

Minnesota DHIA News

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NATIONAL ICE CREAM MONTH

Take time this month to enjoy some ice cream. The average American consumes 23 gallons of ice cream a year – International Dairy Foods Association

What do your SCC numbers mean on the Herd Summary:

Yearly SCC Summary

- Shows the percentage of animals infected with a SCC over 200,000 by days in milk
- Use to determine which lactation is the problem and when most infections occur

Suggested to further investigate:

- If high <30 DIM - dry cow and prefresh housing may need attention. If only lactation 1, look into heifer housing and management.
- If high 30-220 DIM - ineffective milking procedure or marginal equipment. Could be ineffective control of cow to cow spread where contagious pathogens are of concern or high exposure to environmental pathogens.
- If high >220 DIM - possibly over milking late lactation cows, contracting a contagious pathogen from other cows. Chronic cows may also fall into this group.
- If the trend from <30 to >220 is low to high target milking procedure and teat dipping, have equipment and vacuum levels checked at least every 6 months. An inconsistent dry cow program may also be a problem.

Yearly SCC Summary			
Lact	% Infected by DIM		
	< 30	30 - 220	> 220
1	49	23	16
2	16	11	13
3+	35	32	31
All	35	23	21

Based on 1263 Samples

Table 1 Breakdown of estimated cost per case of clinical mastitis in the first 30 days of lactation.

		Lact = 1	Lact > 1	Overall	
		Cost per incident case	Cost per incident case	Cost per incident case	% of total cost
Direct costs	Diagnostics	\$9	\$11	\$10	2.3
	Therapeutics	\$30	\$40	\$36	8.1
	Non-saleable milk	\$18	\$30	\$25	5.7
	Veterinary service	\$4	\$4	\$4	0.9
	Labor	\$19	\$22	\$21	4.7
	Death loss	\$19	\$40	\$32	7.2
	Direct cost/case	\$100	\$146	\$128	28.9
Indirect costs	Future milk production loss	\$149	\$111	\$125	28.2
	Premature culling loss	\$176	\$185	\$182	40.9
	Future repro. loss	\$9	\$9	\$9	2
	Indirect cost per case	\$333	\$305	\$316	71.1
Average cost per case				\$444	

Mastitis in the 1st 30 days of the lactation on average costs you \$444 dollars. Table 1 is a chart depicting the costs from a study conducted at the University of Georgia in 2015. Some prices and practices may have changed in recent years, but many costs are still accurate.

Indirect costs account for the majority of losses with future milk loss and premature culling being the largest contributors.

“The cost of clinical mastitis in the first 30 days of lactation: An economic modeling tool”
(E.RollinaK.C.DhuyvetterbM.W.Overton, 2015)



DHIA Scholarship Application Now Available

Applications are due by **November 30th 2019**

The application and guidelines are available by visiting mndhia.org

Available using your test day milk sample!

DNA Mastitis Test can be used for:

- Testing Selected Cows
- Bulk tank milk samples

*Testing bulk tank milk samples is an efficient way to screen the entire herd for Contagious mastitis bacteria such as *Streptococcus agalactiae* and *Mycoplasma*

Sensitive and accurate results

In addition to identifying viable mastitis bacteria, the DNA Mastitis Test also detects growth-inhibited micro-organisms. This is a major advantage compared to the conventional bacterial culture method, where up to 40% of the “no growth” results are a problem for laboratories, veterinarians and dairy producers.

The DNA Mastitis Test simultaneously detects all of the targeted bacterial species present in the milk sample, overcoming the common problem of “mixed growth” results of bacterial culturing. Making it the most accurate mastitis test available.

Advantages

- No bacterial culturing required
- Accurate identification of all major mastitis causing pathogens
- Can be used on treated cows
- High sensitivity even for samples that show “no growth” in culture
- Suitable for persevered milk samples
- Samples can be shipped at room temperature

OPTIONS

Major-3 identifies: Cost: \$22 per sample

- 1 Mycoplasma bovis
- 2 Staphylococcus aureus
- 3 Streptococcus agalactiae

Full Panel Assay identifies: Cost: \$32 per sample

- 1 Staphylococcus aureus
- 2 Staphylococcus sp. (including all major coagulase negative staphylococci)
- 3 Streptococcus agalactiae
- 4 Streptococcus dysgalactiae
- 5 Streptococcus uberis
- 6 Escherichia coli
- 7 Enterococcus sp. (including E. faecalis and E. faecium)
- 8 Klebsiella sp. (including K. oxytoca and K. pneumoniae)
- 9 Serratia marcescens
- 10 Corynebacterium bovis
- 11 Arcanobacter pyogenes and Peptoniphilus (Peptostreptococcus) indolicus
- 12 Staphylococcal β -lactamase gene (penicillin resistance gene)
- 13 Mycoplasma Bovis
- 14 Mycoplasma Species
- 15 Yeast
- 16 Prototheca Species



Important Ear Tag Dates

12/31/2019 – last day silver metal and orange Brucellosis vaccination tags will be available.

12/31/2020 – Plastic NUES Tags no longer available.

NUES tags applied prior to **01/01/2021** are proposed to be recognized as official ID through **12/31/2022**.

To discuss option or order tags call (763) 682-1091 or email Courtneyb@mndhia.org

Milestone Anniversary

30
YEARS

Keith Meyer

On a Level Playing Field

Energy Corrected Milk (ECM) expresses the amount of milk produced based upon weight of milk, fat and protein standardized to 3.5% fat and 3.2% protein. This allows you to compare information on a level basis when making management decisions, especially if you have made a feed or stocking change.

$$\text{ECM} = (0.327 \times \text{milk lbs.}) + (12.95 \times \text{fat lbs.}) + (7.65 \times \text{protein lbs.})$$

Once you calculate or know your herd or specific groups ECM you can divide it by your dry matter intake to evaluate how well your herd is converting feed to milk. If your herd does well converting feed to milk you will greatly save on your feed costs. ECM is available in Dairy Comp 305 for individual cows and by pen. Contact our software support team if you would like help with ECM.

Top 5% of DHIA Herds for Energy Corrected Milk

Name	Cows	ECM Milk	Name	Cows	ECM Milk
HYDE-PARK HOLSTEINS	614	37,872	JOHNSON DARREN+LYNN	221	31,508
KRAIG&RACHELLE KRIENKE	516	35,880	REILAND FARMS	477	31,464
*SCOTT&MICHELLE HERBER	675	34,880	SCHEFERS BROTHERS	77	31,324
HOLLERMANN DAIRY	499	33,872	DAN KREKELBERG	61	31,284
STELLING FARMS	301	33,632	TWIN SPRUCE FARMS	2,212	31,280
CLAY VIEW DAIRY	1,236	33,608	*MIKE-MANDI HOERNEMANN	259	31,232
DICKE CENTURY FARM	197	32,764	FRIENDSHUH FARMS LLC	951	31,192
TRAIL SIDE HOLSTEINS	630	32,612	SCAPANSKI FARMS LLC	224	31,168
H&J POPPLER ROY MARSCHALL	472	32,584	METOGGA LAKE DAIRY LLC	425	31,164
ZEINSTRA DAIRY	903	32,552	KLINGSPORN FARMS	166	31,160
BLUE HORIZON FARM	660	32,296	GLEN-D-HAVEN HOLSTIENS	224	31,116
HERNKES DAIRY	847	32,256	WEST RIDGE LLC	503	31,096
*NICK AND TARA MEYER	282	32,056	WATRIN FARMS INC	424	31,044
*STEVE&JACKIE MOLL	102	32,044	LINDO FARMS	45	30,984
SELKE FARMS	234	31,980	*MIKE AND DONNA TELLERS	55	30,948
HEIEIE DAIRY	163	31,924	ANNEXSTAD DAIRY FARMS INC	191	30,924
CLEAR CREST FARM,LLC	692	31,888	*ED MOLDENHAUER	326	30,876
GAR-LIN DAIRY FARMS INC.	1,997	31,860	SCHMITT DAIRY	103	30,836
BLUMENFELD HOLSTEINS	512	31,800	JOHNSONS ROLLING ACRES	1,320	30,816
CLARK FARMS,LLC	514	31,748	J.M.PETERSON FARMS	441	30,772
ROHE DAIRY LLC.	270	31,704	ZAHBULLS HOLSTEINS LLC	373	30,712
ZABEL BORGSCHATZ DAIRY	172	31,696	HEINTZ BADGER VALLEY FARM	203	30,652
*NATHAN & BRIDGET GIBBS	185	31,632	CRAZY DAISY DAIRY	107	30,612
CURRIER BROTHERS	110	31,536	PAUL AND TIM KRUEGER	199	30,576
KLEINS COW PALACE	718	31,512	FAITH ACRES DAIRY INC	135	30,552

Got Dairy Comp? Get 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!!



June Milk Quality Leaders ranked by SCC, then Log SCC

*denotes herd owner name used in lieu of farm name

SCC in thousands i.e. 68=68,000

Name	SCC	#Cows	Name	SCC	#Cows
SCHREIBER BROS	36	58	*MIKE-MANDI HOERNEMANN	77	259
STARLIGHT ACRES	38	4	TEDDY-BEAR HOLSTEINS	77	41
*MARK KLEHR	41	58	BOETTCHER DAIRY	79	171
*JOHN SAUBER	42	60	*STEVE MARTIN	79	69
JOHNSON DAIRY	46	108	*RICK AND ANN STOCKER	81	87
KIMM'S DAIRY	49	82	*LARRY AND DIANNA BRAEM	81	42
KERNCREST HOLSTEINS	50	82	*BRUCE & JODI HEIM	82	399
GEHL ACRES FARM	53	147	SCHEFERS BROTHERS	83	77
FAITH ACRES DAIRY INC	55	135	*JOHN & KRIS MILLER	83	304
LEROY DROPPS	55	20	*JERRY & BEV POHLMANN	84	71
HARMONY HILLS DAIRY	56	68	*DAVID SMITH	84	19
HOEFS' DAIRY	56	286	*ROGER & MARY SWART	84	52
SELKE FARMS	56	234	ACKERMAN FARMS	85	113
*ROGER ALDINGER	57	102	WALTER BROS FARM	85	453
*MAYNARD & JEREMY SCHUMACHER	59	123	*ISIDORE & JANET ZLOEFFELHOL	85	68
*LYNN + RACHEL MILLER	59	119	CHAMBERLAIN HOLSTEINS	86	152
CRAIG ABERS	61	9	AARON WIENER	86	85
KUECHLE DAIRY	62	245	*COREY GROSHENS	87	45
SCOTT & JACOLYN RICKEMAN	62	93	*TOM DOUVIER	87	49
*DENNIS AND WAYNE WOLTERS	63	155	CLARK FARMS,LLC	88	514
*MATT BERKTOLD	63	199	*LESTER DONNA BANSE	90	191
*TREVOR DICKE	63	101	WOLD DAIRY	90	54
RIVERVIEW ENTERPRISES	66	94	*JAMES C PFEIFER	91	55
*JOHN LARSEN	66	22	*ROB & AMIE RUTHER	91	126
*DAVID & DONNA ANDERSON	67	55	VON WAHLDE DAIRY INC.	92	150
HOUDEK DAIRY LLC	68	486	*BRENT & DAWN ELWOOD	92	47
HIGH POINT DAIRY	68	136	GREGORY DAIRY LLC	93	83
TWIN SPRUCE	68	82	MONTAG DAIRY	93	66
*TIM&SARAH AHO	68	163	MUNDT DAIRY	94	216
*PETER+DAVID BURFEIND	68	333	SCHULTE FARMS	94	283
*GARY LEHNERTZ	69	195	*KEVIN SPLETT	94	43
*BRANDON STOMMES	69	93	BURKE DAIRY INC	95	185
HAPPKE HOLSTEIN FARM	70	110	SANDHILL DAIRY	95	362
BIRCH POINT FARMS PESHON	70	311	JOPPS CENTURY FARMS	95	98
MARSHALL KORN	70	66	*TRAVIS LEHNERTZ	95	146
BREEZY POINT FARM LASKA	70	145	BROOKSIDE DAIRY	96	505
*BRIAN LIBBESMEIER	70	62	*DEVOINE KRUSE	96	237
*GREG AND KRISTIN MAHONEY	71	16	FLYINGCOW DAIRY	96	173
TRU-LAN GUERNSEY	72	10	*GARY AND KARISSA WINGERT	96	99
CASEY O'REILLY DAIRY	73	88	BORST FAMILY DAIRY LLC	97	287
SMELTER DAIRY	73	64	*DEAN RAUSCH	98	78
GLEN & BECKY CHRISTEN	73	42	RIVER CITY DAIRY	98	401
*MIKE AND DONNA TELLERS	73	55	*JIM EVANS	98	119
TERRACE LANE FARMS	74	111	*NATHAN & BRIDGET GIBBS	99	185
CHUCKKLAPHAKE JARRETTBORG	74	120	JC DAIRY	99	140
THISTLE DEW DAIRY	75	124	RYBERG REG HOLSTEIN	99	60
WALNUT ROW FARM LLC	75	25	TRAIL SIDE HOLSTEINS	100	630
ROD RAY	76	44	STELLING FARMS	100	301
IRISH RIDGE DAIRY LLC	76	89	CZECH ROADSIDE ACRES	100	600
*DWIGHT + DARLA BURKHOLDER	76	69	*ALICIA THURK-HIEBERT	100	42
BECHTOLD BROS	76	47	LUBBEN DAIRY	100	390
KARA-KESH HOLSTEINS	76	10	RUSSELL J WIRT+FAMILY	100	545