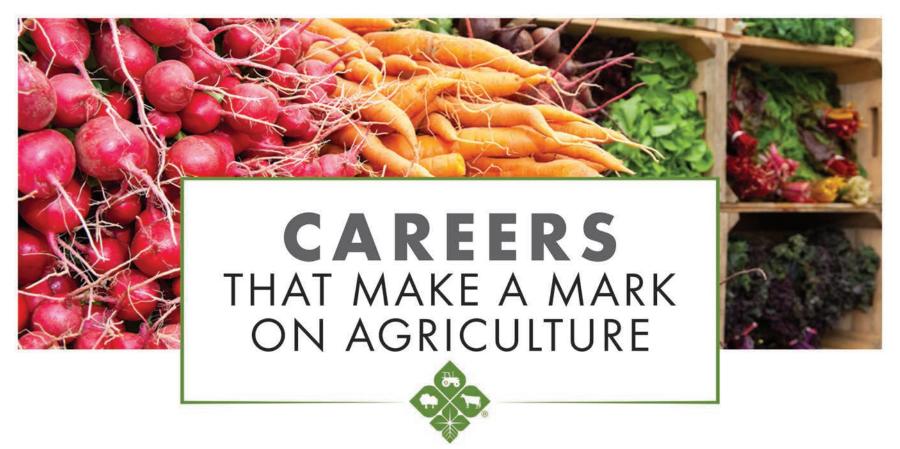
see what happens to choices for consumers and markets for farmers when the middlemen decide what can be put on grocery store shelves or in the dairy or meat case.

_ from page 5

Not only did we not see a serious effort to address the need for more nutrient dense foods in the dietary pattern, the new pattern will double down against saturated fat, along with salt and added sugar, while continuing to search for the missing nutrition profile of its increasingly vegetarian recommendations.

None of this passes the smell test, and likely not the taste test. Kids eat food not data. Nutrients must pass the tongue to reach the belly. Look for more on that in terms of action next week from the Grassroots Pennsylvania Dairy Advisory Committee and 97 Milk.

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SUNY Cobleskill's dairy judging teams are national calibre

nial contender for placing at or very near the top in dairy cattle judging contests, has done it again. They came up short of first place by seven points. Team members were Elizabeth Schieferstine, Allison Gabel, Libby Sutton and Luke Enyart; coached by Carrie Edsall.

Edging the team out of the top spot was the team from Modesto Junior College in California, whose record of victories over the years is impressive to say the least. Their dis-

BROOKINGS, S.D. — Enrollment in dairy

science at South Dakota State University has

more than doubled since 1967 and the De-

partment's faculty, teaching and research pro-

lege and one year after South Dakota became

a state. Dairy research became part of the

tinctions this year included top Overall Team, Overall Reasons Team, High Individual, and High Individual Reasons honors. The team consisted of Logan Silveria, Lauryn Young, Jon Chapman, and Teresa Sousa; coached by

Top Five Teams – Overall:

- 1. Modesto Junior College, 2296 points.
- 2. SUNY Cobleskill, 2289 points.

Agricultural Experiment Station in 1901.

The Dairy Husbandry Department's name

was changed to the Dairy Science Depart-

ment in 1964. The Department has always

Ohio State University Agricultural Technical Institute (ATI), 2274 points. Team members: Lauren Homan, Christian Martig, Bradley Gotto, Emma Givens; coached by Royce Thornton

- 4. Michigan State Ag Tech, 2234 points. Team members: Bette Eggnik, Lydia Deters, Lane McDonald; coached by Joe Domecq, Sarah Black and Lynn Olthof.
- 5. SUNY Morrisville, 2054 points. Team members: Emma Weisbrodt, Charissa Gelser, Matthew Wilson and Chloe Pushlar; coached by Jessica Kennedy

Top 10 Individuals – Overall:

- 1. Lauryn Young, Modesto Jr. College, 783
- 2. Lauren Homan, Ohio State ATI, 781
- 3. Elizabeth Schieferstine, SUNY Cob., 779
- 4. Bette Eggink, MSU Ag Tech, 766
- 5. Allison Gabel, SUNY Cobleskill, 766
- 6. Lane McDonald, MSU Ag Tech, 759
- 8. Jon Chapman, Modesto Jr. College, 755
- 9. Christian Martig, Ohio State ATI, 749
- 10. Bradley Gotto, Ohio State ATI, 744

Top Five Teams – Reasons:

- 1. Modesto Junior College, 645
- 2. Ohio State ATI, 626
- 3. Michigan State Ag Tech, 616
- 4. SUNY Cobleskill, 610
- 5. SUNY Morrisville, 550

Top 10 Individuals – Reasons:

- 1. Lauryn Young, Modesto Jr. College, 229
- 2. Elizabeth Schieferstine, SUNY Cob. 227
- 4. Emma Givens, Ohio State ATI, 219
- 5. Bette Eggnik, MSU Ag Tech, 218
- 6. Jon Chapman, Modesto Jr. College, 218
- 7. Allison Gabel, SUNY Cobleskill, 209

8. Bradley Gotto, Ohio State ATI, 207 9. Lane McDonald, MSU Ag Tech, 206 10. Libby Sutton, SUNY Cobleskill, 206

Top Five Teams – Practical Contest:

- 1. Ohio State ATI, 605
- 2. Iowa State University, 587
- 3. Kansas State University, 578
- 4. Southwest Technical College No. 2, 552
- 5. SUNY Cobleskill, 549

Top Five Teams – Linear Contest:

- 1. Southwest Technical College, 375
- 2. Modesto Junior College, 360
- 3. SUNY Cobleskill, 345
- Ohio State ATI, 335
- 5. Iowa State University, 305

Top Five Teams - Corrective Mating:

- 1. Ohio State ATI, 197
- 2. Iowa State University, 188
- 3. Kansas State University, 186
- 4. SUNY Cobleskill, 158
- 5. Modesto Junior College, 154

Top Five Teams – Grade Class:

- 1. Ohio State ATI, 100
- 2. Iowa State University, 100
- 3. Kansas State University, 100
- 4. Southwest Technical College #2, 100
- 5. Modesto Junior College, 100

Top Five Teams – Registered Class:

- 1. Kansas State University, 200
- 2. Iowa State University, 197
- 3. Ohio State ATI, 196
- 4. SUNY Cobleskill, 191
- 5. Southwest Technical College, #2, 181
- grams have become nationally recognized. maintained research and teaching programs When Dakota Agricultural College was in both dairy foods and dairy production founded in the early 1880s, every farm had a areas. The Department led the United States 7. Logan Silveria, Modesto Jr. College, 758 milk cow or two. A farmer could expect about in research on mechanical milkers while they a gallon of milk per day from each cow, and were in the experimental stage. there was usually plenty of milk in the spring The creamery short courses were quite prominent until the early 1950's. In 1984, the but very little during the winter. Fresh milk had to be used within a few hours. Cream State Dairy Laboratory was moved from Verskimmed from the top was usually kept in a million to Brookings and is housed in the Alcave or placed in a bucket and lowered into fred Dairy Science Hall. the farm well to keep it cool. Ice cream was a The SDSU Dairy Science Department has rare treat, and cheese making was mostly an been deeply involved in all that has hapindividual art. pened in the South Dakota and national dairy The Dairy Science Department was offiindustry for decades and many changes, in cially formed in 1907 as the Dairy Husbandry fact, were initiated by the Department. Department. However, instruction and re-In 2015 food science was added as a new search in dairying were part of the activities major to the Department at the undergraduof the South Dakota Agricultural College for ate and graduate levels and the Department's several years before a Dairy Department was name was changed in 2016 to Dairy and Food organized. The first dairy courses were Science Department. In 2018, the position of 3. Lauren Homan, Ohio State ATI, 223 taught in 1890, nine years after the territorial department head was endowed through the generous contribution from alumnus, David legislature passed an act to establish the Col-

A. Thompson.

SDSU dairy program has long history



\$3000 scholarship available

BRATTLEBORO, Vt. — A scholarship is available from Holstein USA 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.

Alfred State boasts noteworthy ratings

ALFRED, N.Y. — No matter how you search for a college, you'll find Alfred State College at the top of many lists. U.S. News & World Report even ranks Alfred State No. 10 among all universities and colleges in the United States for an excellent education at a low cost.

Alfred State offers tuition at \$7070 for a topranked, high-quality SUNY degree. This incredible value is available to residential students from any state thanks to ASC Freeway Scholarships.

The prestigious U.S. News rankings recognize Alfred State on national lists and in the 11-state Northern Regional Colleges list that includes Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.



If cows could talk

"What's this world coming to? We have been pro-viding you with a highly nutritious, delicious and good-for-your-health product for millenia. Why would anyone want to reformulate it, dilute it and even eliminate it? That's wrong!

— An unhappy cow

from page 7

or similar animal care pro-

• Must be a farm operation with anticipated farm sales of greater than \$2,000 per year and at least 35 dairy cows in their lactating dairy herd or 70 goats in their lactating goat herd.

• Must provide a letter of support from their farm to submit with our larger application to the Pennsylvania Department of Agriculture. A template is provided within the application.

 Must provide thorough description and industry-researched estimate for technology investment they want to be funded through grant

 Must demonstrate commitment to long-term sustainability of the operation

· Must be willing to provide metrics before and after in milk production, quality and components, reproduction, and herd health to demonstrate impact.

Potential projects cannot be started prior to January 1, 2025 and have up to two years to be completed. Projects could include technology investments to automate ventilation and cooling systems in housing areas such as temperature-controlled fans, misters, and curtains. Other ideas of projects include activity monitoring system for improved herd health and reproduction; automation in feeding systems to monitor ration ingredients, intakes, and/or inventories; and automation in milking parlor/systems to capture data analytics and improve efficiency. Construction of facilities is not an eligible ex-

Successful farms would be notified of their acceptance into the pre-application period in November but would not know whether the funding is awarded until January 2025 upon announcement of the Pennsylvania Ag Innovation Grant Awardees.

To learn more and submit a pre-application by November 1, visit www.centerfordairyexcellence.org/dairy-innovation-grants. Contact Melissa Anderson at 717-788-0296 or manderson@centerfordairyexcellence.org with questions about the program.

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Triple-Hil Sires

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Noah Z. Weaver Jr.

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Glen Peachey, Elquest Holsteins, PA Mike McCaffrey, aAa Analyzer, NY

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NO RSVP NEEDED IF YOU HAVE QUESTIONS CALL: 1-855-955-2100



Trenton, Kentucky Falconer, New York

Wed., November 13, 2024 @ 10:00AM

Location: The Falcon's Nest Banquet Hall 2001 E Main Street, Falconer NY

Guest Speakers:

Dean Jackson, Mt-Glen Farms Mike McCaffrey, aAa Analyzer

Free Lunch provided!

716-499-1696) OR (716-569-6188)

- Triple-Hil Sires Presentation with video footage of bulls
- Introduction to Masterpiece Genetics and their lineup

Guernsey, Milking Shorthorn, Ayrshire, Jersey, and Holstein

- Door prizes
- Attendees receive 10% Discount!

August fluid milk sales up 1.6%

Fluid milk sales were up again for August vs. year ago, according to USDA's Estimated Fluid Milk Product Sales Report, released Oct. 17. Estimated sales at 3.6 billion pounds were up 1.6% year-on-year (YOY). This follows the July YOY increase of 4.3%.

This marks the second consecutive month of YOY gains on a national basis, but even more significant, eight of the past 12 months have recorded fluid milk gains YOY.

The year-to-date (YTD) trend is now 1.2% above year ago as sales of all fluid milk products for the first eight months of 2024 were pegged at 28.3 billion pounds. When adjusted for the extra Leap Year day in February, the YTD sales of fluid milk products are up 0.8% YOY on a rolling daily basis.

The Northeast, which includes eastern Pennsylvania, was up 0.3% YOY in August and up 0.4% YTD Leap Year adjusted.

The Mideast Order, which includes western Pennsylvania, saw YOY increases of 9.8% in August and 12.8% in July, with YTD sales up 3.3% (adjusted for Leap Year)!

YTD gains are also seen in the Florida, Central, Southwest and Arizona Orders, while the Upper Midwest saw a 2.3% YTD decline, and other Orders about broke even with year ago for the first eight months of 2024.

Breaking down the August report, total conventional fluid milk sales gained 1.3% YOY, with organic up 5.5%.

Conventional unflavored whole milk sales were up 1.5% YOY in August, while organic whole milk sales were up 11.1%.

Flavored whole milk sales were down 11.4% for conventional and down 19.7% for organic. It is important to note that these sales rely upon what processors are willing to produce and offer on store shelves, not necessarily reflecting what consumers want to buy. When fewer packages of whole flavored milk are offered, full potential is restrained.

In the 'other fluid milk products' category, August sales were up 54.8% for conventional and 21.4% for organic. Examples of 'other fluid milk products' include value added and ultrafiltered products like fairlife and Lactaid.

Nov. Class I mover slips \$0.64 to \$22.53

The November advance Class I base price mover was announced at \$22.53 on Wed., Oct. 23rd for a loss of 64 cents per hundredweight below October's Class I mover, but up \$2.78 per cwt. above year ago. The cheese market plunged below previous month highs, causing the Class III price to diverge lower than Class IV as the downward price pressure from declining cheese prices was greater than for the lower-trending Class IV butter market. The average-plus-74 cents calculation for the Class I mover was 34 cents per cwt lower than if the previous higher-of method had been used, which would have yielded a Class I mover of \$22.87/cwt.



Milk futures mixed

Milk futures were mixed this week on both Class III and IV contracts, with the bottom line average for the next 12 months slighly lower on Class III and firm on Class IV. On Wed., Oct. 23, the Class III milk futures averaged \$20.05 per hundredweight for the next 12 months (Oct24-Sep25), down 9 cents from the 12-month average a week ago. Class IV futures averaged \$21.25 for the next 12 months, unchanged from the 12-month average a week ago.

Dairy product prices higher, except cheese

Cheddar cheese spot prices turned lower again this week in very light trade after showing signs of firming up last week. Meanwhile, butter, whey and nonfat dry milk (NFDM) prices all moved higher in moderate to brisk trade on the CME daily spot market this week.

On Wed., Oct. 23, the 40-lb block cheddar price traded at \$1.91/lb -- down 3 cents from the prior Wednesday with 9 loads trading over 5 sessions. The weighted average for the week was at \$1.92/lb, and the USDA weekly National Dairy Product Sales Report for the week ending Oct. 19 was at \$2.12, with barrel cheese at \$2.16/lb.

Pegged at \$1.9075/lb, the 500-lb barrel cheese price on the CME daily spot market lost 2 pennies Most of the loss came at midweek with the weighted average for the prior 5-day trading period higher vs. week ago at \$1.9325/lb; 7 loads traded.

Dry whey rallied on the CME spot market, pegged at \$0.6025/lb, up nearly a penny with 15 loads trading. Yet the NDPSR price, used in the pricing formulas sits at \$0.56/lb.

On the Class IV side, spot butter prices firmed up after last week's record trading volume. This week's load countstood at 81, compared with 189 last week, and the price was up 4 cents at \$2.6550/lb. The weekly NDPSR for week ending Oct. 19 was pegged at \$2.64. NFDM saw a big trading volume of 43 loads over 5 days with more than a penny per pound gained at \$1.36/lb and a weighted average for the week close to \$1.37/lb. The weekly NDPSR sat just short of \$1.35/lb.

More GRAS for fake dairy proteins

Fermify, an Austrian precision fermentation biotech company developing fake milk proteins, announced it has obtained self-affirmed Generally Recognized as Safe (GRAS) status for its precision-fermented casein after conducting a comprehensive safety study, as per FDA requirements, according to Cultivated-X. The company says it has also voluntarily notified the FDA

Farmshine, Friday, October 25, 2024 — 17

of its GRAS conclusion and is now pending a "no questions" letter confirming the status. The GRAS status is for the company's casein generated as excrement of bioengineered microbes in fermentation vats, which is being introduced for animal-free dairy products to the U.S. market, collaborating with dairy processors to test the functionality and sensory properties in various dairy products, including cheese, creams, foams, and drinks, the company says, making sustainability claims vs. animal agriculture. In addition to Fermify of Austria with this casein, other biotech companies have achieved GRAS status for fake dairy proteins in the U.S., including Dernmark's 21st. BIO (whey), California's New Culture (casein), Israel's Remilk (whey), and Perfect Day (whey). These companies work directly with the dairy processing sector in a Business to Business (B2B) model instead of Business to Consumer (B2C).

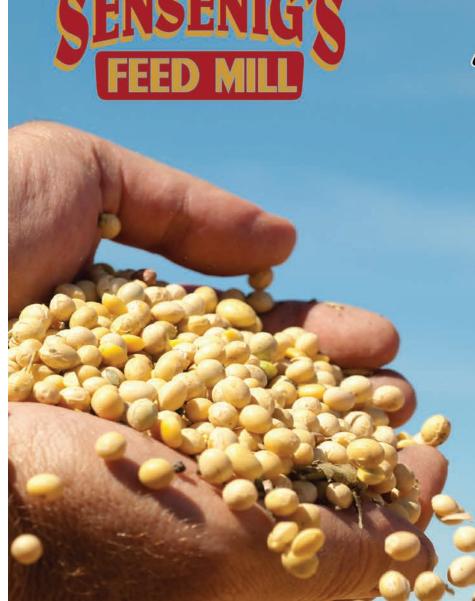
U.S. milk production basically flat in Sept.

September's U.S. milk production grew by virtually nil (0.07%) on a national basis, while the 24-State production was up 0.17% (slighly more than nil) compared with a year ago. The industry reacted to this flat pattern as "unexpected growth." It's interesting that the processing sector and trade publications warn dairy farmers that the beef on dairy trend will hurt their ability to grow into the new processing capacities being built, and yet, when milk production is up by a negligible 0.07% (less than one-tenth of 1%), the dairy product markets react with a decline. Do they want milk? Or don't they? To make more milk, farmers need to make and raise more heifers. Only so much can be done by increasing milk output per cow. In fact, that near zero milk growth nationwide for September is reported from 20,000 fewer milk cows than a year ago.

In the Northeast milkshed, Pennsylvania was up fractionally, New York up 1.2%, and Vermont down 2.5%. In the Southeast, Florida was unchanged, Georgia up 1.3% and Virginia down 5.3%. California is the hot spot for bird flu, which showed up Aug. 30 in the Golden State, so flat production last month is no surprise. Additionally, cow numbers are down 4000 head in the No. 1 dairy state. Meanwhile, many states were gainers in the West, including Colorado, up 1.4%, Idaho up 1.8%, Kansas up 3%, South Dakota up 7.9%, Texas up 4.9%, Utah up 2.4%. Meanwhile Midwestern states declined with Wisconsin down 0.5%, Minnesota down 2%, Iowa down 0.8%, Illinois down 4.4%, Michigan down 0.9%

California is current hotspot for H5N1

As of Oct. 23, 2024, there have been 102 H5N1 detections in dairy cows within the past 30 days, and 100 of them are in California. The other 2 are in Idaho. California saw its first case on Aug. 30th and the most recent detection was Oct. 17.



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All prices — OCT. 23, 2024 — except where noted

Missed Opportunities: Opportunities are presented to us every ment plan. In terms of day, but it's the actions we take when they cross our path that opportunities, there is no determine our outcome. When it comes to dairy risk management, we may not see an opportunity for what it is until weeks or months later. However, no one is ever going to time the markets management tools availperfectly every time. I believe we must get over this fear of missing able to you. Today, dairy producers have four main out on an opportunity and base our decisions on our dairy's metrics at the present time to achieve what we want our outlook to be. A strong financial foundation for your dairy includes knowing Livestock Gross Margin, Dairy Margin Coverage, and Dairy Reveand understanding your cost of production numbers, and in-depth planning that includes developing a sound risk management plan.

Dairy price volatility has increased over the years as we moved into a global market and shifted away from a government support program. Our high in the last 10 years for Class III was in 2014 with an average price of \$22.34. A year later in 2015, we saw a 29% decrease with an average Class III price of \$15.80. For Class IV, the highest in the last 10 years was in 2022 with an average price of average Class IV price of \$19.12. Today, we are currently sitting at a 2024 Class III price of \$18.36 and a Class IV price of \$20.66. A global economy has created tremendous opportunities to experience higher dairy farm gate prices while you navigate the volatility as well. Protecting your dairy during the downturn is an important step for long-term viability.

Supply vs. demand will always be the driver in dairy pricing, and since we're in a global economy, everything is connected. The droughts in Australia, bumper crops in South America, regulations in Europe, and a decreased dairy heifer replacement population here in the US all send ripple effects through the global dairy trade. What will these cheese plants nearing completion do to the US milk landscape and dairy product pricing as we move into 2025? Will lower heifer replacement numbers curb production growth? Will our exports increase and find new homes across the border and overseas to complement our domestic demand?

it's always best to control what you can through a risk manage-Prices change daily. This market information is an example for educational purposes. The market data shown below are compiled weekly by Farmshine, via CME & USDA reports.

better time than now to learn about the dairy risk

By ANDREW MCCARTY Land O'Lakes Dairy Business Advisor amccarty@landolakes.com

risk management products available to consider when looking at

protecting their margin or revenue stream: Forward Contracting, nue Protection. Each one of these have different tiers, levels, and decisions for each product. You should take the time to work with a risk management specialist to discover which risk management product you feel most comfortable with. You never want to use a risk management product unless you understand how they work.

Knowing and understanding your cost of production numbers and in-depth planning will set your dairy up for long-term success. The market does not care what we think it should be or what we \$24.59. A year later in 2023, we experienced a 22% drop with an need for our cost of production. Opportunities can present themselves often without us acting on them until it is too late. With current milk futures for the first half of 2025 trading around the \$19.80/cwt for Class III, and \$21.30/cwt for Class IV, these are some good prices when looking back at historic numbers. Only two of the last 10 years were these numbers higher for Class III, with 2014 coming in at \$22.68 and 2022 at \$22.95. Class IV also only had two years above our current prices available, with 2014 at \$23.09 and 2022 at \$24.67 during the same time period. Just like preventative maintenance on your equipment is crucial for long-term viability, understanding how to protect your milk price volatility is a great way to position your dairy for future success and prevent missed opportunities.

If you would like to learn more about understanding Forward Contracting, Livestock Gross Margin, Dairy Margin Coverage, and Dairy Revenue Protection, join Jake Thompson and myself on the next Center for Dairy Excellence's "Protecting Your Profits" webi-No matter the level of volatility or uncertainty in the markets, nar as we take a deeper dive into these risk management programs on November 8th, 2024. Visit www.centerfordairyexcellence.org/ events to learn more.

Markets

Livestock Auction

October 22	, 2024
Alfalfa	9.00-11.00
Mixed hay	4.50
Orchard	4.75
Grass	2.75-6.50
Straw	3.50-4.25

Morrison's Cove Auction

October 21, 2024	
Grass 170)-28
Mixed hay	17
Round bales by the bale	3

Wolgemuth Auction

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October 16	, 2024
Alfalfa	295-315
Mixed hay	150-280
Grass	180-290
Straw	125-160
Orchard	240-265
Corn fodder	115-135

Dewart

Auction	
Dewart, Pa. October 21, 20	24
Cattle: 200	
Slauahter cattle:	
Steers:	
Select	156-170
Holstein steers:	
Choice	166.50
Select	158
Slaughter cows:	
PrmWht 65-75% lear	1119-126
Breakers 75-80% lea	
2.04.0.072 0070.04	110-123
Boners 80-85% lean	
Lean 85-90% lean	85-124
Slaughter bulls	124-155
Feeder cattle:	
Steers:	
M/L-1-2	217-225
Holstein steers:	
L-3	140-160
Heifers:	
M/L-1-2	145-215
Bulls:	
M/L-1-2	125-225
Calves: 388	
Feeder calves:	
#1 Hol bulls	485-650
#2 Hol bulls	375-485
#3 Hol bulls	285-400

Utility bulls

20-45

Greencas	stle
Livestock	8
Greencastle	
October 21,	2024
Cattle: 455	
Slaughter cattle:	
Steers: HiCho & Prm	184-194
Choice	175-185
Select	173-103
Holstein steers:	175-174
Choice	146
Heifers:	
HiCho & Prm	180-187
Choice	174-178
Select	165-172
Slaughter cows:	
Breakers 75-80% I	
D 00.050/ I	130-138
Boners 80-85% led	
Lean 85-90% lean Slaughter bulls	9Z-113 127 EN 14E
Feeder cattle:	137.30-103
Steers:	
M/L-1	215-225
Holstein steers:	LIJ LLJ
L-3	160-205
Heifers:	
M/L-2	165-225
Bulls:	
	157.50-240
Calves: 362	
Feeder calves:	E00 / 10
#1 Hol bulls	500-640
#2 Hol bulls #3 Hol bulls	430-490 300-490
#3 HOI DUIIS Utility bulls	300-490 30-100
#1 Hol heifers	600-780
#2 Hol heifers	580-590
1101 11011013	500 570

Hosking Sales New Berlin, N.Y. October 21, 2024

Canners & cutters 1.08 & down

90-1.21

Cattle: Dairy cows

Bone utility

Easy cows	.70 & down
Bulls over 1100 lbs.	1.35-1.55
Steers over 1100 lbs	s. 1.54
Maiden heifers	1.55
Feeders:	
Dairy	1.20-1.87
Bulls	1.42
Steers	1.46-2.45
Calves:	
Bull	top 5.25
Heifer	top 5.00

Livestock Auction

	stown, N.J. r 22, 2024
Bulls	1.00-1.70
Calves	.40-7.80
Cows	.36-1.32
Feeders	.75-1.70
Heifers	.77-1.47
Ctoorc	77 1 60

Morrison's Cove

Martinsburg,	
October 21, 2	024
Cattle: 85	
Steers:	
Choice	175-183
Good	160-172
Heifers:	
Choice	175-180
Good	135-150
Cows:	
Util/Commercial	105-123
Can/LoCut	60-100
Bulls Y/G #1	140-151
Feeder cattle:	
Steers	135-165
Bulls	130-315
Heifers	100-300
Calves: 86	
Standard	45-100
Hol bulls	450-650
Hol heifers	150-635

New Holland Auction

Auction	
New Holland	d Pa
October 21,	
Cattle: 1086	2027
Slaughter cattle:	
Steers:	
HiCho & Prm	185-205
Choice	184-195
Select	150-185
Holstein steers:	
HiCho & Prm	160-170
Choice	151-157
Select	135-148
	133-140
Heifers:	175 107
HiCho & Prm	175-197
Select	135-147.50
Holstein heifers:	
HiCho & Prm	145-158
Choice	131-140
Slaughter cows:	
Breakers 75-80%	
	120-132.50
Boners 80-85% led	
11:	2.50-122.50
Lean 85-90% lean	100-106
Slaughter dairy cov	WS:
Breakers 75-80%	
	125-149
Boners 80-85% led	
DOIIGI3 00 03 /0 101	115-127.50
Lean 85-90% lean	
Bulls:	00-120
	1/5 10/
1	165-196
1-2	142.50-153
Dairy bulls:	
1	155-160
1-2	122
Calves: 420	
Feeder calves:	
#1 Hol bulls	550-810
#2 Hol bulls	425-550
#3 Hol bulls	200-400
Utility bulls	5-55
#1 Hol heifers	425-585
#2 Hol heifers	175-375
// £ 1101 11011013	113-313

Wyalusing Livestock

Utility heifers

wyulusili	y, ru.
October 21	, 2024
Cows:	
Fat	1.05-1.18
Good	.85-1.02
Lean	.4595
Holstein calves:	
70-89 lbs.	3.50-5.30
90-110 lbs.	2.50-5.00
Feeder cattle:	
200-300 lbs.	1.20-1.90
301-500 lbs.	.95-1.85
501-700 lbs.	1.00-1.60
701-900 lbs	95-1

4													
	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25	APR-25	MAY-25	JUN-25	JUL-25	AUG-25	SEP-25	TREND
-	CLASS III MII	LK FUTURES (\$/C\	WT) vs. wk ago:	Oct24 up \$0	.20; Nov-De	ec24 dn \$0.60	0-0.80; Jan-M	lar25 dn \$0.1	5; Apr-Sep2	5 firm to \$0.1	15 higher.	12-Month Av	g. 20.05 ††
th	22.75	20.32	20.60	20.41	19.91	19.70	19.50	19.40	19.40	19.48	19.55	19.61	MIXED
0		LK FUTURES (\$/C\										L2-Month Av	
	20.91	21.15		21.15	21.22	21.20	21.20	21.40	21.40	21.40	21.40	21.45	MIXED
LI/ DA												-	
		minus CLASS 3 : 6 20.58 20.17											
		2 19.07 19.07											
ASIS		4 1.51 1.10					1.50 1.33					1.03 0.82`	
\		TURES (\$/BU											
	DEC-24		MAY-25	JUL-25	SEP-25	DEC-25	MAR-26	MAY-26	JUL-26	SEP-26	DEC-26	DEC-27	TREND
	4.190		4.396	4.436	4.356		4.522	4.594	4.620		4.502		1KLNL
V		FUTURES (\$/		4.430	4.550	4.420	4.322	4.534	4.020	4.500	4.302	4.440	- 11
10 A	DEC-24		MAR-25	MAY-25	JUL-25	AUG-25	SEP-25	0CT-25	DEC-25	JAN-26	MAD 26	MAY-26	TDENE
													TREND
1900	314.5	313.4	313.0	315.0	318.2			317.6	319.9	321.7	320.3	N/A	ļļ.
100		REMIUM ALFAL JUL-23 AUG-									4 .1111 -24	ΔIIG-24 *C	SEP.24
一首目		254.92 243.5											
AILK 2 \$ 1				9.70 21.00 3.88 13.24			20.60 20.10 12.12 12.16				.00 22.80 .48 11.14		23.60 ↑ 9.88 ↓
ighted	_			,			E SPOT DAILY (S					B) WK ENDING	
FAT (A FAT (A FERMI	Avg. 1 to 6 mo. AUCTION 11/0 DUCT INDEX AMF) : LK POWDER	. FORWARD COM 05/24 \$3.2799 11 0.3 N/A N/A	SKIM POV SKIM POV BUTTER CHEDDAR MOZZARE	metric ton conv NDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2	verted to \$/I 1.2454↓↓ 1 2.9469↓↓ 0 2.1333↑↑ 4 2.0685↓↓ 8	LB PI 8% NFDM .3% BUTTER 2% CHEDDA 2% CHEDDA	rev. 5 day Lds	Spot price Wee 3600↑↑ 1.3 6550↑↑ 2.6 9100↓↓ 1.9 9075↓↓ 1.9	ekly Avg 69211 NFD 87511 BUT 200NC CHE 32511 CHE	10 PROD MIL. DM 14 TER 6. EESE-40 12 EESE-500 13	LBS WTED AVG 1.3 1.34871 .9 2.6439 2.0 2.1277 3.4 2.1599	*U.S. Wee averaged used in Fit NEW! U ALL-MIL FL \$25.9	ekly NDPSR is for the Month MMO formulas SDA *JUN-24 LK BF *MAILBO 90 3.82 \$24.84
T GDT. - PRO KFAT (A TERMI TOSE	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX MF) LK POWDER	D5/24	NTRACTS per r SKIM POV 8% BUTTER 8% CHEDDAR A MOZZARE 8% WHOLE PO	Metric ton conv NDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 NWDER (WMP) 1	verted to \$/I 1.2454↓↓ 1 2.9469↓↓ 0 2.1333↑↑ 4 2.0685↓↓ 8 1.6120 N	.8% NFDM .3% BUTTER .2% CHEDDA CHEDDA DRY WH	rev. 5 day Lds 9 43 1.8 81 2.4 AR-40 9 1.4 AR-500 7 1.6 [EY 15 0.6]	Spot price Wee 3600↑↑ 1.30 6550↑↑ 2.60 9100↓↓ 1.92 9075↓↓ 1.93 6025↑↑ 0.60	# FMM 69211 NFD 87511 BUT 200NC CHE 32511 CHE 02511 DRY	OPROD MIL. OM 14 TER 6. EESE-40 12 EESE-500 13 WHEY 5	LBS WTED AVG 1.3 1.34871 .9 2.6439 2.0 2.1277 3.4 2.1599 .8 0.5611	*U.S. Wee averaged used in FN U.S. Wee averaged U.S. Wee AVERAGE U.S. Wee U.S. Wee AVERAGE U.S. Wee U.S. W	ekly NDPSR is for the Month MMO formula SDA * JUN-2 LK BF * MAILBO 90 3.82 \$24.8 90 3.83 \$23.9 90 3.97 \$23.0
T GDT. -PRO KFAT (A TERMI TOSE	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX MF) LK POWDER	. FORWARD COM 15/24	NTRACTS per II SKIM POV SM BUTTER CHEDDAR A MOZZARE WHOLE PO	Metric ton conv NDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WWDER (WMP) 1	verted to \$/I 1.2454↓↓ 1 2.9469↓↓ 0 2.1333↑↑ 4 2.0685↓↓ 8 1.6120 N	B Ph NFDM BUTTER CHEDDA CHEDDA DRY WH	rev. 5 day Lds	Spot price Wee 3600 ↑↑ 1.3 6550 ↑↑ 2.6 9100 ↓↓ 1.9 9075 ↓↓ 1.9 6025 ↑↑ 0.6 ERAL ORDE	# FMM ## 692	10 PROD MIL. 14 TER 6. EESE-40 12 EESE-500 13 WHEY 5. 5/LB) * = *N.	LBS WTED AVG 1.3 1.34871 .9 2.6439 2.0 2.1277 3.4 2.1599 3.8 0.5611 EW	**U.S. Wee averaged used in Fit **III NEW! U ALL-MIL FL \$25.9 SE \$25.9 APP \$25.9 NEM \$23.0 NY \$23.0	ekly NDPSR is for the Month MMO formula: SDA * JUN-2- LK BF * MAILB 90 3.82 \$24.8 90 3.83 \$23.9 90 3.97 \$23.0 70 4.12 \$22.8 30 4.07 \$22.6
FAT (A FERMI FOSE NNOI	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX MF) LK POWDER JNCED FED V ↓ CL II↑	. FORWARD COM 05/24	WIRACTS per r SKIM POV SW BUTTER CHEDDAR A MOZZARE WHOLE PO C PRICES (\$ CL IV 11	metric ton conv VDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WWDER (WMP) 1 S/CWT) NAS	verted to \$/I 1.2454	B PH NFDM BUTTER CHEDDA CHEDDA DRY WH	rev. 5 day Lds 9 43 1.8 81 2.4 AR-40 9 1.4 AR-500 7 1.6 [EY 15 0.6]	Spot price Wee 3600 ↑↑ 1.30 6550 ↑↑ 2.60 9100 ↓↓ 1.90 9075 ↓↓ 1.90 6025 ↑↑ 0.60 ERAL ORDE	ekly Avg 69211 87511 200NC 32511 02511 R VALUES (\$	10 PROD MIL. 10 M 14 TER 6. EESE-40 12 EESE-500 13 WHEY 5. 5 / LB) * = * N/ SEPT.	LBS WTED AVG 1.3 1.34871 .9 2.6439 2.0 2.1277 3.4 2.1599 .8 0.5611	*U.S. Wee averaged used in FI USE VI VI VI VI VI VI VI VI	ekly NDPSR is for the Month MMO formula: SDA *JUN-2. K BF *MAILB0 90 3.83 \$23.9 90 3.97 \$23.0 70 4.12 \$22.8 30 4.07 \$22.6 20 3.94 \$22.3 30 3.96 \$22.3
FAT (A FAT (A) FAT (A)	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX IMF) LK POWDER JNCED FED DV LL IIÎ OV) 22.40(s	. FORWARD COM 05/24 \$1.0.3 3.2799 11 0.3 N/A N/A 0.4060 \$1.5.8 ERAL ORDER 1 CL III11 EEP) 23.34(SEP	NTRACTS per riskim pov skim pov skim pov skim pov skim pov cheddar a mozzare whole po cliv 11 22.29(sep)	metric ton conv VDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WWDER (WMP) 1 \$/CWT) NAS ALL-MILK-) 23.60(A)	verted to \$/\\\.2454 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	LB PI .8% NFDM .3% BUTTER .2% CHEDDA CHEDDA DRY WH LK CI WILK-PA WE O(JUL) ↑↑ PR	rev. 5 day Lds	Spot price Wee 3600 11 1.30 6550 11 2.60 9100 11 1.92 9075 11 1.93 6025 11 0.60 ERAL ORDE 1-WK SEPT. 1-UE MAKE ALL	ekly Avg 69211 87511 200NC 32511 02511 R VALUES (\$	10 PROD MIL. 10 M 14 TER 6 EESE-40 12 EESE-500 13 V WHEY 5 S/LB) * = *N SEPT. COMP(LBS WTED AVG 1.3 1.34871 .9 2.64391 2.0 2.12771 3.4 2.15991 .8 0.56111 EW	**U.S. Wee averaged used in FI LL NEW! U ALL-MIL APP \$25. APP \$25. APP \$23. NY \$23. OH \$23. IN \$23. MN \$23. MN \$23. CA \$21.4	Ekly NDPSR is for the Month MMO formula SDA * JUN-2. K BF * MAILB 90 3.82 \$24.8 90 3.83 \$23.9 03.97 \$23.0 70 4.12 \$22.8 30 4.07 \$22.6 20 3.94 \$22.3 30 3.96 \$22.3 00 4.35 \$22.2 80 4.10 \$22.2 80 4.10 \$22.2 80 4.10 \$22.2
FAT (A) FAT (A	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX IMF) LK POWDER JNCED FED DV LL IIÎ OV) 22.40(s	. FORWARD COM 05/24	NTRACTS per riskim pov skim pov skim pov skim pov skim pov cheddar a mozzare whole po cliv 11 22.29(sep)	metric ton conv VDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WWDER (WMP) 1 \$/CWT) NAS ALL-MILK-) 23.60(A)	verted to \$/\\\.2454 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	.8% NFDM .3% BUTTER .2% CHEDDA .2.% CHEDDA DRYWH LK CUMILK-PA PR PR CH	rev. 5 day Lds	Spot price Wee 3600 1.34 6550 1.34 6550 1.34 6550 1.95 6025 1.95 1.95 6025 1.95 1.95 6025 1.95	kkly Avg 69211 87511 200NC CHE 02511 DRY R VALUES (3 30, 2024	10 PROD MIL. 10 M 14 TER 6 EESE-40 12 EESE-500 13 V WHEY 5 E/LB) * = *N. SEPT. COMPO	LBS WTED AVG 1.3 1.34871 .9 2.6439 2.0 2.1277 3.4 2.1599 .8 0.5611 EW 2024 DNENTS	*U.S. Wee averaged used in Fit U.S. ALL-MILL ALL-MILL ALL-MILL ALL-MILL ALL-MILL SE \$25. SE \$25. NEM \$23. NY \$23. OH \$23. IN \$23. MN \$23. MN \$23. IN \$23. IN \$23. IN \$23. IN \$23. IL \$23. IL \$23.	Ekly NDPSR is for the Month MMO formula SDA * JUN-2. K BF * MAILBi 90 3.82 \$24.8 90 3.97 \$23.0 70 4.12 \$22.8 30 4.07 \$22.6 20 3.94 \$22.3 90 4.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.35 \$20.
FAT (A ERMI OSE INOU I AE .53(N	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX IMF) LK POWDER UNITED FED DV L CL III OV) 22.40(s	. FORWARD COM 05/24	NTRACTS per r SKIM POV SKIM POV BUTTER CHEDDAR A MOZZARE WHOLEPO CL IV 17 22.29 (SEP) DNTH AGO 21.58 AR AGO	metric ton conv WDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WDER (WMP) 1 5/CWT) NAS ALL-MILK- 1 23.60(A 4.09F	verted to \$/I 1.2454 II 1 1.9469 II 0 1.1333 T1 4 1.0685 II 8 1.6120 N SS ALL-MI -U.S ALL-I 1.001 24.1 4.00 1.007 23.1	LK CU LK CU O(JUL) 11 O(JUL) 12 O(JUL) 14 O(JUL) 15 FILE CHEDDA CHEDDA O(JUL) 11 O(JUL) 11	rev. 5 day Lds	Spot price Wee 36001	FMM	10 PROD MIL. 10 M	LBS WTED AVG 1.3 1.34871 1.9 2.64391 1.0 2.12771 1.4 2.15991 1.8 0.56111 EW 1.2024 DNENTS 2.9249↑↑ 3.6114↑↑ 1.1109↑↑	*U.S. Wee averaged used in Fit ALL-MIL ALL-MIL ALL-MIL ALL-MIL FL \$25. SE \$25. NEM \$23. NY \$23. OH \$23. IN \$23. IL \$23. PAwestern PL U.S. \$22.	ekiy NDPSR is for the Montal WIMO formula WIMO formula SDA * JUN-2. K BF * MAILB 890 3.83 \$23.9 90 3.85 \$23.9 90 4.12 \$22.8 30 4.07 \$22.6 303 3.96 \$22.3 30 3.96 \$22.3 30 4.10 \$22.1 30 4.11 \$22.1 4.0 support \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 4.0 \$22.0 \$22.0 4.0 \$22.0 \$22.0 4.0 \$22.0 \$22.0 \$20.0 \$22.0 \$20.0 \$
FOR I GOT I GOT I GOT I GOT I GOT I GOSE NNOI I AC .53(N	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX IMIF) LIK POWDER (UNICED FED DV L CL II 1 OV) 22.40(s 22.05 19.98	DEPORT A SECOND	NTRACTS per rr SKIM POV SKIM POV BUTTER CHEDDAR MOZZARE WHOLEPO CL IV 11 22.29(SEP) NNTH AGO 21.58 AR AGO 19.09	metric ton conv WDER (SMP) 1 2 RIBULK) 2 ELLA (BULK) 2 WDER (WMP) 1 5/CWT) NAS ALL-MILK- 23.60(A 4.09F	verted to \$/II.2454 1 1.2454 1 1 1.29469 1 0 0 1 1 1 1 1 1 1	LB NFDM SUTTER 1.3% NFDM SUTTER 1.2% CHEDDA CHEDDA CHEDDA (CHEDDA CHEDDA CHEDD	Rev. 5 day Lds 43 1.2 48.4 49 1.2 48.4 49 1.2 48.4 49.4 49.4 49.4 49.4 49.4 49.4 49.4	Spot price Wee 36001	FMM	10 PROD MIL. MIL.	LBS WTED AVG J.3 1.34871 .9 2.6439 .0 2.1277 .8.4 2.1599 .8 0.5611 .EW .2024 .2024 .2024 .2024 .3.6114↑↑ 3.6114↑↑	*U.S. Wee **I averaged used in Fit USE (In In I	ekly NDPSR is for the Month IMMO formula: SDA * JUN-2. K BF * MAILB 890 3.82 \$24.8 890 3.83 \$23.94 890 3.87 \$23.05 890 3.97 \$23.05 890 3.97 \$23.05 890 4.07 \$22.65 890 4.10 \$22.25 890 5.10 \$25.55 \$25.5
T GDT. -PRO KFAT (A TERMI TOSE NNOU . I AE 2.53(N	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX IMF) LIK POWDER USPECE FED VII CL III OV) 22.40(s 22.05 19.98 U.S. AVG.	DEPICT OF SET OF	NTRACTS per rr SKIM POV SKIM POV BUTTER M CHEDDAH A MOZZARE WHOLEPO CL IV 17 P) 22.29(SEP) P) 21.58 AR AGO 19.09 HEIFERS (3r	metric ton conv WDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WDER (WMP) 1 5/CWT) NAS ALL-MISA 23.60 (A.09F) 22.80 4. 19.60 4. d trimester) p	verted to \$/1 1.2454 1 1 1.9469 1 0 2.1333 1 4 2.0685 1 8 1.6120 N SS ALL-MI -U.S ALL-I UG) 1 24.1 4.00 0.07F 23.1 Der head as i	LB NFDM .3% BUTTER .2% CHEDDA .2% CHEDDA DRY WH LK CU WWW. CHEDDA .2% CHEDDA	Rev. 5 day Lds	Spot price Wee 36001	NED	10 PROD MIL. 10 M 14 TTER 6 EESE-40 12 EESE-500 13 VWHEY 5 EVENT 15 EVENT	LBS WTED AVG 1.3 1.34871 9. 2.64391 3.4 2.12771 3.4 2.12591 8. 0.56111 EW 2.2024 DNENTS 2.9249↑↑ 3.6114↑↑ 1.1109↑↑ 0.3430↑↑	*U.S. Wee **I averaged used in Fit USE VICTOR	ekly NDPSR is for the Month IMMO formula: SDA * JUN-2. K BF * MAILB 890 3.82 \$2.9 90 3.82 \$2.2 80 4.07 \$22.6 \$2.3 94 \$2.2 80 4.07 \$22.6 \$2.3 94 \$2.2 80 4.0 \$2.2 2.0 80 4.0 \$2.2 2.0 80 4.0 \$2.2 2.0 80 4.0 \$2.2 2.0 80 4.0 \$2.2 2.0 80 4.0 \$2.2 2.0 80 4.0 \$2.2 52.1 \$2.0 \$2.0 \$2.0 \$2.0 \$2.0 \$2.0 \$2.0 \$2.0
T GDT. -PRO KFAT (A TERMI TOSE NNOU I AC 2.53(N	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX MIF) LK POWDER UNIT CL III OV) 22.40(s 22.05 19.98 U.S. AVG. AUG-23 1540	DEPORT OF THE PROPERTY OF THE	NTRACTS per r SKIM POV SKIM PO	metric ton conv WDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WDER (WMP) 1 6/CWT) NAS ALL-MILK- 23.60 (4.09F) 22.80 4. 19.60 4. d trimester) p 23 DEC-23 N/A	verted to \$/1 1.2454 1 1 1.9469 1 0 2.1333 1 4 2.0685 1 8 1.6120 N SS ALL-MI -U.S ALL-I UG) 1 24.1 0.07F 23.1 0.00F 20.1 0.00F 20.1 0.00F 20.1	LB	rev. 5 day Lds 43 1. 43 1. 2. 43 4. 2. 43 4. 4. 4. 4. 4. 4. 4	Spot price Wee 3600 ↑↑ 1.30 6550 ↑↑ 2.61 99100 ↓↓ 1.92 9075 ↓↓ 1.92 6025 ↑↑ 0.61 ERAL ORDE 4-WK SEPT. 1- JE MAKEALL 32 0.2003 37 0.1715 99 0.1678 21 0.1991 ational Dairy 4 MAY-24 2115	NED	10 PROD MIL. 10 M 14 TTER 6 EESE-40 12 EESE-500 13 VWHEY 5 EVENT 15 EVENT	LBS WTEDAYG 1.3 1.34871 9. 2.64391 3.4 2.15991 8. 0.56111 EW 2024 DNENTS 2.9249↑↑ 3.6114↑↑ 1.1109↑↑ 0.3430↑↑ -24 *SEP-24	*U.S. Wee **I averaged used in Fit Used in Fit Used Used Used Used	ekly NDPSR is for the Month IMMO formula: SDA * JUN-2. K BF * MAILB 890 3.82 \$2.39 990 3.97 \$23.00 77 \$2.6 \$2.28 \$2.39 \$2.23 \$2.39 \$2.20 \$
FGDT. PRO FAT (A FERMI FOSE NNOU I AE .53(N	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX IMP) LIK POWDER UNCED FED VII CL III OV) 22.40(s 22.05 19.98 U.S. AVG. AUG-23 1540 U.S. AVG.	DEPORT OF THE PROPERTY OF THE	KIRACTS per IT SKIM POV SKIM P	metric ton conv NDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WDER (WMP) 1 6/CWT) NAS ALL-MILK- 23.60 (A 4.09F 22.80 4. 19.60 4. d trimester) p 23 DEC-23 N/A reported by U	verted to \$/II. 2454 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	LB Pr	rev. 5 day Lds	Spot price Wee 3600 † 1.31 (6550 † 1.61 (9100 † 1.91 (9075 ‡ 1.91 (907	Section Sect	10 PROD MIL. MM	LBS WIEDAVG 1.3 1.34871 1.9 2.64391 1.0 2.12771 1.4 2.15991 1.8 0.56111 1.10911 1.110911 1.343011 1.24 *SEP-24 2800	*U.S. Wee averaged used in Fit used in Fit ALL-MILL ALL-M	ekly NDPSR is for the Month with MMO formula: SDA * JUN-2. K BF * MALB6 90 3.83 \$23.9 90 3.83 \$23.9 90 3.87 \$22.6 20 3.94 \$22.3 90 4.07 \$22.6 \$22.3 9.0 4.12 \$22.1 9.0 4.08 \$22.1 \$20.0 4.08 \$22.1 \$20.0 4.08 \$21.6 \$20 4.22 \$21.7 \$20.0 \$21.6 \$10 \$21.7 \$20.0 \$21.6 \$10 \$21.7 \$20.0 \$21.6 \$10 \$21.7 \$20.0 \$21.6 \$10 \$21.7 \$20.0 \$21.6 \$10 \$21.7 \$20.0 \$21.6 \$10 \$21.7 \$20.0 \$21.6 \$10 \$21.0 \$21.0 \$10 \$21.0
T GDTPRO KFAT (A TERMITOSE NNOU I AE53(N	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX IMP) LIK POWDER UNCED FED VII CL III OV) 22.40(s 22.05 19.98 U.S. AVG. AUG-23 1540 U.S. AVG. 1634	DEPORT OF THE PROPERTY OF THE	WIRACTS per SKIM POV	metric ton conv NDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WDER (WMP) 1 6/CWT) NAS ALL-MILK- 23.60 (A 4.09F 22.80 4 19.60 4 d trimester) p 23 DEC-23 N/A reported by U N/A	verted to \$/I 1.2454 11 1 1.9469 11 0 1.0685 11 8 1.0685 11 8 1.06120 N SS ALL-MI UG) †† 24.1 4.00 1.00F 20.1 1.00F 20.1 1.00F 20.1 1.00F 20.1 1.00F 20.1 1.00F 20.1	LB Pr	rev. 5 day Lds	Spot price Wee 3600 ft 1.31	Section Sect	10 PROD MIL. M	LBS WIEDAVG 1.3 1.34871 .9 2.64391 .9 2.64391 3.4 2.15991 8.8 0.56111 EW 1.2024 DNENTS 2.924911 3.611411 1.110911 0.343011 -24 *SEP-24 *2800 *2800	*U.S. Weed in Fit used in Fit used in Fit ALL-MILL FL ** SE5.5 SE ** SE5.5 SE ** SE5.3 NY \$23.3 NY \$23.4 NY \$23.4 NEMS \$22.4 NG NIA \$22.5 NEMS \$22.4 NEMS \$22.4 NM \$22.5 NEMS \$	Wigner W
T GDT.:-PRO KFAT (A TERMI TOSE NNOU . I AE 2.53(N	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX IMF) LK POWDER UNCED FED IV L LII OV) 22.40(s 22.05 19.98 U.S. AVG. AUG-23 1540 U.S. AVG. 1634 CATTLE - DA	DEPORT OF THE PROPERTY OF THE	WIRACTS per r SKIM POV	metric ton conv WDER (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 WDER (WMP) 1 5/CWT) NAS ALL-MILK- 23.60(A 19.60 4 d trimester) p 23 DEC-23 N/A reported by U N/A DA and other	verted to \$/I 1.2454 11 1 1.9469 11 0 1.0685 11 8 1.0685 11 8 1.06120 N SS ALL-MI UG) †† 24.1 4.00 1.00F 20.1 1.00F 20.1 1.00F 20.1 1.00F 20.1 1.00F 20.1 1.00F 20.1	LB NFDM BUTTER 2.3% (HEDDA DRY WH CHEDDA ON OUT OF THE CHEDDA OUT OF THE CHEDDA OUT	Rev. 5 day Lds	Spot price Wee 3600 ft 1.31	692111 NFD 692111 NFD 892111 NFD 8925111 BUT CHE 692511 CHE 692511 CHE	10 PROD MIL. MI	LBS WIEDAVG 1.3 1.34871 1.9 2.64391 2.0 2.12771 3.4 2.15991 2.8 0.56111 EW 2.2024 DNENTS 2.9249↑↑ 3.6114↑↑ 1.1109↑↑ 0.3430↑↑ -24 *SEP-2.	*U.S. Wee **I averaged used in Fit USE (II) **I averaged used in Fit USE (III) **APP \$25. **I \$25. **APP \$25. **I \$25. **I \$23. **I \$23	space of the month
FGDT. PRO FAT (A FERMI FOSE NNOU I AE .53(N	Avg. 1 to 6 mo AUCTION 11/0 DUCT INDEX IMF) LK POWDER UK POWDER 22.40(s) 22.05 19.98 U.S. AVG. AUG-23 1540 U.S. AVG. 1634 CATTLE - DA *MILK COW	DEPORT OF THE PROPERTY OF THE	SKIM POV	metric ton conwider (SMP) 1 2 R(BULK) 2 ELLA (BULK) 2 ELLA (BULK) 2 WDER (WMP) 1 S/CWT) NAS ALL-MILK- 23.60(A 19.60 4. d trimester) p 23 DEC-23 N/A reported by U N/A DA and other H HEIFI	verted to \$/II.2454 # # 1	LB	Rev. 5 day Lds 43 1.	Spot price Wee 36001 1.3	692111 NFD 692111 NFD 692111 NFD 875111 BUT CHE 602511 DRY R VALUES (3 30, 2024 .0W NET 2.0879 1 2.9822 1 1.1221 1 0.3330 1 Comprehensi JUN-24 JU 2016 N 1624 N rolling avera; bs Beef X	10 PROD MIL. MI	LBS WIEDAVG 1.3 1.34871 .9 2.64391 .8 0.56111 EW 2.2024 DNENTS 2.9249↑↑ 3.6114↑↑ 1.1109↑↑ 0.3430↑↑ -24 *SEP-2 *2800 4 *2800 4 *2800 6 *15,2024 Beef X 900-	*U.S. Weed in Fit averaged used in Fit ALL-MII ALL-MII ALL-MII LIL SE \$25.1 NY \$23.3 NY \$23.3 CA \$21.1 PAesat \$23.1 L \$23.1 L \$23.1 PAwestern Pf U.S. \$22.4 MO N/A F030 \$22.2 TX \$23.4 MI \$22.4 MO S24.4 A \$22.4 MOR \$24.4 NAM \$21.1 PAESA \$23.3 MI \$22.4 MOR \$24.4 NAM \$22.5 MI	schiy NDPSR is for the Month with MMO formula: SDA * JUN-2. K BF * MAILB 890 3.82 \$24.8 890 3.83 \$23.9 900 3.97 \$23.0 900 3.94 \$22.8 900 4.07 \$22.6 900 4.05 \$22.3 900 4.05 \$22.1 900 4.08 \$22.1 900 4.08 \$22.1 900 4.08 \$22.1 900 4.08 \$22.1 900 4.08 \$22.1 900 4.08 \$22.1 900 4.08 \$22.1 900 4.08 \$22.1 900 4.09 \$21.6 900 4.00
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Industry love affair with culling

Dairy Industry's Love Affair with Culling: Decades of Failed

Mastitis is a thief on dairy farms. Beyond cost due to lost milk production and treatment costs, mastitis is linked to other ailments that pile on losses, including earlier than intended culling, lameness and mortality all summing to \$793/cow/year. Bill Gehm, a Partner in LR Gehm, LLC, offers a wide-ranging perspective on mastitis and focuses on a major culprit (in his opinion): alternating pulsation milking systems.

Read the full article in The Milkweed and at TridentPulsation.com/articles or call for a copy.

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NOVEMBER 20, 2024 AT 12PM 442 BAKER FARM RD/GORMAN RD



TRACTS | 195+ACRES TILLABLE MINUTES TO DEEP CREEK LAKE & RESORT! READY TO START MILKING!

TRACT 1: 339±Acres (150±acres tillable) w/ an incredible farmhouse w/ 5-6 BR, 2.5 bath, FARM BUILDINGS: double-12 milking parlor (built 2017 / stopped milking 2 months ago) w/office w/ sink, shower, washer/dryer, milk house, 27x70 130cow holding Area, 38x68 loafing area, 70x78 bank barn, 30x50 equipment shed w/ 28x30 shop bay, 12±energy free waterers, shop/garage & more. **TRACT 2:** 51±Acres farmland w/beautiful views! Property lays nice. 45±Acres tillable. 1,300 ±ft road frontage. Property is in farm preservation.

PROPERTY SHOWINGS NOV 9th & 14th 10AM-12NOON

DIRECTIONS

From Oakland, go E on Rt 135/E Oak St for 1.8mi. Right on Gorman St/Paull St. Left on E Third Ave/Rt 560/Lothian St for 0.6mi. Right on Baker Farm Rd for 0.8mi. Property on **BOTH** sides of road.



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10 BROWN ROAD, SHIPPENSBURG, Thursday, November 21 @ **10 A.M. Eday sale!** Special Thanksgiving Dairy Cow & Heifer Sale

- **★ CONSIGN OR BUY THE TOP COW AND GET A FREE TURKEY!!!** ★
- **★ 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 and fancy Holsteins out of one top herd, freestall / parlor trained!
- * Expecting a good selection of heifers from calves to close springers! Many A.I. sired with several Registered.
- ★ 6 Reg. heifers with great pedigrees! More info later.
- **★ 8-10 BREEDING AGE BULLS SELL, OUT OF GOOD PEDIGREES!**
- **★** Semen selling; including some older, hard to find Elevation, Valient Rockie, Enhancer, Elevation Tony, 2 Ivanhoe embryos, 3 Kingpin embryos, 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





Sale Barn Ivan Brubacker 717-414-6657

<u>Pedigrees</u> Art Kling

<u>Join us for our 'Special Chi</u> as Dairy Cow And Heifer Sale December 19th, 2024 at 10:00 a.m.

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Starbuck, Citation R, Eleva-

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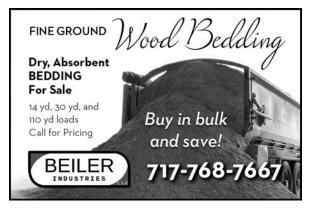
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Transplant

block and stop pumping. Furthermore, he told the couple there are no drugs and no treatments for the disease outside of a heart transplant. The Andersons were referred to the hospital Children's Wisconsin in Milwaukee.

"The specialist told us it is so rare, he has never seen a case in his career or treated it," Anderson said. "He said less than 2% - 5% of cardiomyopathy patients develop restrictive, and they are usually adults."

Lexi's cardiomyopathy has a genetic component, but doctors do not know how she developed restrictive.

"Normally restrictive comes from something like chemotherapy or having too much iron or protein build-up in the heart," Anderson said. "Lexi's tests show the right amount of protein and iron. We literally drew the short straw in the lottery with this."

The disease has progressed rapidly. Lexi must be within six hours of the Milwaukee hospital at all times, in the event a heart becomes available.

"She's been getting sick at nights; the weather has been hard on her," Anderson said. "She can't eat full meals because she gets sick, she has to eat lots of small meals. They are concerned about her weight dropping. That can mean the heart failure is progressing faster."

Despite the gravity of her situation, the Andersons are trying to figure out how to walk the thin line between protecting their daughter and allowing her to be a kid. She started 6th grade this fall.

"Not being able to play sports or take part in gym is driving her insane," Tamala said.

Lexi was able to take part in showing both dairy and sheep at the Barron County Fair over the summer. Her cousins were on standby to take over in the show ring if the exertion became too much. The Andersons hoped Lexi could show at World Dairy Expo, with the same precautions, and she did. In fact, she showed several heifers and cows in the International Jersey Show Sept. 30 and Oct. 1. She says one of her favorite parts of being in the ring was seeing her cousin's homebred winter yearling named junior champion of the Junior show.

Since her diagnosis last winter, Lexi and her family have felt the love of the local and now broader dairy community.

This summer at the Barron County Fair, when Lexi's market lamb failed to make the fair's livestock auction, fellow 4-H student Holly Hargrave stepped up, donating the proceeds from her lamb to her friend. The lamb had sold for more than \$27,000. To raise that amount, it was sold four times, first to J&A Northwest Construction who donated it back, and then to three others who did the same: local dairyman Bob Lentz, Two Rivers Accounting LLC and local veterinarian Dr. Don Peterson.

A similar special sale event is planned by Oregon Jersey breeder Eric Silva for the All-American Jersey Show at the North American International Livestock Exposition in Louisville.

Meanwhile, Lexi is listed as 1B on the transplant list and will move to a 1A status when she is admitted to the hospital, which could be at any moment.

"She is O-positive, so it has to be an O blood-type heart, and, because of her size, it has to be a heart from a child aged 5-10," Anderson said. "One day she asked me who would just

give her their heart. We had to have the talk about how a heart would become available."

That talk hit close to home for both Lexi and her mother. Lexi's older sister, Emma, was killed in an all-terrain vehicle accident Aug. 27, 2020.

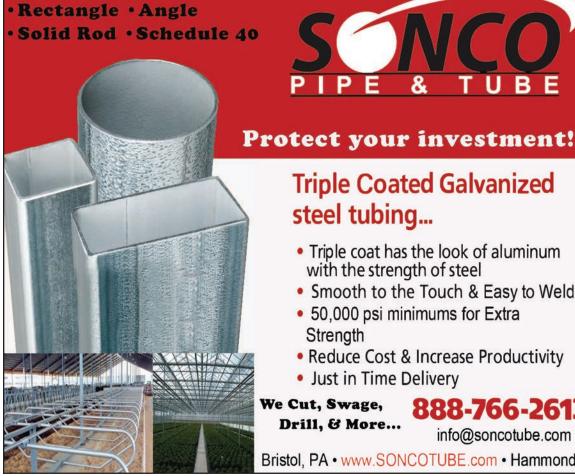
"She asked me if Emma's heart had been donated," Tamala said. "I told her we had allowed them to take whatever organs could be used to save another child."

· Round · Square

While the Andersons have had to be strong in the face of

everything Lexi is up against, inside she is struggling, Tamala admitted. She was emotional as she talked about what she is facing.

"Honestly, I pray to God every day — you already needed to take one of my kids, please don't take another because I won't be able to handle that," she said. "I have to be strong right now, but if something happens ... I have to believe it won't. They said they are going to find something for Lexi. They never have not found anything."



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