

HERD SUMMARY

41-46-0729

DHI-202

Test Date 02-28-2023 Samples at Lab Processed 03-02-2023

*JON CHRISTENSEN

Breed	HO	Type Test	DHI-AP	Assoc.	97	Supv.	10KK	String
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Production, Income & Feed Cost Summary

Total Cows	Daily Average per Cow on Test Day		Rolling Yearly Herd Averages			
	Number	%	Number	%		
Total Cows	182		177			
Cows in Milk	177	97	156	88		
Milk Lbs (All Cows)	73.5		23518			
Fat Lbs (All Cows)	3.31		1037			
Fat %	4.5		4.4			
Protein Lbs (All Cows)	2.35		730			
Protein %	3.2		3.1			
Milk Lbs (Milking Cows)	75.6					
	Milking Cows	All Cows				
Silage	Lbs Consumed					
Other Succulents or Blended Rations	Lbs Consumed					
Dry Forage	Lbs Consumed					
Other Feeds	Lbs Consumed					
Pasture						
Concentrates	Lbs Consumed					
Cost of Concentrates \$						
Total Feed Cost \$						
Income Over Feed Cost \$						
Feed Cost per CWT Milk \$						
Value of Product \$	17.58	17.09	5661			
Milk Blend Price	Per CWT	% Fat	% Pro	Per CWT	% Fat	% Pro
	22.65	3.5		24.09	3.5	

Reproductive Summary Of Current Breeding Herd

Total Cows Breeding Herd	Voluntary Waiting Period (VWP)	Days to 1st Service	Cows With No Service Dates or Diag. Open			Cows Bred But Not Diag. Preg.			
			Open VWP to 100 Days	Open Over 100 Days	Number Diag. Open	Days Open at Last Service			
						Under VWP	VWP to 100 Days	101 to 130 Days	Over 130 Days
63	60	67	10	1		8	33	6	5
			16	2		13	52	10	8

Reproductive Summary Of Total Herd

Days Open at 1st Service	Avg. Days to 1st Service	Services per Pregnancy		Projected Minimum		Service or Heat Interval		Services for Past 12 Months			
		Preg. Cows	All Cows	Calving Interval	Days Open	Interval Length	Number Intervals	Service Number	Number Services	Conception Rate	Service Sire Merit \$
1st Lact	66	1.6	1.8	12.0	86	< 18	1	1st	173	43	+771
2nd Lact	71	1.8	2.1	12.5	100	18 - 24	26	2nd	84	48	+757
3+ Lacts	65	1.9	2.3	12.1	87	36 - 48	27	3rd +	88	41	+722
All Lacts	67	1.8	2.1	12.2	89	Other	38	Total	345	44	+755
% of All 1st Services	41	55	4			Current Actual Calving Interval	12.3	Abortions	This Test	Past Year	
								Actual			2
								Apparent			3

Birth Summary

Dam's Lact Num	Offspring Born								
	Males		Females		Calving Difficulty Score				
	Alive	Dead	Alive	Dead	1	2	3	4-5	%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		

Cows To Be Milking, Dry, Calving By Month

	Mar	Apr	May	Jun	Jul	Aug
* Milking	162	155	143	141	142	129
Dry	11	14	25	27	29	43
Cows to Calve	1	5	6	10	16	13
Heifers to Calve	1	3	5	6	9	7

* Assumes 4.1% per month culling rate.

Yearly Reproductive Summary

Test Date	% Heats Obs.	Conception Rate	Preg Rate	Number Services	Number Confirm Preg	Number Calving	Total Preg Cows
Test Dropped	68	53	25	34	14	6	92
4-07-22	60	47	36	34	27	10	113
5-05-22	65	57	26	21	15	10	120
6-06-22	69	35	13	17	14	32	119
7-15-22	79	17	6	24	9	19	110
8-18-22	66	28	4	32	2	18	90
9-19-22	79	20	6	30	13	14	90
10-20-22	79	65	23	31	2	18	77
11-21-22	77	48	20	25	22	34	75
12-20-22	102	55	30	33	9	33	65
1-20-23	83	70	32	33	22	13	78
2-28-23	77			51	27	17	90
Averages	75	44	21	30	15	20	93
Totals				331		218	

Miscellaneous Herd Information

	Shipped-Test Day Comparison		Milking Times	Wgh	Spl
	Test Day	Yearly Avg.			
Sum of Test Day Wts	13309	11233	1st 09:30 PM	N	N
Reported Avg. Daily Bulk Tank Wts	13182	11233	2nd 09:45 AM	Y	Y
% Deviation	+1.0	0	3rd		

Remarks:

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Herd Code	41-46-0729	Test Date	02-28-2023	Breed	HO	String	
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Identification And Genetics (Genetic Data Source: CDCB)

Stage Of Lactation Profile

		Stage of Lactation (Days)						Total or Average
		1 - 40	41 - 100	101 - 199	200 - 305	306 +		
Number Milking	1st Lact	5	21	20	14	3	63	
	2nd Lact	2	8	13	13	4	40	
	3+ Lacts	9	18	30	14	3	74	
	All Lacts	16	47	63	41	10	177	
	Average Daily Milk	1st Lact	61	71	67	69	76	69
Average Daily Milk	2nd Lact	55	85	88	74	73	80	
	3+ Lacts	91	86	79	66	64	79	
	All Lacts	77	79	77	70	71	76	
	% Fat & Pro	1st Lact	% Fat	4.8	4.3	4.5	5.0	4.6
% Pro			3.0	2.9	3.0	3.4	3.4	3.1
2nd Lact		% Fat	3.9	4.4	4.0	4.9	5.0	4.5
		% Pro	3.0	3.0	3.0	3.5	3.7	3.2
3+ Lacts		% Fat	5.1	4.5	4.3	4.8	4.6	4.6
		% Pro	3.2	3.0	3.2	3.4	3.4	3.2
All Lacts		% Fat	4.9	4.4	4.3	4.9	4.8	4.5
		% Pro	3.1	3.0	3.1	3.4	3.5	3.2
SCC ACT	1st Lact	51	306	49	112	80	153	
	2nd Lact	18	540	70	361	69	261	
	3+ Lacts	386	247	317	208	50	282	
	All Lacts	282	324	185	228	67	235	
SCC ACT >= 200	Number	3	8	9	10	2	32	
	Percent	19	17	14	24	20	18	

Weighted SCC ACT (Nearest 1,000)

Age Group	Number Animals	Avg. Age (Yr-Mo)	Num. Ident. By		Number ID Changes	No. Animals with Merit \$	Average Merit \$		Herd Merit \$ Option	Genetic Profile of Service Sires			
			Sire	Dam			Animal	Sire		A.I. Progeny Tested	A.I. Genomic Tested	All Other A.I. Bulls	Non A.I. Bulls
0 - 12	99	0-05	99	99		99	+412	+620	NM				
13+	68	1-06	68	68		68	+367	+557					
Replacements	167	0-10	167	167		167	+394	+594					
1st Lact	65	2-00	65	65		64	+288	+508	% of Herd Bred to	54	33		13
2nd Lact	41	3-01	41	41		41	+275	+495	Number of Bulls Used	15	9		
3+ Lacts	76	5-01	75	76		76	+137	+353	Average Merit \$	+784	+852	+0	DCR Milk
All Lacts	182	3-06	181	182		181	+222	+443	Avg. Percentile Rank (Net Merit)	79	85		98
% Identified (Producing Females)			99	100	No. Heifers Age Over 30 Months				2				

Production By Lactation Summary

Lactation	Number of Cows	Avg. Age (Mo)	Peak Milk	Summit Milk	Proj 305 Day ME			Difference From Herdmates			Avg. Body Wt.
					Milk	Fat	Pro	Milk	Fat	Pro	
1st Lact	65	24	77	72	23746	1075	700	+625	+33	+7	1100
2nd Lact	41	37	99	93	25831	1137	777	+2378	+90	+72	1219
3+ Lacts	76	61	100	96	22731	1043	699	-287	+4	+5	1350
All Lacts	182	42	92	87	23826	1077	718	+669	+35	+22	1231

Somatic Cell Summary

% Cows SCC Score				
0,1,2,3	4	5	6	7,8,9
Below 142,000	142,000 283,000	284,000 565,000	566,000 1.13 M	Over 1.13 M
89	5	2	3	2
74	10	3	8	5
74	1	9	8	7
80	5	5	6	5
30-Day Herd Production Lost From High SCC				
Milk	8850	Dollars (\$)		2081

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		
			< 40	40-70	> 70
1					
2	41	59	1	39	1
3+	76	58		70	6
All	117	59	1	109	7

Yearly Summary Of Cows Entered And Left The Herd

Lact.	Cows Entered		Cows Left		Number of Cows Left the Herd									
	Num.	%	Num.	%	Dairy	Low Prod	Repro	Mast	Udder	Feet & Legs	Injury Other	Disease	Died	Not Rptd
1	83	47	24	14	1	2	8	3			3	5	2	
2			15	8	5	1	7			1	1			
3+			48	27	13	8	11			6	4	1	5	
All	83	47	87	49	19	11	26	3		7	8	6	7	
32 % Left Herd For Involuntary Reasons														

Yearly Production And Mastitis Summary

Test Date	Days In Test Period	Number Cows In Herd On Test Day	Test Day Averages (Milking Cows)		150 Day Milk	Test Period Persist. Index	Test Day Averages (All Cows)				Rolling Yearly Herd Average			Somatic Cell Count Summary					MUN	Number Left Herd			
			DIM	Milk			% In Milk	Milk	%Fat	%Pro	Milk	Fat	Pro	% Cows SCC Score						Avg. SCC Linear Score	Wt. Avg. Actual SCC	Died	Sold
			Below 142,000	142,000 283,000			284,000 565,000	566,000 1.13 M	Over 1.13 M														
Test Dropped	22	186	156	74.3	74.5	94	96	71.5	4.2	3.1	24243	916	751	80	9	5	1	6	2.3	234	10.4		6
4-07-22	36	181	168	64.9	66.8	91	90	58.1	4.5	3.3	24151	926	750	77	10	6	3	4	2.3	154	11.6		12
5-05-22	28	182	173	67.4	70.7	105	86	58.2	4.5	3.2	23895	930	744	79	11	3	3	5	2.2	173	9.9		3
6-06-22	32	194	157	75.1	79.0	112	86	64.7	3.8	3.0	23785	936	739	80	9	6	2	3	2.0	155	9.2	1	4
7-15-22	39	184	163	74.4	79.3	101	88	65.1	4.0	3.0	23822	945	738	71	13	4	5	7	2.7	298	11.3	1	14
8-18-22	34	169	164	75.3	80.8	103	87	65.5	4.3	2.9	23877	959	737	77	6	7	4	6	2.3	254	8.4	2	18
9-19-22	32	164	164	71.0	76.2	97	84	59.3	4.1	3.0	23986	982	739	72	8	6	8	7	2.7	299	8.9		8
10-20-22	31	164	145	78.5	81.0	105	78	61.3	4.4	3.2	23825	978	735	81	2	8	7	3	2.2	199	10.5		5
11-21-22	32	168	125	76.6	78.6	96	85	65.2	4.9	3.2	23771	991	735	79	7	4	4	6	2.3	237	11.0	2	6
12-20-22	29	179	114	73.8	73.9	96	91	67.2	5.0	3.2	23765	1007	737	78	6	6	4	5	2.2	300	11.8		4
1-20-23	31	182	131	74.7	73.9	101	93	69.3	4.8	3.0	23774	1023	738	72	9	6	5	8	2.8	312	8.8		2
2-28-23	39	182	150	75.6	75.6	104	97	73.5	4.5	3.2	23518	1037	730	80	5	5	6	5	2.2	235	9.0	1	4
Averages	33	177	150	73.3	75.7	101	88	64.4	4.4	3.1				78	8	5	4	5	2.3	238	10.0	7	80