

HERD SUMMARY**55-99-9999****DHI-202**Test Date
08-13-2024Samples at Lab
08-15-2024Processed
08-15-2024**SMITH DAIRY HERD**
HENRY SMITH

Breed

HO

Type Test

DHIR-AP

Assoc.

42

Supv.

261

String

All Strings

Production, Income & Feed Cost Summary

	Daily Average per Cow on Test Day		Rolling Yearly Herd Averages	
Total Cows	108		124	
Cows in Milk	Number	%	Number	%
	102	94	115	93
Milk Lbs (All Cows)	82.0		24612	
Fat Lbs (All Cows)	3.20		940	
Fat %	3.9		3.8	
Protein Lbs (All Cows)	2.62		801	
Protein %	3.2		3.3	
Milk Lbs (Milking Cows)	86.9			
	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 \$	18.36	17.34	5239	
Milk Blend Price	Per CWT	% Fat	% Pro	Per CWT
	22.56	4.3	3.2	23.00
				4.3
				3.2

Miscellaneous Herd Information

	Shipped-Test Day Comparison			Milking Times	Wgh	Spl
	Test Day	Yearly Avg.				
Sum of Test Day Wts	8560	7735	1st	03:15 PM	N	N
Reported Avg. Daily Bulk Tank Wts	8003	7429	2nd	04:15 AM	Y	Y
% Deviation	+7.0	+4.1	3rd			

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			
31	70	71	1	8	8	Number Cows		4	9
			3	26	26	% of Breeding Herd		13	29

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			
	Number Under VWP	Number VWP to 100	Number Over 100		Preg. Cows	All Cows	Calving Interval	Days Open	Interval Length	Number Intervals	Service Number	Number Services	Conception Rate	Service Sire Merit \$
1st Lact	10	14	2	82	2.3	4.7	14.7	166	< 18	2	1st	144	19	+792
2nd Lact	4	16		73	1.5	4.4	13.3	125	18 - 24		2nd	104	17	+757
3+ Lacts	9	13	3	90	1.7	3.2	14.0	147	36 - 48	15	3rd +	90	26	+847
All Lacts	23	43	5	82	1.9	4.0	14.1	147	Other	100	Total	338	20	+811
% of All 1st Services	32	61	7		Current Actual Calving Interval		13.1				Abortions	This Test	Past Year	
											Actual		1	
											Apparent	3	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	10	1	21	2	22	2		1	4	
2+	37	2	42		51	3	1	2	4	
Total	47	3	63	2	73	5	1	3	4	

Cows To Be Milking, Dry, Calving By Month

	Sep	Oct	Nov	Dec	Jan	Feb
* Milking	101	96	93	90	109	114
Dry	7	10	12	18	7	4
Cows to Calve	2	3	7	3	16	5
Heifers to Calve	2		1	5	10	4

* Assumes 2.5% 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	35	14	13	29	15	23	62
11-07-23	28	23	5	65	9	26	53
2-13-24	28	17	3	65	9	42	33
4-16-24	47	25	5	65	11	21	27
5-07-24	81	26	14	34	4	3	29
7-09-24	60			50	23	10	52
8-13-24	52			22	3	9	41
Averages	40	20	7	50	10	19	39
Totals				301		111	

Remarks:

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Herd Code	55-99-9999	Test Date	08-13-2024	Breed	HO	String	All Strings
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Identification And Genetics (Genetic Data Source: CDCB)

Stage Of Lactation Profile

		Stage of Lactation (Days)					
		1 - 40	41 - 100	101 - 199	200 - 305	306 +	Total or Average
Number Milking	1st Lact		1	4	20	9	34
	2nd Lact	5	3	14	6	3	31
	3+ Lacts	6	3	10	13	5	37
	All Lacts	11	7	28	39	17	102
Average Daily Milk	1st Lact		102	84	80	69	78
	2nd Lact	99	117	93	89	78	94
	3+ Lacts	99	96	102	79	73	89
	All Lacts	99	106	95	81	72	87
% Fat & Pro	1st Lact	% Fat	2.7	4.3	4.1	4.4	4.2
		% Pro	2.7	3.5	3.4	3.5	3.4
	2nd Lact	% Fat	3.4	3.5	4.0	3.7	3.9
		% Pro	2.9	2.9	3.3	3.3	3.2
	3+ Lacts	% Fat	4.3	3.5	3.6	3.7	3.9
		% Pro	3.0	3.0	3.1	3.3	3.4
	All Lacts	% Fat	3.8	3.4	3.9	3.9	4.2
		% Pro	2.9	2.9	3.2	3.3	3.5
SCC ACT	1st Lact		13	67	205	117	162
	2nd Lact		25	15	45	66	109
	3+ Lacts		21	13	713	148	290
	All Lacts		23	14	292	166	118
SCC ACT >= 200	Number			3	9	3	15
	Percent			11	23	18	15

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	67	0-08	65	67		67	+492	+777	NM				
13+	60	1-05	60	60		60	+498	+754					
Replacements	127	1-00	125	127		127	+495	+765					
1st Lact	36	1-11	35	36		35	+379	+694	% of Herd Bred to	7	92		1
2nd Lact	32	3-01	29	29		28	+256	+508	Number of Bulls Used	3	9		
3+ Lacts	40	5-00	39	40	1	39	+232	+460	Average Merit \$	+774	+819	+0	DCR Milk
All Lacts	108	3-05	103	105	1	102	+289	+555	Avg. Percentile Rank (Net Merit)	58	63		103
% Identified (Producing Females)			95	97	No. Heifers Age Over 30 Months								

Production By Lactation Summary

	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	36	23	74	76	25290	964	818	+470	+10	+25	1125
2nd Lact	32	37	117	108	27952	1041	889	+2074	+52	+43	1436
3+ Lacts	40	60	99	96	23741	896	777	-1376	-57	-34	1591
All Lacts	108	41	96	93	25521	963	824	+318	+0	+11	1390

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
72	13	13		3
90	10			
79	9	6		6
80	11	6		3
30-Day Herd Production Lost From High SCC				
Milk	4182	Dollars (\$)		894

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		
			< 40	40-70	> 70
1					
2	30	49	5	25	
3+	39	51	4	33	2
All	69	50	9	58	2

Yearly Summary Of Cows Entered And Left The Herd

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days	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				33	27	28	23	6		19			1			2	
2	30	49	5	1	1	17	14	2	2	3						10	
3+	39	51	4	9	7	24	19	3		7			1			12	
All	69	50	9	43	35	69	56	11	2	29		1	2			24	
45 % 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	
														% Cows SCC Score					Avg. SCC Linear Score	Wt. Avg. Actual SCC	Died		Sold	
			DIM	Milk			% In Milk	Milk	%Fat	%Pro	Milk	Fat	Pro	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						
Test Dropped	43	134	172	83.2	90.8	105	96	79.5	3.6	3.1	27604	992	898	79	10	4	4	2	1.9	119		3	6	
11-07-23	78	139	186	74.7	83.3	98	91	67.7	4.1	3.3	27730	998	894	75	11	4	8	2	2.4	149	11.6	1	4	
2-13-24	98	133	167	45.3	44.7	66	90	40.9	4.0	3.3	25789	949	823	76	13	5	5	1	2.1	129	12.0	5	20	
4-16-24	63	122	166	80.3	80.9	158	95	76.3	3.6	3.2	24116	907	771	73	11	6	7	3	2.5	160		11	3	
5-07-24	21	120	184	88.4	90.6	111	97	85.5	3.8	3.3	24454	918	783	81	7	4	4	4	1.9	256		2		
7-09-24	63	119	210	79.2	88.2	102	92	72.6	3.7	3.3	24796	938	801	70	11	6	7	5	2.3	342		2	10	
8-13-24	35	108	212	86.9	96.1	115	94	82.0	3.9	3.2	24612	940	801	80	11	6		3	2.0	168		3	8	
Averages	60	124	186	75.4	80.3	107	93	70.1	3.8	3.3				77	10	5	5	3	2.2	201	11.8	24	45	