

HERD SUMMARY

DHI-202

Test Date **07-25-2019** Samples at Lab **07-29-2019** Processed **07-29-2019**

MS STATE UNIVERSITY
4025 WISE CENTER

Breed **XX** Type Test DHIR-AP Assoc. 719 Supv. **709** String

Production, Income & Feed Cost Summary

	Daily Average per Cow on Test Day		Rolling Yearly Herd Averages	
	Number	%	Number	%
Total Cows	33		27.7	
Cows in Milk	24	73	22.4	81
Milk Lbs (All Cows)	46.1		19841	
Fat Lbs (All Cows)	1.71		813	
Fat %	3.7		4.1	
Protein Lbs (All Cows)	1.45		647	
Protein %	3.2		3.3	
Milk Lbs (Milking Cows)	63.4			
	Milking Cows	All Cows		
Silage	Lbs Consumed	Lbs Consumed	%ENE	
Other Succulents or Blended Rations	Lbs Consumed	Lbs Consumed	%ENE	
Dry Forage	Lbs Consumed	Lbs Consumed	%ENE	
Other Feeds	Lbs Consumed	Lbs Consumed	%ENE	
Pasture		Days	%ENE	
Concentrates	Lbs Consumed	Lbs Consumed	%ENE	
Value of Product \$	11.70	8.51	3846	
Cost of Concentrates \$				
Total Feed Cost \$				
Income Over Feed Cost \$				
Feed Cost per CWT Milk \$				
Milk Blend Price	Per CWT	% Fat	% Pro	Per CWT
				% Fat
				% Pro

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
20	60	78	2	8	7	Number Cows			
			10	40	35	% of Breeding Herd			
							10		

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	1	9	4	86	3.8	8.3	14.5	160	< 18		1st	9	44	+752
2nd Lact	1	6		73	3.2	3.3	14.6	162	18 - 24	7	2nd	17	24	+719
3+ Lacts	1	7		75	2.0	2.8	13.5	130	36 - 48	10	3rd +	27	37	+649
All Lacts	3	22	4	80	2.9	4.4	14.3	153	Other	16	Total	53	34	+690
% of All 1st Services	10	76	14		Current Actual Calving Interval		14.8			Abortions		This Test	Past Year	
										Actual				
										Apparent		1	1	

Birth Summary

Dam's Lact Num	Offspring Born									
	Males		Females		Calving Difficulty Score					%4-5
	Alive	Dead	Alive	Dead	1	2	3	4-5		
1	2		8		8	1		1	10	
2+	1		13		11	2	1			
Total	3		21		19	3	1	1	4	

Cows To Be Milking, Dry, Calving By Month

	Aug	Sep	Oct	Nov	Dec	Jan
* Milking	28	30	29	28	23	25
Dry	4	2	3	4	12	10
Cows to Calve	5	2	1		2	2
Heifers to Calve				1	4	1

* Assumes 3.0% 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	38	23	8	13	2		11
8-31-18			0		3		11
9-24-18			0			2	12
11-02-18	59	20	11	10		1	11
12-04-18	85	50	35	12	2	4	5
1-14-19	48	40	18	5	6		13
3-15-19	29	33	8	6	2	10	13
4-25-19	122	43	38	7	3	8	14
5-21-19			0			3	13
6-21-19	89			15	2		15
7-25-19	6			1		1	12
Averages	44	37	12	6	2	3	12
Totals				56		29	

Miscellaneous Herd Information

	Shipped-Test Day Comparison		Milking Times	Wgh	Spl	
	Test Day	Yearly Avg.				
Sum of Test Day Wts	1521	1546	1st	2:45pm	N	N
Reported Avg. Daily Bulk Tank Wts	1557	1547	2nd	3:45am	Y	Y
% Deviation	-2.3	-.1	3rd			

Remarks:

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Herd Code Test Date 07-25-2019 Breed XX String

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		3	10			13
	2nd Lact	1		4			5
	3+ Lacts			2	4		6
	All Lacts	1	3	16	4		24
Average Daily Milk	1st Lact		59	69			67
	2nd Lact	72		67			68
	3+ Lacts			54	51		52
	All Lacts	72	59	67	51		63
% Fat & Pro	1st Lact	% Fat	4.5	3.6			3.8
		% Pro	3.3	3.1			3.1
	2nd Lact	% Fat	3.4	3.4			3.4
		% Pro	3.8	3.1			3.2
	3+ Lacts	% Fat		4.1	4.1		4.1
		% Pro		3.2	3.5		3.4
All Lacts	% Fat	3.4	4.5	3.6	4.1	3.8	
% Pro	3.8	3.3	3.1	3.5		3.2	
SCC ACT	1st Lact		514	150		224	
	2nd Lact	93		441		367	
	3+ Lacts			33	95	74	
	All Lacts	93	513	217	94	230	
SCC ACT >= 200	Number		1	4		5	
	Percent		33	25		21	

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	22	0-05	22	21		18	+286	+618	NM				
13+	18	1-09	17	18		16	+338	+542					
Replacements	40	1-00	39	39		34	+310	+582					
1st Lact	17	2-01	15	17		4	+316	+546	% of Herd Bred to	97	3		
2nd Lact	8	3-03	8	8		4	+363	+458	Number of Bulls Used	4	1		
3+ Lacts	8	4-11			1			+0	Average Merit \$	+743	+421	+0	DCR Milk
All Lacts	33	3-01	23	25	1	8	+339	+514	Avg. Percentile Rank (Net Merit)	87	37		97
% Identified (Producing Females)			70	76	No. Heifers Age Over 30 Months			1					

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	17	25	76	72	22422	911	677	+813	+29	+0	1000
2nd Lact	8	39	82	72	21187	847	691	-611	-67	+12	1090
3+ Lacts	8	59	95	93	22134	866	713	-395	-7	+6	1310
All Lacts	33	37	84	79	22080	886	689	+200	-1	+4	1100

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
77		8	8	8
40	20	20		20
80	20			
70	9	9	4	9
Herd Production Lost From SCC This Test Period				
Milk	857	Dollars (\$)		154

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		
			< 40	40-70	> 70
1					
2	4	70		2	2
3+	8	119		1	7
All	12	103		3	9

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	14	51	5	18	4									1	
2	3	11	2	7	2										
3+	8	27	2	7	1									1	
All	17	61	9	32	7									2	
7 % 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
														0,1,2,3	4	5	6	7,8,9					
Test Dropped	64	25	206	64.3	71.3	109	72	46.3	3.7	3.1	16980	847	541	50	17	11	6	17	3.3	524			2
8-31-18	31	25	238	58.0	70.9	97	68	39.4	4.2	3.2	16675	826	537	75	6	6	6	6	2.4	278			
9-24-18	24	25	235	64.3	76.3	113	76	48.9	3.1	3.1	16456	808	534	63	21	5	11		2.7	162			
11-02-18	39	25	263	64.1	78.3	104	80	51.3	4.3	3.4	16626	798	542	55	30	5		10	2.7	219			
12-04-18	32	23	225	71.5	79.5	101	96	68.4	4.4	3.5	17060	806	558	64	18	5	9	5	2.7	349			2
1-14-19	41	23	253	70.5	76.6	98	83	58.3	4.2	3.3	17836	824	583	58	16	5	11	11	3.0	563			
3-15-19	60	31	207	68.3	77.1	102	90	61.7	4.5	3.4	19100	855	627	57	7	14	7	14	3.7	703			
4-25-19	41	33	100	73.8	73.0	110	76	55.9	4.0	3.1	19831	863	652	50	21	8	13	8	3.5	404		1	3
5-21-19	26	34	103	65.7	63.5	93	76	50.2	4.2	3.1	19842	845	651	46	4	19	19	12	3.9	591			2
6-21-19	31	34	134	69.8	70.5	112	76	53.4	3.4	3.0	19873	831	650	27	46	15	8	4	4.0	364			
7-25-19	34	33	146	63.4	67.0	96	73	46.1	3.7	3.2	19841	813	647	70	9	9	4	9	2.7	230		1	
Averages	36	29	190	66.9	73.3	103	79	53.4	4.0	3.2				57	18	9	9	8	3.1	386		2	7

Test Period Avg. Milk Lbs Added 49.5 Dropped 48.8