

Minnesota DHIA News

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DHIA Scholarship Application Now Available

Applications are due by November 30th 2020

The application and guidelines are available by visiting mndhia.org

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2. Select Web reports
3. Your Username is your Herdcode
4. Password is your release code

If you don't have a release code, please call 763.682.1091. We only provide release codes to the member.



UNIVERSITY OF MINNESOTA
Driven to Discover™

We encourage Dairy Producers to participate in the Dairy Health Conference

Thursday, August 6, 2020: 1–4:30 p.m CST: “Research Updates”

Speakers and topics:

- Dr. Marin Bozic will provide an update on dairy markets and policy.
- Joe Armstrong “How to Manage the Change to RFID”
- Luciano Caixeta discusses “Are High Ketones Always Bad?” from research on 5 Minnesota dairies
- Gerard Cramer provides a brief update on the latest research related to dairy cow lameness.
- Whitney Knauer “Pair Housing of Dairy Calves: Advantages Over Individual Housing”
- Pat Gorden of ISU “Update on Mitigation of Lameness Pain”
- Erin Royster “Selective Dry Cow Therapy: The Time is Right!”
- Sandra Godden “Bedding Management and Udder Health: How to Get Better Results out of Recycled Manure Solids and Sand Bedding

CSTFees: \$50 per webinar or \$125 for all three. This session is August 6. Current students can register for \$15 per webinar. For more information, please visit:

<https://ccaps.umn.edu/minnesota-dairy-health-conference>

What is this new test? New Tool in Milk Production and Herd Health!

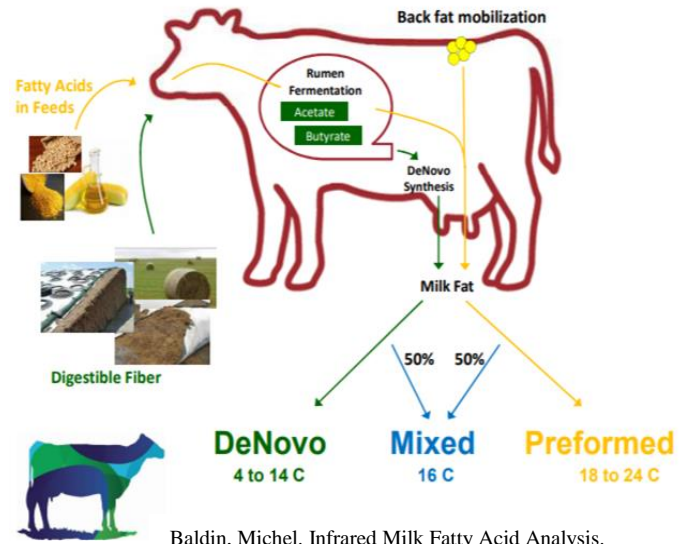
Fatty acid analysis, which looks at DeNovo, Mixed, and Preformed Fatty Acids in bulk tank milk, is now available at the Minnesota DHIA lab. Gaining components without losing production, sounds like a win-win situation.

Consult your Nutritionist!

Background:

For bulk tank milks, the interpretation of the data helps understand how well the herd (or subgroups within the herd) are digesting forage and producing DeNovo fatty acids. The preformed fatty acids give insight into how the cows are doing with respect to body fat reserve and mobilization of body fat. The chain length and fatty acid unsaturation values provide some insight into how the cows are using dietary fat and flags herds that have a high probability of being in classical trans fatty induced milk fat depression. This, combined with the milk weight per cow per day and the calculated lactose production per cow per day, provides some insight into the status of glucose metabolism in the herd.

“New Milk Analysis Tools to Improve Animal Performance - Dr. Dave Barbano.” Progressive Dairymen.



Cowside KETOSIS test available
To Order Contact your Field Technician or Call 763-682-1091

To get the Fatty Acid Profile:

1. Contact your nutritionist
2. Contact the DHIA lab for supplies
320-352-2028
3. Results are emailed to your nutritionist for interpretation.

How to collect samples for FA Profile

- Bulk tank samples should be collected at minimum for 5 days. (i.e. 5 samples if everyday pickup, 3 samples if every other day pickup.)
- If the dairy has multiple tanks, a sample must be taken from every tank for the 5 day span.
- Samples must be refrigerated during the collection period and shipped in correct packaging to maintain temperature. DO NOT FREEZE.

Fatty acid profiles overall provide insight to:

- Diet and dietary changes
- Management and environment changes
- Physiological state of the cow
- Energy Balance

the **PortaBHB**[®]
milk ketone test

Official Identification for Dairy Cattle

There are three ways identification is utilized:

1. **On-farm management** generally means a visual tag of any size or color that allows anyone involved in managing the dairy to easily identify an animal from a short distance. In many systems, RFID button tags are used to identify animals for electronic feeders, milk recording systems, and other uses.
2. **The Genetic Evaluation System** is run by DHIA and the Council on Dairy Cattle Breeding. In order to obtain the genetic value for an animal it must have an official ID number, which will be unique to that animal.
3. **The Animal Health System** is overseen by USDA and the appropriate state agency (Minnesota Board of Animal Health). This system is primarily used for participants in animal disease control programs, for interstate movement of animals, and to track an animal in the case of a disease outbreak. Quick and effective tracking will minimize the economic impact and help to contain the spread of a contagious disease. Official ID is required for animals involved in the Animal Health System.

Official tags are to be placed in the left ear of the animal. Official tags carry the USDA shield.

As of July 1, there are 4 manufacturers who have been approved to sell Official RFID tags. They are Allflex, Destron Fearing, Y-Text, and Temple. Minnesota DHIA and our eartagcentral.com website offer all of them. Radio Frequency Identification tags use a chip attached to a spool of copper wire that serves as an antennae. A reader sends an electronic signal and that activates the chip which responds with the 15 digit RFID number. The number is also printed on the tag, but it is not practical to visually read and hand record a 15 digit number, at least at the speed of commerce (cows coming through a parlor or sale barn). Many on-farm technologies feature RFID readers and use RFID for managing data and cows. Minnesota DHIA offers several RFID readers on our eartagcentral.com website.

Metal tags have been used for years by veterinarians for “Bangs” vaccination and the same kind of metal tags have been used by DHIA and others in the industry for many decades. These tags are no longer available and are being phased out as Official ID. While they are grandfathered in as Official Tags, there is a proposed rule at USDA that would end their official status by December 31, 2021.

A more easily read visual official tag is the Allflex plastic 41 tag that carries the NUES number series, which is the same series as is used on the steel tags. An example is 41WAB3459.

Finally there are official tags that do not contain RFID chips but have the official 840 number printed on them. We do not recommend their use since this tag is likely to be official for only a short time. An example number for you to have to read and record is 840000123456789.



USDA Metal Tag



USDA Bangs Tag



Plastic “41” Tag



Full Duplex 840 RFID Tag

Don't forget to celebrate National Ice Cream Day on Sunday July 19!

June Milk Quality Leaders ranked by SCC, then Log SCC

Name	SCC	Cows	Name	SCC	Cows
STARLIGHT ACRES	14	8	JOHNSON DAIRY	77	100
HARMONY HILLS DAIRY	30	63	AVON HEIGHTS	77	104
BREEZY WILLOWS FARM	31	43	*JERRY & BEV POHLMANN	78	72
HAPPKE HOLSTEIN FARM	42	118	CASEY O'REILLY DAIRY	78	80
*JOHN LARSEN	42	26	*TIM&SARAH AHO	79	187
*RYAN KNISLEY	43	56	AARON WIENER	80	86
SELKE FARMS	44	246	HOUDEK DAIRY LLC	81	461
BOETTCHER DAIRY	45	151	BROOKSIDE DAIRY	81	517
*DENNIS AND WAYNE WOLTERS	47	147	VOGT DAIRY LLC	81	322
RYBERG REG HOLSTEIN	48	41	SANDHILL DAIRY	81	359
TWIN SPRUCE	49	87	AGAINST THE ODDS	81	14
*LESTER DONNA BANSE	50	153	DANINGER INC	83	81
*BILL & ALAN MILLER	50	251	*SCOTT&MICHELLE HERBER	84	715
*RON & PATTY STROBEL	50	38	*JERRY & SUE BINIEK	84	97
*MARK KLEHR	52	56	*JON & LISA ZWEBER	85	112
LUX-URY HOLSTEINS INC.	53	135	SCHULTE FARMS	85	281
MARSHLAND FARMS	56	119	*MAREN & JEREMY HOLST	86	131
SCHEFERS BROTHERS	63	80	REILAND FARMS	86	501
*ADAM & SARAH MELLGREN	63	70	*STACI SEXTON	86	68
HIGH POINT DAIRY	64	132	RUSSELL J WIRT + FAMILY	86	542
HOEFS' DAIRY	65	297	SONNEK FARMS	88	101
DAN KREKELBERG	65	60	*DREW & RENEE SCHEFERS	88	92
*BRANDON + JILL MARSHIK	66	87	CRAZY DAISY DAIRY	88	118
SUNNY SIDE DAIRY	66	118	*DANIEL & JEFF LACANNE	89	64
*MARK RUEGEMER	66	75	LINDAHL FARMS	90	123
THOMPSON FAMILY DAIRY	66	291	*MIKE-MANDI HOERNEMANN	92	132
WOLF CREEK DAIRY	67	462	GEHL ACRES FARM	93	141
*CHARLES & MARY SCHORNACK	68	51	TROENDLE FARMS	93	135
MOGER FARMS	68	53	*NICK + DENNIS TATGE	94	260
*CHAD BOHN	68	18	*LLOYD AND JULIE BLOMMEL	94	154
*DEVOINE KRUSE	69	231	*BERNARD JIRELE	94	33
RKB DAIRY	69	128	KUECHLE DAIRY	95	242
KARA-KESH HOLSTEINS	69	7	*BILL MALONE	95	53
IRISH RIDGE DAIRY LLC	70	86	BORST FAMILY DAIRY LLC	95	281
CLOVER GLEN HOLSTEINS	70	28	*STEVEN SEIFERT	95	125
RADERMACHER DAIRY LLC	70	221	KRAIG&RACHELLE KRIENKE	96	555
*TREVOR DICKE	71	97	*RICK AND ANN STOCKER	96	89
LEISEN FARMS INC.	71	65	JOHNSON DARREN+LYNN	97	222
VALLEY ACRES DAIRY	72	879	*RAY AND GARY PICK	97	81
BURKE DAIRY INC	72	176	HOLKER DAIRY	98	72
MARSHALL KORN	72	57	ROGER AND SANDY ERICKSON	98	55
MUNDT DAIRY	73	212	STADICK FARM INC	99	186
*STEVE MARTIN	74	59	*BRANDON STOMMES	99	93
*MATT BERKTOLD	74	196	GREGORY DAIRY LLC	99	86
*STEVE&DEB HEUER	74	33	*CORY AND KRISTEN SALZL	99	24
BIRCH POINT FARMS PESHON	75	322	*VAUGHN AND JOAN EUERLE	100	82
*MITCH MEHRWERTH	75	67	*PETER+DAVID BURFEIND	100	344
*MARK BROSIG	76	244	KIMM'S DAIRY	100	87
ACKERMAN FARMS	77	111	ST.PAUL DAIRY	100	101