

HERD SUMMARY

DHI-202

Test Date **11-21-2019** Samples at Lab **11-25-2019** Processed **11-25-2019**

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	36		30.7	
Cows in Milk	31	86	26.1	85
Milk Lbs (All Cows)	60.2		20559	
Fat Lbs (All Cows)	2.68		854	
Fat %	4.5		4.2	
Protein Lbs (All Cows)	1.95		662	
Protein %	3.2		3.2	
Milk Lbs (Milking Cows)	70.3			
	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 \$	14.17	11.81	4015	
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 Since 9-17			
			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
23	60	76							
			3	20	16	Number Cows			
			13	87	70	% of Breeding Herd			

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	2	11	1	75	1.3	14.7	17.3	245	< 18		1st	26	27	+767
2nd Lact	1	3		72	1.0	9.0	15.0	175	18 - 24	1	2nd	10	10	+740
3+ Lacts	1	4		82	2.2	3.2	14.1	149	36 - 48	5	3rd +	29	34	+651
All Lacts	4	18	1	76	1.8	7.7	15.9	203	Other	26	Total	65	28	+708
% of All 1st Services	17	78	4		Current Actual Calving Interval		16.1			Abortions		This Test	Past Year	
										Actual				
										Apparent				

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	3		9		10	1			1	8
2+	4		10		11	1	1			
Total	7		19		21	2	1	1		4

Cows To Be Milking, Dry, Calving By Month

	Dec	Jan	Feb	Mar	Apr	May
* Milking	34	37	40	41	41	42
Dry	6	4	1	1	1	1
Cows to Calve	2	2	3			
Heifers to Calve	4	1		1		1

* Assumes 2.0% 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	85	50		12	2	4	5
1-14-19	48	40		5	6	10	13
3-15-19	29	33		6	2	8	13
4-25-19	122	43		7	3	3	14
5-21-19						3	13
6-21-19	89	20		15	2	1	15
7-25-19	6	0		10		6	10
9-04-19					3	4	8
10-04-19	70	0		14		3	7
11-21-19						3	7
Averages	40	23	**	6	2	4	12
Totals				57		35	

Miscellaneous Herd Information

	Shipped-Test Day Comparison		Milking Times	Wgh	Spl
	Test Day	Yearly Avg.			
Sum of Test Day Wts	2108	1780	1st	3:15pm	N
Reported Avg. Daily Bulk Tank Wts	2090	1779	2nd	3:15am	Y
% Deviation	+9	+1	3rd		

Remarks:

** Preg Rates not available because (62-Routine Preg=N). See your technician.

Herd Code Test Date 11-21-2019 Breed XX String

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		4		13		17	
	2nd Lact		1	3	3		7	
	3+ Lacts		3	1	1	1	6	
	All Lacts		8	4	17	1	30	
Average Daily Milk	1st Lact		62		65		64	
	2nd Lact		112	91	63		82	
	3+ Lacts		80	68	82	54	74	
	All Lacts		75	85	66	54	70	
% Fat & Pro	1st Lact	% Fat	3.4		4.8		4.5	
		% Pro	3.0		3.4		3.3	
	2nd Lact	% Fat	4.4	4.2	4.7		4.4	
		% Pro	2.8	3.2	3.5		3.3	
	3+ Lacts	% Fat	6.3	3.0	4.2	4.3	5.1	
		% Pro	3.2	3.2	3.4	3.4	3.3	
All Lacts	% Fat	4.6	3.9	4.7	4.3	4.6		
	% Pro	3.1	3.2	3.4	3.4	3.3		
SCC ACT	1st Lact		147		193		183	
	2nd Lact		23	159	563		265	
	3+ Lacts		215	373	14	325	215	
	All Lacts		150	202	243	325	212	
SCC ACT >= 200	Number		3	2	8	1	14	
	Percent		38	50	47	100	45	

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	24	0-07	24	23		22	+355	+617	NM				
13+	15	1-08	15	15		11	+359	+526					
Replacements	39	1-00	39	38		33	+356	+586					
1st Lact	19	2-02	16	19		10	+331	+528	% of Herd Bred to	91	4		5
2nd Lact	8	3-05	8	8		7	+313	+512	Number of Bulls Used	4	1		
3+ Lacts	9	4-11	3	3	1	2	+377	+258	Average Merit \$	+742	+421	+0	
All Lacts	36	3-01	27	30	1	19	+329	+499	Avg. Percentile Rank (Net Merit)	83	37		
% Identified (Producing Females)			75	83	No. Heifers Age Over 30 Months								

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	19	26	77	71	23232	
2nd Lact	8	41	84	78	22795	910	705	+1881	+77	+58	1090
3+ Lacts	9	59	104	97	23168	940	716	+785	+29	+32	1270
All Lacts	36	37	82	77	23122	938	709	+1905	+85	+53	1090

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
1st Lact	59	24	6	12	
2nd Lact	57		14	29	
3+ Lacts	33	17	50		
All Lacts	53	17	17	13	
Herd Production Lost From SCC This Test Period					
Milk	2232	Dollars (\$)		402	

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		
			< 40	40-70	> 70
1					
2	5	105		1	4
3+	9	121	1	1	7
All	14	115	1	2	11

Yearly Summary Of Cows Entered And Left The Herd

Lact.	Number Entered	Cows Entered	Cows Left	Number of Cows Left the Herd													
				Cows Entered		Cows Left		Dairy	Low Prod	Repro	Mast	Udder	Feet & Legs	Injury Other	Disease	Died	Not Rptd
				Num.	%	Num.	%										
1	19	62	5	16	4											1	
2	3	10															
3+	4	13	3													1	
All	22	72	9	29	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
																	Below 142,000	142,000 283,000	284,000 565,000		566,000 1.13 M	Over 1.13 M		
Test Dropped	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		
9-04-19	41	34	147	64.5	69.4	108	85	54.7	3.9	3.1	20064	817	653	50	21	14	7	7	3.5	537				
10-04-19	30	34	161	59.1	64.8	95	91	53.9	4.2	3.1	20333	833	659	45	10	19	6	19	3.9	632			2	
11-21-19	48	36	179	70.3	77.3	117	86	60.2	4.5	3.2	20559	854	662	53	17	17	13		3.0	212				
Averages	39	32	159	67.3	71.0	103	82	54.9	4.1	3.2				51	17	13	10	9	3.5	471			2	7

Test Period Avg. Milk Lbs Added **59.4** Dropped **55.6**