

# Minnesota DHIA News

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## DHIA Scholarship Application Now Available

Applications are due by **November 30<sup>th</sup> 2019**

The application and guidelines are available by visiting [mndhia.org](http://mndhia.org)

**We will reach 400,000 Milk Pregnancy Tests in 2019.  
Will it be yours?**

### **Milk Pregnancy Testing as easy as 1,2,3**

**1. Select the cows**

- Have your Field Representative print a list of cows that fit your criteria for an initial pregnancy check or a recheck.
- Review the list and add or eliminate cows as you want.

**2. Collect the sample**

- On test day this is already done!
- You can do this outside of your test day. Contact the DHIA lab in your area and they will send you sample vials.

**3. Get Results**

- The lab will email your results back.
- Results are automatically loaded into your Dairy Comp cowfile for herds with on-farm software or directly loaded into your field representative's computer.

*TAKES SECONDS*

*Instantly*



It's simple, convenient, labor saving, and cost effective. Pregnancy testing through milk is an easy addition to your reproduction program.

### **Milk Quality and Fertility: Is mastitis the reason she's not pregnant?**

Getting cows pregnant and managing somatic cell count (SCC) levels are two major challenges to the health of your cows and your profit. When a cow has mastitis, her immune system has to work harder producing extra white blood cells. This elevates the risk of pregnancy loss, increases days to first AI, causes more days open and extends calving intervals. Ricardo Chebel, DVM formerly at the University of Minnesota, stated in his article, *Mastitis effects on reproduction*, "Mastitis prevents ovulation, extends the interval to first AI and reduces fertilization rates and embryo development. Mastitis compromises pregnancy establishment and maintenance and increases incidence of abortions. Cows that have mastitis at any interval after calving have reduced pregnancy rate, which results in significant economic losses to dairy herds". Research published by the University of Wisconsin in April 2015, found that mastitis before and after a breeding event can greatly reduce conception.

This period is crucial to the success of breeding. The severity of the case of mastitis is correlated to the probability that the cow will not retain her pregnancy.

Down the road, cows with clinical mastitis within the first 45 days of pregnancy were 2.7 times more likely to suffer a pregnancy loss. Both gram negative and gram positive bacteria have been found to cause reproductive issues. Next time when you ask yourself why she's not pregnant, take a look at your SCC report.



## A Successful Cow

Who are the successful cows in your herd? High components, good production, low SCC, pregnant, low number of breedings, and good feed efficiency are all possible criteria to be considered successful cow in your herd. Bottom line: They make money and are not drama queens.

Find your successful cows and individuals that need attention in one report; the 365 Condensed report gives you summary data as well as individual cows.

### Area of Focus: Fat & Protein

You are paid on components, therefore last year we added “Fat + Protein lbs.” Are cows reaching their full potential? Fat and protein are closely related to animal health and nutrition quality. Also, keep in mind there is some seasonality as milk fat and protein percentages are generally the highest in the fall. Fat concentration is the most sensitive to dietary change.

BarnName	DIM	Peak Milk	Last Milk	Test Milk	Pct Fat	Pct Pro	Lbs F+P	SCC	Test MUN	MLM	Prod Indx	Proj Milk	Calved	L N	Age	Days Open	Br #	Due Date
1831	267	92	85	78	4.0	3.0	5.5	1.4	12	96	121	30376	Oct 22	1	35	80	1	Oct 17
1845	260	101	87	61	3.9	2.5	3.9	1.0	9	77	112	31413	Oct 29	1	34	204	4	Feb 25
1864	237	88	72	69	3.0	2.8	4.0	.1	8	86	98	27832	Nov 21	1	32	73	1	Nov 09
1865	203	97	72	78	4.2	2.9	5.5	2.5	12	92	115	28791	Dec 25	1	32	122	2	Jan 31
1866	242	91	70	72	4.1	2.8	5.0	2.7	7	90	110	27785	Nov 16	1	32	99	2	Nov 30

The Condensed Report is available to every herd online each month. Call our office if you need your release code to access Web Reports 800-827-3442.

### What is there to gain in fat & protein?

Your Current #s						
Milk	Fat	Prot	Fat \$/lb.	Prot. \$/lb.	\$ per cow	
25,000	3.3%	2.9%	2.6579	\$ 2.0046	\$ 2,192.77	\$ 1,453.34
After Fat & Protein Improvement						
Milk	Fat	Prot	Fat \$/lb.	Prot. \$/lb.	\$ per cow	
25,000	3.7%	3.1%	\$ 2.6579	\$ 2.0046	\$ 2,458.56	\$ 1,553.57
Gain			Difference		\$ 265.79	\$ 100.23
\$ for Fat		\$ 26,579	(Example is based on 100 cows)			
\$ for Protein		\$10,023				
Total for Herd		\$ 36,602				

#### Got Dairy Comp? Get the Free app on your Smart Phone

1. Add items to cow cards to customize your page layout
2. View individual cow production, events, and items for all lactations
3. View your favorite Dairy Comp 305 reports
4. Invite your herd's support team to connect with your dairy and access any data relevant to their role or expertise

#### Free to upgrade if you are on a support plan

Contact our support team at (800)827-3442 Heather Ext. 37 or Patty Ext. 17  
To get more information on how to setup the new platform on your devices

**CowCare Module coming soon!!**



**Milestone Anniversary**  
**Dan Ellering**  
**40 Years**