

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 JE 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	41		38.5			
Cows in Milk	33	80	32.7	85		
Milk Lbs (All Cows)	43.2		16374			
Fat Lbs (All Cows)	1.86		773			
Fat %	4.3		4.7			
Protein Lbs (All Cows)	1.50		590			
Protein %	3.5		3.6			
Milk Lbs (Milking Cows)	53.7					
	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 \$	9.44	7.60	3021			
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	Under VWP	VWP to 100 Days	101 to 130 Days	Over 130 Days
18	60	66	1	4	4	Number Cows	8	5	
			6	22	22	% of Breeding Herd	44	28	

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	12		66	2.4	4.2	13.0	115	< 18		1st	24	38	+384
2nd Lact	1	10	1	75	2.4	2.5	13.6	134	18 - 24	3	2nd	13	31	+415
3+ Lacts	4	7		70	2.4	3.3	13.2	120	36 - 48	15	3rd +	45	29	+447
All Lacts	7	29	1	70	2.4	3.1	13.3	123	Other	22	Total	82	32	+420
% of All 1st Services	19	78	3		Current Actual Calving Interval		14.8			Abortions		This Test	Past Year	
											Actual			
											Apparent			5

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	2	4	1	7			1		
2+	6	2	10	1	14			2	1	6
Total	8	4	14	2	21			3	1	4

Cows To Be Milking, Dry, Calving By Month

	Aug	Sep	Oct	Nov	Dec	Jan
* Milking	39	32	31	41	33	33
Dry	1	7	9	3	14	14
Cows to Calve	7	1		7	2	1
Heifers to Calve	1		2	5	4	1

* Assumes 3.5% 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	71	19	10	27	11		25
8-31-18			0		2	1	24
9-24-18			0			5	19
11-02-18	59	30	20	10		3	16
12-04-18	75	50	70	14	3	4	12
1-14-19	51	14	11	7	7		19
3-15-19	69	64	64	14	5	16	17
4-25-19	55	10	14	10	5	7	20
5-21-19			0				20
6-21-19	91			18	1		21
7-25-19					1	3	20
Averages	40	34	18	7	2	4	19
Totals				73		39	

Miscellaneous Herd Information

	Shipped-Test Day Comparison		Milking Times	Wgh	Spl	
	Test Day	Yearly Avg.				
Sum of Test Day Wts	1772	1727	1st	2:45pm	N	N
Reported Avg. Daily Bulk Tank Wts	1755	1711	2nd	3:45am	Y	Y
% Deviation	+1.0	+.9	3rd			

Remarks:

Herd Code Test Date 07-25-2019 Breed JE 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	1		12	1		14	
	2nd Lact		1	2	3	2	8	
	3+ Lacts	2		6	2	1	11	
	All Lacts	3	1	20	6	3	33	
Average Daily Milk	1st Lact	26		58	42		55	
	2nd Lact		65	44	49	37	47	
	3+ Lacts	56		65	60	21	58	
	All Lacts	46	65	59	52	32	54	
% Fat & Pro	1st Lact	% Fat	6.1	4.4	5.1		4.6	
		% Pro	4.0	3.5	3.8		3.6	
	2nd Lact	% Fat		3.2	3.1	4.7	4.8	4.1
		% Pro		3.2	3.2	3.7	3.8	3.5
	3+ Lacts	% Fat	4.1		4.6	4.0	3.2	4.3
		% Pro	3.7		3.4	3.6	3.4	3.5
All Lacts	% Fat	4.8	3.2	4.3	4.5	4.3	4.4	
	% Pro	3.8	3.2	3.4	3.7	3.7	3.5	
SCC ACT	1st Lact	528		362	93		353	
	2nd Lact		14	16	30	23	23	
	3+ Lacts	520		44	40	800	151	
	All Lacts	521	14	230	42	194	210	
SCC ACT >= 200	Number	2		4		1	7	
	Percent	67		20		33	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	15	0-06	15	15		15	+261	+385	NM				
13+	27	2-00	26	27		27	+225	+312					
Replacements	42	1-05	41	42		42	+237	+338					
1st Lact	15	2-04	15	15		10	+162	+307	% of Herd Bred to	70	30		
2nd Lact	13	3-04	13	13		11	+133	+219	Number of Bulls Used	5	1		
3+ Lacts	13	5-00	13	13		13	+180	+254	Average Merit \$	+407	+438	+0	DCR Milk
All Lacts	41	3-06	41	41		34	+159	+262	Avg. Percentile Rank (Net Merit)	59	66		97
% Identified (Producing Females)			100	100		No. Heifers Age Over 30 Months			6				

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	15	28	66	63	18610	837	647	+680	+49	+32	860
2nd Lact	13	40	72	71	19797	909	682	-313	-12	-8	1020
3+ Lacts	13	60	82	79	19142	824	659	+54	-27	+6	1090
All Lacts	41	42	73	70	19170	858	662	+159	+6	+11	990

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	57	14	14		14
2nd Lact	100				
3+ Lacts	73	9		9	9
All Lacts	73	9	6	3	9
Herd Production Lost From SCC This Test Period					
Milk	337			Dollars (\$)	61

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		
			< 40	40-70	> 70
1					
2	13	62		10	3
3+	13	64	2	4	7
All	26	63	2	14	10

Yearly Summary Of Cows Entered And Left The Herd

Lact.	Number 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	15	39	4	10	3											1	
2	1	3	2	5	2												
3+	1	11	29	8												3	
All	16	42	17	44	13											4	
			10 % 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	64	42	275	48.4	57.5	95	83	40.3	5.1	3.7	17114	995	629	60	11	11	6	11	3.3	533		2	2
8-31-18	31	42	293	43.1	54.7	94	79	33.6	4.8	3.8	17369	1012	641	87		6	3	3	1.8	212			
9-24-18	24	40	262	44.8	53.9	95	80	35.9	4.5	3.7	17739	1030	657	53	19	16	3	9	3.6	452			2
11-02-18	39	38	267	44.8	52.8	100	84	37.7	5.0	3.8	17712	1011	656	47	22	19	6	6	3.6	343		1	2
12-04-18	32	35	246	50.2	57.6	103	89	44.5	5.4	3.9	17437	984	646	42	35	13	3	6	3.4	348			3
1-14-19	41	35	268	51.5	58.7	105	74	38.3	5.4	3.7	17087	950	632	50	23	15	8	4	3.2	336			
3-15-19	60	37	154	57.7	62.9	106	92	52.9	4.4	3.4	16673	891	615	55	27	3	15		3.0	189		2	5
4-25-19	41	40	115	67.8	67.3	110	85	57.7	4.5	3.4	16659	855	610	50	24	15	9	3	3.3	270		1	1
5-21-19	26	40	141	59.9	59.5	90	85	51.0	4.3	3.4	16581	827	604	53	18	12	12	6	3.1	313			
6-21-19	31	40	172	57.0	59.3	103	85	48.4	4.2	3.4	16515	801	598	59	6	13	13	9	3.2	301			
7-25-19	34	41	174	53.7	57.6	98	80	43.2	4.3	3.5	16374	773	590	73	9	6	3	9	2.2	210			
Averages	36	39	209	53.1	58.4	100	83	44.3	4.7	3.6				57	18	12	8	6	3.0	297		4	13

Test Period Avg. Milk Lbs Added 45.8 Dropped 49.5