

SUMMER 2016

HEIFER NOTES

Growing Our Future™



DCHA

DAIRY CALF & HEIFER ASSOCIATION



— NEW —
GOLD
STANDARDS

**COMING
SUMMER
2016!**

Producers continue “Moving Forward” with a motivating Dairy Calf and Heifer Association Conference

More than 1,000,000 cattle from 27 states and 10 countries represented

Over 500 dairy calf and heifer growers, industry representatives and allied associates attended the 2016 DCHA Conference. Months of planning by producers, academia and more culminated in a successful conference highlighting the best in the industry.

“The DCHA Conference this year showed our commitment to our members,” says Lane Sollenberger, DCHA President and owner of Dream Farms in Newburg, Pa. “It was great to be able to see the continued growth of the organization through the people at the conference. I always enjoy opportunities to learn from the diverse group of people that speak at the conference and those you can meet between sessions. We really got to focus on teamwork and opportunities for moving our own operations forward. As DCHA’s president, I’m honored to be able to be a part of DCHA’s continued growth and development. I can’t wait to see what the future holds.”

The DCHA team created the three-day agenda with a focus on calf and heifer performance, employee empowerment and financial success.

CONFERENCE HIGHLIGHTS

Farm tours: Attendees toured Nehls Bros. Farms, a 2,100-cow facility in Juneau, Wis. which focuses on both calf health and team member communication. Additionally, attendees saw a low-velocity ventilation calf barn, precision calf care techniques and exceptional team member management practices at Rosy-Lane Holsteins in Watertown, Wis.

Educational sessions: A variety of seminar-style sessions were offered during the conference, covering: calf health, heifer performance, dairy beef, employee management and more.

Industry tradeshow: More than 60 innovative companies highlighted the latest products, technology and information at their booths.

Keynote speaker: Paul Vitale, of Vital Communications, Inc., emphasized the importance of building up the enthusiasm of individuals and creating a more unified team.

Annual meeting: DCHA celebrated 20 years and their continued mission to move the industry forward. The 2016 scholarship was also awarded to Erika Nagorske of Falcon Heights, Minn.

Social media giveaway: Attendees used #DCHA2016 throughout the conference to share their experiences on social media. Wicton Farms won a free 2017 conference registration for using #DCHA2016 on social media.

Post-conference tour: Attendees got first-hand lessons about cleaning and sanitation, diagnosing calf scours and administering fluid therapy during the event hosted by the Wisconsin Veterinary Diagnostic Laboratory and the University of Wisconsin-School of Veterinary Medicine.

**MAKE PLANS TO
JOIN DCHA
FOR THE 2017
CONFERENCE,
SET FOR APRIL
11-13, 2017 IN
MADISON, WIS.**

**Additional information
will be available at:**

- calfandheifer.org
- facebook.com/calfandheifer
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Benefits of balancers

Using a pasteurized waste milk balancer can help bridge these nutritional shortfalls you might be facing in your nutritional program.

1. Consistency – Solids levels in waste milk can vary considerably, depending how many fresh versus sick cows contributed to a particular batch; whether flush water may have been rinsed into a load; and how frequently the waste milk is agitated.

2. Performance – A field trial of 240 calves compared the growth of calves fed 2.1 quarts of pasteurized waste milk three times per day, to calves fed the same volume of pasteurized waste milk plus 9 ounces of balancer

per calf per day. Calves on the balancer-enhanced diet gained 17 percent more weight by weaning, and showed greater hip height (8 percent); body length (7 percent) and heart girth (35 percent).¹

3. Milk supply management – Virginia Tech researchers found that dairies typically generate 30 to 60 percent of the waste milk needed to feed all of their preweaned calves.² On dairies feeding a full potential liquid ration, that percentage drops to 10 to 20 percent.

4. Missing nutrients – A comparison to NRC guidelines shows whole milk is deficient in vitamins D3 and E, all seven essential trace minerals, and five of eight essential B vitamins.³ Balancer products contain these additive nutrients to fortify whole milk.

In addition to these benefits, research shows feeding a complete full potential feeding program (full potential milk diet, 22 percent starter and 18 percent grower) can help your calves produce up to 2,740 more pounds of milk in their first lactation.⁴

Nutrient (Vitamin or T.M.)	A (IU)	D3 (IU)	E (IU)	C (mg)	B1 (mg)	B2 (mg)	B3 (mg)	B6 (mg)	B5 (mg)	B12 (mg)	Biotin (mg)	B9 (mg)	Mn (mg)	Zn (mg)	Cu (mg)	Fe (mg)	Co (mg)	Se (mg)	I (mg)
Calf Req./lb. CMR solids (NRC 2001)	5,218	272	23	0	2.95	2.95	4.54	2.95	5.89	31.8	45.4	0.23	18.1	18.1	4.53	45.4	0.05	0.13	0.23
Nutrient/gallon of whole milk (NRC 2001)	5,216	139	3.6	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	0.13	12	0.27	1.4	0.002	0.04	0.07
Nutrients/Gallon 3.25% fat milk (USDA SR-21*)	3,960	0*	3.6	0	1.6	7.2	4	1.6	14	17.2	N/R	0.2	0	15.6	0.4	1.2	N/R	0.14	N/R
Colostrum, 1 gallon, Based on Kehoe JDS 2007	61,733	N/R	29	N/R	3.4	17	1.3	0.15	N/R	2271	N/R	N/R	0.4	144	1.3	20	N/R	N/R	N/R
Colostrum, 1 gallon, Based on Foley JDS 1978	11,151	341	31	94	2.2	18	3.2	N/R	6.5	185	70	30	0.8	46	2.2	8	0.02	N/R	N/R
Suggested daily fort.	28,000	7,500	100	300	20	32	25	50	150	110	8	18.1	18.1	4.53	45.4	0.05	0.13	0.4	

Vitamin B1 – Thiamine
Vitamin B2 – Riboflavin
Vitamin B3 – Niacin
Vitamin B5 – Pant. Acid
Vitamin B6 – Pyridoxine
Vitamin B9 – Folic Acid
* USDA SR-21 for 3.25 fat milk (Vit D used whole milk)
N/R: Not Recorded

Sponsored by Land O'Lakes Animal Milk Products.

1 Land O'Lakes Animal Milk Products Company field trial 2009. Arizona calf-raising operation. Non-balanced pasteurized milk vs. balanced pasteurized milk.
2 Scott, M.C. 2006. Viability of waste milk pasteurization systems for calf feeding systems. Master's Thesis, Virginia Polytechnic Institute and State University.
3 Wood, D. 2013. Milk-fed Calf Needs Vitamins and Trace Minerals. Animix LLC, Juneau, Wis.
4 162,577 lactation observations and 713 animals studied at the Purina Animal Nutrition Center from April 2009 to October 2014

Farm tours kick off a successful conference

Farm tours are a highlight of the DCHA Conference each year. This year's tours were hosted by Rosy-Lane Holsteins, Watertown, Wis., and Nehls Bros. Farm, Juneau, Wis.

ROSY-LANE HOLSTEINS

In 2011, a new calf barn addition was added for 46 calves, bringing total capacity to 130 head. Recently updated low-velocity ventilation runs year-round in both calf

barns. Calf hutches are used for any overflow. The farm has about 200 head from birth to 4 months old and between 80 and 100 calves on milk. Consistency is key in their calf care operation, where they focus on achieving 100% every day. Not 98%. Always 100%.

NEHLS BROS. FARM

The farm focuses on having well-trained, dedicated employees who

understand and follow their calf system. They utilize five basics for calf care: colostrum, calories, cleanliness, comfort and consistency. They emphasize the treatment of each calf and an individual. Their calf care protocols are fully driven by calf age, not groupings or management schedules. Regardless of the day of the week, calves receive age-based protocols on the date needed.

Erika Nagorske receives \$1,000 scholarship



A future Minnesota dairy veterinarian is the recipient of the 2016 Dairy Calf and Heifer Association Scholarship. Erika Nagorske is a fourth-year student at the University of Minnesota College of Veterinary Medicine.

Nagorske earned a Bachelor's Degree in animal science with a pre-veterinary emphasis in 2012 from the University of Minnesota. From an internship at Trans Ova Genetics to an externship through Zoetis' bovine program and beyond, Nagorske has shown outstanding potential.

"She is one of the few students I have worked with who, very early on in her student career, identified dairy youngstock as her area of passion and focus," says Dr. Sandra Godden, Associate Professor at the University of Minnesota College of Veterinary Medicine.

Nagorske's strong motivation to make a positive impact on the dairy calf and heifer industry was a crucial part of selecting her for the scholarship.

"My involvement in dairy calf and heifer consultation will be extensive, as I am most passionate about dairy calf and heifer management and its role as an area of opportunity for many producers," says Nagorske.

"I believe pairing my veterinary knowledge and experiences with consulting skills will allow me to help producers become more efficient and profitable while keeping animal health and welfare a top priority," says Nagorske.

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Upon graduation, Nagorske plans to work at Worthington Veterinary Medical Center in Worthington, Minn. She will conduct herd health monitoring, perform reproductive and milk quality services, work with producers to develop treatment and vaccination protocols and make dairy calf and heifer consultation visits.

DCHA annually awards a scholarship to an outstanding agriculture-focused student with the goal of supporting the future of the dairy industry. Nagorske's passion and commitment to the industry helped her to earn this year's \$1,000 award.

THANK YOU DCHA SPONSORS

The Dairy Calf and Heifer Association would not be possible without the generous support of our industry sponsors.

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