

<p>Peak and Persistency</p> <p>Peak Milk Lact 1 is Yellow if Peak Ratio (1st/Others) is < .70 (Indicates under performance versus older cows)</p> <p>Peak Milk Lacts 2/3+ are Yellow if Peak Ratio (1st/Others) is > .85 (Indicates under performance versus younger cows)</p>	<p style="text-align: center;">Highlighting Legend (Number of Cows in Herd/String must be Greater than 40)</p> <p>Yearly SCC Summary Lact 1 DIM < 30 is Yellow if >= 34% (Ideally should be < 20%)</p> <p>Changes in SCC Status Cures >= 20% are Green if at least 8% higher than New Infections New Infections >=15% are Yellow if at least 8% higher than Cures (New Infections ideally should be < 8%)</p>	<p style="text-align: center;">Dry Period Summary</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th rowspan="2">Avg Days</th> <th colspan="3">Cows by Days Dry</th> </tr> <tr> <th>< 40</th> <th>40 - 70</th> <th>> 70</th> </tr> <tr> <td>59</td> <td>1</td> <td>109</td> <td>7</td> </tr> <tr> <td></td> <td>1%</td> <td>93%</td> <td>6%</td> </tr> </table> <p style="text-align: center;">Based on 117 Cows</p>	Avg Days	Cows by Days Dry			< 40	40 - 70	> 70	59	1	109	7		1%	93%	6%
Avg Days	Cows by Days Dry																
	< 40	40 - 70	> 70														
59	1	109	7														
	1%	93%	6%														
<p style="text-align: center;">Current SCC Evaluation</p> <p>Yellow if % Infected >= 25 for Lact 1, >= 35 for Lact 2, >= 45 for Lact 3+</p> <p>Yellow if % Cows by Linear Score 7,8,9 >= 5 for Lact 1, >= 10 for Lact 2, >= 15 for Lact 3+</p>	<p style="text-align: center;">Production Averages</p> <p>MLM is Green if 10+% increase from previous test and is Yellow if 10+% decrease from previous test.</p> <p>Fresh Infections are Yellow if >= 30% of Fresh Cows (Min. 10 Fresh Cows. Fresh infections should be < 20%)</p>																

Peak and Persistency									
305 ME		Prod Index	Lact	Cows	DIM	Peak		MLM	
Milk	\$ Value					DIM	Milk	Current	C-L
23,746	4,439	100	1	65	144	73	77	74	+3.2
25,831	4,756	107	2	41	178	65	99	82	+6.5
22,731	4,276	96	3+	76	139	49	100	73	-3.1
23,826	4,448	100	All	182	150	61	92	76	+1.4

Peak Ratio (1st/Others) is 0.77

Daily Milk	
DHI	13309
Sold	13182
Shipped %	101
Value \$	3014
\$ / cwt	22.65

Current SCC Evaluation							
Cows	SCC LS	% Infected	Lact	% Cows by Linear Score			
				0,1	2,3	4,5,6	7,8,9
63	1.7	8	1	48	41	10	2
39	2.2	21	2	44	31	21	5
74	2.6	26	3+	39	35	19	7
176	2.2	18	All	43	36	16	5

30-Day Production Lost from High SCC is 8850 Lbs with a \$ Loss of 2081

Management Level Milk								
Annual Summary				Lact	All Cows	Current Test		
Days in Milk			All Cows			Days in Milk		
< 100	100 - 200	> 200				< 100	100 - 200	> 200
71	73	78	73	1	74	72	72	82
75	77	86	80	2	82	69	85	87
73	74	79	75	3+	73	70	73	79
73	74	81	76	All	76	71	75	82

Based on 11 Tests

Yearly SCC Summary			
Lact	% Infected by DIM		
	< 30	30 - 220	> 220
1	16	9	12
2	16	17	8
3+	35	28	24
All	24	18	16

Based on 1661 Samples

Changes in SCC Status (Distribution of Cows Sampled)			
Annual Fresh vs Dry Off (%)		Current vs Last Test (%)	
Cures	Chronics	Cures	Chronics
5	9	7	14
Negatives	New Infections	Negatives	New Infections
64	22	75	4

Based on 113 Cows Sampled

Based on 161 Cows Sampled

Production Averages																				
Rolling Herd			Test Day				Date	Quantity							Quality					
Milk	Fat	Pro	All Cows	% in Milk	Milk	% Shipped		Milk Cows	Fresh Cows	DIM	Milk	MLM	% Fat	% Pro	Raw SCC	LS SCC	Number Infections	Fresh Infections	New Infections	
																		Number	%	
23,518	1037	730	182	97	74	101	02-28-23	177	17	150	76	76	4.5	3.2	235	2.2	32	3	7	4
23,774	1023	738	182	93	69	99	01-20-23	169	13	131	75	74	4.8	3.0	312	2.8	35	5	10	6
23,765	1007	737	179	91	67	99	12-20-22	163	33	114	74	74	5.0	3.2	300	2.2	27	4	8	5
23,771	991	735	168	85	65	100	11-21-22	143	34	125	77	79	4.9	3.2	237	2.3	23	6	4	3
23,825	978	735	164	78	61	100	10-20-22	128	18	145	79	81	4.4	3.2	199	2.2	22	1	3	3
23,986	982	739	164	84	59	100	09-19-22	137	14	164	71	76	4.1	3.0	299	2.7	31	5	9	7
23,877	959	737	169	87	66	102	08-18-22	147	18	164	75	81	4.3	2.9	254	2.3	27	6	4	3
23,822	945	738	184	88	65	99	07-15-22	161	19	163	74	79	4.0	3.0	298	2.7	31	8	6	4
23,785	936	739	194	86	65	102	06-06-22	167	32	157	75	79	3.8	3.0	155	2.0	23	6	4	2
23,895	930	744	182	86	58	100	05-05-22	157	10	173	67	71	4.5	3.2	173	2.2	26	2	7	4
24,151	926	750	181	90	58	99	04-07-22	162	10	168	65	67	4.5	3.3	154	2.3	24	2	10	6
Averages >			177	88	64	100		156	20	150	73	76	4.4	3.1	238	2.3	27	4	7	4
24,243	916	751	186	96	72	100	Dropped	179	6	156	74	74	4.2	3.1	234	2.3	23	1	8	5

Breed
HO
Type Test
31-DHI-AP



Consultant Summary

41-46-0729

DHI-302

Prev. Test 01-20-2023 Test Date 02-28-2023 Days 39 Processed 03-02-2023

*JON CHRISTENSEN

String = HERD
FRep = 10KK

Herd Genetic Profile (Source: CDCB)

Service Sires							Group	Animal PTA			Sire PTA		
Num Bred	Progeny Test		Genomic			Num		NM\$	% Rank	% AI	NM\$	% Rank	
	%	NM\$	% Rk	%	NM\$								% Rk
59	66		77	27		68	Calves	99	+412	52	100	+620	57
52	54	+782	79	29	+875	87	Yearlings	68	+367	46	100	+557	49
36	56	+801	81	28	+820	79	Lact 1	64	+288	55	98	+508	43
58	52	+774	78	38	+850	87	Lact 2	41	+275	53	100	+495	42
146	53	+784	79	32	+852	85	Lact 3+	76	+137	38	88	+353	30
							Cows	181	+222	47	95	+443	38

Inventory

% Herd	Group	Age	Num	% Identified	
				Sire	Dam
	Calves	0-05	99	100	100
	Yearlings	1-06	68	100	100
	Youngstock	0-10	167	100	100
36	Lact 1	2-00	65	100	100
23	Lact 2	3-01	41	100	100
42	Lact 3+	5-01	76	99	100
	Cows	3-06	182	99	100

Cows Entering and Leaving Herd

Number Entered	Number Left	Lact	Reason for Leaving								% Turnover	
			Dairy	Low Milk	Repro	Sick	Mastitis	Ft/Legs	Died	Other		
83	24	1	1	2	8	5	3			2	3	13
	15	2	5	1	7				1		1	8
	48	3+	13	8	11	1			6	5	4	26
83	87	All	19	11	26	6	3	7	7	7	8	48
		Left Herd	22%	13%	30%	7%	3%	8%	8%	9%		

Reproduction Summary

Breeding Herd		Cows	Heifers
Animals		159	68
Animals Served (%)		89	87
Waiting Period (days or mo)		51	13
First Served (<100 days or 15 mo) (%)		86	54
Time to First Services (days or mo)		67	14
Services per Animal		1.6	1.4
Open Period (<150 days or 17 mo) (%)		48	44
Min Calving Interval (months)		12.1	24.6
Heat Detection Index (%)		57	
Pregnant Animals		Cows	Heifers
Animals		90	35
Conceived at First Service (%)		61	63
Services per Conception		1.8	1.5
Pregnancy Rate (%)		28	
Open Period (days or mo)			15
Calving Interval (months)		11.9	24.0
CI - Standard Deviation (months)			

Management Calving Interval = 11.8 Months

Monthly Herd Turnover

	History						Test	Planning					
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Total Cows	162	162	167	172	184	181	179	173	169	168	168	171	172
Cows Milking	127	117	120	140	163	166	173	162	155	143	141	142	129
Heifers Calving	4	4	9	10	16		5	1	3	5	6	9	7
Cows Calving	8	11	13	21	14	11	6	1	5	6	10	16	13
Cows Dried Off	16	14	16	11	7	2	4	6	8	17	12	18	27
Cows Dry	35	45	47	32	21	15	6	11	14	25	27	29	43
Cows Left	8	4	3			1	4	7	7	6	6	6	6

% Left Non-Dairy by 60 DIM

Lact	1 Month	3 Months	6 Months	12 Months
1	0	0	0	3
2	0	6	4	2
3+	10	3	3	3
All	3	2	2	3

Birth Summary

Dam's Lact Num	Offspring Born							
	Males		Females		Calving Difficulty Score			
	Alive	Dead	Alive	Dead	1	2	3	4 & 5
1	7	1	43	5	79		4	
2+	6	2	57	7	129	1	3	
Total	13	3	100	12	208	1	7	

Service or Heat Intervals (Number)

< 18 Days	1
18-24 Days	26
36-48 Days	27
Other	38