

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 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	52		39.8	
Cows in Milk	47	90	33.8	85
Milk Lbs (All Cows)	47.3		16717	
Fat Lbs (All Cows)	2.32		774	
Fat %	4.9		4.6	
Protein Lbs (All Cows)	1.73		589	
Protein %	3.7		3.5	
Milk Lbs (Milking Cows)	52.5			
	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 \$	9.92	8.77	3066	
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
25	60	68	2				8	3	12
			8			Number Cows			
						% of Breeding Herd	32	12	48

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	3	12		66	2.5	6.8	15.1	179	< 18		1st	33	33	+402
2nd Lact	1	5		65	1.8	3.5	14.6	164	18 - 24	3	2nd	19	16	+407
3+ Lacts	5	10		68	3.4	5.6	14.0	145	36 - 48	7	3rd +	34	29	+426
All Lacts	9	27		67	2.6	5.5	14.5	162	Other	53	Total	86	28	+412
% of All 1st Services	25	75			Current Actual Calving Interval		15.0				Abortions	This Test	Past Year	
											Actual			
											Apparent		2	

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	3	13	1	16			2	1	5
2+	2	3	6	2	10			1	1	8
Total	5	6	19	3	26			3	2	6

Cows To Be Milking, Dry, Calving By Month

	Dec	Jan	Feb	Mar	Apr	May
* Milking	51	51	55	58	55	55
Dry	2	3	2		5	5
Cows to Calve	2	1	1	2		
Heifers to Calve		1	3	1	2	

* Assumes 0.6% 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	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	8	10	5	7	20
5-21-19			0				20
6-21-19	91	12	6	17	1		21
7-25-19		7	3	14	1	3	20
9-04-19			0		2	9	13
10-04-19	90	25		20		2	12
11-21-19	47			23	5	13	13
Averages	45	22	13	12	3	6	17
Totals				105		50	

Miscellaneous Herd Information

	Shipped-Test Day Comparison		Milking Times	Wgh	Spl	
	Test Day	Yearly Avg.				
Sum of Test Day Wts	2374	1935	1st	3:15pm	N	N
Reported Avg. Daily Bulk Tank Wts	2297	1902	2nd	3:15am	Y	Y
% Deviation	+3.4	+1.7	3rd			

Remarks:

Herd Code Test Date 11-21-2019 Breed JE 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	9	3	1	11		24	
	2nd Lact		1		2	1	4	
	3+ Lacts	3	6	3	5	1	18	
	All Lacts	12	10	4	18	2	46	
Average Daily Milk	1st Lact	45	66	30	47		48	
	2nd Lact		66		57	52	58	
	3+ Lacts	50	64	65	47	72	58	
	All Lacts	46	65	56	48	62	53	
% Fat & Pro	1st Lact	% Fat	5.1	4.6	3.6	5.6		5.2
		% Pro	3.7	3.3	4.0	3.9		3.8
	2nd Lact	% Fat		3.0		5.2	4.7	4.5
		% Pro		3.1		3.7	4.1	3.7
	3+ Lacts	% Fat	4.3	4.7	4.5	5.3	4.5	4.8
		% Pro	4.0	3.4	3.6	3.9	3.5	3.7
All Lacts	% Fat	4.9	4.5	4.3	5.5	4.6	5.0	
		% Pro	3.8	3.3	3.7	3.9	3.8	3.7
SCC ACT	1st Lact	376	379	81	622		479	
	2nd Lact		14		97	33	59	
	3+ Lacts	449	246	1682	177	93	519	
	All Lacts	395	263	1469	422	67	454	
SCC ACT >= 200	Number	5	5	3	9		22	
	Percent	42	50	75	50		47	

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	22		22	+245	+420	NM				
13+	17	1-11	16	17		17	+213	+275					
Replacements	39	1-00	38	39		39	+231	+356					
1st Lact	26	2-04	26	26		11	+223	+294	% of Herd Bred to	72	28		
2nd Lact	6	3-05	6	6		5	+81	+190	Number of Bulls Used	6	2		
3+ Lacts	20	5-00	20	20		19	+164	+248	Average Merit \$	+354	+615	+0	
All Lacts	52	3-05	52	52		35	+170	+264	Avg. Percentile Rank (Net Merit)	52	90		
% Identified (Producing Females)			100	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	26	28	65	61	18455	849	634	+758	+76	+30	880
2nd Lact	6	41	82	81	20422	866	668	+1906	+71	+44	1010
3+ Lacts	20	60	78	73	18051	769	616	+697	-21	+23	1050
All Lacts	52	41	72	68	18581	817	632	+912	+36	+30	960

Somatic Cell Summary

Lactation	% 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	43	13	26	4	13
2nd Lact	100				
3+ Lacts	39	28	17	6	11
All Lacts	47	18	20	4	11
Herd Production Lost From SCC This Test Period					
Milk	5753	Dollars (\$)		1036	

Dry Cow Profile

Lact.	Number Dry Periods	Avg. Days Dry	Number Dry by Days		
			< 40	40-70	> 70
1					
2	6	75		4	2
3+	20	72	3	8	9
All	26	73	3	12	11

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	27	68	4	10	2											2	
2	1	3	2	5	1			1									
3+	5	13	3													2	
All	28	70	11	28	6			1								4	
			13 % 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	4 142,000 - 283,000	5 284,000 - 565,000	6 566,000 - 1.13 M	7,8,9 Over 1.13 M												
Test Dropped	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			
9-04-19	41	43	156	50.4	53.9	94	91	45.5	4.4	3.5	16561	769	592	42	25	6	6	22	4.1	706			
10-04-19	30	44	156	47.7	48.9	97	80	37.9	4.7	3.5	16623	770	590	43	11	14	11	20	4.3	693			
11-21-19	48	52	151	52.5	55.2	122	90	47.3	4.9	3.7	16717	774	589	47	18	20	4	11	3.7	454		1	1
Averages	39	41	165	55.4	58.1	103	85	46.9	4.6	3.5				52	18	12	9	9	3.3	386		4	7

Test Period Avg. Milk Lbs Added 41.6 Dropped 38.9